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Hydraulic & Fleet Hose Products

2010

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Getting the Best Service Life
from Gates Hydraulic Hose and Assemblies

How long will a hydraulic hose assembly last? It depends on how it's used. This catalog and other Gates literature show the recommended limits for our assemblies (and also the hoses and couplings used to make assemblies). These limits include installation, maintenance, and conditions of use. These limits MUST be followed or the assembly can fail resulting in personal injury or property damage. If you do not have this important information, you can get it at no cost from your local Gates distributor or Gates field representative.

Hose assemblies in use should be inspected regularly for leaks, kinks, cover blisters, gouges, abrasion and other damage. Damaged or worn assemblies must be replaced immediately. You can increase assembly life if you do the following:

Hose Assembly Installation[1] – Hydraulic hose assembly installations should comply with hydraulic hose routing and plumbing standards per SAE J1273 for the proper application of hose assemblies. SAE J1273 recommended practices can be found in this catalog.

Working Pressure – The hydraulic system pressure should not exceed the rated working pressure of the hose. Pressure surges or peaks exceeding the rated working pressure are destructive and must be taken into account when selecting a hose.

Minimum Burst Pressure – Burst pressures are pressures referred to in this catalog which were intended for destructive testing purposes and for design safety factors only.

Temperature Range[2] **–** Do not expose hose to internal or external temperatures exceeding the recommended limits. Consult additional technical data when hydraulic fluids contain emulsions or solutions. The fluid manufacturer's recommended maximum operating temperature for any given fluid must not be exceeded, regardless of hose temperature range.

Fluid Compatibility – The hydraulic assembly (tube, cover, reinforcement and couplings) must be fluid compatible. The correct hose must be used because phosphate ester and petroleum-based hydraulic fluids have drastically different chemical characteristics. Many hoses are compatible with one or the other, but not all fluids. For example, Gates G2XH, MegaTech® and C5D hoses are capable of handling phosphate ester and petroleum-based hydraulic fluids.

Minimum Bend Radius – Do not bend or flex hose to a radius smaller than the minimum recommended and do not subject hose to tension or torque. This can place excessive stress on the reinforcement and severely reduce the ability of the hose to withstand pressure.

Hose Size – Hose size (inside diameter) must be capable of handling the required flow volume. Too small an I.D. for a given volume of flow results in excessive fluid pressure and heat generation which can result in tube damage.

Hose Routing – Restrain, protect or guide hose, with clamps if necessary, to minimize the risk of damage due to excessive flexing, whipping or contacting other moving parts or corrosives. Determine hose lengths and configurations that protect from abrasion, snagging or kinking and provide leak-resistant connections.

Hose Length – Correct hose length should include considerations for length changes under pressure, machine vibration and motion, and hose assembly routing.

Hose Applications – Select the proper hose for the application. Suction applications (Gates GMV or G4H) and special fluid or high temperature capabilities are among the applications requiring particular consideration and a specific hose. When additional information is required, contact your local Gates representative.

NOTE: Do not use Gates hydraulic hose in place of permanent piping.

SAE provides helpful video and print information that supplements this summary. Contact SAE at 1-877-606-7323 or at www.sae.org.
Actual service life at temperatures approaching the recommended limit will depend on the particular application and the fluid being used in the hose. Intermittent (up to 10 percent of operating time) refers to momentary temperature surges. Detrimental effects increase with increased exposure to elevated temperatures.

Hose Shelf Life

Storage environment, along with rubber materials can vary the shelf life limit. Shelf life is difficult to quantify as many variables affect the hose. **Proper storage precautions can result in three to five years shelf life.** Beyond this time there can be a significant service life decrease, depending on storage environment variables. Some variables include: Hose should be stored in a cool, dry area never exceeding +100°F (+38°C). If stored below freezing, pre-warming may be required prior to handling, testing and placing into service.
Store hose in original container. Never stack hose too high, as its weight can crush hose at the bottom of the stack.

Gates recommends hose in extended storage be visually inspected and tested prior to use. Hose judged marginal should be replaced to avoid potential failure, property damage or bodily injury. Store hose on a first-in/first-out basis. Unusually long storage, or poor storage environment can deteriorate hose, reduce performance and may lead to premature failure.

For Safety's Sake

Avoid injury to yourself and others by following these important hose assembly steps:

WARNING

Serious injury, death and destruction of property can result from rupture or blow-apart of a hydraulic hose assembly that is:

- **Damaged or worn out**
- **Assembled or installed incorrectly**

Never underestimate the power of a blown hydraulic assembly.

1. **Receive hands-on training** with Gates recommended equipment.
2. Follow current Gates **operating manual and crimp data.**
3. **Use only new (unused)** Gates recommended hose and couplings with Gates crimpers.
4. **Wear safety glasses.**

Select and Install Assemblies with Care

1. **Select proper hose assemblies for the application.** Many factors and conditions affecting the inside and outside diameter of the hose must be taken into account.
2. Hose assembly routing **must not** create an injury hazard or damage hose. Refer to the standards, regulations and directories that apply in the countries where the equipment is sold and used.
3. Select hydraulic components so that the application's temperature, pressure and bend radius **do not exceed** recommended component limits.
4. Hose **must not** be stretched, kinked, crushed or twisted during installation or use. Hose **must not** be bent to less than the minimum bend radius.
5. Use **only** TH7NC, TH8NC and TH18NC hose for **non-conductive** applications. For instance: cherry pickers. All other Gates hoses are electrically conductive.
6. **DO NOT** USE HYDRAULIC HOSE TO TRANSMIT HIGH PRESSURE GASES OR STEAM. NOTE ANY PRESSURE ABOVE 500 PSI.

Follow Good Maintenance Practices

1. **Establish a program** of inspection, testing and replacement of hose assemblies from factors including:
   - Severity of application.
   - Frequency of equipment use.
   - Past performance of hose assemblies.
2. **Only** properly trained persons should inspect, test or service hose assemblies. Update training periodically.
3. **Document** maintenance, inspections and testing.

4. **AVOID FLUID INJECTION INJURIES**
   - **Fluid under pressure can cause serious injury.** It can be almost invisible escaping from a pinhole and it can pierce the skin into the body.
   - Do not touch a pressurized hydraulic hose assembly with any part of your body.
   - If fluid punctures the skin, **even if no pain is felt, a serious emergency exists**. Obtain medical assistance immediately. **Failure to do so can result in loss of the injured body part or death.**
5. Stay out of hazardous areas while testing hose assemblies under pressure. **Use proper safety protection.**

Other Safety Information

Many factors affect the selection, crimping, installation and maintenance of hose assemblies. This catalog, Gates Corporation, the hydraulic equipment maker and the Society of Automotive Engineers Recommended Practice SAE J1273, have useful information about selecting, crimping, installing and servicing hydraulic hose assemblies. For further information, please contact your local Gates representative or call Gates Corporation.

Gates recommends hose and coupling combinations in this catalog only after completing extensive testing.

Evaluation of a hose and coupling combination requires considerable impulse testing and cannot be determined by a simple burst or pressure hold test. Gates disclaims all liability for any hose assembly made in violation of Gates recommendations, procedures and current crimp data. Crimp data is updated on average every year. For the most up-to-date crimp data, visit www.gates.com/ecrimp.

The consumer's exclusive remedy with respect to any claim shall be a refund of the purchase price or replacement of the product at the option of Gates. In no event shall Gates be liable for any incidental or consequential damages whatsoever.

Seven Easy Steps For Selecting The Proper Hose

An effective way to remember hose selection criteria is to remember the word...

S T A M P E D

S	=	Size
T	=	Temperature
A	=	Application
M	=	Material to be conveyed
P	=	Pressure
E	=	Ends or couplings
D	=	Delivery (volume and velocity)

More information about STAMPED can be found on page C1.

Hydraulic Products for the Growing World of Industry

It all started in 1911, at a small manufacturing shop in Denver, Colorado. But today, Gates Corporation is a global company with manufacturing facilities on five continents.

In March 2005, Gates opened the new 87,400 square-foot Gates Customer Solutions Center that sits on a 10-acre site in Denver, Colorado. Designed to include space for technology development, customer engagement and training, the center includes secure vehicle testing bays for mobile-equipment manufacturer application testing and development.

The training area includes hands-on training for customers and Gates associates in hose assembly, fluid contamination control, mobile equipment plumbing and fluid power circuitry. A video conferencing center allows live meetings to be conducted among Gates customers and associates around the world. The center employs about 60 engineers, technicians and scientists.

Our global manufacturing processes allow any of our customers — regardless of where they are — to buy Gates hydraulic products that look consistent and perform to the same exacting standards.

No matter where you go in the world today, Gates hydraulic hose, couplings and equipment are becoming the standards for quality and reliability.

The international marketplace for hydraulic assemblies is getting larger every day. As Original Equipment Manufacturers (OEMs) market their products across national boundaries, you need to be able to order hydraulic products that consistently meet the most rigorous international quality requirements.

Gates offers a global manufacturing grid that operates under standardized and high-quality product and output specifications. Plus, we offer a world of conveniently located field offices placed strategically near every major industrialized area.

All of this means our customers no longer need to import products or worry about just-in-time inventories being late. With Gates, you get a consistent and reliable source for all of your hydraulic assembly needs, no matter where you are operating in the world.

In other words, Gates hydraulic hose, couplings and equipment can save you time and money, no matter your time zone or currency.

Gates Hydraulics Means Global Reliability

Our hydraulic products are designed for a world of applications. A case in point: our global hose line. Gates global hose and couplings were developed to offer complete and consistent hydraulic coverage for all major industries worldwide.

To create a global hose line, all of our hoses meet strict international specification guidelines and even more stringent Gates quality requirements before they could carry a "Global" label. This was required to ensure that every hose, regardless of whether it was made in Mexico, Canada, Belgium, India, Brazil, or in the U.S.A., would meet or exceed all major global quality specifications. Plus, we had to develop couplings designed for global distribution, too — couplings to meet EN/DIN and SAE standards.

Now, all of our hard work has paid off… for you. Whether your equipment is made in Japan, Germany, the United States or elsewhere, Gates now has hose, fittings and other hydraulic equipment products to fit your application needs. Best of all, it's product you can rely on and available from a Gates manufacturing facility located nearby.

Global Hose Identification

Spiral-Wire Hose

G8K	EFG6K	EFG5K
EFG4K	EFG3K	

Wire-Braid Hose

M6K	M5K	M4K+
MegaTech®	M2T Plus	M3K
G1	G1H	G2
G2H	G2XH	

Textile High Temperature Hose

GTH	G3H

Return Line/Low Pressure Hose

GMV	G4H

Gates Global MegaSys® Pressure Hose Line*

Use the chart below for easy hose selection. Just find the required pressure and the chart will show you which hose meets that pressure in the applicable ID. Gates "M" hoses are wire-braid construction and use Gates MegaCrimp® couplings. Gates "G" hoses are spiral-wire construction and use Gates GlobalSpiral™ couplings.

ID		-4 (1/4")	-5 (5/16")	-6 (3/8")	-8 (1/2")	-10 (5/8")	-12 (3/4")	-16 (1")	-20 (1¼")	-24 (1½")	-32 (2")
PSI	6000	M6K		EFG6K	EFG6K	EFG6K	EFG6K	EFG6K	EFG6K	EFG6K	
	5000	M5K	M5K	M5K/EFG5K	EFG5K	EFG5K	EFG5K	EFG5K	EFG5K	EFG5K	EFG5K
	4000	M4K+		M4K+/EFG4K	M4K+/EFG4K	M4K+/EFG4K	M4K+/EFG4K	EFG4K	EFG4K		
	3000	M3K	M4K	M3K	M3K	M3K	M3K	M3K	EFG3K	EFG3K	EFG3K

International Symbols *used in this catalog as column headings*

Hose:

DESCR	Description
#	Product Number
	Hose/Tube Inside Diameter (I.D.)
	Hose/Tube Outside Diameter (O.D.)
	Thread Size
	Working Pressure (psi)
	Minimum Burst Pressure (psi)
	Minimum Bend Radius (inch)
	Vacuum (In. Hg.)

Couplings:

A	Hose/Tube Diameter
C	Cut-Off
D	Mounting Hole
F	Flange Head Thickness
H1	Stem Hex
H2	Nut Hex
L	Length
M	Flange Diameter
N	Nominal Flange Size
T	Drop

Gates MegaSys® hoses are more flexible – bend to half SAE bend radius

Gates MegaSys hoses bend to half the bend radius of other SAE 100R1, 100R2, 100R4, 100R9 and 100R12 type hoses. This means they are ideal for tight applications. And the incredible flexibility of MegaSys means you can use less hose per application.

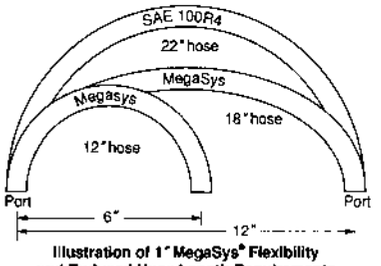


Illustration of 1" MegaSys® Flexibility and Reduced Hose Length Requirements

Features

- A full line of hoses designed for one-half SAE bend radius at full SAE pressure
- Longer life in applications where equipment movement causes sharp bends in hydraulic hose
- Increased flexibility for easier hose installation
- M6K, M5K, EFG4K, M4K+, M3K and M2T® meet tough flex-impulse testing that flexes hose during impulse pressure testing. Simulates severe equipment applications like boom arms or grapples.

Benefits

- Reduces hose length requirements up to 47 percent
- Reduces inventory requirements
- Flexibility allows routing in small spaces
- Tight bend radius means fewer bent tube couplings
- Plumbs and bends easier than conventional hoses

Hose covers proven to be tough…

MegaTuff® Hose Cover

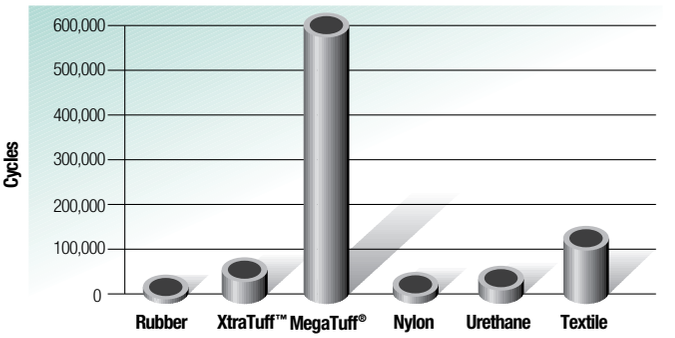
- Super-tough cover solves abrasion problems
- Replaces spring guards and protective sleeves in high-wear applications
- Resists cracking from UV rays
- 300x the abrasion resistance of standard hose covers

XtraTuff™ Hose Cover

- Mid-range abrasion-resistant cover
- Replaces spring guards and protective sleeves in high-wear applications
- 25x the abrasion resistance of standard hose covers

Abrasion Testing

ISO6945—Metal-to-hose rubbing cycles to lose one gram of weight



EFG4K MegaSpiral® Hose

- One-half SAE 100R12 bend radius
- Abrasion-resistant synthetic rubber cover increases service life
- 3,000 to 4,000 psi working pressure
- Development tested at 133 percent of maximum working pressure up to 1,000,000 impulse cycles
- Abrasion-resistant MegaTuff® cover available

M4KH+ Mega4000® Hose

- The + indicates development testing at 150 percent of maximum working pressure up to 600,000 impulse cycles
- Exceeds SAE 100R19 in all sizes
- One-half SAE 100R1, 100R2 and 100R9 bend radius
- SAE 100R9 performance on 1/2" sizes
- SAE 100R12 pressure on 3/8" to 3/4" sizes
- All sizes have 4,000 psi working pressure
- Replaces spiral hose under certain conditions
- Abrasion-resistant XtraTuff™ and MegaTuff® covers available
- Meets new SAE 100R19
- Meets high-temp req. up to 250°F

M2T® Plus MegaFlex®

- M2T® Plus now available
- Exceeds SAE 100R16 in all sizes
- One-half SAE 100R2 bend radius
- Smaller O.D., low profile and lightweight
- Superior flex impulse performance
- Development tested at 133 percent of maximum working pressure up to 600,000 impulse cycles
- Abrasion-resistant MegaTuff® cover available

M3KH Mega3000® Hose

- Exceeds new SAE 100R17 specifications
- One-half SAE 100R1, 100R2 and 100R9 bend radius
- SAE 100R9 performance on 3/4" and 1" sizes
- All sizes have 3,000 psi working pressure
- Development tested at 133 percent of maximum working pressure up to 600,000 impulse cycles
- Abrasion-resistant XtraTuff™ and MegaTuff® covers available
- Meets high-temp req. up to 250°F

GMV MegaVac®

- One-half SAE 100R4 bend radius
- Flexible and lightweight
- Available in 100' lengths
- Suitable for return, suction and vacuum lines

TuffCoat™ Plating 500% Better

500+ percent improvement over the 72-hour SAE standard.

- Provides 400 hours of red rust corrosion protection when subjected to rigorous SAE J516 and ASTMB-117 salt-spray conditions.
- Innovative new technology gives our world-class hydraulic couplings four times more corrosion resistance than before.
- Gates corrosion-resistant coupling plating is also earth-safe.

Plus, Gates has removed all hexavalent chromium from its plating processes. This metal, which is common in industrial plating, has been found to be toxic to the environment. We engineered TuffCoat to be stronger and more resistant to corrosion, without the toxicity of hexavalent chromium.

This is just another example of our ongoing commitment to be a global leader in the manufacture of superior products designed for worldwide distribution.

TuffCoat™ sets the global standard for the plating of hydraulic fittings in both corrosion resistance and environmental friendliness.

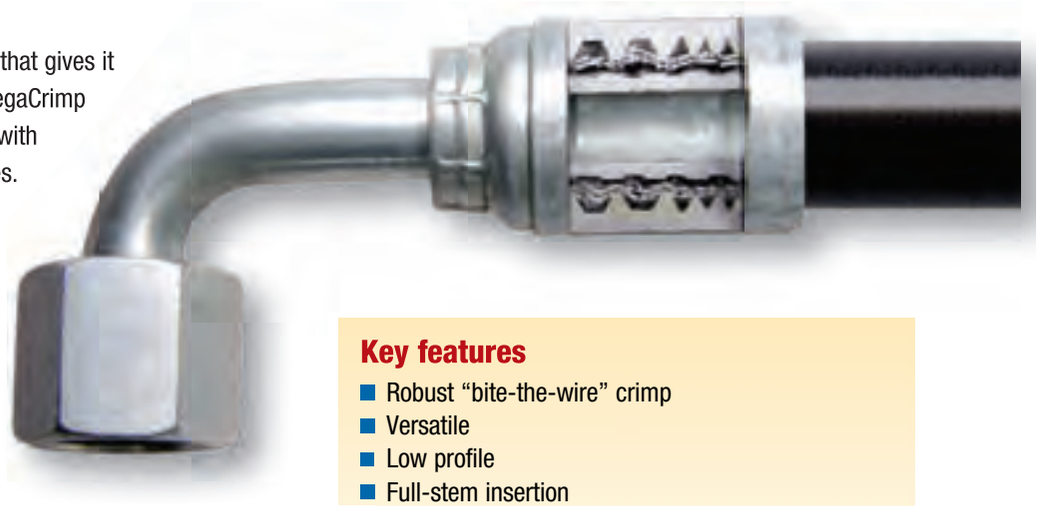
Competitor Gates *Competitor* *Competitor* *Competitor*

Tested under SAE J516 and ASTMB-117 salt-spray conditions, TuffCoat provided more than 400 hours of protection from "red dust" (rust) formation. That is over 500 percent better than the 72-hour SAE standard.

Note how the Gates TuffCoat coupling shows no "red dust" (rust) formation. (White patches on couplings are salt residue, not corrosion.)

MegaCrimp® Couplings

The Versatile "No-Weep" Coupling with the Patented "C" Insert



It's what's inside the MegaCrimp coupling that gives it world-class performance. The patented MegaCrimp coupling "C" insert can be used on hoses with different constructions and wall thicknesses. In addition, the "C" insert's design ensures crimping forces are evenly distributed to form a concentric seal.

The unique "C" insert simplifies your inventory requirements. One size of MegaCrimp coupling can accommodate various hose outside diameters, one- and two-wire hoses and thermoplastic hose. And here's an added bonus: the MegaCrimp coupling is a fully qualified EN-performance coupling.

Key features

- Robust "bite-the-wire" crimp
- Versatile
- Low profile
- Full-stem insertion
- Full-length crimp
- Easy-to-manage inventory reduces SKUs
- Environmentally-friendly TuffCoat™ plating for 500 percent better corrosion resistance
- Fully qualified EN-performance coupling

During crimping only the MegaCrimp coupling's outside shell takes on the shape of the dies. The "C" insert starts round, stays round – like the hose – eliminating leak paths as found in other crimped assemblies.

MegaCrimp couplings have an optimum insertion force – not too tight, not too loose – so you can feel them "hit bottom" when inserted.

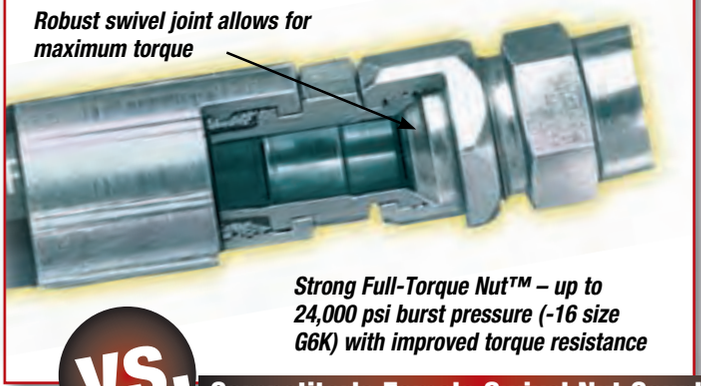
Once inserted, MegaCrimp couplings stay put. They don't fall out.

GlobalSpiral™

Gates Exclusive!

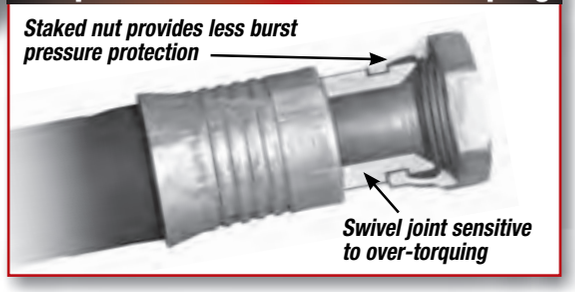
The no-skive coupling… one stem is all you need

Gates Female Swivel Nut Coupling



VS.

Competitor's Female Swivel Nut Coupling



Features	Benefits
No skive	Fast, tailor-made assemblies. Eliminates skiving equipment, odor and dust.
Tested to 1,000,000 impulse cycles	Extended coupling life.
Rated to 6,000 psi working pressure in all sizes*	Easy-to-manage inventory. Fewer SKUs.
Over 30-plus thread/flange configurations	Application coverage.
TuffCoat™ plating	More than five times better corrosion resistance than SAE ASTMB117 specification.
"Bite-the-wire" crimp	Improved coupling retention.
Premium non-leaded steel	Maximum strength.
+250°F temperature capability	Full performance at high temperatures. Longer coupling life.
Machined FJX and FFORX nuts	4:1 burst performance up to 24,000 psi. Improved torque/sealing capability.
Meets worldwide DIN, EN, SAE, ISO and Gates G6K standards and requirements	World-class performance.
One stem used for all spiral hoses	Less inventory. Easier to use.

*Except as noted in coupling tables

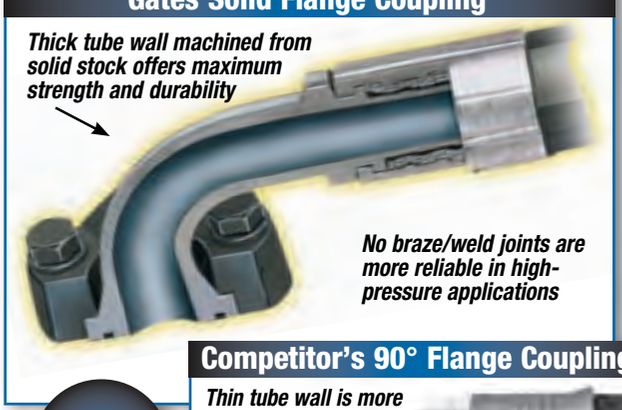
Plus!

GlobalSpiral™ Flanges

Solid, one-piece flange couplings preferred for high-pressure applications

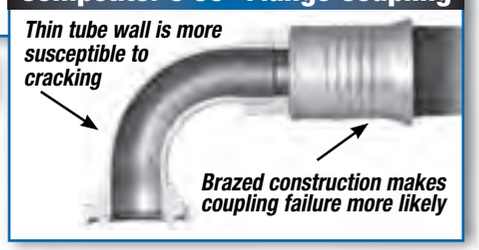
Features	Benefits
No braze/weld joints	More reliable. High pressure capability.
Tapered flange head design	Increased stress resistance. Better vibration resistance and reliability by eliminating braze joints.
Easily adapts to flange ports	Better stress resistance than brazed or welded fittings. Easier to install assemblies. Reduces replacement cost for standard and straight coupling assemblies. More design flexibility.
Thicker tube walls	Eliminate possible leak points. Better vibration resistance.
Premium lead-free steel	Improved flexing impulse performance.
TuffCoat™ plating	More than five times better corrosion resistance than SAE ASTMB117 specification.
No braze/weld joints	High-pressure reliability. Eliminates flange head separation and premature tube failure. Increases safety factor and burst ratios.

Gates Solid Flange Coupling



VS.

Competitor's 90° Flange Coupling



It's a 4-Wire World

For many years, hydraulic fabricating shops needed to carry inventories of only two-wire braid hose. Then, four-wire spiral became necessary for larger, off-road specialty equipment.

Today, it's a four-wire world...

As hydraulic systems have evolved, even smaller, light-duty equipment is designed with four-wire spiral hose. Hydrostatic drives using four- and six-wire hoses are now being used on equipment ranging from lawn tractors to heavy-duty dirt movers and everything in between.

The demands of today's working schedules require faster, more powerful equipment. Original Equipment Manufacturers (OEMs) are delivering just that by increasing working pressures within their hydraulic systems. Twenty years ago, a backhoe operated on a working pressure of 2,000 p.s.i. Now, a backhoe will operate at up to twice that.

Bottom line: to better service all of your hydraulic customers, you need a solid four-wire inventory. Gates EFG4K hose and GlobalSpiral™ couplings are designed for the rigors of modern hydraulic systems. They are field-tested, high quality and value priced.

Contact your Gates representative to learn how to best update your hydraulics inventory and bring it into the new four-wire world.

2-Wire vs. 4-Wire Hydraulic Hose Construction

Example of 2-Wire Braid Construction.

Example of 4-Wire Spiral Construction.

Check out what's new at **www.gates.com**

Visit our website

With technology expanding at ever increasing rates, get the most up-to-date information from our website.

Features to look for:

- New product announcements
- Updated hydraulic information
- Downloadable catalogs: www.gates.com/catalog
- Email updates on new products/promotions
- Electronic crimp data: www.gates.com/ecrimp
- Safe Hydraulics training: www.gates.com
- Distributor and field representative locator: www.gates.com/contact

Gates Connected™

At Gates, our connection to you — our customer — goes far beyond your purchase of our hose and couplings. For nearly 100 years, we have stood solidly behind everything we make and remain resolute in our commitment to fulfilling our customers' requirements.

It is this commitment to product quality and customer service that is at the heart of our "Gates Connected" philosophy. And for this, and the reasons detailed below, many of the world's top companies value being Gates Connected and have developed unwavering ties to Gates and to our products.

Get Connected

Product Application Engineers

Technical questions on products

(303) 744-5070

A connection to experience

Gates provides a total hydraulics hose and connector solution – the best value in the business – that includes innovative product development and testing, application engineering support, and an unparalleled safety program.

Being Gates Connected puts you in touch with this solution and our vast knowledge base in hydraulic technologies. Gates hydraulic product engineers and designers have extensive experience in all significant hydraulic applications, including construction, mining and manufacturing.

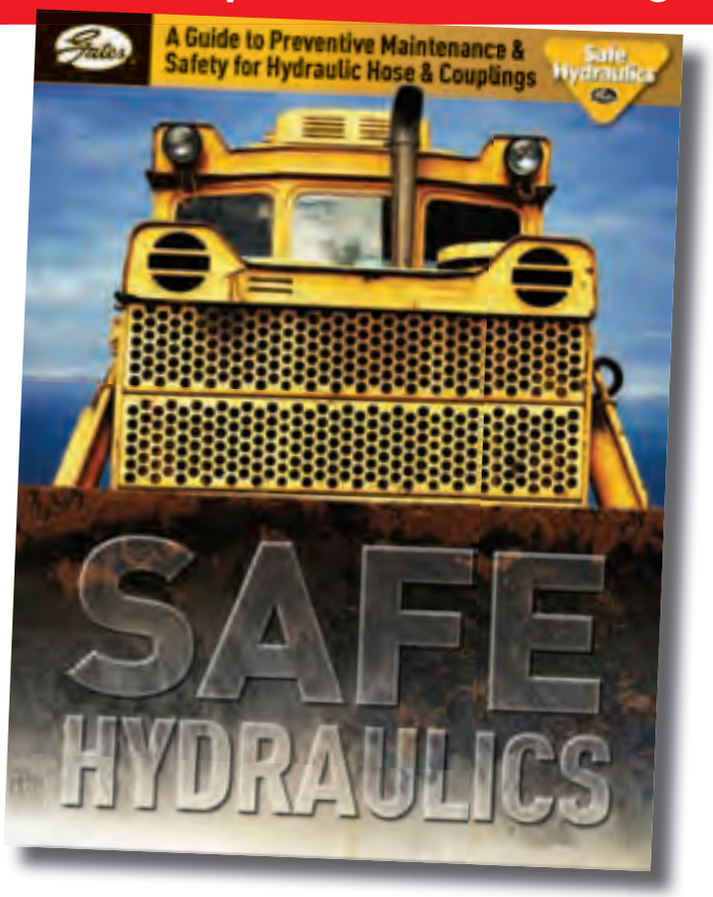
A connection to answers

When you are Gates Connected, you can count on our award-winning support – from the office or in the field – to quickly get you to the right hydraulic products and the right solutions for any specific application.

Gates Product Application Engineers provide expert support for field personnel and customers alike. These experienced professionals are readily available to provide answers to your toughest fluid power questions.

A connection to safety

Our Safe Hydraulics guide is free to Gates customers and offers a wealth of safety topics in clear and concise language, including "Selecting the Right Hose" and "Proper Hose Assembly." This comprehensive publication also covers hose construction, coupling identification, proper installation and troubleshooting.



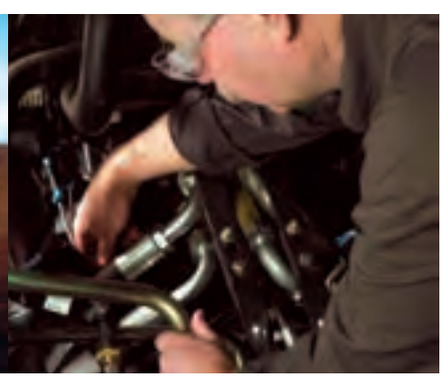
Also free to our customers is the Gates Safe Hydraulics seminar. Gates hydraulic experts will travel to your site to conduct an informative training seminar for managers, supervisors and employees — all free of charge! In addition to improving the safety of your hydraulics, this seminar can also help support your OSHA safety program requirements.

A connection to the future

Gates has always combined innovative thinking with customer input. This strategy has allowed us to produce a broad range of viable products, while also planning for tomorrow's products today. Our engineers constantly work with our customers to get useful data on product performances and usages.

Our Custom Coupling Center provides solutions for unique or out-of-production hydraulic connectors. Contact your Gates representative for more information.

With Gates as your hydraulics product supplier, you get more than innovative products, experienced people, and full product support. You get a valuable industry partner who can help make your hydraulic hose, connectors and assemblies work better, longer, and at a lower overall cost.



Constant Pressure Hose Products

MegaSys® Pressure Matrix – SAE Specifications

	-4	-5	-6	-8	-10	-12	-16	-20	-24	-32
3000 PSI	M3K	M3K	M3K	M3K	M3K	M3K	M3K	EFG3K	EFG3K	EFG3K
4000 PSI	M4K	M4K	M4K/EFG4K	M4K/EFG4K	M4K/EFG4K	M4K/EFG4K	EFG4K	EFG4K		
5000 PSI	M5K	M5K	M5K	M5K/EFG5K	EFG5K	EFG5K	EFG5K	EFG5K	EFG6K	EFG5K
6000 PSI	M6K		EFG6K	EFG6K	EFG6K	EFG6K	EFG6K	EFG6K	EFG6K	
8000 PSI						G8K	G8K			

Red: Exceeds SAE 100R1
Green: Exceeds SAE 100R2
Gold: Exceeds SAE 100R12
Blue: Exceeds SAE 100R13
Purple: Exceeds SAE 100R15
M3K Exceeds SAE 100R17
M4K Exceeds SAE 100R19

MegaSys® Pressure Matrix – European Norm (EN) Specifications

	04	05	06	08	10	12	16	20	24	32
210bar/3K	M3K	M3K	M3K	M3K	M3K	M3K	M3K	EFG3K	EFG3K	EFG3K
280bar/4K	M4K	M4K	M4K/EFG4K	M4K/EFG4K	M4K/EFG4K	M4K/EFG4K	EFG4K	EFG4K		
350bar/5K	M5K	M5K	M5K	M5K/EFG5K	EFG5K	EFG5K	EFG5K	EFG5K	EFG5K	EFG5K
420bar/6K	M6K		EFG6K	EFG6K	EFG6K	EFG6K	EFG6K	EFG6K		
560bar/8K						G8K	G8K			

Red: Exceeds 1SN/1SC
Green: Exceeds 2SN/2SC
Gold: Exceeds 4SP
Blue: Exceeds 4SH

Extremely High Pressure

EFG6K Spiral Wire Hose—SAE 100R15

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
For Biodegradable Hydraulic Fluids

Recommended For: Extremely high-pressure, high-impulse applications such as hydrostatic transmissions. EFG6K is designed to meet all requirements of SAE 100R15 specifications and performance requirements of EN 856 4SP (-6, -8, -10 and -12) and EN 856 4SH (-12, -16, and -20). Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Four (six for -20) alternating layers of spiraled, high-tensile steel.

Cover: Black, oil resistant, synthetic rubber (Neoprene - Type A). Blue stripe with gold print layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (-6 through -20)
GlobalSpiral™ High Couplings (-24)

Part No.	Description	Product No.						Standard Pack
85465	6EFG6KX25FT	4651-4032	3/8	0.80	6,000	24,000	5.0	1
70866	6EFG6KXCTN	4651-1396	3/8	0.80	6,000	24,000	5.0	100
85466	8EFG6KX25FT	4651-4033	1/2	0.95	6,000	24,000	7.0	1
70865	8EFG6KXCTN	4651-1371	1/2	0.95	6,000	24,000	7.0	100
70978	8EFG6KXLL	4651-1613	1/2	0.95	6,000	24,000	7.0	200
85467	10EFG6KX25FT	4651-4034	5/8	1.09	6,000	24,000	8.0	1
70815	10EFG6KXCTN	4651-1368	5/8	1.09	6,000	24,000	8.0	100
70735	10EFG6KXLL	4651-1397	5/8	1.09	6,000	24,000	8.0	200
85468	12EFG6KX25FT	4651-4035	3/4	1.24	6,000	24,000	9.5	1
70839	12EFG6KXCTN	4651-1288	3/4	1.24	6,000	24,000	9.5	100
70736	12EFG6KXLL	4651-1398	3/4	1.24	6,000	24,000	9.5	200
85469	16EFG6KX25FT	4651-4036	1	1.53	6,000	24,000	12.0	1
70836	16EFG6KXCTN	4651-1289	1	1.53	6,000	24,000	12.0	100
70737	16EFG6KXLL	4651-1399	1	1.53	6,000	24,000	12.0	200
85470	20EFG6K X25FT	4651-4037	1 1/4	1.97	6,000	24,000	16.5	1
70837	20EFG6KXCTN	4651-1290	1 1/4	1.97	6,000	24,000	16.5	50
70738	20EFG6KXLL	4651-1400	1 1/4	1.97	6,000	24,000	16.5	200
85426	24EFG6KX25FT	4651-1574	1 1/2	2.26	6,000	24,000	20.0	1
71065	24EFG6KXCTN	4651-1531	1 1/2	2.26	6,000	24,000	20.0	50
—	24EFG6KXLL	4651-1572	1 1/2	2.26	6,000	24,000	20.0	200

Extremely High Pressure

EFG6K Spiral Wire Hose—MegaTuff® Cover

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
For Biodegradable Hydraulic Fluids
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: Extremely high-pressure, high-impulse applications such as hydrostatic transmissions. EFG6K is designed to meet all requirements of SAE 100R15 specifications and performance requirements of EN 856 4SP (-6, -8, -10 and -12) and EN 856 4SH (-12, -16, and -20). Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Four (six for -20) alternating layers of spiraled, high-tensile steel.

Cover: Black, oil resistant, synthetic rubber (Neoprene - Type A). Blue stripe with gold print layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (-6 through -20)
GlobalSpiral™ High Couplings (-24)

Part No.	Description	Product No.						Standard Pack
85471	6EFG6K-MTF X25FT	4651-4038	3/8	0.80	6,000	24,000	5.0	1
70849	6EFG6K-MTFXCTN	4651-1435	3/8	0.80	6,000	24,000	5.0	100

EFG6K Spiral Wire Hose—MegaTuff® Cover

Extremely High Pressure

(continued)

Part No.	Description	Product No.						Standard Pack
85472	8EFG6K-MTF X25FT	4651-4039	1/2	0.95	6,000	24,000	7.0	1
70867	8EFG6K-MTFXCTN	4651-1609	1/2	0.95	6,000	24,000	7.0	100
85473	10EFG6K-MTF X25FT	4651-4040	5/8	1.09	6,000	24,000	8.0	1
70880	10EFG6K-MTFXCTN	4651-1416	5/8	1.09	6,000	24,000	8.0	100
85474	12EFG6K-MTF X25FT	4651-4041	3/4	1.24	6,000	24,000	9.5	1
70868	12EFG6K-MTFXCTN	4651-1606	3/4	1.24	6,000	24,000	9.5	100
85475	16EFG6K-MTF X25FT	4651-4042	1	1.53	6,000	24,000	12.0	1
70869	16EFG6K-MTFXCTN	4651-1604	1	1.53	6,000	24,000	12.0	100
85476	20EFG6K-MTF X25FT	4651-4043	1 1/4	1.97	6,000	24,000	16.5	1
70870	20EFG6K-MTFXCTN	4651-1601	1 1/4	1.97	6,000	24,000	16.5	50

EFG5K Spiral Wire Hose—SAE 100R13

Extremely High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
For Biodegradable Hydraulic Fluids

Recommended For: Extremely high-pressure hydraulic applications. EFG5K is designed to meet all requirements of SAE 100R13 specifications and performance requirements of EN 856 4SH (-16 and -20), EN 856 4SP (-8, -10, and -12) and EN 856 R13. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Four (six for -20) alternating layers of spiraled, high-tensile steel.

Cover: Black, oil resistant, synthetic rubber (Neoprene - Type A). Blue stripe with red print layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (-6 through -20)
GlobalSpiral™ High Couplings (-24 and -32)

Part No.	Description	Product No.						Standard Pack
85453	6EFG5K X25FT	4651-4020	3/8	0.80	5,000	20,000	5.0	1
70871	6EFG5KXCTN	4651-1424	3/8	0.80	5,000	20,000	5.0	100
85454	8EFG5K X25FT	4651-4021	1/2	0.95	5,000	20,000	7.0	1
70864	8EFG5KXCTN	4651-1372	1/2	0.95	5,000	20,000	7.0	100
70977	8EFG5KXLL	4651-1612	1/2	0.95	5,000	20,000	7.0	200
85455	10EFG5K X25FT	4651-4022	5/8	1.09	5,000	20,000	8.0	1
70814	10EFG5KXCTN	4651-1340	5/8	1.09	5,000	20,000	8.0	100
70728	10EFG5KXLL	4651-1390	5/8	1.09	5,000	20,000	8.0	200
85456	12EFG5K X25FT	4651-4023	3/4	1.24	5,000	20,000	9.5	1
70838	12EFG5KXCTN	4651-1285	3/4	1.24	5,000	20,000	9.5	100
70729	12EFG5KXLL	4651-1391	3/4	1.26	5,000	20,000	9.5	200
85457	16EFG5K X25FT	4651-4024	1	1.53	5,000	20,000	12.0	1
70834	16EFG5KXCTN	4651-1286	1	1.53	5,000	20,000	12.0	100
70730	16EFG5KXLL	4651-1392	1	1.53	5,000	20,000	12.0	200
85458	20EFG5K X25FT	4651-4025	1 1/4	1.97	5,000	20,000	16.5	1
70835	20EFG5KXCTN	4651-1287	1 1/4	1.97	5,000	20,000	16.5	50
70734	20EFG5KXLL	4651-1393	1 1/4	1.97	5,000	20,000	16.5	200
85432	24EFG5KX25FT	4651-1742	1 1/2	2.26	5,000	20,000	20.0	1
71056	24EFG5KXCTN	4651-1455	1 1/2	2.26	5,000	20,000	20.0	50
—	24EFG5KXLL	4651-2208	1 1/2	2.26	5,000	20,000	20.0	200
85436	32EFG5KX25FT	4651-1746	2	2.80	5,000	20,000	25.0	1
71059	32EFG5KXCTN	4651-1456	2	2.80	5,000	20,000	25.0	50
—	32EFG5KXLL	4651-0052	2	2.80	5,000	20,000	20.0	200

Extremely High Pressure

EFG5K Spiral Wire Hose—MegaTuff® Cover

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
For Biodegradable Hydraulic Fluids
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: Extremely high-pressure hydraulic applications. EFG5K is designed to meet all requirements of SAE 100R13 specifications and performance requirements of EN 856 4SH (-16 and -20), EN 856 4SP (-8, -10, and -12) and EN 856 R13. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Four (six for -20) alternating layers of spiraled, high-tensile steel.

Cover: Black, oil resistant, synthetic rubber (Neoprene - Type A). Blue stripe with red print layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (-6 through -20)
GlobalSpiral™ High Couplings (-24 and -32)

Part No.	Description	Product No.						Standard Pack
85459	6EFG5K-MTF X25FT	4651-4026	3/8	0.80	5,000	20,000	5.0	1
70872	6EFG5K-MTFXCTN	4651-1436	3/8	0.80	5,000	20,000	5.0	100
85460	8EFG5K-MTF X25FT	4651-4027	1/2	0.94	5,000	20,000	7.0	1
70873	8EFG5K-MTFXCTN	4651-1608	1/2	0.94	5,000	20,000	7.0	100
85461	10EFG5K-MTF X25FT	4651-4028	5/8	1.09	5,000	20,000	8.0	1
70879	10EFG5K-MTFXCTN	4651-1410	5/8	1.09	5,000	20,000	8.0	100
85462	12EFG5K-MTFX25FT	4651-4029	3/4	1.24	5,000	20,000	9.5	1
70874	12EFG5K-MTFXCTN	4651-1605	3/4	1.24	5,000	20,000	9.5	100
85463	16EFG5K-MTFX25FT	4651-4030	1	1.53	5,000	20,000	12.0	1
70875	16EFG5K-MTFXCTN	4651-1603	1	1.53	5,000	20,000	12.0	100
70739	16EFG5K-MTFXLL	4651-4001	1	1.53	5,000	20,000	12.0	200
85464	20EFG5K-MTFX25FT	4651-4031	1 1/4	1.97	5,000	20,000	16.5	1
70876	20EFG5K-MTFXCTN	4651-1600	1 1/4	1.97	5,000	20,000	16.5	50
70740	20EFG5K-MTFXLL	4651-4002	1 1/4	1.97	5,000	20,000	16.5	200
71055	24EFG5K-MTFXCTN	4651-2203	1 1/2	2.26	5,000	20,000	20.0	50
85433	24EFG5KMTFX25FT	4651-1743	1 1/2	2.26	5,000	20,000	20.0	1
71063	32EFG5K-MTFXCTN	4651-1522	2	2.80	5,000	20,000	25.0	50
85437	32EFG5KMTFX25FT	4651-1747	2	2.80	5,000	20,000	25.0	1

Extremely High Pressure

EFG4K Spiral Wire Hose—SAE 100R12

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
For Biodegradable Hydraulic Fluids

Recommended For: Extremely high-pressure, high-impulse applications. Exceeds all performance requirements for SAE 100R12, EN 856 R12 and EN 856 4SP (-16). Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Four alternating layers of spiraled, high-tensile steel wire.

Cover: Black, oil resistant, synthetic rubber (Neoprene - Type A). Blue stripe with white print layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings

Part No.	Description	Product No.						Standard Pack
85491	6EFG4K X50FT	4651-1430	3/8	0.80	4,000	16,000	2.5	1
85477	6EFG4KX25FT	4651-4005	3/8	0.80	4,000	16,000	2.5	1
70811	6EFG4KXCTN	4651-1338	3/8	0.80	4,000	16,000	2.5	100
85492	8EFG4K X50FT	4651-1431	1/2	0.94	4,000	16,000	3.5	1
85478	8EFG4KX25FT	4651-4006	1/2	0.94	4,000	16,000	3.5	1
70863	8EFG4KXCTN	4651-1339	1/2	0.94	4,000	16,000	3.5	100
70976	8EFG4KXLL	4651-1611	1/2	0.94	4,000	16,000	3.5	200

EFG4K Spiral Wire Hose—SAE 100R12 Extremely High Pressure

(continued)

Part No.	Description	Product No.						Standard Pack
85479	10EFG4KX25FT	4651-4007	5/8	1.09	4,000	16,000	4.0	1
70813	10EFG4KXCTN	4651-1367	5/8	1.09	4,000	16,000	4.0	100
85480	12EFG4K X25FT	4651-4011	3/4	1.09	4,000	16,000	4.0	1
85494	12EFG4K X50FT	4651-1432	3/4	1.09	4,000	16,000	4.0	1
70831	12EFG4KXCTN	4651-1282	3/4	1.21	4,000	16,000	4.8	100
70717	12EFG4KXLL	4651-1385	3/4	1.21	4,000	16,000	4.8	200
85481	16EFG4K X25FT	4651-4012	1	1.21	4,000	16,000	4.8	1
85495	16EFG4K X50FT	4651-1433	1	1.21	4,000	16,000	4.8	1
70807	16EFG4KX100FT	4651-1460	1	1.50	4,000	16,000	6.0	100
70832	16EFG4KXCTN	4651-1283	1	1.50	4,000	16,000	6.0	100
70718	16EFG4KXLL	4651-1386	1	1.50	4,000	16,000	6.0	200
85482	20EFG4K X25FT	4651-4013	1 1/4	1.85	4,000	16,000	8.3	1
85438	20EFG4KX 50FT	4651-1520	1 1/4	1.85	4,000	16,000	8.3	1
70833	20EFG4KXCTN	4651-1284	1 1/4	1.85	4,000	16,000	8.3	50
70719	20EFG4KXLL	4651-1387	1 1/4	1.85	4,000	16,000	8.3	200

EFG4K Spiral Wire Hose—MegaTuff® Cover Extremely High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
For Biodegradable Hydraulic Fluids
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: Extremely high-pressure, high-impulse applications. Exceeds all performance requirements for SAE 100R12, EN 856 R12 and EN 856 4SP (-16). Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Four alternating layers of spiraled, high-tensile steel wire.

Cover: Black, oil resistant, synthetic rubber (Neoprene - Type A). Blue stripe with white print layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp): GlobalSpiral™ Couplings

Part No.	Description	Product No.						Standard Pack
85483	6EFG4K-MTF X25FT	4651-4014	3/8	0.80	4,000	16,000	2.5	1
70945	6EFG4K-MTFXCTN	4651-1610	3/8	0.80	4,000	16,000	2.5	100
85484	8EFG4K-MTF X25FT	4651-4015	1/2	0.94	4,000	16,000	3.5	1
70946	8EFG4K-MTFXCTN	4651-1607	1/2	0.94	4,000	16,000	3.5	100
85485	10EFG4K-MTF X25FT	4651-4016	5/8	1.09	4,000	16,000	4.0	1
70947	10EFG4K-MTFXCTN	4651-1404	5/8	1.09	4,000	16,000	4.0	100
85486	12EFG4K-MTF X25FT	4651-4017	3/4	1.21	4,000	16,000	4.8	1
70877	12EFG4K-MTFXCTN	4651-1405	3/4	1.21	4,000	16,000	4.8	100
70726	12EFG4K-MTFXLL	4651-1388	3/4	1.21	4,000	16,000	4.8	200
85487	16EFG4K-MTF X25FT	4651-4018	1	1.50	4,000	16,000	6.0	1
70948	16EFG4K-MTFXCTN	4651-1406	1	1.50	4,000	16,000	6.0	100
70727	16EFG4K-MTFXLL	4651-1389	1	1.50	4,000	16,000	6.0	200
85488	20EFG4K-MTF X25FT	4651-4019	1 1/4	1.85	4,000	16,000	8.3	1
70949	20EFG4K-MTFXCTN	4651-1602	1 1/4	1.85	4,000	16,000	8.3	50

EFG3K Spiral Wire Hose—SAE 100R12

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
For Biodegradable Hydraulic Fluids

Recommended For: Extremely high-pressure, high-impulse applications. Exceeds all performance requirements for SAE 100R12 and EN 856 R12 and performance requirements of EN 856 4SP. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Four alternating layers of spiraled, high-tensile steel wire.

Cover: Black, oil resistant, synthetic rubber (Neoprene - Type A). Blue stripe with white print layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (-6 through -20)
GlobalSpiral™ Plus Couplings (-24 and -32)

Part No.	Description	Product No.						Standard Pack
85497	20EFG3K X50FT	4651-1434	1 1/4	1.85	3,000	12,000	8.3	1
85489	20EFG3KX25FT	4651-4003	1 1/4	1.85	3,000	12,000	8.3	1
70539	20EFG3KXCTN	4651-1381	1 1/4	1.85	3,000	12,000	8.3	100
70707	20EFG3KXLL	4651-1384	1 1/4	1.85	3,000	12,000	8.3	200
85430	24EFG3KX25FT	4651-1740	1 1/2	2.11	3,000	12,000	20.0	1
71054	24EFG3KXCTN	4651-1451	1 1/2	2.11	3,000	12,000	20.0	50
85434	32EFG3KX25FT	4651-1744	2	2.63	3,000	12,000	25.0	1
71058	32EFG3KXCTN	4651-1452	2	2.63	3,000	12,000	25.0	50

EFG3K Spiral Wire Hose—MegaTuff® Cover

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
For Biodegradable Hydraulic Fluids
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: Extremely high-pressure, high-impulse applications. Exceeds all performance requirements for SAE 100R12 and EN 856 R12 and performance requirements of EN 856 4SP. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Four alternating layers of spiraled, high-tensile steel wire.

Cover: Black, oil resistant, synthetic rubber (Neoprene - Type A). Blue stripe with white print layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings

Part No.	Description	Product No.						Standard Pack
85490	20EFG3K-MTF X25FT	4651-4004	1 1/4	2.11	3,000	12,000	8.3	1
70950	20EFG3K-MTFXCTN	4651-1425	1 1/4	2.11	3,000	12,000	8.3	100
70951	20EFG3K-MTFXLL	4651-1427	1 1/4	2.11	3,000	12,000	8.3	200
85431	24EFG3K-MTFX25FT	4651-1741	1 1/2	2.11	3,000	12,000	20.0	1
71053	24EFG3K-MTFXCTN	4651-2201	1 1/2	2.11	3,000	12,000	20.0	50
71057	32EFG3K-MTFXCTN	4651-2205	1 1/2	2.63	3,000	12,000	25.0	50
85435	32EFG3KMTFX25FT	4651-1745	1 1/2	2.63	3,000	12,000	25.0	1

Global M6K Mega6000™ Hose

High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic applications. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
70599	4M6KXREEL	4657-2697	1/4	0.58	6,000	24,000	2.0	440

Global M5K Mega5000™ Hose

High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic applications. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85607	4M5KX50FT	4657-4122	1/4	0.54	5,000	20,000	2.0	1
70596	4M5KXREEL	4657-1100	1/4	0.54	5,000	20,000	2.0	440
70449	5M5KXREEL	4657-8006	5/16	0.61	5,000	20,000	2.2	350
85606	6M5K X50FT	4657-4121	3/8	0.69	5,000	20,000	2.5	1
70597	6M5KXREEL	4657-2695	3/8	0.69	5,000	20,000	2.5	330
85608	8M5K X50FT	4657-4123	1/2	0.86	5,000	20,000	3.5	1
70598	8M5KXREEL	4657-2650	1/2	0.86	5,000	20,000	3.5	220

High Pressure — Global M5K Mega5000™ Hose—MegaTuff® Cover

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic applications. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
70386	4M5K-MTFXREEL	4657-8011	1/4	0.54	5,000	20,000	2.0	440
70343	5M5K-MTFXREEL	4657-8012	5/16	0.61	5,000	20,000	2.2	350
70340	6M5K-MTFXREEL	4657-8013	3/8	0.69	5,000	20,000	2.5	330
70329	8M5K-MTFXREEL	4657-8014	1/2	0.86	5,000	20,000	3.5	220

High Pressure — Global M5K Mega5000™ Hose—XtraTuff™ Cover

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic applications. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
70423	4M5K-XTFXREEL	4657-8007	1/4	0.54	5,000	20,000	2.0	440
70428	5M5K-XTFXREEL	4657-8008	5/16	0.61	5,000	20,000	2.2	375
70430	6M5K-XTFXREEL	4657-8009	3/8	0.69	5,000	20,000	2.5	330
70399	8M5K-XTFXREEL	4657-8010	1/2	0.86	5,000	20,000	3.5	220

High Pressure — Global M4K+ Mega4000™ Hose—SAE 100R19

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic applications. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing. The plus symbol indicates development testing at 150% of maximum working pressure up to 600,000 impulse cycles.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). Available with unique abrasion resistant MegaTuff® or XtraTuff™ cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available for 3/4")
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85616	4M4K+ X50FT	4657-1238	1/4	0.54	4,000	16,000	2.0	1
70829	4M4K+ XREEL	4657-1467	1/4	0.54	4,000	16,000	2.0	440

Global M4K+ Mega4000™ Hose—SAE 100R19 High Pressure

(continued)

Part No.	Description	Product No.						Standard Pack
70457	5M4K+ XREEL	4657-8015	5/16	0.61	4,000	16,000	2.3	350
85617	6M4K+ X50FT	4657-4867	3/8	0.69	4,000	16,000	2.5	1
70821	6M4K+ XREEL	4657-1458	3/8	0.69	4,000	16,000	2.5	330
85618	8M4K+X50FT	4657-4868	1/2	0.86	4,000	16,000	3.5	1
70822	8M4K+XREEL	4657-1459	1/2	0.86	4,000	16,000	3.5	220
85619	10M4K+ X50FT	4657-4869	5/8	0.98	4,000	16,000	4.0	1
70823	10M4K+ XREEL	4657-1460	5/8	0.98	4,000	16,000	4.0	220
85620	12M4K+ X50FT	4657-4870	3/4	1.14	4,000	16,000	4.8	1
70824	12M4K+ XREEL	4657-1461	3/4	1.14	4,000	16,000	4.8	220
71064	16M4K+XREEL	4657-4051	1	1.52	4,000	16,000	6.0	165

Global M4K+ Mega4000™ Hose—XtraTuff™ Cover High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
XtraTuff™ hose lasts up to 25 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: High-pressure hydraulic applications. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing. The plus symbol indicates development testing at 150% of maximum working pressure up to 600,000 impulse cycles.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). Available with unique abrasion resistant MegaTuff® or XtraTuff™ cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available for 3/4")
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85541	4M4K+-XTF X50FT	4657-2616	1/4	0.54	4,000	16,000	2.0	1
70693	4M4K+-XTFXREEL	4657-2281	1/4	0.54	4,000	16,000	2.0	440
70459	5M4K+-XTFXREEL	4657-8016	5/16	0.61	4,000	16,000	2.3	350
85542	6M4K+-XTF X50FT	4657-2615	3/8	0.69	4,000	16,000	2.5	1
70694	6M4K+-XTFXREEL	4657-2283	3/8	0.69	4,000	16,000	2.5	330
85543	8M4K+-XTF X50FT	4657-2614	1/2	0.82	4,000	16,000	3.5	1
70695	8M4K+-XTFXREEL	4657-2284	1/2	0.82	4,000	16,000	3.5	220
70696	10M4K+-XTFXREEL	4657-2285	5/8	0.98	4,000	16,000	4.0	220
70697	12M4K+-XTFXREEL	4657-2286	3/4	1.14	4,000	16,000	4.8	220

Global M4K+ Mega4000™ Hose—MegaTuff® Cover

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: High-pressure hydraulic applications. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing. The plus symbol indicates development testing at 150% of maximum working pressure up to 600,000 impulse cycles.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). Available with unique abrasion resistant MegaTuff® or XtraTuff™ cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available for 3/4")
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85519	4M4K+-MTF X50FT	4657-1239	1/4	0.54	4,000	16,000	2.0	1
70830	4M4K+-MTF XREEL	4657-1477	1/4	0.54	4,000	16,000	2.0	350
70326	5M4K+-MTFXREEL	4657-8017	5/16	0.61	4,000	16,000	2.3	350
85520	6M4K+-MTF X50FT	4657-4020	3/8	0.69	4,000	16,000	2.5	1
70825	6M4K+-MTF XREEL	4657-1479	3/8	0.69	4,000	16,000	2.5	330
85521	8M4K-MTFX50FT	4657-4021	1/2	0.86	4,000	16,000	3.5	1
70826	8M4K+-MTFXREEL	4657-1480	1/2	0.86	4,000	16,000	3.5	220
85522	10M4K+-MTF X50FT	4657-4022	5/8	0.98	4,000	16,000	4.0	1
70827	10M4K+-MTF XREEL	4657-1481	5/8	0.98	4,000	16,000	4.0	220
85524	12M4K+-MTF X50FT	4657-4024	3/4	1.14	4,000	16,000	4.8	1
70828	12M4K+-MTF XREEL	4657-1482	3/4	1.14	4,000	16,000	4.8	190

M4KH Wire Braid Hose—High-Temp—SAE 100R19

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic applications. Exceeds SAE 100R19.

Tube: Black, oil resistant, synthetic rubber (Nitrile).

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, thin synthetic rubber (Neoprene - CR). Flame resistance - MSHA 2G.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available for 3/4")
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85540	4M4KHX 50FT	4657-4098	1/4	0.54	4,000	16,000	2.0	1
70901	4M4KHXREEL	4657-2381	1/4	0.54	4,000	16,000	2.0	440
85546	6M4KHX 50FT	4657-4099	3/8	0.69	4,000	16,000	2.5	1
70902	6M4KHXREEL	4657-2383	3/8	0.69	4,000	16,000	2.5	330
85547	8M4KHX 50FT	4657-4100	1/2	0.82	4,000	16,000	3.5	1
70903	8M4KHXREEL	4657-2384	1/2	0.82	4,000	16,000	3.5	220
85548	10M4KHX 50FT	4657-4101	5/8	0.98	4,000	16,000	4.0	1
70904	10M4KHXREEL	4657-2385	5/8	0.98	4,000	16,000	4.0	220
85549	12M4KHX50FT	4657-2619	3/4	1.16	4,000	16,000	4.8	1
70905	12M4KHXREEL	4657-2386	3/4	1.16	4,000	16,000	4.8	220

M4KH Wire Braid Hose—High-Temp—MegaTuff® Cover High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: High-pressure hydraulic applications. Exceeds SAE 100R19.

Tube: Black, oil resistant, synthetic rubber (Nitrile).

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, thin synthetic rubber (Neoprene - CR). Flame resistance - MSHA 2G.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available for 3/4")
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85448	4M4KH-MTFX 50FT	4657-4093	1/4	0.54	4,000	16,000	2.0	1
70956	4M4KH-MTFXREEL	4657-2157	1/4	0.54	4,000	16,000	2.0	440
85449	6M4KH-MTFX 50FT	4657-4094	3/8	0.69	4,000	16,000	2.5	1
70957	6M4KH-MTFXREEL	4657-2159	3/8	0.69	4,000	16,000	2.5	330
85450	8M4KH-MTFX 50FT	4657-4095	1/2	0.82	4,000	16,000	3.5	1
70958	8M4KH-MTFXREEL	4657-2160	1/2	0.82	4,000	16,000	3.5	220
85451	10M4KH-MTFX 50FT	4657-4096	5/8	0.98	4,000	16,000	4.0	1
70959	10M4KH-MTFXREEL	4657-2161	5/8	0.98	4,000	16,000	4.0	220
85452	12M4KH-MTFX 50FT	4657-4097	3/4	1.16	4,000	16,000	4.8	1
70973	12M4KH-MTFXREEL	4657-2396	3/4	1.16	4,000	16,000	4.8	190

Global M3K Mega3000® Hose—SAE 100R17 High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic oil lines. Exceeds SAE 100R17 requirements and performance requirements of EN 857 1SC. M3K hose has smaller exterior dimensions and significantly tighter bend radius than other SAE 100R1 and 100R2 hose.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Braided, high-tensile steel wire. -4, -5, -6 and -8 sizes are one braid; -10, -12 and -16 sizes are two braid.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). Available with unique abrasion resistant MegaTuff® or XtraTuff™ cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available 3/4" and 1")
MegaCrimp® Couplings
Permanent Power Crimp® Couplings (-3 only)

Part No.	Description	Product No.						Standard Pack
70352	3M3KXREEL	4657-8068	3/16	0.42	3,000	12,000	1.8	440
85624	4M3K X50FT	4657-4874	1/4	0.47	3,000	12,000	2.0	1
70485	4M3KXREEL	4657-1157	1/4	0.47	3,000	12,000	2.0	440
85609	5M3K X50FT	4657-2502	5/16	0.59	3,000	12,000	2.2	1
70575	5M3KXREEL	4657-2216	5/16	0.59	3,000	12,000	2.2	385
85625	6M3K X50FT	4657-4875	3/8	0.62	3,000	12,000	2.5	1
70486	6M3KXREEL	4657-1158	3/8	0.62	3,000	12,000	2.5	330
85626	8M3K X50FT	4657-4876	1/2	0.78	3,000	12,000	3.5	1
70487	8M3KXREEL	4657-1159	1/2	0.78	3,000	12,000	3.5	220
85627	10M3K X50FT	4657-4877	5/8	0.98	3,000	12,000	4.0	1
70488	10M3KXREEL	4657-1173	5/8	0.98	3,000	12,000	4.0	220
85628	12M3K X50FT	4657-4878	3/4	1.14	3,000	12,000	4.8	1
70489	12M3KXREEL	4657-0679	3/4	1.14	3,000	12,000	4.8	220
85629	16M3K X50FT	4657-4879	1	1.48	3,000	12,000	6.0	1
70490	16M3KXREEL	4657-1163	1	1.48	3,000	12,000	6.0	165

Global M3K Mega3000® Hose—XtraTuff™ Cover

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
XtraTuff™ hose lasts up to 25 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: High-pressure hydraulic oil lines. Exceeds SAE 100R17 requirements and performance requirements of EN 857 1SC. M3K hose has smaller exterior dimensions and significantly tighter bend radius than other SAE 100R1 and 100R2 hose.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Braided, high-tensile steel wire. -4, -5, -6 and -8 sizes are one braid; -10, -12 and -16 sizes are two braid.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). Available with unique abrasion resistant MegaTuff® or XtraTuff™ cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available 3/4" and 1")
MegaCrimp® Couplings
Permanent Power Crimp® Couplings (-3 only)

Part No.	Description	Product No.						Standard Pack
70969	3M3K-XTF X REEL	4657-2301	3/16	0.42	3,000	12,000	1.8	440
70569	4M3K-XTFXREEL	4657-1097	1/4	0.47	3,000	12,000	2.0	440
70568	5M3K-XTFXREEL	4657-2300	5/16	0.59	3,000	12,000	2.2	385
70570	6M3K-XTFXREEL	4657-1098	3/8	0.62	3,000	12,000	2.5	330
70571	8M3K-XTFXREEL	4657-2248	1/2	0.78	3,000	12,000	3.5	220
70572	10M3K-XTFXREEL	4657-2249	5/8	0.98	3,000	12,000	4.0	220
70573	12M3K-XTFXREEL	4657-2250	3/4	1.14	3,000	12,000	4.8	220
70574	16M3K-XTFXREEL	4657-2307	1	1.56	3,000	12,000	6.0	165

Global M3K Mega3000® Hose—MegaTuff® Cover

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: High-pressure hydraulic oil lines. Exceeds SAE 100R17 requirements and performance requirements of EN 857 1SC. M3K hose has smaller exterior dimensions and significantly tighter bend radius than other SAE 100R1 and 100R2 hose.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Braided, high-tensile steel wire. -4, -5, -6 and -8 sizes are one braid; -10, -12 and -16 sizes are two braid.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). Available with unique abrasion resistant MegaTuff® or XtraTuff™ cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available 3/4" and 1")
MegaCrimp® Couplings
Permanent Power Crimp® Couplings (-3 only)

Part No.	Description	Product No.						Standard Pack
85525	4M3K-MTF X50FT	4657-4025	1/4	0.47	3,000	12,000	2.0	1
70565	4M3K-MTFXREEL	4657-1181	1/4	0.47	3,000	12,000	2.0	440
85526	6M3K-MTF X50FT	4657-4026	3/8	0.62	3,000	12,000	2.5	1
70566	6M3K-MTFXREEL	4657-1182	3/8	0.62	3,000	12,000	2.5	330
85527	8M3K-MTF X50FT	4657-4027	1/2	0.78	3,000	12,000	3.5	1
70567	8M3K-MTFXREEL	4657-1183	1/2	0.78	3,000	12,000	3.5	330
85528	10M3K-MTF X50FT	4657-4028	5/8	0.98	3,000	12,000	4.0	1
70559	10M3K-MTFXREEL	4657-1184	5/8	0.98	3,000	12,000	4.0	220
85529	12M3K-MTF X50FT	4657-4029	3/4	1.14	3,000	12,000	4.8	1
70560	12M3K-MTFXREEL	4657-1185	3/4	1.14	3,000	12,000	4.8	220
85530	16M3K-MTF X50FT	4657-4030	1	1.56	3,000	12,000	6.0	1
70562	16M3K-MTFXREEL	4657-1186	1	1.56	3,000	12,000	6.0	165

M3KH Wire Braid Hose—High-Temp—SAE 100R17 High Pressure

Recommended For: High-pressure hydraulic oil lines. Meets SAE 100R17 requirements and performance requirements of EN 857 1SC. M3KH hose has smaller exterior dimensions and significantly tighter bend radius than other SAE 100R1 and 100R2 hose.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available for 3/4")
MegaCrimp® Couplings

Part No.	Description	Product No.	⊖	I.D.			R	Standard Pack
70898	4M3KHXREEL	4657-2664	1/4	0.47	3,000	12,000	2.0	440
70789	5M3KHXREEL	4657-4055	5/16	0.59	3,000	12,000	2.2	330
70899	6M3KHXREEL	4657-2696	3/8	0.62	3,000	12,000	2.5	330
70953	8M3KHXREEL	4657-1360	1/2	0.78	3,000	12,000	3.5	220
70954	10M3KHXREEL	4657-1361	5/8	0.98	3,000	12,000	4.0	220
70955	12M3KHXREEL	4657-1362	3/4	1.14	3,000	12,000	4.8	220
70907	16M3KHXREEL	4657-1363	1	1.56	3,000	12,000	6.0	165

M3KH Wire Braid Hose—High-Temp—MegaTuff® Cover High Pressure

MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: High-pressure hydraulic oil lines. Meets SAE 100R17 requirements and performance requirements of EN 857 1SC. M3KH hose has smaller exterior dimensions and significantly tighter bend radius than other SAE 100R1 and 100R2 hose.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available for 3/4")
MegaCrimp® Couplings

Part No.	Description	Product No.	⊖	I.D.			R	Standard Pack
71030	4M3KH-MTFXREEL	4657-2321	1/4	0.47	3,000	12,000	2.0	440
71031	6M3KH-MTFXREEL	4657-2323	3/8	0.62	3,000	12,000	2.5	330
71032	8M3KH-MTFXREEL	4657-2324	1/2	0.78	3,000	12,000	3.5	330
71033	10M3KH-MTFXREEL	4657-2325	5/8	0.98	3,000	12,000	4.0	220
71034	12M3KH-MTFXREEL	4657-2326	3/4	1.14	3,000	12,000	4.8	220
71035	16M3KH-MTFXREEL	4657-2327	1	1.56	3,000	12,000	6.0	165

High Pressure — M2T® MegaFlex® 2-Wire Braid Hose—SAE 100R16

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic oil lines. Exceeds SAE 100R16. M2T hose has smaller exterior dimensions and significantly tighter bend radius.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). Dual green stripe layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings
Permanent Stainless Steel Power Crimp® Couplings

Part No.	Description	Product No.						Standard Pack
85600	4M2T X50FT	4657-1553	1/4	0.54	5,000	20,000	2.0	1
70390	4M2TXREEL	4657-1552	1/4	0.54	5,000	20,000	2.0	550
85601	6M2T X50FT	4657-1550	3/8	0.69	4,000	16,000	2.5	1
70391	6M2TXREEL	4657-1555	3/8	0.69	4,000	16,000	2.5	385
85602	8M2T X50FT	4657-1561	1/2	0.81	3,500	14,000	3.5	1
70392	8M2TXREEL	4657-1559	1/2	0.81	3,500	14,000	3.5	330
85603	10M2T X50FT	4657-1564	5/8	0.95	2,750	12,000	4.0	1
70393	10M2TXREEL	4657-1563	5/8	0.95	3,000	12,000	4.0	220
85604	12M2T X50FT	4657-1568	3/4	1.10	2,250	9,000	4.8	1
70394	12M2TXREEL	4657-1567	3/4	1.10	2,250	9,000	4.8	220
85605	16M2T X50FT	4657-1572	1	1.38	2,000	8,000	6.0	1
70395	16M2TXREEL	4657-1571	1	1.38	2,000	8,000	6.0	165

High Pressure — M2T® MegaFlex® 2-Wire Braid Hose—MegaTuff® Cover

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: High-pressure hydraulic oil lines. Exceeds SAE 100R16. M2T hose has smaller exterior dimensions and significantly tighter bend radius.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). Dual green stripe layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings
Permanent Stainless Steel Power Crimp® Couplings

Part No.	Description	Product No.						Standard Pack
70387	4M2T-MTFXREEL	4657-0222	1/4	0.54	5,000	20,000	2.0	350
70388	6M2T-MTFXREEL	4657-0223	3/8	0.69	4,000	16,000	2.5	330
70389	8M2T-MTFXREEL	4657-0224	1/2	0.81	3,500	14,000	3.5	330
70407	10M2T-MTFXREEL	4657-0225	5/8	0.95	3,000	12,000	4.0	220
70408	12M2T-MTFXREEL	4657-0226	3/4	1.10	2,250	9,000	4.8	220
70409	16M2T-MTFXREEL	4657-0227	1	1.38	2,000	8,000	6.0	165

CM2T MegaFlex® Connected Twin-Line 2-Wire Braid—SAE 100R16

High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic oil lines joined together for easier plumbing and routing. Meets SAE 100R16 requirements. CM2T hose has smaller exterior dimensions and significantly tighter bend radius. Exceeds performance standards of EN 857 2SC and ISO/DIS 1436.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
70350	6CM2T TWIN LINEXCTN	4657-99002	3/8	0.70	4,800	19,200	3.5	215
85544	6CM2T X50FT	4657-2379	3/8	0.70	4,800	19,200	3.5	1
71151	6CM2TDL-XTFXCTN	4657-4974	3/8	0.70	4,800	19,200	3.5	215
70351	8CM2T TWIN LINEXCTN	4657-99665	1/2	0.82	4,000	16,000	5.0	180
85545	8CM2T X50FT	4657-2380	1/2	0.82	4,000	16,000	5.0	1
71152	8CM2TDL-XTFXCTN	4657-4975	1/2	0.82	4,000	16,000	5.0	180
85390	8CM2TDLXTFX50	4657-4981	1/2	0.82	4,000	16,000	5.0	1

Global G2 2-Wire Braid Hose—SAE 100R2 Type AT

High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100R2AT and SAE 100R2 Type S and performance requirements of EN 853 2SN. Qualified to Mil-DTL-13531 Type II Class B.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, thin synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Field Attachable 'Type T' Couplings
MegaCrimp® Couplings (except -24 and -32)
Permanent GSP Couplings (-24 and -32)

Part No.	Description	Product No.						Standard Pack
86620	3G2 X50FT	4657-0029	3/16	0.52	6,000	24,000	3.5	1
70233	3G2XCTN	4657-0020	3/16	0.52	6,000	24,000	3.5	425
86621	4G2 X50FT	4657-4941	1/4	0.58	5,800	23,200	4.0	1
70605	4G2XREEL	4657-0125	1/4	0.58	5,800	23,200	4.0	550
86632	6G2 X100FT	4657-4906	3/8	0.73	4,800	19,200	5.0	1
86622	6G2 X50FT	4657-4916	3/8	0.73	4,800	19,200	5.0	1
70606	6G2XREEL	4657-0126	3/8	0.73	4,800	19,200	5.0	400
86634	8G2 X100FT	4657-4908	1/2	0.86	4,000	16,000	7.0	1
86623	8G2 X50FT	4657-4918	1/2	0.86	4,000	16,000	7.0	1
70607	8G2XREEL	4657-0127	1/2	0.86	4,000	16,000	7.0	330
86626	10G2 X50FT	4657-1965	5/8	0.98	3,625	14,500	8.0	1
70610	10G2XREEL	4657-0132	5/8	0.98	3,625	14,500	8.0	220
86624	12G2 X50FT	4657-4943	3/4	1.14	3,100	12,400	9.5	1
86635	12G2 X50FT	4657-4909	3/4	1.14	3,100	12,400	9.5	1
70608	12G2XREEL	4657-0128	3/4	1.14	3,100	12,400	9.5	220
86625	16G2 X50FT	4657-4945	1	1.48	2,400	9,600	12.0	1
70609	16G2XREEL	4657-0129	1	1.48	2,400	9,600	12.0	165
86627	20G2 X25FT	4657-0689	1 1/4	1.87	1,825	7,300	16.5	1

Global G2 2-Wire Braid Hose—SAE 100R2 Type AT

(continued)

Part No.	Description	Product No.						Standard Pack
70240	20G2XCTN	4657-0644	1 1/4	1.87	1,825	7,300	16.5	120
86628	24G2 X25FT	4657-2507	1 1/2	2.15	1,300	5,000	20.0	1
86648	24G2 X50FT	4657-2516	1 1/2	2.15	1,300	5,000	20.0	1
70319	24G2XCTN	4657-2491	1 1/2	2.15	1,300	5,000	20.0	120
86629	32G2 X25FT	4657-2508	2	2.65	1,175	4,500	25.0	1
86649	32G2 X50FT	4657-2517	2	2.65	1,175	4,500	25.0	1
70320	32G2XCTN	4657-2492	2	2.65	1,175	4,500	25.0	120

High Pressure

Global G2H High-Temp 2-Wire Braid Hose

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100R2AT and performance requirements of EN 853.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil resistant, synthetic rubber (Hypalon® - Type M). Available with unique abrasion resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Field Attachable 'Type T' Couplings
MegaCrimp® Couplings (-20)
Permanent GSP Couplings (-24 and -32)

Part No.	Description	Product No.						Standard Pack
86520	20G2H X50FT	4657-0925	1 1/4	1.87	1,625	6,600	16.5	1
70230	20G2HXCTN	4657-0930	1 1/4	1.87	1,625	6,600	16.5	120
86518	24G2H X50FT	4657-0927	1 1/2	2.15	1,250	5,000	20.0	1
85427	24G2HX25FT	4657-4331	1 1/2	2.15	1.250	5,000	20.0	1
70241	24G2HXCTN	4657-0931	1 1/2	2.15	1,300	5,000	20.0	120
85428	32G2HX25FT	4657-4332	2	2.65	1.175	4,500	2.5	1
70242	32G2HXCTN	4657-0932	2	2.65	1,175	4,500	25.0	120

† Hypalon® is a Registered Trademark of DuPont.

High Pressure

Global G2H High-Temp—MegaTuff® Cover

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: High-pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100R2AT and performance requirements of EN 853.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil resistant, synthetic rubber (Hypalon® - Type M). Available with unique abrasion resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Field Attachable 'Type T' Couplings
MegaCrimp® Couplings (-20)
Permanent GSP Couplings (-24 and -32)

Part No.	Description	Product No.						Standard Pack
70897	20G2H-MTFXCTN	4657-2573	1 1/4	1.87	1,625	6,600	16.5	100
70188	24G2H-MTFXCTN	4657-2151	1 1/2	2.15	1,300	5,000	20.0	100
70189	32G2H-MTFXCTN	4657-2152	2	2.65	1,175	4,500	25.0	100

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G2XH 2-Wire Braid Extreme Heat Hose—SAE 100R2 High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic applications where pressure or temperature requirements exceed SAE 100R2AT Type S and EN 853 2SN or where resistance to either petroleum-base or phosphate ester fluids is required. Meets SAE J1942 requirements.

Tube: Black, oil and chemical resistant, synthetic rubber (CPE).

Reinforcement: Two braids of high-tensile steel wire.

Cover: Blue, oil and abrasion resistant, thin synthetic rubber Hypalon®. Flame resistance - U.S. MSHA 2G.

Temperature Range: Petroleum-base fluids: -40°F to +300°F (-40°C to +149°C). Phosphate esters fluids as recommended by the fluid manufacturer, but within a range of -40°F to +212°F. For water emulsions: Max. +225°F) Pressure lines, Max +180°F Return lines.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85798	4G2XH X 50FT	4657-4008	1/4	0.58	6,000	24,000	4.0	1
70966	4G2XHXREEL	4657-2541	1/4	0.58	6,000	24,000	4.0	550
85799	6G2XH X 50FT	4657-4009	3/8	0.73	5,000	20,000	5.0	1
70967	6G2XHXREEL	4657-2542	3/8	0.73	5,000	20,000	5.0	400
85800	8G2XH X 50FT	4657-4010	1/2	0.86	4,250	17,000	7.0	1
70968	8G2XHXREEL	4657-2543	1/2	0.86	4,250	17,000	7.0	330
85801	10G2XH X 50FT	4657-4011	5/8	0.98	3,625	14,500	8.0	1
70803	10G2XHXREEL	4657-2544	5/8	0.98	3,625	14,500	8.0	220
85802	12G2XH X 50FT	4657-4012	3/4	1.14	3,100	12,400	9.5	1
70909	12G2XHXREEL	4657-2545	3/4	1.14	3,100	12,400	9.5	220
85803	16G2XH X 50FT	4657-4013	1	1.87	2,500	10,000	12.0	1
70878	16G2XHXREEL	4657-2546	1	1.87	2,500	10,000	12.0	165

† Hypalon® is a Registered Trademark of DuPont.

Global G2L PolarFlex® Hose—SAE 100R2 Type AT High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100R2AT and SAE 100R2 Type S and performance requirements of EN 853 2SN. Qualified to Mil-DTL-13531 Type II Class B.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, thin synthetic rubber (Neoprene - Type A). See Hose Stock Characteristics.

Temperature Range: -70°F to +212°F (-57°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Field Attachable 'Type T' Couplings
MegaCrimp® Couplings (except -24 and -32)
Permanent GSP Couplings (-24 and -32)

Part No.	Description	Product No.						Standard Pack
85732	4G2L X50FT	4657-2475	1/4	0.58	5,800	23,200	4.0	1
70286	4G2LXREEL	4657-2202	1/4	0.58	5,800	23,200	4.0	440
85733	6G2L X50FT	4657-2476	3/8	0.73	4,800	19,200	5.0	1
70287	6G2LXREEL	4657-2203	3/8	0.73	4,800	19,200	5.0	385
85734	8G2L X50FT	4657-2477	1/2	0.86	4,000	16,000	7.0	1
70290	8G2LXREEL	4657-2204	1/2	0.86	4,000	16,000	7.0	330
85735	10G2L X50FT	4657-2478	5/8	0.98	3,625	14,500	8.0	1
70291	10G2LXREEL	4657-2205	5/8	0.98	3,625	14,500	8.0	220
85736	12G2L X50FT	4657-2479	3/4	1.14	3,100	12,400	9.5	1
70292	12G2LXREEL	4657-2206	3/4	1.14	3,100	12,400	9.5	220
85737	16G2L X50FT	4657-2480	1	1.48	2,400	9,600	12.0	1
70293	16G2LXREEL	4657-2207	1	1.48	2,400	9,600	12.0	165
85707	20G2LX 50FT	4657-4102	1 1/4	1.87	1,825	7,300	16.5	1
70294	20G2LXCTN	4657-2208	1 1/4	1.87	1,825	7,300	16.5	120
85708	24G2LX 50FT	4657-4103	1 1/2	2.20	1,300	5,200	20.0	1

Global G2L PolarFlex® Hose—SAE 100R2 Type AT

(continued)

Part No.	Description	Product No.						Standard Pack
70314	24G2LXCTN	4657-2315	1 1/2	2.20	1,300	5,200	20.0	120
85709	32G2LX 50FT	4657-4104	2	2.65	1,175	4,700	25.0	1
70315	32G2LXCTN	4657-2316	2	2.65	1,175	4,700	25.0	120

Hot Oiler 2-Wire Braid Hose

Recommended For: Static pressure, hot oiler applications. Designed specifically to handle the transfer of hot oil at 275°F continuous, 300°F intermittent to clear the paraffin around the casing to help start the flow of oil to the surface.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber (Hypalon® - Type M).

Temperature Range: -40°F to +300°F (-40°C to +149°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Field Attachable 'Type T' Couplings
Permanent GSP Couplings

Part No.	Description	Product No.						Standard Pack
70860	24HOXCTN	4657-0063	1 1/2	2.15	2,300	6,900	20.0	120

† Hypalon® is a Registered Trademark of DuPont.

J2AT 2-Wire Braid Jack Hose—10,000 Static Pressure Only

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Hydraulic jack applications. Meets Material Handling Institute specification IJ 100 for hydraulic hose and assemblies used with jacking systems. 10,000 Static Pressure Only

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber (Modified Nitrile - Type C2). Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +120°F (-40°C to +49°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Use MegaCrimp® Male Pipe Long Nose Couplings on jack end of assembly for engagement.

Part No.	Description	Product No.						Standard Pack
85650	4J2AT X50FT	4657-4880	1/4	0.58	10,000	20,000	4.0	1
70800	4J2ATXREEL	4657-1400	1/4	0.58	10,000	20,000	4.0	350
85651	6J2AT X50FT	4657-4881	3/8	0.74	10,000	20,000	5.0	1
70801	6J2ATXREEL	4657-1404	3/8	0.74	10,000	20,000	5.0	330

J2AT 2-Wire Braid Jack Hose—MegaTuff® Cover—10,000 Static Pressure Only

High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: Hydraulic jack applications. Meets Material Handling Institute specification IJ 100 for hydraulic hose and assemblies used with jacking systems. 10,000 Static Pressure Only

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber (Modified Nitrile - Type C2). Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +120°F (-40°C to +49°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Use MegaCrimp® Male Pipe Long Nose Couplings on jack end of assembly for engagement.

Part No.	Description	Product No.						Standard Pack
70469	4J2AT-MTFXREEL	4657-1188	1/4	0.58	10,000	20,000	4.0	350
70471	6J2AT-MTFXREEL	4657-1189	3/8	0.74	10,000	20,000	5.0	330

G1 1-Wire Braid Hose—SAE 100R1 Type AT

Medium Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Medium pressure hydraulic lines. Meets or exceeds the requirements of SAE 100R1 Type AT and SAE 100R1 Type S and performance requirements of EN 853 1SN.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Field Attachable 'Type T' Couplings
MegaCrimp® Couplings (except -3, -24 and -32)
Permanent GSP Couplings (-3 only)

Part No.	Description	Product No.						Standard Pack
70200	3G1XCTN	4657-0618	3/16	0.47	3,625	14,500	3.5	800
70611	3G1XREEL	4657-0599	3/16	0.47	3,625	14,500	3.0	440
86611	4G1 X50FT	4657-4940	1/4	0.53	3,275	13,100	4.0	1
70600	4G1XREEL	4657-0120	1/4	0.53	3,275	13,100	4.0	440
70199	5G1XCTN	4657-0031	5/16	0.59	3,125	12,500	4.5	550
70970	5G1XREEL	4657-0116	5/16	0.59	3,125	12,500	4.5	350
86631	6G1 X100FT	4657-4905	3/8	0.69	2,600	10,400	5.0	1
86612	6G1 X50FT	4657-4915	3/8	0.69	2,600	10,400	5.0	1
70601	6G1XREEL	4657-0121	3/8	0.69	2,600	10,400	5.0	385
86633	8G1 X100FT	4657-4907	1/2	0.82	2,325	9,300	7.0	1
86613	8G1 X50FT	4657-4917	1/2	0.82	2,325	9,300	7.0	1
70602	8G1XREEL	4657-0122	1/2	0.82	2,325	9,300	7.0	330
70612	10G1XREEL	4657-0115	5/8	0.94	1,900	7,600	8.0	220
86614	12G1 X50FT	4657-4942	3/4	1.10	1,525	6,100	9.0	1
70603	12G1XREEL	4657-0123	3/4	1.10	1,525	6,100	9.0	220
86615	16G1 X50FT	4657-4944	1	1.41	1,275	5,100	12.0	1
70604	16G1XREEL	4657-0124	1	1.41	1,275	5,100	12.0	165
70271	20G1XCTN	4657-0646	1 1/4	1.71	925	3,700	16.0	120
70278	24G1XCTN	4657-2489	1 1/2	1.96	725	2,900	20.0	120
70279	32G1XCTN	4657-2490	2	2.52	600	2,700	25.0	120

G1H 1-Wire Braid Hose—High-Temp—SAE 100R1 Type AT

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Medium pressure hydraulic oil lines. Meets or exceeds requirements of SAE 100R1 Type AT.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber (Hypalon® - Type M).

Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings (except -24 and -32)
Permanent GSP Couplings (-24 and -32)

Part No.	Description	Product No.						Standard Pack
85922	4G1HX 50FT	4657-4105	1/4	0.53	2,750	11,000	4.0	1
70755	4G1HXREEL	4657-2175	1/4	0.53	2,750	11,000	4.0	440
85923	6G1HX 50FT	4657-4106	3/8	0.69	2,250	9,000	5.0	1
70756	6G1HXREEL	4657-2176	3/8	0.69	2,250	9,000	5.0	385
85924	8G1HX 50FT	4657-4107	1/2	0.82	2,000	8,000	7.0	1
70757	8G1HXREEL	4657-2177	1/2	0.82	2,000	8,000	7.0	330
85925	10G1HX 50FT	4657-4108	5/8	0.94	1,500	6,000	8.0	1
70214	10G1HXCTN	4657-0910	5/8	0.94	1,500	6,000	8.0	225
70758	10G1HXREEL	4657-2178	5/8	0.94	1,500	6,000	8.0	220
85938	12G1H X50FT	4657-2617	3/4	1.10	1,250	5,000	9.5	1
70759	12G1HXREEL	4657-2179	3/4	1.10	1,250	5,000	9.5	220
85934	16G1HX 50FT	4657-4109	1	1.41	1,000	4,000	12.0	1
70210	16G1HXCTN	4657-0904	1	1.41	1,000	4,000	12.0	120
70760	16G1HXREEL	4657-2180	1	1.41	1,000	4,000	12.0	165
85935	20G1HX 50FT	4657-4110	1 1/4	1.72	925	2,500	16.0	1
70211	20G1HXCTN	4657-0940	1 1/4	1.72	925	2,500	16.0	120
85936	24G1HX 50FT	4657-4111	1 1/2	1.96	725	2,900	20.0	1
70212	24G1HXCTN	4657-0934	1 1/2	1.96	725	2,900	20.0	120
85937	32G1HX 50FT	4657-4112	2	2.52	600	2,400	25.0	1
70213	32G1HXCTN	4657-0935	2	2.52	600	2,400	25.0	120

† Hypalon® is a Registered Trademark of DuPont.

RFS Red Fire Suppressant Hose

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Low-pressure powder fire suppressant applications in mining, forestry and fire fighting equipment. The red cover is for easy visual identification in these applications. Meets performance requirements 100R Type S.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Red, oil and abrasion resistant (Modified Nitrile - Type C2).

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings
Permanent Power Crimp® Couplings (-3 only)

Part No.	Description	Product No.						Standard Pack
H24100-03F	3RFSXREEL	4657-2145	3/8	0.45	3,000	12,000	3.0	440
H24100-04F	4RFSXREEL	4657-3314	1/4	0.53	2,750	11,000	4.0	440
H24100-06F	6RFSXREEL	4657-3313	3/8	0.68	2,250	9,000	5.0	300
H24100-08F	8RFSXREEL	4657-3315	1/2	0.80	2,000	8,000	7.0	330
H24100-12F	12RFSXREEL	4657-3316	3/4	1.09	1,250	5,000	9.5	300
H24100-16F	16RFSXREEL	4657-2155	1	1.41	1,000	4,000	12.0	165

G3H High-Temp 2-Fiber Braid Hose—SAE 100R3 Medium Pressure

Recommended For: Hydraulic oil lines, anti-freeze solutions or water. Meets or exceeds requirements of SAE 100R3.

Tube: Black, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two fiber braids.

Cover: Black, oil and abrasion resistant, synthetic rubber (Neoprene - Type A). See Hose Stock Characteristics.

Temperature Range: For hydraulic oil lines -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Permanent Power Crimp® Couplings

Part No.	Description	Product No.							Standard Pack
85951	4G3H X25FT	3319-4263	1/4	0.56	1,250	5,000	3.0	28	1
70127	4G3HXCTN	3319-0088	1/4	0.56	1,250	5,000	3.0	28	455
85950	5G3HX 50FT	3319-4717	5/16	0.66	1,200	4,750	3.5	28	1
70420	5G3HXCTN	3319-4287	5/16	0.66	1,200	4,750	3.5	28	330
85952	6G3H X25FT	3319-4262	3/8	0.75	1,125	4,500	4.0	28	1
70128	6G3HXCTN	3319-0087	3/8	0.75	1,125	4,500	4.0	28	350
85953	8G3H X25FT	3319-4261	1/2	0.94	1,000	4,000	5.0	28	1
70126	8G3HXCTN	3319-0090	1/2	0.94	1,000	4,000	5.0	28	225
70421	10G3HXCTN	3319-4288	5/8	1.10	900	3,500	5.5	28	200
85954	12G3H X25FT	3319-4265	3/4	1.25	750	3,000	6.0	28	1
70119	12G3HXCTN	3319-0091	3/4	1.25	750	3,000	6.0	28	160
85955	16G3H X25FT	3319-4264	1	1.50	565	2,250	8.0	20	1
70120	16G3HXCTN	3319-0092	1	1.50	565	2,250	8.0	20	120
85956	20G3HX 50FT	3319-4718	1 1/4	1.75	375	1,500	10.0	15	1
70121	20G3HXCTN	3319-0071	1 1/4	1.75	375	1,500	10.0	15	120
85957	24G3HX 50FT	3319-4719	1 1/2	1.94	300	1,200	12.0	10	1
70422	24G3HXCTN	3319-4289	1 1/2	1.94	300	1,200	12.0	10	120

GTH High-Temp 1-Fiber Braid Hose—SAE 100R6 Low Pressure

Recommended For: Hydraulic oil lines, heavy-duty transmission oil cooler lines and glycol anti-freeze solutions. Meets or exceeds requirements of SAE 100R6.

Tube: Black, specially compounded, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One fiber braid.

Cover: Black, oil and abrasion resistant, synthetic rubber (Neoprene - Type A). See Hose Stock Characteristics.

Temperature Range: For hydraulic oil lines -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GLP Couplings (except -3 and -5)
MegaCrimp® Couplings (except -3)
Permanent Power Crimp® Couplings (-3 only)

Part No.	Description	Product No.							Standard Pack
70106	3GTHXCTN	3319-3301	3/16	0.44	500	2,000	2.0	28	715
70107	4GTHXCTN	3319-3305	1/4	0.50	400	1,600	2.5	28	775
86687	5GTH X50FT	3319-0305	5/16	0.56	400	1,600	3.0	28	1
70108	5GTHXCTN	3319-3310	5/16	0.56	400	1,600	3.0	28	650
86688	6GTHX X50FT	3289-0005	3/8	0.63	400	1,600	3.0	28	1
86618	8GTH X50FT	3319-3317	1/2	0.78	400	1,600	4.0	18	1
70110	8GTHXCTN	3319-3320	1/2	0.78	400	1,600	4.0	18	400
70131	8GTHXREEL	3319-3323	1/2	0.78	400	1,600	4.0	18	200
86695	10GTH X25FT	3319-4268	5/8	0.91	350	1,400	5.0	15	1
70111	10GTHXCTN	3319-3325	5/8	0.91	350	1,400	5.0	15	250
70130	12GTHXCTN	3319-3335	3/4	1.06	300	1,200	5.5	15	225
70746	16GTHXCTN	3319-3345	1	1.13	250	1,000	8.0	10	165

Low Pressure

GTHX High-Temp Fiber Spiral Hose—SAE 100R6

Recommended For: Hydraulic oil lines, heavy-duty transmission oil cooler lines and glycol anti-freeze solutions. Meets or exceeds requirements of SAE 100R6.

Tube: Black, specially compounded, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Spiraled synthetic fiber.

Cover: Black, oil and abrasion resistant, synthetic rubber (Neoprene - Type A). See Hose Stock Characteristics.

Temperature Range: For hydraulic oil lines -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GLP Couplings
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
70109	6GTH XREEL	3289-0002	3/8	0.63	400	1,600	3.0	300

Low Pressure

M500 Wire Braid Hose

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Pilot lines, pressure return lines, 500 psi or less pressure applications.

Tube: Black, oil resistant, synthetic rubber (NBR).

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber, flame resistance.

Temperature Range: -40°F to +212°F (-40°C to +100°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GLP Couplings
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85442	4M500X 50FT	4657-4087	1/4	0.48	500	2,000	2.0	1
70747	4M500XREEL	4657-8027	1/4	0.48	500	2,000	2.0	440
85443	6M500X 50FT	4657-4088	3/8	0.63	500	2,000	2.5	1
70748	6M500XREEL	4657-8028	3/8	0.63	500	2,000	2.5	330
85444	8M500X 50FT	4657-4089	1/2	0.76	500	2,000	3.5	1
70749	8M500XREEL	4657-8029	1/2	0.76	500	2,000	3.5	220
85445	10M500X 50FT	4657-4090	5/8	0.93	500	2,000	4.0	1
70752	10M500XREEL	4657-8030	5/8	0.93	500	2,000	4.0	220
85446	12M500X 50FT	4657-4091	3/4	1.09	500	2,000	4.8	1
70770	12M500XREEL	4657-8031	3/4	1.09	500	2,000	4.8	220
85447	16M500X 50FT	4657-4092	1	1.40	500	2,000	6.0	1
70974	16M500XREEL	4657-8032	1	1.40	500	2,000	6.0	165

M500 XtraTuff™ Wire Braid Hose

Low Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Pilot lines, pressure return lines, 500 psi or less pressure applications.

Tube: Black, oil resistant, synthetic rubber (NBR).

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber, flame resistance.

Temperature Range: -40°F to +212°F (-40°C to +100°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GLP Couplings
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
70979	4M500XTFXREEL	4657-8033	1/4	0.48	500	2,000	2.0	440
70980	6M500XTFXREEL	4657-8034	3/8	0.63	500	2,000	2.5	330
70981	8M500XTFXREEL	4657-8035	1/2	0.76	500	2,000	3.5	220
70982	10M500XTFXREEL	4657-8036	5/8	0.93	500	2,000	4.0	220
70983	12M500XTFXREEL	4657-8037	3/4	1.09	500	2,000	4.8	220
70984	16M500XTFXREEL	4657-8038	1	1.40	500	2,000	6.0	165

M500 MegaTuff® Wire Braid Hose

Low Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Pilot lines, pressure return lines, 500 psi or less pressure applications.

Tube: Black, oil resistant, synthetic rubber (NBR).

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber, flame resistance.

Temperature Range: -40°F to +212°F (-40°C to +100°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GLP Couplings
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
70985	4M500MTFXREEL	4657-8039	1/4	0.48	500	2,000	2.0	440
70986	6M500MTFXREEL	4657-8040	3/8	0.63	500	2,000	2.5	330
70987	8M500MTFXREEL	4657-8041	1/2	0.76	500	2,000	3.5	220

Low Pressure

GMV Global MegaVac® Return Line and Suction Hose

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Petroleum and water-base hydraulic fluids in suction lines or in low pressure return lines. Meets or exceeds requirements of SAE100R4. Uses half the bend radius of SAE 100R4. Meets marine ABS with use of HeatGuard™ high temp sleeve.

Tube: Black, synthetic rubber is specifically designed for resistance to high temperatures (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Double spiral textile (braid for -12, -16 and -20) reinforced with a helical spiral-wire to prevent collapse.

Cover: Black synthetic rubber is oil and abrasion resistant (Neoprene - Type A). See Hose Stock Characteristics.

Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GL Couplings
MegaCrimp® Couplings (-12 through -20)

Part No.	Description	Product No.							Standard Pack
85577	12GMV X25FT	4504-0961	3/4	1.22	350	1,400	2.5	25	1
70184	12GMVXCTN	4504-0123	3/4	1.22	350	1,400	2.5	25	100
85578	16GMV X25FT	4504-0962	1	1.45	300	1,200	3.0	25	1
70185	16GMVXCTN	4504-0003	1	1.45	300	1,200	3.0	25	100
85579	20GMV X25FT	4504-0963	1 1/4	1.76	250	1,000	4.0	25	1
70186	20GMVXCTN	4504-0004	1 1/4	1.76	250	1,000	4.0	25	100
85583	24G4H X25FT	3105-0030	1 1/2	2.01	162	650	5.0	25	1
70136	24GMVX100FT	3105-0004	1 1/2	2.01	162	650	5.0	25	100
85584	32GMV X25FT	3105-0031	2	2.51	112	450	6.0	25	1
70137	32GMVX100FT	3105-0006	2	2.51	112	450	6.0	25	100
70147	36GMVXCTN*	3105-0008	2 1/4	2.76	88	350	7.0	25	100
70138	40GMVX100FT	3105-0010	2 1/2	3.02	68	275	7.0	25	100
70139	48GMVX100FT	3105-0014	3	3.51	62	250	9.0	25	100
70140	56GMVX100FT	3105-0015	3 1/2	4.01	56	225	10.0	25	100
70141	64GMVX100FT	3105-0018	4	4.51	56	225	12.0	25	100

** Stem and clamp only, no Gates couplings available.*

Low Pressure

G4H MegaVac® Return Line and Suction Hose

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Petroleum and water-base hydraulic fluids in suction lines or in low pressure return lines. Meets or exceeds requirements of SAE100R4 (except 1" I.D.). Uses half the bend radius of SAE 100R4.

Tube: Black, synthetic rubber is specifically designed for resistance to high temperatures (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Double spiral textile reinforced with a helical spiral-wire to prevent collapse.

Cover: Black synthetic rubber is oil and abrasion resistant (Neoprene - Type A). See Hose Stock Characteristics.

Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GL Couplings
MegaCrimp® Couplings
Use clamp over beaded nipple.

Part No.	Description	Product No.							Standard Pack
85580	12G4H X25FT	3105-0027	3/4	1.17	300	1,200	2.5	25	1
70133	12G4HXCTN	3105-0022	3/4	1.17	300	1,200	2.5	25	100
85581	16G4H X25FT	3105-0028	1	1.43	200	850	3.0	25	1
70134	16G4HXCTN	3105-0001	1	1.43	212	850	3.0	25	100
85582	20G4H X25FT	3105-0029	1 1/4	1.68	200	800	4.0	25	1
70135	20G4HXCTN	3105-0036	1 1/4	1.68	200	800	4.0	25	100

RLA 1-Fiber Braid Return Line and Low Pressure Hose — Low Pressure

Recommended For: Low-pressure hydraulic oil return lines for general purpose water, glycol antifreeze solutions, conveying diesel fuel, gasoline or air. Meets SAE 30R2 performance requirements of both Type 1 and Type 2 for fuel and B20 constant contact up to 125°F biodiesel fuel transfer applications.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One fiber braid (-3 to -10). Spiral braid (-12 to -16).

Cover: Black, synthetic rubber. Oil and abrasion resistant (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). Air to +160°F (+71°C) only. For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GLP Couplings (except -3, -5 and -16)
MegaCrimp® Couplings
Permanent Power Crimp® Couplings (-3 only)

Part No.	Description	Product No.							Standard Pack
85940	3RLA X25FT	3284-4028	3/16	0.41	250	1,000	3.0	28	1
70040	3RLAXREEL	3284-0110	3/16	0.41	250	1,000	3.0	28	550
85941	4RLA X25FT	3284-4029	1/4	0.50	250	1,000	3.0	28	1
70041	4RLAXREEL	3284-0120	1/4	0.50	250	1,000	3.0	28	550
85942	5RLA X25FT	3284-4030	5/16	0.56	250	1,000	4.0	28	1
70042	5RLAXREEL	3284-0130	5/16	0.56	250	1,000	4.0	28	550
85943	6RLA X25FT	3284-4031	3/8	0.66	250	1,000	4.0	28	1
70043	6RLAXREEL	3284-0140	3/8	0.66	250	1,000	4.0	28	550
85944	8RLA X25FT	3284-4032	1/2	0.81	200	800	5.0	20	1
70044	8RLAXREEL	3284-0150	1/2	0.81	200	800	5.0	20	550
85945	10RLA X25FT	3284-4033	5/8	0.94	200	800	6.0	15	1
70045	10RLAXREEL	3284-0160	5/8	0.94	200	800	6.0	15	550
85946	12RLA X25FT	3284-4088	3/4	1.09	200	800	6.0	10	1
70046	12RLAXREEL	3284-0170	3/4	1.09	200	800	6.0	10	650
85947	16RLA X25FT	3284-4181	1	1.34	160	640	8.0	10	1
70047	16RLAXREEL	3284-0180	1	1.34	160	640	8.0	10	400

RLC 3-Fiber Braid Return Line and Low Pressure Hose — Low Pressure

Recommended For: Petroleum-base hydraulic oils, glycol antifreeze, air or water in low pressure fluid transfer or hydraulic system return lines. Generally connected to 100R4 stems, beaded nipples, or tube type ports with worm gear clamps.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Three fiber braids.

Cover: Black, oil and abrasion resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: For hydraulic oil lines -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time); air to +160°F (+71°C) only. For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Use barbed stem or beaded-tube with clamps only.

Part No.	Description	Product No.							Standard Pack
70142	16RLCXCTN	3319-0261	1	1.62	200	800	9.0	25	50
70074	20RLCXCTN	3319-0263	1 1/4	1.88	200	800	10.0	25	50
70075	24RLCXCTN	3319-0264	1 1/2	2.12	200	800	11.0	25	100
70143	28RLCXCTN	3319-0265	1 3/4	2.38	200	800	12.0	25	50
70076	32RLCXCTN	3319-0266	2	2.56	200	800	13.0	25	50
70070	36RLCXCTN	3319-0267	2 1/4	2.87	150	600	14.0	25	50
70077	40RLCXCTN	3319-0268	2 1/2	3.12	150	600	16.0	25	50
70078	48RLCXCTN	3319-0270	3	3.62	150	600	20.0	25	50
70081	56RLCXCTN	3319-0272	3 1/2	4.12	150	600	24.0	25	50
70144	72RLCX10FT	3319-0273	4 1/2	5.19	100	400	54.0	25	10

Low Pressure **MegaTech® LOC 1-Fiber Braid High-Temp Lock-On Hose**

Recommended For: High-temperature (300°F) transmission oil cooler lines, pressurized hot oil return lines and turbocharger oil supply lines. Meets or exceeds SAE J1019 performance specifications for high-temperature transmission and lubricating oil systems using petroleum base oils. Not recommended for gasoline or diesel fuel applications.

Tube: True-bore GTS (Gates Technical Spec.) black tube, specifically compounded for temperature and chemical resistance (CPE - Type J).

Reinforcement: One fiber braid.

Cover: Oil and mildew resistant, textile braid, impregnated with synthetic rubber.

Temperature Range: -40°F to +300°F (-40°C to +149°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Field Attachable LOC Couplings
GLP Couplings (-4 through -12)
MegaCrimp® Couplings (-16)

Part No.	Description	Product No.						Standard Pack
76993	4MEGATECHLOCXREEL	4319-0106	1/4	0.50	300	1,200	3.0	575
76994	6MEGATECHLOCXREEL	4319-0107	3/8	0.64	300	1,200	3.0	600
76995	8MEGATECHLOCXREEL	4319-0108	1/2	0.78	300	1,200	5.0	335
76996	10MEGATECHLOCXREEL	4319-0109	1/2	0.91	300	1,200	6.0	260
76997	12MEGATECHLOCXREEL	4319-0110	3/4	1.08	300	1,200	7.0	220
76998	16MEGATECHLOCXREEL	4319-0111	1	1.33	300	1,200	7.0	200

Low Pressure **LOC 1-Fiber Braid Lock-On Hose**

Recommended For: Petroleum-base hydraulic oils, glycol antifreeze compounds, water, engine lubricating oils and air. Lock-On hose and couplings are NOT recommended for vibration or pressure surge applications, such as permanent piping in residential or commercial buildings. Meets SAE 30R2, SAE 30R6 and SAE 30R7 performance requirements for fuel and B20 biodiesel fuel transfer applications up to +125°F.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One fiber braid.

Cover: Oil and mildew resistant, textile braid, impregnated with synthetic rubber.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For air: -40°F to +160°F (-40°C to +71°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Field Attachable LOC Couplings
GLP Couplings

Part No.	Description	Product No.						Standard Pack
86691	4LOC X50FT	4319-4935	1/4	0.52	250	1,000	3.0	1
70030	4LOCXREEL	4319-0112	1/4	0.52	300	1,000	3.0	300
86692	6LOC X50FT	4319-4936	3/8	0.64	250	1,000	3.0	1
70031	6LOCXREEL	4319-0113	3/8	0.64	300	1,000	3.0	300
86693	8LOC X50FT	4319-4937	1/2	0.80	250	1,000	5.0	1
70032	8LOCXREEL	4319-0114	1/2	0.80	300	1,000	5.0	300
70033	10LOCXREEL	4319-0115	5/8	0.90	300	1,000	6.0	250
70034	12LOCXREEL	4319-0116	3/4	1.00	300	1,000	7.0	225

(Black Cover Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Petroleum-base hydraulic oils, water, glycol antifreeze solutions, engine lubricating oils, and air. Lock-On hose and couplings are NOT recommended for pressure surge applications or critical applications, such as permanent piping in residential or commercial buildings. Do not use for gasoline or diesel fuels, unless approved by Gates H/C Product Application.

Tube: Black, oil resistant, synthetic rubber highly resistant to oil and heat (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One fiber braid.

Cover: Oil and abrasion resistant synthetic rubber (Modified Nitrile - Type C2). Available in black Neoprene (LOLA), blue (LOLB), green (LOLG), red (LOLR), yellow (LOLY) and gray (LOLC) colors.

Temperature Range: -40°F to +212°F (-40°C to +100°C). Air to +160°F (+71°C) only. For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Field Attachable LOC Couplings
GLP Couplings (except -3)
Use clamp over beaded nipple.

Part No.	Description	Product No.							Standard Pack
70650	3LOLAXREEL*	3284-2500	3/16	0.41	300	1,200	3.0	28	300
70651	3LOLBXREEL*	3284-2510	3/16	0.41	300	1,200	3.0	28	300
70655	3LOLCXREEL*	3284-2520	3/16	0.41	300	1,200	3.0	28	300
70652	3LOLGXREEL*	3284-2530	3/16	0.41	300	1,200	3.0	28	300
70653	3LOLRXREEL*	3284-2540	3/16	0.41	300	1,200	3.0	28	300
70654	3LOLYXREEL*	3284-2560	3/16	0.41	300	1,200	3.0	28	300
85961	4LOLA X50FT	3284-2266	1/4	0.47	300	1,200	3.0	28	1
70657	4LOLAXREEL	3284-2501	1/4	0.47	300	1,200	3.0	28	475
85967	4LOLB X25FT	3284-2272	1/4	0.47	300	1,200	3.0	28	1
70658	4LOLBXREEL	3284-2511	1/4	0.47	300	1,200	3.0	28	475
70662	4LOLCXREEL	3284-2521	1/4	0.47	300	1,200	3.0	28	475
85972	4LOLG X25FT	3284-2277	1/4	0.47	300	1,200	3.0	28	1
70659	4LOLGXREEL	3284-2531	1/4	0.47	300	1,200	3.0	28	475
85976	4LOLR X25FT	3284-2281	1/4	0.47	300	1,200	3.0	28	1
70660	4LOLRXREEL	3284-2541	1/4	0.47	300	1,200	3.0	28	475
70661	4LOLYXREEL	3284-2561	1/4	0.47	300	1,200	3.0	28	475
85960	5LOLA X25FT	3284-2297	5/16	0.55	300	1,200	3.0	28	1
85962	5LOLA X50FT	3284-2267	5/16	0.55	300	1,200	3.0	28	1
70664	5LOLAXREEL	3284-2502	5/16	0.55	300	1,200	3.0	28	300
85963	6LOLA X50FT	3284-2268	3/8	0.63	300	1,200	3.0	28	1
70665	6LOLAXREEL	3284-2503	3/8	0.63	300	1,200	3.0	28	300
85968	6LOLB X25FT	3284-2273	3/8	0.63	300	1,200	3.0	28	1
70666	6LOLBXREEL	3284-2513	3/8	0.63	300	1,200	3.0	28	300
70670	6LOLCXREEL	3284-2523	3/8	0.63	300	1,200	3.0	28	300
85973	6LOLG X25FT	3284-2278	3/8	0.63	300	1,200	3.0	28	1
70667	6LOLGXREEL	3284-2533	3/8	0.63	300	1,200	3.0	28	300
85977	6LOLR X25FT	3284-2282	3/8	0.63	300	1,200	3.0	28	1
70668	6LOLRXREEL	3284-2543	3/8	0.63	300	1,200	3.0	28	300
70669	6LOLYXREEL	3284-2563	3/8	0.63	300	1,200	3.0	28	300
85964	8LOLA X50FT	3284-2269	1/2	0.77	300	1,200	5.0	28	1
70672	8LOLAXREEL	3284-2504	1/2	0.77	300	1,200	5.0	28	300
85969	8LOLB X25FT	3284-2274	1/2	0.77	300	1,200	5.0	28	1
70673	8LOLBXREEL	3284-2515	1/2	0.77	300	1,200	5.0	28	300
70677	8LOLCXREEL	3284-2525	1/2	0.77	300	1,200	5.0	28	300
85974	8LOLG X25FT	3284-2279	1/2	0.77	300	1,200	5.0	28	1
70674	8LOLGXREEL	3284-2535	1/2	0.77	300	1,200	5.0	28	300
85978	8LOLR X25FT	3284-2283	1/2	0.77	300	1,200	5.0	28	1
70675	8LOLRXREEL	3284-2545	1/2	0.77	300	1,200	5.0	28	300
70676	8LOLYXREEL	3284-2565	1/2	0.77	300	1,200	5.0	28	300
85965	10LOLA X50FT	3284-2270	5/8	0.94	300	1,200	6.0	28	1
70679	10LOLAXREEL	3284-2505	5/8	0.94	300	1,200	6.0	28	250
85970	10LOLB X25FT	3284-2275	5/8	0.94	300	1,200	6.0	28	1
70680	10LOLBXREEL	3284-2517	5/8	0.94	300	1,200	6.0	28	250
70684	10LOLCXREEL	3284-2527	5/8	0.94	300	1,200	6.0	28	250
70681	10LOLGXREEL*	3284-2537	5/8	0.94	300	1,200	7.0	28	250
70682	10LOLRXREEL*	3284-2547	5/8	0.94	300	1,200	6.0	28	250
70683	10LOLYXREEL*	3284-2567	5/8	0.94	300	1,200	6.0	28	250
85966	12LOLA X50FT	3284-2271	3/4	1.06	300	1,200	7.0	15	1
70686	12LOLAXREEL	3284-2506	3/4	1.06	300	1,200	7.0	15	225
85971	12LOLB X25FT	3284-2276	3/4	1.06	300	1,200	7.0	15	1
70687	12LOLBXREEL	3284-2519	3/4	1.06	300	1,200	7.0	15	225

** Couplings for this size are available on special order only.*

LOL Plus Lock-On Hose

(continued)

Part No.	Description	Product No.							Standard Pack
70691	12LOLCXREEL	3284-2529	3/4	1.06	300	1,200	7.0	15	225
85975	12LOLG X25FT	3284-2280	3/4	1.06	300	1,200	7.0	15	1
70688	12LOLGXREEL	3284-2536	3/4	1.06	300	1,200	6.0	15	225
85979	12LOLR X25FT	3284-2284	3/4	1.06	300	1,200	7.0	15	1
70689	12LOLRXREEL	3284-2549	3/4	1.06	300	1,200	7.0	15	225
70690	12LOLYXREEL	3284-2569	3/4	1.06	300	1,200	7.0	15	225

LOL Lock-On Hose is packaged in UPS shippable reels.
The use of clamps with LOC Couplings is not recommended.

PowerClean™ Hose

Recommended For: Heavy-duty use on hot and cold water high pressure cleaning equipment where heavy duty service is required. Flexible. Use Bend Restrictors to extend service life. NOTE: Not recommended for steam service.

Tube: Synthetic rubber specially compounded to handle high-pressure water service.

Reinforcement: High tensile steel one- or two-wire braid.

Cover: Specially compounded to handle pressure washer environment.

Temperature Range: -40°F to +250°F (-40° C to +121°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
70840	4PC3500 BLK REEL	4657-2400	1/4	0.53	3,500	14,000	4.0	300
85720	4PC3500 X50FT	4657-2467	1/4	0.53	3,500	14,000	4.0	1
70841	4PC6000 BLK REEL	4657-2410	3/8	0.68	6,000	12,000	4.0	300
70842	6PC3000 BLK REEL	4657-2402	3/8	0.68	3,000	12,000	5.0	300
70843	6PC3000 BLU REEL	4657-2404	3/8	0.68	3,000	12,000	5.0	300
85722	6PC3000 X50FT	4657-2469	3/8	0.68	3,000	12,000	5.0	1
85698	6PC3000 YELLOW X50FT	4657-0064	3/8	0.68	3,000	12,000	4.0	1
70848	6PC3000 YLW REEL	4657-2417	3/8	0.68	3,000	12,000	5.0	300
85723	6PC3000BLU X50FT	4657-2470	3/8	0.68	3,000	12,000	5.0	1
70844	6PC4000 BLK REEL	4657-2225	3/8	0.68	4,000	16,000	5.0	300
85724	6PC4000 X50FT	4657-2471	3/8	0.68	4,000	16,000	5.0	1
70845	6PC5000 BLK REEL	4657-2407	3/8	0.74	5,000	20,000	5.0	300
85725	6PC5000 X50FT	4657-2472	3/8	0.74	5,000	20,000	5.0	1
85721	6PC6000 X 50FT	4657-2468	3/8	0.74	6,000	24,000	4.0	1
70846	8PC2500 BLK REEL	4657-2408	1/2	0.80	2,500	10,000	7.0	300
85726	8PC2500 X50FT	4657-2473	1/2	0.80	2,500	10,000	7.0	1
70847	8PC4000 BLK REEL	4657-2426	1/2	0.86	4,000	16,000	7.0	300
85727	8PC4000 X50FT	4657-2474	1/2	0.86	4,000	16,000	7.0	1

NOTE: Not recommended for Steam Hose.

LP350 Hose

Application Note: No LP350 hose assemblies 60” or longer allowed per UL requirement.

Recommended For: Liquid or gaseous propane, butane or any combination of these two mixtures up to 350 psi rated working pressure. Can be used for natural gas under certain conditions such as: open/outside areas and well ventilated factory buildings (if local building codes permit). Not recommended for residential or office buildings. Contact Denver Product Application (303) 744-5070 for inspection and assembly testing information. Meets UL Standard #21, CAN/CGA-8.1-M86, NFPA 58, Section 8-3, 5.

Tube: Nitrile - Type C. See Hose Stock Characteristics.

Reinforcement: Braided, high tensile synthetic textile cord.

Cover: Black perforated Neoprene - Type A. See Hose Stock Characteristics.

Temperature Range: -40°F to +180°F (-40°C to +82°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Permanent PC Couplings

Part No.	Description	Product No.						Standard Pack
85717	4LP350 X50FT	3220-1116	1/4	0.56	350	1,400	—	1
85718	6LP350 X50FT	3220-1123	3/8	0.70	350	1,400	—	1
85738	12LP350XX50FT	3220-1302	3/4	—	—	—	—	1

Nylon Air Brake Tubing

Recommended For: Truck, bus and mobile air brake, and service lines where heat and battery acids are not present. Conforms to SAE J844 specifications. Meets D.O.T. FMVSS 106-74.

Tube: Heat and light stabilized seamless extruded nylon.

Reinforcement: Type A: Non-reinforced in sizes 1/8", 5/32", 3/16" and 1/4". NOTE: 1/8" and 5/32" are NOT recognized by D.O.T. for air brake systems, these are for service lines only.
Type B: Reinforced with one open ply of fibrous nylon in sizes 5/16", 3/8", 1/2", 5/8" and 3/4".

Cover: Nylon. Available in black (NABTA), blue (NABTB), green (NABTG), red (NABTR), yellow (NABTY), orange (NABTO), purple (NABTP), brown (NABTN), silver (NABTS) and white (NABTW) colors. Other colors available upon request.

Temperature Range: -40°F to +200°F (-40°C to +93°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Gates DOT Compression
Gates DOT SureLok™ Couplings

Part No.	Description	Product No.		Type				Standard Pack
H30002-25	2.5NABTA X100FT	4327-0050	5/32	A	150	800	.5	1
H30002-02	2NABTA X100FT	4327-0049	1/8	A	150	800	.37	1
H30000-02	2NABTAXLG REEL	4327-0117	1/8	A	150	800	.37	1000
H30002-03	3NABTA X100FT	4327-0051	3/16	A	150	800	.75	1
H30002-04	4NABTA X100FT	4327-0052	1/4	B	150	800	1.0	1
H30000-04	4NABTAXLG REEL	4327-0101	1/4	A	150	800	1.0	1000
H30062-04	4NABTB X100FT	4327-0068	1/4	A	150	800	1.0	1
H30042-04	4NABTG X100FT	4327-0058	1/4	A	150	800	1.0	1
H30010-04	4NABTNXREEL	4327-0103	1/4	A	150	800	1.0	4000
H30082-04	4NABTO X100FT	4327-0078	1/4	A	150	960	1.0	1
H30052-04	4NABTR X100FT	4327-0063	1/4	A	150	800	1.0	1
H30090-04	4NABTSXREEL	4327-0106	1/4	A	150	800	1.0	1000
H30072-04	4NABTY X100FT	4327-0073	1/4	A	150	800	1.0	1
H30002-05	5NABTA X100FT	4327-0053	5/16	B	150	800	1.25	1
H30000-05	5NABTAXREEL	4327-0120	5/16	B	150	800	1.25	500
H30002-06	6NABTA X100FT	4327-0054	3/8	B	150	800	1.5	1
H30000-06	6NABTAXLG REEL	4327-0201	3/8	B	150	800	1.5	1000
H30062-06	6NABTB X100FT	4327-0069	3/8	B	150	800	1.25	1
H30042-06	6NABTG X100FT	4327-0059	3/8	B	150	800	1.25	1
H30082-06	6NABTO X100FT	4327-0079	3/8	B	150	1,120	1.25	1
H30052-06	6NABTR X100FT	4327-0064	3/8	B	150	800	1.25	1
H30072-06	6NABTY X100FT	4327-0074	3/8	B	150	800	1.25	1
H30070-06	6NABTYXREEL	4327-0111	3/8	B	150	800	1.25	1000
H30002-08	8NABTA X100FT	4327-0055	1/2	B	150	760	2.0	1
H30000-08	8NABTAXREEL	4327-0112	1/2	B	150	760	2.0	500
H30062-08	8NABTB X100FT	4327-0070	1/2	B	150	760	2.0	1
H30042-08	8NABTG X100FT	4327-0060	1/2	B	150	760	2.0	1
H30082-08	8NABTO X100FT	4327-0080	1/2	B	150	760	2.0	1
H30052-08	8NABTR X100FT	4327-0065	1/2	B	150	760	2.0	1

(continued)

Part No.	Description	Product No.		Type				Standard Pack
H30090-08	8NABTSXREEL	4327-0114	1/2	B	150	760	2.0	500
H30072-08	8NABTY X100FT	4327-0075	1/2	B	150	760	2.0	1
H30003-10	10NABTA X50FT	4327-0056	5/8	B	150	720	2.5	1
H30000-10	10NABTAXREEL	4327-0115	5/8	B	150	720	2.5	250
H30063-10	10NABTB X50FT	4327-0071	5/8	B	150	720	2.5	1
H30043-10	10NABTG X50FT	4327-0061	5/8	B	150	720	2.5	1
H30083-10	10NABTO X50FT	4327-0081	5/8	B	150	720	2.5	1
H30053-10	10NABTR X50FT	4327-0066	5/8	B	150	720	2.5	1
H30073-10	10NABTY X50FT	4327-0076	5/8	B	150	720	2.5	1
H30003-12	12NABTA X50FT	4327-0057	3/4	B	150	640	3.0	1
H30000-12	12NABTAXREEL	4327-0116	3/4	B	150	640	3.0	250
H30063-12	12NABTB X50FT	4327-0072	3/4	B	150	640	3.0	1
H30043-12	12NABTG X50FT	4327-0062	3/4	B	150	640	3.0	1
H30083-12	12NABTO X 50FT	4327-0082	3/4	B	150	640	3.0	1
H30053-12	12NABTR X50FT	4327-0067	3/4	B	150	640	3.0	1
H30073-12	12NABTY X50FT	4327-0077	3/4	B	150	640	3.0	1

AB Series Air Brake Hose

Recommended For: Truck, bus and mobile air brake systems. Can be used as flexible connector between frame and axle. Meets SAE J1402 specification. Complies with D.O.T. FMVSS 106 requirements.

Temperature Range: -40°F to +212°F (-40°C to +100°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp): Gates G33 Series type air brake couplings.

Part No.	Description	Product No.					Standard Pack
28761	1/2 X250 REEL RBR AIR BRAKE	3245-0604	1/2	7/8	225	1,000	1
27241	1/2 X50FT RBR AIR BRAKE	3245-0603	1/2	7/8	225	1,000	1
28760	3/8 X250 REEL RBR AIR BRAKE	3245-0602	3/8	3/4	225	1,000	1
27240	3/8 X50FT RBR AIR BRAKE	3245-0601	3/8	3/4	225	1,000	1

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

Heavy-Duty Green Stripe® Air Brake Hose

Recommended For: Truck, bus and mobile air brake systems. Can be used as flexible connector between frame and axle. Exceeds SAE J1402 and Bendix specification. Complies with D.O.T. FMVSS 106 requirements.

Temperature Range: -40°F to +212°F (-40°C to +100°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp): Gates G33 Series type air brake couplings.

Part No.	Description	Product No.					Standard Pack
28304	3/8 X250 REEL GS RBR AB	3245-4470	3/8	3/4	225	1,000	1
27220	6ABGS X50FT	3245-4468	3/8	3/4	225	1,000	1
27221	8ABGS X50FT	3245-4467	1/2	7/8	225	1,000	1

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

Green Stripe® Vacuum Brake Hose

Recommended For: Extra heavy-duty hose designed to fit most air brake systems on trucks, trailers and other heavy equipment. Exceeds SAE J1403, Type H requirements. Complies with D.O.T. FMVSS 106VH requirements.

Temperature Range: -40°F to +257°F (-40°C to +125°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Gates G33 Series type air brake couplings.

Part No.	Description	Product No.					Standard Pack
27211	1/2 X50FT VAC BRAKE	3276-4475	1/2	15/16	1,000	30	1
27213	3/4 X50FT VAC BRAKE	3145-4477	3/4	1 3/16	800	30	1
27210	3/8 X50FT VAC BRAKE	3276-4474	3/8	13/16	1,200	30	1
27212	5/8 X50FT VAC BRAKE	3245-4476	5/8	1 1/16	800	30	1

TR500 High-Temp/Air Brake/Engine Hose

Recommended For: Air brake hose, pressurized oil return lines and rotary oil/air compressor lines, engine and transmission coolant lines and lube oil lines. Meets or exceeds DOT FMVSS 106-74, SAE J1402 (4, 6, 8, 10). Not recommended for gasoline or diesel fuel applications.

Tube: Black (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Oil and mildew resistant, textile braid, impregnated with synthetic rubber.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GLP Couplings
MegaCrimp® Couplings

Part No.	Description	Product No.							Standard Pack
85745	4TR500 X50FT	4657-2600	1/4	0.51	500	2,000	1.0	30	1
70881	4TR500XREEL	4657-2228	1/4	0.51	500	2,000	1.0	30	250
85747	6TR500 X50FT	4657-2601	3/8	0.66	500	2,000	1.8	30	1
70883	6TR500XREEL	4657-2520	3/8	0.66	500	2,000	1.8	30	350
85748	8TR500 X50FT	4657-2602	1/2	0.80	500	2,000	2.3	30	1
70884	8TR500XREEL	4657-2521	1/2	0.80	500	2,000	2.3	30	350
85749	10TR500 X50FT	4657-2603	5/8	0.93	500	2,000	2.8	30	1
70885	10TR500XREEL	4657-2229	5/8	0.93	500	2,000	2.8	30	300
85750	12TR500 X50FT	4657-2604	3/4	1.04	500	2,000	3.5	30	1
70886	12TR500XREEL	4657-2230	3/4	1.04	500	2,000	3.5	30	200
85751	16TR500 X50FT	4657-2605	1	1.30	500	2,000	4.5	30	1
70887	16TR500XREEL	4657-2231	1	1.30	500	2,000	4.5	30	150

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

MegaTech® G5TB Extreme Heat Oil/Air Return and Air Brake Hose

Recommended For: For pressurized hot oil return lines and rotary oil lines. Meets the requirements of SAE J1019 performance specifications for high-temperature transmission and lubricating oil systems using petroleum base oils.

Tube: True-bore GTS (Gates Technical Spec.) black tube, specifically compounded for temperature and chemical resistance (CPE - Type J).

Reinforcement: Two braids of high-tensile steel wire.

Cover: Blue, oil and mildew resistant textile braid, impregnated with synthetic rubber.

Temperature Range: Petroleum-base fluids: -40°F to +300°F (-40°C to +149°C). Phosphate esters fluids as recommended by the fluid manufacturer, but within a range of -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GL Couplings (-24 and -32 only)
MegaCrimp® Couplings

Part No.	Description	Product No.	⊖	I.D.			R	Standard Pack
85391	4MEGATECH G5TB X50FT	4657-4070	1/4	0.59	3,000	12,000	2.0	1
71023	4MEGATECH G5TBXREEL	4657-2183	1/4	0.59	3,000	12,000	2.0	400
85392	6MEGATECH G5TB X 50FT	4657-4071	3/8	0.74	3,000	12,000	2.5	1
71024	6MEGATECH G5TBXREEL	4657-2184	3/8	0.74	3,000	12,000	2.5	350
85393	8MEGATECH G5TB X50FT	4657-4072	1/2	0.86	3,000	12,000	3.5	1
71025	8MEGATECH G5TBXREEL	4657-2185	1/2	0.86	3,000	12,000	3.5	350
71066	10MEGATECH G5TBXREEL	4657-2186	5/8	0.95	2,000	8,000	4.0	300
71067	12MEGATECH G5TBXREEL	4657-2187	3/4	1.10	2,000	8,000	4.8	200
85396	16MEGATECH G5TB X50FT	4657-4075	1	1.37	1,000	4,000	6.0	1
71026	16MEGATECH G5TBXREEL	4657-2188	1	1.37	1,000	4,000	6.0	150
85398	20MEGATECH G5TB X25FT	4657-4079	1 1/4	1.67	1,000	4,000	8.5	1
85397	20MEGATECH G5TB X50FT	4657-4076	1 1/4	1.67	1,000	4,000	8.5	1
71027	20MEGATECH G5TBXCTN	4657-2189	1 1/4	1.67	1,000	4,000	8.5	100
71028	24MEGATECH G5TBXCTN	4657-2190	1 1/2	1.95	500	2,000	9.5	100
71029	32MEGATECH G5TBXCTN	4657-2191	2	2.53	500	2,000	10.5	100

High Pressure

MegaTech® II—SAE 100R2 Type AT—ACP Carton Pack

Recommended For: Multi-purpose high-pressure, high-temperature, air compressor lines, petroleum-base or phosphate ester hydraulic fluid supply lines. Meets or exceeds the requirements of SAE 100R2AT and SAE 100R2 Type S.

Tube: Black, oil resistant, synthetic rubber (CPE - Type J). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Blue, oil and abrasion resistant, polyester braid.

Temperature Range: -40°F to +300°F (-40°C to +149°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings (-20 only)
Permanent GSP Couplings (-24 and -32)

Part No.	Description	Product No.	⊖	I.D.			R	Standard Pack
70975	20ACP MEGATECHIIXCTN	4657-8018	1 1/4	1.89	2,250	6,800	15.0	100
70858	24ACP MEGATECHIIXCTN	4657-2484	1 1/2	2.13	1,500	6,000	20.0	100
70859	32ACP MEGATECHIIXCTN	4657-2485	2	2.61	1,300	5,200	25.0	100

MegaTech® 3000 High-Temp Oil/Air Return

Recommended For: For pressurized hot oil return lines and rotary oil lines. Meets the requirements of SAE J1019 performance specifications for high-temperature transmission and lubricating oil systems using petroleum base oils.

Tube: True-bore GTS (Gates Technical Spec.) black tube, specifically compounded for temperature and chemical resistance (CPE - Type J).

Reinforcement: Two braids of high-tensile steel wire.

Cover: Oil and mildew resistant, textile braid, impregnated with synthetic rubber.

Temperature Range: Petroleum-base fluids: -40°F to +300°F (-40°C to +149°C). Phosphate esters fluids as recommended by the fluid manufacturer, but within a range of -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.							Standard Pack
70960	4MEGATECH 3000XREEL	4657-2373	1/4	0.59	3,000	12,000	2.0	30	400
85987	4MEGATECH3000X 50FT	4657-4116	1/4	0.59	3,000	12,000	2.0	30	1
70961	6MEGATECH 3000XREEL	4657-2374	3/8	0.74	3,000	12,000	2.5	30	350
85988	6MEGATECH3000X 50FT	4657-4117	3/8	0.74	3,000	12,000	2.5	30	1
70962	8MEGATECH 3000XREEL	4657-2319	1/2	0.86	3,000	12,000	3.5	30	350
85989	8MEGATECH3000X 50FT	4657-4118	1/2	0.86	3,000	12,000	3.5	30	1

MegaTech® 1000 High-Temp Oil/Air Return

Fleet Application

Recommended For: Air brake, pressurized hot oil return lines and rotary oil/air compressor lines. Meets the requirements of DOT FMVSS 106-74, SAE J1402, SAE J1019 and Air Brake Hose (-4, 6, 8, 10) performance specifications for high-temperature transmission and lubricating oil systems using petroleum base oils. Not recommended for gasoline or diesel fuel applications.

Tube: GTS (Gates Technical Spec.) black tube specifically compounded for temperature and chemical resistance (CPE - Type J). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Oil and mildew resistant, textile braid, impregnated with synthetic rubber.

Temperature Range: Petroleum-base fluids: -40°F to +300°F (-40°C to +149°C). Phosphate esters fluids as recommended by the fluid manufacturer, but within a range of -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.							Standard Pack
70850	4MEGATECH 1000XREEL	4657-2332	1/4	0.52	1,000	4,000	2.0	30	350
85980	4MEGATECH1000 X50FT	4657-2503	1/4	0.52	1,000	4,000	2.0	30	1
70851	6MEGATECH 1000XREEL	4657-2297	3/8	0.66	1,000	4,000	2.5	30	350
85981	6MEGATECH1000 X50FT	4657-2504	3/8	0.66	1,000	4,000	2.5	30	1
70852	8MEGATECH 1000XREEL	4657-2334	1/2	0.80	1,000	4,000	3.5	30	350
85982	8MEGATECH1000 X50FT	4657-2505	1/2	0.80	1,000	4,000	3.5	30	1
70853	10MEGATECH 1000XREEL	4657-2335	5/8	0.93	1,000	4,000	4.0	30	300
85983	10MEGATECH1000 X50FT	4657-2506	5/8	0.93	1,000	4,000	4.0	30	1
70888	12MEGATECH 1000XREEL	4657-2336	3/4	1.15	1,000	4,000	4.8	30	200
85984	12MEGATECH1000X50FT	4657-4040	3/4	1.15	1,000	4,000	4.8	30	1
70889	16MEGATECH 1000XREEL	4657-2337	1	1.37	1,000	4,000	6.0	30	150
85985	16MEGATECH1000X50FT	4657-4041	1	1.37	1,000	4,000	6.0	30	1
85986	20MEGATECH1000X50FT	4657-4042	1 1/4	1.64	1,000	4,000	8.5	30	1
70890	20MEGATECH1000XCTN	4657-2338	1 1/4	1.64	1,000	4,000	8.5	30	100

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

MegaTech® 500 High-Temp Oil/Air Return

Recommended For: For air brake hose, pressurized hot oil return lines and rotary oil/air compressor lines. Meets the requirements of DOT SAE J1019 performance specifications for high-temperature transmission and lubricating oil systems using petroleum base oils. Not recommended for gasoline or diesel fuel applications.

Tube: GTS (Gates Technical Spec.) black tube specifically compounded for temperature and chemical resistance (CPE - Type J). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Oil and mildew resistant, textile braid, impregnated with synthetic rubber.

Temperature Range: Petroleum-base fluids: -40°F to +300°F (-40°C to +149°C). Phosphate esters fluids as recommended by the fluid manufacturer, but within a range of -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GL Couplings
Permanent GSP (-24 and -32)

Part No.	Description	Product No.							Standard Pack
85687	24MEGATECH500 X50FT	4657-0061	1 1/2	1.95	500	2,000	15.0	30	1
70854	24MEGATECH500XCTN	4657-0204	1 1/2	1.95	500	2,000	15.0	30	100
85688	32MEGATECH500 X50FT	4657-0062	2	2.48	500	2,000	18.0	30	1
70855	32MEGATECH500XCTN	4657-0205	2	2.48	500	2,000	18.0	30	100
70856	40MEGATECH500XCTN	4657-0206	2 1/2	2.97	500	2,000	22.0	30	100
70857	48MEGATECH500XCTN	4657-0207	3	3.50	500	2,000	24.0	30	100

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

MegaTech® 250 High-Temp Transmission Oil Cooler (TOC) Hose

Recommended For: High-temperature (300°F) transmission oil cooler lines, pressurized hot oil return lines and turbocharger oil supplies. Meets or exceeds SAE J1019 performance specifications for high-temperature transmission and lubricating oil systems using petroleum base oils. Not recommended for gasoline or diesel fuel applications.

Tube: GTS (Gates Technical Spec.) black tube specifically compounded for temperature and chemical resistance (CPE - Type J). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Oil and mildew resistant, textile braid, impregnated with synthetic rubber.

Temperature Range: Petroleum-base fluids: -40°F to +300°F (-40°C to +149°C). Phosphate esters fluids as recommended by the fluid manufacturer, but within a range of -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GLP Couplings (-4 through -12)
MegaCrimp® Couplings

Part No.	Description	Product No.							Standard Pack
85759	4MEGATECH 250 X 50FT	4657-0083	1/4	0.52	250	1,000	1.0	30	1
70891	4MEGATECH 250XREEL	4657-2339	1/4	0.52	250	1,000	1.0	30	250
85760	6MEGATECH 250 X50FT	4657-0084	3/8	0.64	250	1,000	1.8	30	1
70892	6MEGATECH 250XREEL	4657-2340	3/8	0.64	250	1,000	1.8	30	350
85761	8MEGATECH 250 X 50FT	4657-0085	1/2	0.78	250	1,000	2.5	30	1
70893	8MEGATECH 250XREEL	4657-2341	1/2	0.78	250	1,000	2.5	30	350
85762	10MEGATECH 250X50FT	4657-0086	5/8	0.93	250	1,000	3.0	30	1
70894	10MEGATECH 250XREEL	4657-2342	5/8	0.93	250	1,000	3.0	30	300
85763	12MEGATECH 250X50FT	4657-0087	3/4	1.06	250	1,000	3.5	30	1
70895	12MEGATECH 250XREEL	4657-2343	3/4	1.06	250	1,000	3.5	30	200
85764	16MEGATECH 250X50FT	4657-0088	1	1.36	250	1,000	4.0	30	1
70896	16MEGATECH 250XREEL	4657-2344	1	1.36	250	1,000	4.0	30	150
85765	20MEGATECH 250X50FT	4657-0089	1 1/4	1.65	250	1,000	4.5	30	1
70900	20MEGATECH 250XCTN	4657-2345	1 1/4	1.65	250	1,000	4.5	30	120

S/R-XH Suction/Return-Extreme Heat Hose

Recommended For: Hydraulic oil lines, heavy-duty transmission oil cooler lines and power steering circuit lines. Meets or exceeds requirements of SAE J1019.

Tube: Black, specially compounded, synthetic rubber (CPE - Type J).

Reinforcement: One or two fiber braids.

Cover: Black, oil and abrasion resistant, synthetic rubber (Hypalon® - Type A).

Temperature Range: -40°F to +300°F (-40°C to +149°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.							Standard Pack
85439	8S/R XHX50FT	3319-4714	1/2	0.78	250	1,000	4.0	18	1
70963	8S/R-XHXCTN	3319-4514	1/2	0.78	250	1,000	4.0	18	400
85440	10S/R XH X50FT	3319-4715	5/8	0.83	250	1,000	5.0	15	1
70964	10S/R-XHXCTN	3319-4516	5/8	0.83	250	1,000	5.0	15	250
85441	12S/R XH X50FT	3319-4716	3/4	1.16	250	1,000	6.0	15	1
70965	12S/R-XHXCTN	3319-4518	3/4	1.16	250	1,000	6.0	15	225

† Hypalon® is a Registered Trademark of DuPont.

C5C Hydraulic Hose—SAE 100R5

Recommended For: Medium pressure hydraulic petroleum-based oil lines in impulse applications, lube oil, air and water in applications such as air brakes, power steering (CAUTION: Intended for heavy-duty commercial vehicle use only), turbocharger oil supplies, tilt cab cylinders, transmission coolant and filtration lines. Meets or exceeds requirements of SAE 100R5 for traditional hydraulic applications, DOT FMVSS 106-74 Type AII and SAE J1402 Type AII for air brake applications (-4 to -12). Not recommended for gasoline or diesel fuel.

Tube: -4 and -5: black, oil and heat resistant synthetic rubber (Neoprene - Type A); -6 through -40: (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile carbon steel wire over one braid of polyester.

Cover: Black, oil and mildew resistant, polyester braid.

Temperature Range: Under SAE 100R5 (hydraulic) conditions -40°F to +212°F (-40°C to +100°C). All-purpose fleet application (hot lube oil lines) -40°F to +300°F (-40°C to +149°C). Air to +160°F (+71°C) only. Avoid continuous use at maximum temperature concurrent with maximum working pressures. For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
C5 Field Attachable Couplings

Part No.	Description	Product No.						Standard Pack
86605	4C5C X50FT	3658-1762	3/16	0.52	3,000	12,000	3.0	1
70589	4C5CXREEL	3658-1775	3/16	0.52	3,000	12,000	3.0	440
86606	5C5C X50FT	3658-1763	1/4	0.58	3,000	12,000	3.4	1
70590	5C5CXREEL	3658-1776	1/4	0.58	3,000	12,000	3.4	385
86607	6C5C X50FT	3658-1764	5/16	0.67	2,250	9,000	4.0	1
70591	6C5CXREEL	3658-1777	5/16	0.67	2,250	9,000	4.0	385
86608	8C5C X50FT	3658-1765	13/32	0.77	2,000	8,000	4.6	1
70592	8C5CXREEL	3658-1778	13/32	0.77	2,000	8,000	4.6	330
86609	10C5C X50FT	3658-1766	1/2	0.92	1,750	7,000	5.5	1
70593	10C5CXREEL	3658-1779	1/2	0.92	1,750	7,000	5.5	275
86610	12C5C X50FT	3658-1767	5/8	1.08	1,500	6,000	6.5	1
70594	12C5CXREEL	3658-1780	5/8	1.08	1,500	6,000	6.5	220
86616	16C5C X50FT	3658-1768	7/8	1.23	800	3,200	7.4	1
70595	16C5CXREEL	3658-1781	7/8	1.23	800	3,200	7.4	165
86617	20C5C X25FT	3658-1772	1 1/8	1.50	625	2,500	9.0	1
70096	20C5CXCTN	3658-1758	1 1/8	1.50	625	2,500	9.0	100
70097	24C5CXCTN	3658-1759	1 3/8	1.75	500	2,000	10.5	100
70098	32C5CXCTN	3658-1760	1 13/16	2.22	350	1,400	13.3	100
70099	40C5CXCTN	3658-1761	2 3/8	2.88	350	1,400	24.0	100

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

C5D High-Temp Multi-Fluid Hose

Recommended For: Petroleum-base or phosphate ester fluids; diesel fuels and filtration lines, transmission coolant lines, hot lube oil lines, power steering (CAUTION: Intended for heavy-duty commercial vehicle use only), gasoline and turbocharger oil supplies. Tilt cab cylinder and air brakes. C5D (-4 to -12) meets or exceed DOT FMVSS 106-74 Type AII, SAE J1402 Type AII and SAE J1019 and fuel resistance of SAE J30R2. Not approved for bio diesel.

Tube: Black, oil and heat resistant, synthetic rubber (CPE - Type J). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire over one braid of polyester.

Cover: Green for easy identification, oil and mildew resistant, polyester braid impregnated with synthetic rubber.

Temperature Range: -40°F to +300°F (-40°C to +149°C). Air to +250°F (+121°C) only, maximum phosphate esters to +212°F (+100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
C5 Field Attachable Couplings

Part No.	Description	Product No.	⊖	↕			R	Standard Pack
85680	4C5D X50FT	3658-0001	3/16	0.52	1,500	6,000	1.0	1
70540	4C5DXREEL	3658-0020	3/16	0.52	1,500	6,000	1.0	440
85681	5C5D X50FT	3658-0007	1/4	0.58	1,500	6,000	1.5	1
70541	5C5DXREEL	3658-0027	1/4	0.58	1,500	6,000	1.5	385
85682	6C5D X50FT	3658-0002	5/16	0.67	1,500	6,000	1.8	1
70542	6C5DXREEL	3658-0021	5/16	0.67	1,500	6,000	1.8	385
85683	8C5D X50FT	3658-0003	13/32	0.77	1,250	5,000	2.0	1
70543	8C5DXREEL	3658-0022	13/32	0.77	1,250	5,000	2.0	330
85684	10C5D X50FT	3658-0008	1/2	0.92	1,250	5,000	2.0	1
70544	10C5DXREEL	3658-0028	1/2	0.92	1,250	5,000	2.0	275
85685	12C5D X50FT	3658-0009	5/8	1.08	750	3,000	2.3	1
70545	12C5DXREEL	3658-0029	5/8	1.08	750	3,000	2.3	220
85686	16C5D X50FT	3658-0010	7/8	1.23	400	1,600	3.5	1
70546	16C5DXREEL	3658-0030	7/8	1.23	400	1,600	3.5	165

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

C5M Marine Fuel Line Hose

Recommended For: On-shore/off-shore and marine diesel fuel and gasoline applications and hot oil lines up to +212°F. Meets USCG marine fuel line specifications, SAE J1527 B100 to +125°F Type A Class 1 and SAE J1942 requirements. Exceeds performance requirements of SAE J30R2 for non-marine applications.

Tube: Nitrile - Type C. See Hose Stock Characteristics.

Reinforcement: One wire braid

Cover: Modified Nitrile - Type C2. Blue. See Hose Stock Characteristics.

Temperature Range: -4°F to +212°F (-20°C to +100°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Brass or Carbon Steel C5 Field Attachable Couplings

Part No.	Description	Product No.	⊖	↕			R	Standard Pack
70614	5C5MXREEL	3658-1965	1/4	0.58	500	2,000	1.3	385
86596	6C5M X50FT	3658-4596	5/16	0.67	500	2,000	1.3	1
70615	6C5MXREEL	3658-1969	5/16	0.67	500	2,000	1.3	385
86597	8C5M X50FT	3658-4597	13/32	0.77	500	2,000	1.8	1
70616	8C5MXREEL	3658-1973	13/32	0.77	500	2,000	1.8	330
86598	10C5M X50FT	3658-4598	1/2	0.92	500	2,000	2.3	1
70617	10C5MXREEL	3658-1977	1/2	0.92	500	2,000	2.3	275
86599	12C5M X50FT	3658-4599	5/8	1.08	500	2,000	2.8	1
70618	12C5MXREEL	3658-1981	5/8	1.08	500	2,000	2.8	220
86600	16C5M X50FT	3658-4600	7/8	1.23	500	2,000	3.5	1
70619	16C5MXREEL	3658-1985	7/8	1.23	500	2,000	3.5	165

C5E High-Temp Flexline Hose

DOT FMVSS 106 Type AI, SAE J1019 and SAE J1402 Type AI (-4 to -12).

Recommended For: Air brake hose, power steering (CAUTION: Intended for heavy-duty commercial vehicle use only), fuel filter, engine and transmission coolant lines, and hot (+300°F) lube oil lines.

Tube: Black, oil and heat resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire over one braid of polyester.

Cover: Black, oil and heat resistant, textile braid impregnated with synthetic rubber. Green stripe for easy identification.

Temperature Range: -40°F to +300°F (-40°C to +149°C). Air +250°F (+121°C) maximum only. For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
C5E Field Attachable Couplings

Part No.	Description	Product No.						Standard Pack
85690	4C5E X50FT	3658-4990	3/16	0.49	1,500	6,000	.8	1
70530	4C5EXREEL	3658-0210	3/16	0.49	1,500	6,000	.8	440
85691	5C5E X50FT	3658-4991	1/4	0.55	1,500	6,000	1.0	1
70531	5C5EXREEL	3658-0211	1/4	0.55	1,500	6,000	1.0	385
85692	6C5E X50FT	3658-4992	5/16	0.61	1,500	6,000	1.3	1
70532	6C5EXREEL	3658-0212	5/16	0.61	1,500	6,000	1.3	385
85693	8C5E X50FT	3658-4993	13/32	0.73	1,250	5,000	1.8	1
70193	8C5EXCTN	3658-0203	13/32	0.73	1,250	5,000	1.8	475
70533	8C5EXREEL	3658-0213	13/32	0.73	1,250	5,000	1.8	330
85694	10C5E X50FT	3658-4994	1/2	0.83	1,250	5,000	2.3	1
70194	10C5EXCTN	3658-0204	1/2	0.83	1,250	5,000	2.3	330
70534	10C5EXREEL	3658-0214	1/2	0.83	1,250	5,000	2.3	275
85695	12C5E X50FT	3658-4995	5/8	0.95	750	3,000	2.8	1
70195	12C5EXCTN	3658-0205	5/8	0.95	750	3,000	2.8	200
70535	12C5EXREEL	3658-0215	5/8	0.95	750	3,000	3.0	220
85696	16C5E X50FT	3658-4996	7/8	1.20	400	1,600	3.5	1
70536	16C5EXREEL	3658-0216	7/8	1.20	400	1,600	3.5	165
85697	20C5E X25FT	3658-4989	1 1/8	1.49	300	1,250	4.5	1
70197	20C5EXCTN	3658-0207	1 1/8	1.49	300	1,250	4.5	100

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

C14 Teflon® Hose—SAE 100R14 Type A—Nonconductive

Recommended For: Air compressor discharge, hot oil and fluids, hot and greasy environments.

Cover/Reinforcement: One braid of 300 Series stainless steel wire.

Temperature Range: Dynamic: -65°F to +400°F (-54°C to +204°C). Static: -65°F to +450°F (-54°C to +232°C).

C14 Tube: Type A-Nonconductive white, smooth bore Polytetrafluoroethylene (PTFE). See Hose Stock Characteristics.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
C14 Couplings

Part No.	Description	Product No.						72°F (22°C)	72°F (22°C)	450°F (232°C)	450°F (232°C)	Standard Pack
85700	4C14 X25FT	7752-0425	3/16	0.31	1,500	10,000	2.0	3,000	12,000	1,500	6,000	1
70804	4C14XCTN	7752-0400	3/16	0.31	1,500	10,000	2.0	3,000	12,000	1,500	6,000	400
85701	5C14 X25FT	7752-0525	1/4	0.38	1,500	9,000	3.0	3,000	12,000	1,500	6,000	1
70805	5C14XCTN	7752-0500	1/4	0.38	1,500	9,000	3.0	3,000	12,000	1,500	6,000	350
85702	6C14 X25FT	7752-0625	5/16	0.45	1,500	8,000	4.0	2,500	10,000	1,500	6,000	1
70806	6C14XCTN	7752-0600	5/16	0.45	1,500	8,000	4.0	2,500	10,000	1,500	6,000	300
85703	8C14 X25FT	7752-0825	13/32	0.55	1,000	6,000	5.3	2,000	8,000	1,000	4,000	1
70808	8C14XCTN	7752-0800	13/32	0.55	1,000	6,000	5.3	2,000	8,000	1,000	4,000	250
85704	10C14 X25FT	7752-1025	1/2	0.65	800	6,000	6.5	1,500	6,000	800	3,200	1
70810	10C14XCTN	7752-1000	1/2	0.65	800	6,000	6.5	1,500	6,000	800	3,200	200
85705	12C14 X25FT	7752-1225	5/8	0.79	800	5,000	7.8	1,200	4,800	800	2,600	1

C14 Teflon® Hose—SAE 100R14 Type A—Nonconductive

(continued)

Part No.	Description	Product No.						72°F (22°C)	72°F (22°C)	450°F (232°C)	450°F (232°C)	Standard Pack
70812	12C14XCTN	7752-1200	5/8	0.79	800	5,000	7.8	1,200	4,800	800	2,600	150
85706	16C14 X25FT	7752-1625	7/8	1.03	800	3,500	9.0	1,000	4,000	800	2,200	1
70816	16C14XCTN	7752-1600	7/8	1.03	800	3,500	9.0	1,000	4,000	800	2,200	100

Electrostatic Discharge: Many applications involving PTFE hose do not require a conductive tube. But you must review the potential for electrostatic discharge for every application and be aware that static electricity can be hazardous. In those cases where electrostatic discharge can occur, conductive PTFE hose with a conductive tube (Gates C14CT) is recommended. For more information on electrostatic discharge, refer to Technical Data Section.

† *Teflon® is a Registered Trademark of DuPont.

C14CT Teflon® Hose—SAE 100R14 Type B—Conductive

Recommended For: Air compressor discharge, hot oil and fluids, hot and greasy environments.

Cover/Reinforcement: One braid of 300 Series stainless steel wire.

Temperature Range: Dynamic: -65°F to +400°F (-54°C to +204°C). Static: -65°F to +450°F (-54°C to +232°C).

C14CT Tube: Type B-Conductive black/white smooth bore PTFE. See Hose Stock Characteristics.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
C14 Couplings

Part No.	Description	Product No.						72°F (22°C)	72°F (22°C)	450°F (232°C)	450°F (232°C)	Standard Pack
85730	6C14CT X25FT	7752-3625	5/16	0.45	1,500	8,000	4.0	2,500	10,000	1,500	6,000	1
70906	6C14CTXCTN*	7752-3600	5/16	0.45	1,500	8,000	4.0	2,500	10,000	1,500	6,000	300
85731	8C14CT X25FT	7752-3825	13/32	0.55	1,000	6,000	5.3	2,000	8,000	1,000	4,000	1
70908	8C14CTXCTN*	7752-3800	13/32	0.55	1,000	6,000	5.3	2,000	8,000	1,000	4,000	250

** Type B-Conductive Tube.*
Electrostatic Discharge: Many applications involving PTFE hose do not require a conductive tube. But you must review the potential for electrostatic discharge for every application and be aware that static electricity can be hazardous. In those cases where electrostatic discharge can occur, conductive PTFE hose with a conductive tube (Gates C14CT) is recommended. For more information on electrostatic discharge, refer to Technical Data Section.

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PolarSeal® Hose

Refrigerant

(SAE J51, Type A2 Dimensions; SAE J51, Type D Performance; SAE J2064, Type C, Class II Performance).

Features Advantages: Can be crimped with current AC die sets on MC4-20, PC707 and OmniCrimp® 21.
Cover is black synthetic EPDM rubber.
Designed for environmentally safe R134a refrigerants
Meets or exceeds SAE J2064 Type C., Class 2.
Minimizes permeation of both R134a and R12 refrigerants.
Use in automotive air conditioning and industrial systems.

Recommended For: Liquid and gaseous R134a and R12 refrigerants in automotive air conditioning and industrial systems; i.e., tractors, construction trucks, mobile and stationary refrigeration units. Designed to minimize permeation of R134a refrigerant.

Tube: Black, synthetic rubber (Chloroprene - Type A). See Hose Stock Characteristics.

Reinforcement: Two layers of spiral polyester.

Cover: Black synthetic rubber (EPDM). See Hose Stock Characteristics.

Temperature Range: -22°F to +257°F (-30°C to +125°C).

Barrier: Nylon liner.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Permanent PolarSeal® (ACA) Couplings

Part No.	Description	Product No.							Standard Pack
85664	6AC134A X25FT	3353-0901	5/16	0.75	500	2,000	2.0	24	1
70624	6AC134AXREEL	3353-0903	5/16	0.75	500	2,000	2.0	24	340
85665	8AC134A X25FT	3353-0906	13/32	0.91	500	2,000	3.0	24	1
70625	8AC134AXREEL	3353-0908	13/32	0.91	500	2,000	3.0	24	235
85666	10AC134A X25FT	3353-0911	1/2	1.00	500	2,000	4.0	24	1
70626	10AC134AXREEL	3353-0913	1/2	1.00	500	2,000	4.0	24	210
85667	12AC134A X25FT	3353-0916	5/8	1.13	500	2,000	5.0	24	1
70627	12AC134AXREEL	3353-0918	5/8	1.13	500	2,000	5.0	24	175

PolarSeal® II Hose

Refrigerant

Features Advantages: No crimper is needed to make assemblies. The specialized coupling and clamp combination is designed to be installed right on the equipment. Clamps are color coded for quick size identification; -6
Reduced barrier hose construction designed to be installed with PolarSeal® II couplings and clamp. Meets SAE J2064 Type C, Class 1. For use with R12, R13A and R22 refrigerants.

Recommended For: AC systems on School/Transit Buses, RV's, Limos and other heavy equipment that has long run or hard to service AC lines.

Tube: Elastomeric

Reinforcement: Fabric Braid

Cover: Heat, Moisture and Ozone resistant Elastomeric cover.

Temperature Range: -22°F to +257°F (-30°C to +125°C).

Barrier: Nylon liner.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
PolarSeal® II Coupling

Part No.	Description	Product No.						Standard Pack
71090	6ACC-PSIIXREEL	3353-5006	5/16	0.62	350	1,750	1 1/2	500
85384	6ACC-PSIIX50	3353-5007	5/16	0.62	350	1,750	1 1/2	50
71091	8ACC-PSIIXREEL	3353-5008	13/32	0.74	350	1,750	2	500
85385	8ACC-PSIIX50	3353-5009	13/32	0.74	350	1,750	2	50
71092	10ACC-PSIIXREEL	3353-5010	1/2	0.83	350	1,750	2 1/2	300
85386	10ACC-PSIIX50	3353-5011	1/2	0.83	350	1,750	2 1/2	50
71093	12ACC-PSIIXREEL	3353-5012	5/8	0.96	350	1,750	3	250
85387	12ACC-PSIIX50	3353-5013	5/8	0.96	350	1,750	3	50
71094	16ACC-PSIIXREEL	3353-5016	7/8	1.23	350	1,750	1 3/8	100
85388	16ACC-PSIIX50	3353-5017	7/8	1.23	350	1,750	1 3/8	50

PS188 Power Steering Hose

Designed to meet requirements of SAE J2050 specifications.

Recommended For: Power steering pressure lines. Designed to meet requirements of SAE J2050 specifications.

Tube: Synthetic rubber specially compounded to provide resistance to high temperatures and power steering fluid (Hypalon® - Type M). See Hose Stock Characteristics.

Reinforcement: Two high strength nylon braids that resist high temperatures and allow for expansion for system noise dampening.

Cover: Black, synthetic rubber developed specifically to resist under hood environment (Hypalon®).

Temperature Range: -40°F to +300°F (-40°C to +150°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Permanent Power Steering Couplings

Part No.	Description	Product No.						Standard Pack
86049	6PS188 X25FT	3317-0107	3/8	0.71	1,500	6,000	3.25	1
86050	6PS188 X50FT	3317-0108	3/8	0.71	1,500	6,000	3.25	1

† Hypalon® is a Registered Trademark of DuPont.

TH7 Hydraulic Hose—SAE 100R7

Recommended For: Petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. TH7 hoses meet or exceed performance requirements of SAE 100R7 with a significantly tighter bend radius.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol. See Hose Stock Characteristics.

Reinforcement: Braided synthetic fiber (-2, -8, -12 and -16). Spiraled synthetic fiber (-3, -4, -5 and -6).

Cover: Black polyurethane that resists hydraulic fluids, high temperatures, aging and weathering. Black TH7 is perforated for use in general hydraulic and pneumatic service.

Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings
Swage PCTS Permanent Couplings (-2 and -3)

Part No.	Description	Product No.						Standard Pack
71011	2TH7XCTN	4467-1154	1/8	0.32	3,000	12,000	.5	250
85401	3TH7 X50FT	4467-1194	3/16	0.41	3,000	12,000	.8	1
71012	3TH7XCTN	4467-1155	3/16	0.41	3,000	12,000	.8	250
85402	4TH7 X50FT	4467-1195	1/4	0.50	2,750	11,000	1.3	1
71013	4TH7XCTN	4467-1157	1/4	0.50	2,750	11,000	1.3	250
85403	5TH7 X50FT	4467-1160	5/16	0.56	2,500	10,000	1.8	1
71014	5TH7XCTN	4467-1159	5/16	0.56	2,500	10,000	1.8	250
85404	6TH7 X50FT	4467-1162	3/8	0.64	2,250	9,000	2.0	1
71015	6TH7XCTN	4467-1161	3/8	0.64	2,250	9,000	2.0	250
85405	8TH7 X50FT	4467-1164	1/2	0.80	2,000	8,000	3.0	1
71021	8TH7XCTN	4467-1207	1/2	0.80	2,000	8,000	3.0	250
85406	12TH7 X50FT	4467-1193	3/4	1.05	1,250	5,000	5.0	1
71070	12TH7XCTN	4467-1165	3/4	1.05	1,250	5,000	5.0	200
85407	16TH7 X50FT	4467-1197	1	1.32	1,000	4,000	10.0	1
71071	16TH7XCTN	4467-1196	1	1.32	1,000	4,000	10.0	200

TH7NC Non Conductive Hydraulic Hose—SAE 100R7 Thermoplastic

Recommended For: Petroleum and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. Orange color TH7NC meets SAE 100R7 non-conductivity requirements. TH7NC hose meets or exceeds performance requirements of SAE 100R7 with a significantly tighter bend radius. Meets ANSI A92.2 for vehicle mounted aerial devices (-4 to -8).

Tube: -2, -12, and -16: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol; -3 through -8 Polyester. See Hose Stock Characteristics.

Reinforcement: Braided synthetic fiber (except -2: Spiraled synthetic fiber).

Cover: Orange urethane that resists hydraulic fluids, high temperatures, aging and weathering. Orange TH7NC is non-perforated for applications requiring electrical non-conductivity. Meets SAE 100R7 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microamperes when subjected to 75 kV/Ft. for five minutes. (Orange is industry accepted color for non-conductive hose).

Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings
Swage PCTS Permanent Couplings (-2 and -3)

Part No.	Description	Product No.	⊖	↕			R	Standard Pack
71072	2TH7NCXCTN	4467-1166	1/8	0.32	3,000	12,000	.5	250
85408	3TH7NC X50FT	4467-1205	3/16	0.41	3,000	12,000	.8	1
71073	3TH7NCXCTN	4467-1167	3/16	0.41	3,000	12,000	.8	250
85409	4TH7NC X50FT	4467-1170	1/4	0.50	2,750	11,000	1.3	1
71016	4TH7NCXCTN	4467-1169	1/4	0.50	2,750	11,000	1.3	250
85410	5TH7NC X50FT	4467-1172	5/16	0.56	2,500	10,000	1.8	1
71074	5TH7NCXCTN	4467-1171	5/16	0.56	2,500	10,000	1.8	250
85411	6TH7NC X50FT	4467-1174	3/8	0.64	2,250	9,000	2.0	1
71017	6TH7NCXCTN	4467-1173	3/8	0.64	2,250	9,000	2.0	250
85412	8TH7NC X50FT	4467-1206	1/2	0.80	2,000	8,000	3.0	1
71018	8TH7NCXCTN	4467-1175	1/2	0.80	2,000	8,000	3.0	250
85413	12TH7NC X50FT	4467-1200	3/4	1.05	1,250	5,000	5.0	1
71075	12TH7NCXCTN	4467-1177	3/4	1.05	1,250	5,000	5.0	200
85414	16TH7NC X50FT	4467-1199	1	1.32	1,000	4,000	10.0	1
71076	16TH7NCXCTN	4467-1198	1	1.32	1,000	4,000	10.0	200

TH7DL Dual Line Hydraulic Hose—SAE 100R7 Thermoplastic

Recommended For: Petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. TH7DL hoses meet or exceed performance requirements of SAE 100R7 with significantly tighter bend radius.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol. See Hose Stock Characteristics.

Reinforcement: Spiraled synthetic fiber.

Cover: Black polyurethane that resists hydraulic fluids, high temperatures, aging and weathering. Black TH7DL is perforated for use in general hydraulic and pneumatic service.

Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.	⊖	↕			R	Standard Pack
71084	4TH7DLXCTN	4472-0220	1/4	0.50	2,750	11,000	1.3	250
85422	5TH7DL X50FT	4472-0222	5/16	0.56	2,500	10,000	1.8	1
71085	5TH7DLXCTN	4472-0221	5/16	0.56	2,500	10,000	1.8	250
71022	6TH7DLXCTN	4472-0223	3/8	0.64	2,250	9,000	2.0	250
71086	8TH7DLXCTN	4472-0224	1/2	0.80	2,000	8,000	3.0	250

Thermoplastic

TH7NCDL Non Conductive Dual Line Hydraulic Hose—SAE 100R7

Recommended For: Petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. Orange color TH7NCDL meets SAE 100R7 non-conductivity requirements. TH7NCDL hose meets or exceeds performance requirements of SAE 100R7 with significantly tighter bend radius.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol. See Hose Stock Characteristics.

Reinforcement: Braided synthetic fiber.

Cover: Orange urethane that resists hydraulic fluids, high temperatures, aging and weathering. Orange TH7NCDL is non-perforated for applications requiring electrical non-conductivity. Meets SAE 100R7 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microamperes when subjected to 75 kV/Ft. for five minutes. (Orange is industry accepted color for non-conductive hose.)

Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85786	4TH7NCDL X50FT	4472-0226	1/4	0.50	2,750	11,000	1.3	1
71087	4TH7NCDLXCTN	4472-0225	1/4	0.50	2,750	11,000	1.3	250
85424	6TH7NCDL X50FT	4472-0228	3/8	0.64	2,250	9,000	2.0	1
71088	6TH7NCDLXCTN	4472-0227	3/8	0.64	2,250	9,000	2.0	250
85425	8TH7NCDL X50FT	4472-0230	1/2	0.80	2,000	8,000	3.0	1
71089	8TH7NCDLXCTN	4472-0229	1/2	0.80	2,000	8,000	3.0	250

Thermoplastic

TH8 Hydraulic Hose—SAE 100R8

Recommended For: Use with petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. TH8NC hose (orange cover) meets SAE 100R8 non-conductivity requirements. TH8 and TH8NC hoses meet or exceed performance requirements of SAE 100R8 with a significantly tighter bend radius. Multiline available.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol. See Hose Stock Characteristics.

Reinforcement: Two polyester braids.

Cover: Black or orange urethane resists hydraulic fluids, high temperatures, aging and weather. TH8NC (orange) is non-perforated for applications requiring electrical non-conductivity. TH8NC meets SAE 100R8 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microamperes when subjected to 75 kV/Ft. for five minutes. (Orange is industry accepted color for non-conductive hose). Black cover is perforated for use in general hydraulic and pneumatic service.

Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings (-4 through -16)
Swage PCTS Permanent Couplings (-3 only)

Part No.	Description	Product No.						Standard Pack
85415	3TH8 X50FT	4467-1201	3/16	0.50	5,000	20,000	1.5	1
71077	3TH8XCTN	4467-1178	3/16	0.50	5,000	20,000	1.5	250
85416	4TH8 X50FT	4467-1180	1/4	0.61	5,000	20,000	2.0	1
71078	4TH8XCTN	4467-1179	1/4	0.61	5,000	20,000	2.0	250
85417	6TH8 X50FT	4467-1182	3/8	0.75	4,000	16,000	2.5	1
71079	6TH8XCTN	4467-1181	3/8	0.75	4,000	16,000	2.5	250
85418	8TH8 X50FT	4467-1202	1/2	0.87	3,500	14,000	4.0	1
71019	8TH8XCTN	4467-1183	1/2	0.87	3,500	14,000	4.0	250
71080	12TH8XCTN	4467-1184	3/4	1.13	2,250	9,000	6.5	200
71081	16TH8XCTN	4467-1185	1	1.45	2,000	8,000	10.0	200

TH8NC Non Conductive Hydraulic Hose—SAE 100R8 Thermoplastic

Recommended For: Use with petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. TH8NC hose (orange cover) meets SAE 100R8 non-conductivity requirements. TH8 and TH8NC hoses meet or exceed performance requirements of SAE 100R8 with a significantly tighter bend radius. Multiline available.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol. See Hose Stock Characteristics.

Reinforcement: Two polyester braids.

Cover: Black or orange urethane resists hydraulic fluids, high temperatures, aging and weather. TH8NC (orange) is non-perforated for applications requiring electrical non-conductivity. TH8NC meets SAE 100R8 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microamperes when subjected to 75 kV/Ft. for five minutes. (Orange is industry accepted color for non-conductive hose). Black cover is perforated for use in general hydraulic and pneumatic service.

Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.	⊖	↕			R	Standard Pack
85419	4TH8NC X50FT	4467-1187	1/4	0.61	5,000	20,000	2.0	1
71020	4TH8NCXCTN	4467-1186	1/4	0.61	5,000	20,000	2.0	250
85420	6TH8NC X50FT	4467-1203	3/8	0.75	4,000	16,000	2.5	1
71082	6TH8NCXCTN	4467-1204	3/8	0.75	4,000	16,000	2.5	250
85421	8TH8NC X50FT	4467-1190	1/2	0.87	3,500	14,000	4.0	1
71083	8TH8NCXCTN	4467-1189	1/2	0.87	3,500	14,000	4.0	250

TH18 Constant Pressure Non Conductive Hydraulic Hose—SAE 100R18 Thermoplastic

Recommended For: TH18 hose meets or exceeds performance requirements of SAE 100R18 with a significantly tighter bend radius. Suitable for petroleum or synthetic-based hydraulic fluids in hydraulic systems. TH18 is ideal for industrial and agricultural applications exposed to low temperatures or cyclic and quick temperature changes. Remains highly flexible in cold weather conditions and is resistant to hydraulic fluids, high temperatures, aging and weathering.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol. See Hose Stock Characteristics.

Reinforcement: One band of synthetic fiber.

Cover: Special polyester, black, perforated.

Temperature Range: -67°F to +212°F (-55°C to +100°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water-based fluids.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings with TuffCoat™ plating.

Part No.	Description	Product No.	⊖	↕			R	Standard Pack
71001	4TH18XCTN	4467-0006	1/4	0.48	3,000	12,000	1.4	250
71002	5TH18XCTN	4467-0007	5/16	0.56	3,000	12,000	1.8	250
71003	6TH18XCTN	4467-0008	3/8	0.65	3,000	12,000	1.8	250
71004	8TH18XCTN	4467-0009	1/2	0.89	3,000	12,000	2.8	250
71005	10TH18XCTN	4467-0010	5/8	1.03	3,000	12,000	3.9	250

TH18NC Constant Pressure Non Conductive Hydraulic Hose—SAE 100R18

Recommended For: TH18NC hose meets or exceeds performance requirements of SAE 100R18 with a significantly tighter bend radius. Suitable for petroleum or synthetic-based hydraulic fluids in hydraulic systems. TH18NC non-conductive hoses are suitable for use in high-voltage applications. Remains highly flexible in cold weather conditions and is resistant to hydraulic fluids, high temperatures, aging and weathering.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol. See Hose Stock Characteristics.

Reinforcement: Two bands of synthetic fiber.

Cover: Special polyester, orange (industry-accepted color for non-conductive hose), non-perforated for applications requiring electrical non-conductivity. Meets SAE 100R18 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microamperes when subjected to 75kV/ft for five minutes.

Temperature Range: -67°F to +212°F (-55°C to +100°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water-based fluids.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp): MegaCrimp® Couplings with TuffCoat™ plating.

Part No.	Description	Product No.						Standard Pack
71006	4TH18NCXCTN	4467-0011	1/4	0.48	3,000	12,000	1.4	250
71007	5TH18NCXCTN	4467-0012	5/16	0.56	3,000	12,000	1.8	250
71008	6TH18NCXCTN	4467-0013	3/8	0.65	3,000	12,000	1.8	250
71009	8TH18NCXCTN	4467-0014	1/2	0.89	3,000	12,000	2.8	250
71010	10TH18NCXCTN	4467-0015	5/8	1.03	3,000	12,000	3.9	250

Notes

In the shop or in the field, Gates has a crimper for every job.

MobileCrimp® 4-20

- The latest in high tech crimping.
- Portable and lightweight – only 57 pounds.
- Powerful enough to crimp up to 1-1/4" I.D. four spiral-wire hose.
- Great for jobs in the field.
- Digital dial accuracy for precise, consistent crimping.

Power Crimp® 707

- The most precise, yet simplest crimper made.
- The first crimper with electronic digital readout to indicate crimp diameter setting.
- Crimps low pressure return lines to high pressure spiral hoses, from 3/16" to 1-1/4" I.D. four-spiral wire.
- Crimps straight and bent tube couplings, plus 45° and 90° block types.
- Swage capable.

Power Crimp® 3000B

- Designed to withstand the punishment of continued use.
- Ram can exert a hydraulic force in excess of 125 tons.
- Crimp all Gates hydraulic hose types 3/16" through 2" I.D. including six spiral-wire hose.
- Automatic limit switch gives push button convenience.

GC32-XD® Crimper

- Crimps every hose and coupling in the Gates hydraulic catalog, including 2-1/2" Global MegaVac® return lines.
- Accepts electrical input from 208 volts to 260 volts, single phase.
- Twice as fast as the Gates OmniCrimp® 21 crimper, which the GC32-XD is replacing.
- Patented quick change tool enables fast loading and unloading of color-coded, numbered dies.

For complete crimper specifications, see the following pages.

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
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PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

MobileCrimp® 4-20 Crimper

This lightweight, versatile crimper is powerful enough to crimp up to 1-1/4" four spiral-wire hose. Weighing approximately 57 pounds, this new field crimper combines the latest crimping technology with old-fashioned toughness and durability.

Digital Dial Control

Just dial in appropriate crimp setting and hold the start button until light comes on and buzzer sounds, then release. Ability to lock-in setting for multiple assemblies. Light and buzzer operate on two "AAA" batteries.

Part Number: 77421
Product Number: 7480-0051

Accessories	Part Number	Product Number
Crimper-to-Pump Male Quick Disconnect	G95311-0606	7252-8831
Crimper-to-Pump Female Quick Disconnect	G95321-0606	7252-8830

MobileCrimp® 4-20 Die Selection Table

For MegaCrimp® (G25) Couplings

Hose Type	Hose Sizes 1/4"	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"
M3K	MC21 or MC31	MC22 or MC32	MC33	MC34	MC35	MC37	—
M2T	MC21 or MC31	MC22 or MC32	MC33	MC34	MC35	MC37	—
G1	MC21 or MC31	MC22 or MC32	MC33	MC34	MC35	MC37	MC39
G2	MC21 or MC31	MC22 or MC32	MC33	MC34	MC35	MC37	MC39

For other hose and coupling configurations, reference **www.gates.com/ecrimp** or Gates crimp data manual.

For GlobalSpiral™ (G20) Couplings

Hose Type	Hose Sizes 3/8"	1/2"	5/8"	3/4"	1"	1-1/4"
EFG6K	MC33	MC33	MC35	MC35	MC37	—
EFG5K	MC33	MC33	MC35	MC35	MC37	—
EFG4K	MC33	MC33	MC35	MC35	MC37	MC39*

***MGS (G21 series) couplings only.**

Die Sets (ordered separately)

Die Set	MC21/MC31	MC22/MC32	MC33	MC34	MC35	MC37	MC39
Part No.	78558/78468	78559/78469	78470	78471	78472	78474	78476
Product No.	7482-1220/1018	7482-1221/1019	7482-1133	7482-1134	7482-1135	7482-1137	7482-1139

MobileCrimp® 4-20 Power Sources

Wide selection of pumps to match all your power needs.

Hand Pump

No power source needed. Economical, convenient and portable for use anywhere. Make factory-quality assemblies in the field to minimize downtime.

Part Number: 77821
Product Number: 7481-0006
Pressure Rating: 10,000 psi
Weight: 25.6 lbs.

Shop Air Pump

Works off standard shop air (90 psi). Economical, convenient and versatile for use wherever 90 psi compressed air is available.

Part Number: 77820
Product Number: 7481-0002
Pressure Rating: 10,000 psi
Weight: 10 lbs.

1/2 HP 115 Volt AC Pump

Medium speed. Economical. Recommended for a stationary or mobile application.

Part Number: 77441
Product Number: 7481-0034
Pressure Rating: 10,000 psi
Weight: 32 lbs.

1-1/2 HP 115 Volt AC Pump

High speed. Recommended for stationary applications only.

Part Number: 77442
Product Number: 7481-0035
Pressure Rating: 10,000 psi
Weight: 108 lbs.

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
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BALL VALVES
KITS

Power Crimp® 707

Gates Power Crimp 707 is the most precise, yet simplest crimper made. It was the first crimper with electronic digital readout to indicate gauge setting.

The toughest part about using the 707 is pushing a button. It takes just a few seconds to make factory-quality hose assemblies.

Crimps most hydraulic hoses from low pressure return lines to extremely high pressure spirals, from 3/16” to 1-1/4” I.D. Crimps straight and bent tube couplings, plus 45° and 90° block types. Can also be adapted for use as a power swager.

SPECIFICATIONS

Part Number: 77700
Product Number: 7480-0043

Standard PC707 without die sets wired for 115 volts (includes die backup ring and a notched cone).

Production Rate: 100 assemblies per hour (using 1/2” I.D. two-wire straight thread assemblies).

Dimensions: 13” wide by 12” deep by 26-1/2” high.

Weight: 188 lbs.

Power Crimp® 707 Die Selection Table

For MegaCrimp® (G25) Couplings

Hose Type	Hose Sizes 1/4”	3/8”	1/2”	5/8”	3/4”	1”	1-1/4”
M3K	721 or 731	722 or 732	733	734	735	737	—
M2T	721 or 731	722 or 732	733	734	735	737	—
G1	721 or 731	722 or 732	733	734	735	737	739
G2	721 or 731	722 or 732	733	734	735	737	739

For GlobalSpiral™ (G20) Couplings

Hose Type	Hose Sizes 3/8”	1/2”	5/8”	3/4”	1”	1-1/4”
EFG6K	733	733	735	735	737	—
EFG5K	733	733	735	735	737	—
EFG4K	733	733	735	735	737	739

For other hose and coupling configurations, reference **www.gates.com/ecrimp** or Gates crimp data manual.

Die Sets (ordered separately)

Die Set	721/731	722/732	733	734	735	737*	739*
Part No.	75943/78931	78944/78932	78933	78934	78935	78937	78939
Product No.	7482-1217/0931	7482-1218/0932	7482-0933	7482-0934	7482-0935	7482-0937	7482-0939

* Must Use No-Notch Die Cone.

Power Crimp® Power Source

The flows of two fixed displacement pumps are combined to deliver a high volume of oil at low pressure for fast transversion.

SPECIFICATIONS

Part Number: 77810
Product Number: 7481-0023
(115 volt, 30 amp, circuit, 1 h.p., 60 cycles)

Dimensions: 12” wide by 25” deep by 12” high.
Weight: 70 lbs.
Maximum Working Pressure: 4,900 psi.

SC32™ Crimper

The Gates SC32 Crimper is an economical bottom-load machine that is easy to use. It offers high ton ram force, with an integrated pump. SC32 crimper is offered in 110V and 220V single phase versions to match the power supply in your shop.

The SC32 has the crimping capacity for assemblies from 3/16" one wire to 2" six wires. This versatile crimper uses the PC707 dies for all hose sizes up to 1 ¼" including PolarSeal assemblies. For assemblies 1 ½" to 2" the SC32 features double-acting dies to crimp the larger ferrule lengths, but limits needed space.

The SC32 Crimper is a cost-effective solution for shops that need to expand their capabilities to occasionally service markets that require larger assemblies such as agriculture, mining, construction, forestry and ski.

- Economical crimper with capacity for assemblies from 3/16" one wire to 2" six wires.
- Offers a high ton ram force with an integrated pump.
- The bottom-load feature makes crimping easier.
- Features double-acting dies to crimp the larger ferrule lengths.
- Compact unit limits the space needed.
- Offered in 110V and 220V single phase versions to match the power supply of your shop.

SPECIFICATIONS

Part Number: 77501 (110V) and 77500 (220V/single phase)
Product Number: 7480-0071 (110V) and 7480-0070 (220V/single phase)
Dimensions: 16.5” wide by 32” deep by 29” high
Weight: 275 lbs.

SC32™ Crimper Die Selection Table

For MegaCrimp® (G25) Couplings

	Hose Sizes						
Hose Type	**1/4"**	**3/8"**	**1/2"**	**5/8"**	**3/4"**	**1"**	**1-1/4"**
M3K	721 or 731	722 or 732	733	734	725	737	—
M2T	721 or 731	722 or 732	733	734	735	737	—
G1	721 or 731	722 or 732	733	734	735	737	739
G2	721 or 731	722 or 732	733	734	735	737	739

For GlobalSpiral™ (G20) Couplings

	Hose Sizes					
Hose Type	**3/8"**	**1/2"**	**5/8"**	**3/4"**	**1"**	**1-1/4"**
EFG3K	733	733	735	735	737	—
EFG3K	733	733	735	735	737	—
EFG3K	733	733	735	735	737	739

For GSP (G22) or GSH (G24) Couplings

	Hose Sizes	
Hose Type	**1-1/2"**	**2"**
G1	310L	312
G2	310L	312
EFG3K	311	313

	Hose Sizes	
Hose Type	**1-1/2"**	**2"**
EFG4K	311	313
EFG5K	311	314
EFG6K	311	

Die Sets (ordered separately)

Die Set	**721/731**	**722/732**	**733**	**734**	**735**	**737***	**739***
Product No.	7482-1217/0931	7482-1218/0932	7482-0933	7482-0934	7482-0935	7482-0937	7482-0939

Die Set	**SC32-310L**	**SC32-311**	**SC32-312**	**SC32-313**	**SC32-314**
Product No.	7482-1710/78977	7482-1711/78978	7482-1712/78979	7482-1713/78980	7482-1714/78981

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Power Crimp® 3000B

Crimp permanent assemblies in hose sizes from 3/16" through 2" I.D. (including six spiral-wire hose) using Gates Power Crimp 3000B.

Power Crimp 3000B is rugged enough to absorb the punishment of continued use. The ram can exert a hydraulic force in excess of 125 tons and can crimp all Gates hydraulic hose types from 3/16" through 2" I.D.

This Gates crimper uses an automatic limit switch to give push-button convenience during the crimping operation—accurately and dependably.

SPECIFICATIONS

Part Number: 77301
Product Number: 7480-0044
Dimensions: 10" wide by 10" deep by 25" high
Weight: 375 lbs.
Production Rate: 209 assemblies per hour (using 1/2" I.D. one-wire braid hose and straight stems with return stroke limiting arm).

Power Crimp® 3000B Die Selection Table

For GlobalSpiral™ (G20) Couplings

Hose Type	Hose Sizes 3/8"	1/2"	5/8"	3/4"	1"	1 1/4"
G6K	33	33	35	35	37	310L
G5K	33	33	35	35	37	310L
C12M	33	33	—	35	37	39

For MegaCrimp® (G25) Couplings

Hose Type	Hose Sizes 1/4"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"
M3K	21 or 31	22 or 32	33	34	35	37	—
M2T	21 or 31	22 or 32	33	34	35	37	—
G1	21 or 31	22 or 32	33	34	35	37	39
G2	21 or 31	22 or 32	33	34	35	37	39

For GSP & GSH Couplings

Hose Type	Hose Sizes 1-1/2"	2"
EFG6K	311	—
EFG5K	311	314
EFG3K	311	313
G1H	310(L)	313
G2H	310(L)	312

For other hose and coupling configurations, reference **www.gates.com/ecrimp** or Gates crimp data manual.

Die Sets (ordered separately)

Die Set	21/31	22/32	33	34	35	37	39
Part No.	78359/78305	78359/78306	78337	78308	78309	78311	78313
Product No.	7482-1224/6515	7482-1225/6516	7482-6517	7482-6518	7482-6519	7482-6582	7482-7011

Die Set	310L①	311	312	313	314	32C4
Part No.	78357	78316	78317	78318	78319	78356
Product No.	7482-1127	7482-7023	7482-7029	7482-6523	7482-0298	7482-6584

①310L supersedes 310 die.

Power Crimp® 3000B Power Sources

ELECTRO-HYDRAULIC PUMP SPECIFICATIONS

All Hydraulic Pumps Pressure Rating: 11,000 psi

Product Number: 7481-0013
440 Volt, 5 amp., 3 H.P., 3-Phase, 60 Cycles 12-Quart Oil Capacity (20W)

Product Number: 7481-0014
230 Volt, 13 amp., 3 H.P., Single Phase, 60 Cycles, 12-Quart Oil Capacity (20W)

Different voltage pumps are available on special order.

Part Number: 77802
Product Number: 7481-0016
230 Volt, 10 amp., 3 H.P., 3-Phase, 60 Cycles, 12-Quart Oil Capacity (20W)

Part Number: 77803
Product Number: 7481-0026
115 Volt, 10 amp., 2 H.P., Single Phase, 60 Cycles, 8-Quart Oil Capacity (20W)

GC32-XD® Crimper

The new GC32-XD crimper from Gates crimps every hose and coupling in our hydraulics catalog—fast. The open crimper head accommodates any Gates hose construction or coupling configuration, including 2-1/2" Global MegaVac® return lines. And it makes them at a rate that's twice as fast as the Gates OmniCrimp® 21 crimper, which the GC32-XD is replacing. Internally, the GC32-XD uses a unique cloverleaf* design that simply produces a better crimp. Unlike standard annular head configurations, Gates exclusive cloverleaf design reinforces the piston so the dies move smoother for more consistent crimps without any taper in the crimp OD.

SPECIFICATIONS

Part Number: 78828
Product Number: 7480-7001
Dimensions: 37" high by 23" wide by 19-1/2" deep
Weight: 660 lbs.
Motor: 5 hp
Pump: 2-stage
Power Source: 208-264V, 45-65 Hz, 1 or 3 phase and 20 Amps
Maximum Operating Pressure: 470 tons
Stand: (Optional): 25-1/2" high by 31-3/4" wide by 16-1/2" deep (height adjustable)

*Patent pending
Rack and stand sold separately

GC32-XD® Crimper

For GlobalSpiral™ (G20) Couplings

Hose Type	Hose Sizes 3/8"	1/2"	5/8"	3/4"	1"	1-1/4"
G6K	32-33	32-33	32-35	32-35	32-37	32-310L
G5K	32-33	32-33	32-35	32-35	32-37	32-310L
C12M	32-33	32-33	—	32-35	32-37	32-39

For GSP & GSH Couplings

Hose Type	Hose Sizes 1-1/2"	2"
EFG6K	32-311	—
EFG5K	32-311	32-314
EFG3K	32-311	32-313
G1H	32-310(L)	32-313
G2H	32-310(L)	32-312

For MegaCrimp® (G25) Couplings

Hose Type	Hose Sizes 1/4"	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"
M3K	32-21 or 32-31	32-22 or 32-32	32-33	32-34	32-35	32-37	—
M2T	32-21 or 32-31	32-22 or 32-32	32-33	32-34	32-35	32-37	—
G1	32-21 or 32-31	32-22 or 32-32	32-33	32-34	32-35	32-37	32-39
G2	32-21 or 32-31	32-22 or 32-32	32-33	32-34	32-35	32-37	32-39

For LifeGuard™ Sheathing

1/4"	3/8"	1/2"
32-3234	32-3335	32-3436

For other hose and coupling configurations, reference **www.gates.com/ecrimp** or Gates crimp data manual.

Die Sets (ordered separately)

Die Set	32-21	32-22	32-31	32-33	32-34	32-35	32-36	32-37
Part No.	78860	78861	78862	78863	78864	78865	78866	78867
Product No.	7482-7128	7482-7129	7482-7130	7482-7131	7482-7132	7482-7133	7482-7134	7482-7135
Die Set	**32-38**	**32-39**	**32-310L**	**32-311**	**32-312**	**32-313**	**32-314**	**32-40**
Part No.	78868	78869	78870	78871	78872	78873	78874	78875
Product No.	7482-7136	7482-7137	7482-7138	7482-7139	7482-7140	7482-7141	7482-7142	7482-7143
Die Set	**32-41**	**32-42**	**32-43**	**32-44**	**32-46**	**32-81**	**32-82**	**32-83**
Part No.	78876	78877	78878	78879	78880	78881	78882	78883
Product No.	7482-7144	7482-7145	7482-7146	7482-7147	7482-7148	7482-7149	7482-7150	7482-7151
Die Set	**32-71**	**32-72**	**32-73**	**32-74**	**32-75**	**32-84**	**32-85**	**32-86**
Part No.	78671	78672	78673	78674	78675	78884	78885	78886
Product No.	7482-7200	7482-7201	7482-7202	7482-7203	7482-7204	7482-7152	7482-7153	7482-7154
Die Set	**32-87**	**32-331**	**32-45**					
Part No.	78887	78888	78889					
Product No.	7482-7155	7482-7156	7482-7157					

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

PolarSeal® Hose Portable Crimper

Part Number: 77716
Product Number: 7480-6599

Gates portable PolarSeal Crimper is a hand-operated hose crimping machine specifically designed for crimping Gates PolarSeal couplings and is intended for use with Gates PolarSeal refrigerant hose. Standard dies included will crimp 5/16” (-6 Black), 13/32” (-8 Blue), 1/2” (-10 Green) and 5/8” (-12 Clear) sizes.

Features:

- Portable hand operation, easy to change over from size to size.
- Heavy-duty construction for use with air impact wrenches.
- Crimps two-braid dimension or nylon barrier hose.
- OE-style bubble crimp.
- Quick-change dies, no tools required to change sizes.
- Lightweight for easy handling, less than six lbs.
- Capable of crimping underhood air conditioning applications.
- Includes four color-coded die sets for crimping two-braid barrier hose.
- Removable die holder accommodates complicated shapes.
- Color-coded, urethane encased dies.
- Unit can be bench-mounted.
- Shipped in a custom carrying case with instructions.
- No electrical requirements.
- Locator flag centers ferrule in dies.

Hydraulic Hose Reel Rack

This sturdy and convenient rack stores three reels of hose. (Hose not included.)

Part Number: 78186
Product Number: 7484-0019
Dimensions: 30” deep by 28” wide by 72” high

Vertical Hydraulic Hose Cabinet

Rack up sales and get organized at the same time with a new ‘vertical’ hydraulic hose cabinet from Gates.

Part Number: 78188
Product Number: 7484-0022

- Six narrow and two wide slots to stock a variety of hydraulic hoses.
- Designed to support one hydraulic coupling cabinet on top for maximum efficiency.
- Optional choice for use as cabinet base with maximum of one four-drawer cabinet.
- Shown with four-drawer cabinet (purchase separately as Product No. 7484-0010).

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
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BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Hydraulic Coupling Cabinet

Customized to fit all your needs!

Now even more versatile, these easy-to-assemble units are compactly designed to give you years of reliable service. *Components are ordered individually* by product number for easy customization.

1 ■ MobileCrimp® 4-20

Pre-drilled holes in mounting shelf (item #2 below) allows easy mounting of either the Positive Stop or Digital Dial MobileCrimp 4-20 crimper.

Safety Hints:

*If the MobileCrimp 4-20 is mounted on top of the cabinet, you **must:***

- *Use crimper mounting shelf* (item #2 below)
- *Bolt shelf and cabinet to wall using pre-drilled holes*
- *Not use the caster leg set*

2 ■ Mounting Shelf for MC 4-20 Crimper

Part No. 78193
Product No. 7484-0013

3 ■ Coupling Cabinet with Four Sliding Shelves (Two Shown)

Part No. 78190
Product No. 7484-0010

Shelves slide out for easy access and can hold a combination of ten 3-1/2" wide bin boxes or five 7" wide bin boxes. Unit can be stacked and bolted together as shown in illustration. Each measures 41" wide by 21" high by 12" deep.

Safety Hint:

Slide open only one shelf at a time to avoid tipping.

4 ■ Stationary Legs (Shown)

Part No. 78191
Product No. 7484-0011

Allows for precise leveling.

Heavy-Duty Caster Leg Set (Not Shown)

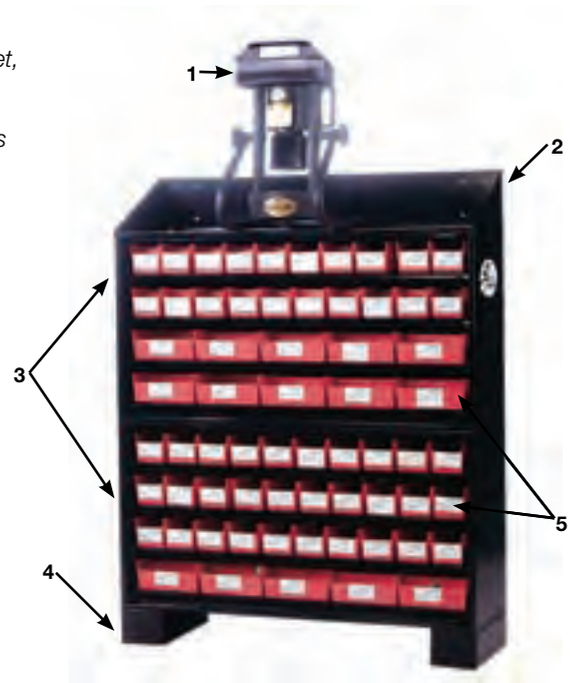
Part No. 78192
Product No. 7484-0012

Set consists of four heavy-duty casters, two of which can be locked.

5 ■ Bin Boxes

Order separately in whatever combination best fits your needs. Dividers come with each bin box. Each bin box has slots to allow for maximum utilization.

Description	Part No.	Product No.
Ten 3.5" wide bins with 30 dividers	78194	7484-0014
Five 7" wide bins with 15 dividers	78195	7484-0015
Three dividers for 3.5" wide bin box	78196	7484-0016
Four dividers for 7" wide bin box	78197	7484-0017



When assembled, the typical combination of two four-shelf coupling cabinets and stationary leg set as shown measures 48" high by 41" wide by 12" deep.

Two-Drawer Coupling Cabinet

Part No. 78189
Product No. 7484-0021

This two-drawer cabinet is ideal to add nylon air brake tubing couplings to your hydraulic inventory. This cabinet can be stacked and bolted together with your existing hydraulic cabinet. Uses the same bin boxes as listed above. Measures 41" wide by 11" high by 12" deep.

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Work Bench

Part Number: 78022
Product Number: 7484-0020
Dimensions: 36” wide by 24” deep by 36” tall
This new hydraulic work bench is ideal for holding either the Power Crimp® 707 or MobileCrimp® 4-20 crimpers as well as hydraulic saws. The lower shelf can be used for storage or as shown with the pump. It is made of an angle iron frame construction with a high-density fiberboard top and welded 13-gauge steel lower shelf. All hardware is included to allow for easy assembly in about 10 minutes.

Hydraulic Coupling Bin

Part Number: 78207
Product Number: 7484-0007
The 24-bin cabinet is constructed of heavy gauge steel. Cabinet measures 34” wide by 24” high by 12” deep. Excellent for storing large 1-1/4” to 2” I.D. couplings.

Coupling Bin Boxes

Bin boxes for hydraulic couplings. Corrugated cardboard design gives extra strength. Includes four dividers per box.

Part Number: 78208
Product Number: 7484-0008
Measures: 5” wide by 4-1/2” high by 11” deep.

Part Number: 78212
Product Number: 7484-0009
Measures: 7-1/2” wide by 4-1/2” high by 11” deep.

Gates Hose Cutter Model 2-24

For two-wire braid hose through 1-1/2” ID.

Product Number: 7480-6600

Clean Easy Cuts – Safe Operation

FEATURES:

- Cuts up to 1-1/2” I.D. two-wire braid reinforced hose.
- Designed to operate on standard 20 amp service.
- Reversible 8” scalloped-edge, high-speed steel blade with 5/8” bore can be sharpened.
- Radius hose feed into blade for safety and reduced friction.
- Inner blade guard for safe operation.

SPECIFICATIONS
Power Source: 1-1/2 HP (2.6 HP Peak), 115V, 60 Hz., 15 Amp motor with power cord and plug.
Dimensions: 13” wide by 24” length by 17” high.
Weight: 65 lbs.

Replacement Blade
Part Number: 78008
Product Number: 7793-0113

Gates Power Cutter® 207

Part Number: 78019
Product Number: 7480-6598

Effortless Straight Cuts Every Time

- Clear face shield for added safety.
- Powerful high torque, 4.2 horsepower peak motor that makes cutting faster and easier.
- Includes scalloped, 12” blade to dissipate heat, reducing friction for clean, faster cuts up to 1-1/4” I.D.
- Optional abrasive blade for continuous use with 1-1/4” I.D and larger spiral-wire reinforced hose.
- Safely cuts two and four-wire hoses through 2”, six-wire hoses through 1-1/4”.
- Reversible blade can be sharpened; removal and installation is easy.
- Cuts small 3/16” I.D. hose and handles the tough jobs, including 2” I.D. spiral wire hoses.*
- Easy to use, front face plate with moveable pins holds hose securely for a clean straight cut.
- Sturdy blade guard shields blade for safety.
- Permanent mounting brackets (included) to attach saw to table.

*Optional abrasive blade preferred for cutting spiral-wire hose, larger than 1-1/4” I.D.

CUTTER SPECIFICATIONS

Shaft/Arbor Hole Diameter: 1”

Power Source: 4.2 HP Peak, 115/50/60 Hz, 20 Amps.

No Load Speed: 3,500 rpm

Dimensions: 22-1/2” wide by 18-1/4” length by 23-1/2” high

Weight: 65 lbs.

Caution: *Keep blade sharp. Heat generated by a dull blade can damage steel and flare the hose.*

BLADE SPECIFICATIONS

Blade Dimensions: 12” by 1/8”

Scalloped Replacement
Part Number: 78009
Product Number: 7482-0983

Optional Abrasive
Part Number: 78011
Product Number: 7482-0426

Gates Hose Cutter Model 6-32

For six-wire spiral and two-wire braid hose through 2” I.D.
Part Number: 78018
Product Number: 7480-6597

Clean Easy Cuts – Safe Operation

FEATURES:

- Cuts up to 2” I.D. two-wire braid through six-spiral reinforced hose.
- Reversible 10” scalloped-edge, high-speed steel blade with 3/4” bore, can be sharpened.
- Radius hose feed into blade for safety and reduced friction.
- Inner blade guard for safe operation.
- Power cord supplied with standard 220V, 20 Amp, AC plug. Can be removed for hard wire situations.
- **Includes Coolant Spray System Kit** for reduced heat in high-capacity cutting applications (recommended for multi-braid and spiral reinforced hose). Kit includes reservoir, spray nozzle and mounting hardware.

SPECIFICATIONS

Power Source: 3 HP (5.2 HP Peak), Single or three phase, 230V, 60 Hz., 15 Amp motor with power cord and plug

Dimensions: 22” wide by 42” length by 24” high

Weight: 215 lbs.

Replacement Blade
Part Number: 78003
Product Number: 7482-1329

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
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POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

2-16 Portable Hose Saw

SPECIFICATIONS

Voltage: 120 Volt
Cycle: 60 Hz / 1 phase
Power: 5 Amp
No-load speed: 8,300 rpm
Wheel size: 7"
Arbor Hole: 7/8"

FEATURES:

- Cuts up to 1", two-wire braid
- Abrasive cut-off wheel

Description	Part Number	Product Number
2-16 Saw	78024	7480-6601
2-16 Saw Brushes for Motor	78026	7482 -0000
2-16 Saw Blade	78025	7482-0003
2-16 Saw Replacement Motor	78027	7482-0004

Hand-Held Hose Cutter

Part Number: 91153
Product Number: 7469-0153

Makes clean cuts—no ragged edges. Cuts most non-metal reinforced rubber hoses. Excellent for cutting textile-reinforced hose.

FEATURES:

- Lightweight with nylon handles.
- Blade closes into handle for safety.
- Cutter and blades packaged individually on shrink-wrapped cards.

Replacement Blade
Product Number: 7469-0154

Small Nylon Tubing Cutter & Replacement Blades

Part Number: 78015
Product Number: 7208-40105

Tubing cutter gives straight, clean, square cuts on J844 tubing.

FEATURES:

- Lightweight and compact size – 3/4" by 3".
- Designed to ensure user's safety.
- "Blade guard" offers more protection against accidental blade contact.
- Handle has ribs for improved grip.

Replacement Blade
Product Number: 7208-40205

Gates also offers replacement blades in a five pack bag.

Swager Conversion Kit for the Power Crimp® 707

Produces top quality assemblies using Gates 1/8” and 3/16” TH7, TH7NC, TH8 and TH8NC thermoplastic hydraulic hose with Gates PCTS couplings and Gates C14 PTFE hose and couplings. Easily converts the Power Crimp 707 to a power swager.

Description	Part Number	Product Number
Complete Kit	78081	7480-0040
Collar	78820	7482-0429
Die Cone	78821	7482-0430
Adapter	78824	7482-0433
Actuator Rod	78753	7482-0482
1/2” Spacer Ring	78184	7482-1253

Dies and pushers must be ordered separately. See Swage Data Chart in Gates Crimp Data Manual for details.

Gates HS-1 Hand Swager

Part Number: 78080
Product Number: 7483-1000

Produces top quality assemblies using Gates 1/8” and 3/16” TH7, TH7NC, TH8 and TH8NC thermoplastic hydraulic hose with Gates PCTS couplings and Gates C14 PTFE hose and couplings.

Simply insert the assembly into the swager from the bottom, place dies around the coupling, and pump the handle.

A six-ton jack then goes to work and the swage is completed. Positive dies ensure a correct swage every time.

The perfectly swaged assembly is removed and you are ready to repeat the process.

Pushers and dies must be ordered separately.

SPECIFICATIONS

Dimensions: 15” wide by 7” deep by 19-1/2” high

Weight: 41 lbs.

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Hose Assembly Machine Power Mate® 25

Portable hose assembly machine for field attachable couplings.

Part Number: 78020
Product Number: 7480-0029
(115 volts, 30 amps, 1 phase, 60 cycles.)

Folding Stand Product Number: 7480-0030

- Produces complete, dependable hose assemblies.
- Applies field attachable couplings in sizes from 3/16” through 2” I.D. on medium and high-pressure hoses.
- Accommodates male pipe, swivel, flange and elbow type field attachable couplings.
- Easy and safe to operate.
- Hand-skiving tool can be used with Power Mate 25.
- Affords quick and simple operation—reduces costly downtime and delays.

- Heavy-duty—provides years of trouble-free service.
- Weighs 141 lbs. (without stand). Takes up less than 4 by 5 ft. of floor space with stand.
- Can be bench mounted or made portable with folding leg stand.

Hand Skiving Tool

Part Number: 78030
Product Number: 7480-0413

Spare Blade
Part Number: 78041
Product Number: 7482-0410

For use in skiving 3/16” through 2” I.D. wire braid and spiral reinforced hydraulic hose.

Skiving kit contains:

- Bracket
- Allen wrench
- Knife holder with knife
- Wire brush
- Brace

Ten mandrels (ordered separately) are available. Mandrels are adjustable so you can skive any Gates hose to the correct length. Can be used with Power Mate® 25.

Mandrels:

Size	Product Number	Size	Part Number	Product Number
3/16”	7482-0400	3/4”	78036	7482-0405
1/4”	7482-0401	1”	78037	7482-0406
3/8”	7482-0402	1-1/4”	78038	7482-0407
1/2”	7482-0403	1-1/2”	78039	7482-0408
5/8”	7482-0404	2”	78040	7482-0409

Push-On Tool

Part Number: 78050
Product Number: 7480-0100

This hand-operated coupling machine, made of rugged cast iron and steel construction, eliminates the hard work of manually pushing stems into hoses.

It comes complete with mandrels for 1/4”, 3/8”, 1/2”, 5/8” and 3/4” I.D. sizes of lock-on couplings.

Hand-Operated Hose Perforator Tool

These hose perforators have needle-studded wooden rollers which perforate the covers of non-skive wire braid hose used in high pressure inert gas applications. They are hand-operated so the operator can control the degree of perforation in the hose cover.

1-1/4" Hose Perforator for 3/16" to 3/4" I.D. Hose

Part Number: 78070
Product Number: 7482-6565

Dimensions: 2-1/2" O.D. roller by 1-1/4" wide by 8" OAL.

Weight: 3/4 lbs.

3" Hose Perforator for 1" to 2" I.D. Hose

Part Number: 78071
Product Number: 7482-6566

Dimensions: 3-3/4" O.D. roller by 3" wide by 9-1/2" OAL.

Weight: 1-1/4 lbs.

C14 Hose Cutting Shear Recommended for C14 PTFE Hose

Part Number: 78006
Product Number: 7480-6596

This cutting shear handles Gates C14 PTFE hose up through 1" without requiring pretaping of the hose. The shear is fast and easy to use and results in a very clean cut.

Weight: 18 lbs.
Dimensions: 9" wide by 15" high by 14" deep. 30" handle.

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GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
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STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
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BALL VALVES
KITS

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KITS

C14 Hose Insertion Die Holder for Use with Hose Insertion Dies

Required for inserting hose into ferrule on all sizes. Use the fixture (see photo) to mount the Hose Insertion Die Holder onto a bench top to aid in the assembly of Gates C14 hose. Each item listed in the table below must be ordered separately. See product numbers listed in Gates Crimp Data and Dies Manual.

Description	Part Number	Product Number
Hose Insertion Die Holder	78518	7483-0510
Hose Insertion Fixture	78517	7483-0511

C14 Hose Insertion Dies

Used to guide the hose into the ferrule when used with the Hose Insertion Die Holder. One set required for each hose size. See product numbers listed in Gates Crimp Data and Dies Manual.

C14 Hose Expanders

Used to expand the hose and round out the tube after cutting and to insert the stem into the hose. One expander required for each hose size. See product numbers listed in Gates Crimp Data and Dies Manual.

C14 Swage Pushers

Specially designed to accommodate Gates C14 couplings. They protect the threads and bottom out on the dies to complete the swage. Use the C14 Swage Data Chart in Gates Crimp Data and Dies Manual to determine the proper pushers.

C14 Swage Dies

Specifically designed to swage Gates C14 hose assemblies. They provide the required swage dimensions to meet full performance. One die set is required for each hose size. See product numbers listed in Gates Crimp Data and Dies Manual.

MegaCrimp® Coupling Insertion Tool

Part Number: 78017
Product Number: 7482-1342

Offers an easy way to confirm the right insertion depth for all Gates wire-braid hydraulic hoses.

To use, simply insert the hose into its proper slot indicated by dash size, push it all the way in, check for square cut (maximum allowable angle of cut is five degrees), then mark the insertion depth on the hose.

MegaClean™ System

Used to remove dirt from the inside out with the help of pressurized launchers and compatible nozzles. Gates MegaClean foam projectiles sweep through the inside surface of the hose, taking fine particles of loose dirt and other contaminants with them. At 20–30 percent larger than the hose ID, these projectiles leave nothing behind but a hose that truly is clean from the inside out.

MegaClean MC-K32 Kit

Part Number: MC-K32
Product Number: 7467-0001

- MCL-32 Hand Launcher (Including "Rotary" Plug & Coupler)
- MC-GAR-1 Adapter Ring (-4 thru -20)
- LC32 Carrying & Storage Case
- Hose Nozzles GH-04, GH-05, GH-06, GH-08, GH-10, GH-12, GH-16, GH-20, GH-24, GH-32
- JIC Assembly Nozzles GA-04, GA-06, GA-08, GA-10, GA-12, GA-16, GA-20, GA-24, GA-32
- FFORX Nozzle GA-04
- MC-32 Launcher Stand
- 1 Projectile Catcher Bucket
- 1 Roll MegaClean Assembly Tape
- 1 Bag of Projectiles Listed in Chart Below

MegaClean MC-K20 Kit (Hose ¼" – 1¼")

Part Number: MC-K20
Product Number: 7467-0002

- MCL-20 Hand Launcher
- Female Quick-Release Coupler
- LC20 Carrying & Storage Case
- GH-04, GH-05, GH-06, GH-08, GH-10, GH-12, GH-16, GH-20 Hose Nozzles
- 1 Projectile Catcher Bucket
- 1 Roll MegaClean Assembly Tape
- 1 Bag of Projectiles Listed in Chart Below

MegaClean Projectiles Included in Kits

Product Number	Part Number	MC-K32	MC-K20	Bag Quantity
7467-50005	MC-HAP-04	X	X	100
7467-50025	MC-HP-04	X	X	100
7467-50035	MC-HAP-06	X	X	100
7467-50045	MC-HP-06	X	X	100
7467-50055	MC-HAP-08	X	X	100
7467-50065	MC-HP-08	X	X	100
7467-50075	MC-HP-08-1	X	X	50
7467-50085	MC-HP-10	X	X	50
7467-50105	MC-HP-12	X	X	50
7467-50135	MC-HP-16	X	X	40
7467-50155	MC-HP-20	X	X	30
7467-50175	MC-HP-24	X		20
7467-50195	MC-HP-32	X		15

How it works:

Step 1

Step 2

(continues next page)

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PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
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KITS

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KITS

MegaClean™ System Replacement Projectiles

Description	Product Number	Part Number
MegaClean HAP-04-01 Assembly Projectile (100 ea)	7467-50005	MC-HAP-04-1
MegaClean HAP-04 Assembly Projectile (100 ea)	7467-50015	MC-HAP-04
MegaClean HP-04 Hose Projectile (100 ea)	7467-50025	MC-HP-04
MegaClean HAP-06 Assembly Projectile (100 ea)	7467-50035	MC-HAP-06
MegaClean HP-06 Hose Projectile (100 ea)	7467-50045	MC-HP-06
MegaClean HAP-08 Assembly Projectile (100 ea)	7467-50055	MC-HAP-08
MegaClean HP-08 Hose Projectile (100 ea)	7467-50065	MC-HP-08
MegaClean HP-08-1 Hose Projectile (50 ea)	7467-50075	MC-HP-08-1
MegaClean HP-10 Hose Projectile (50 ea)	7467-50085	MC-HP-10
MegaClean HP-10-1 Hose Projectile (50 ea)	7467-50095	MC-HP-10-1
MegaClean HP-12 Hose Projectile (50 ea)	7467-50105	MC-HP-12
MegaClean HP-12-1 Hose Projectile (40 ea)	7467-50115	MC-HP-12-1
MegaClean HP-14 Hose Projectile (40 ea)	7467-50125	MC-HP-14
MegaClean HP-16 Hose Projectile (40 ea)	7467-50135	MC-HP-16
MegaClean HP-16-1 Hose Projectile (30 ea)	7467-50145	MC-HP-16-1
MegaClean HP-20 Hose Projectile (30 ea)	7467-50155	MC-HP-20
MegaClean HP-20-1 Hose Projectile (20 ea)	7467-50165	MC-HP-20-1
MegaClean HP-24 Hose Projectile (20 ea)	7467-50175	MC-HP-24
MegaClean HP-24-1 Hose Projectile (15 ea)	7467-50185	MC-HP-24-1
MegaClean HP-32 Hose Projectile (15 ea)	7467-50195	MC-HP-32
MegaClean HP-32-1 Hose Projectile (10 ea)	7467-50205	MC-HP-32-1
MegaClean HP-40 Hose Projectile (10 ea)	7467-50215	MC-HP-40
MegaClean HP-48 Hose Projectile (10 ea)	7467-50225	MC-HP-48
MegaClean HP-56 Hose Projectile (10 ea)	7467-50235	MC-HP-56
MegaClean HP-64 Hose Projectile (10 ea)	7467-50245	MC-HP-64

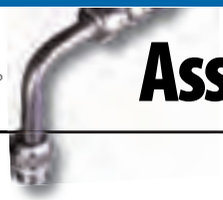
Description – Bulk Pack	Product Number	Part Number
MegaClean HAPB-04-01 Assembly Projectile Bulk (10000 ea)	7467-5000	MC-HAPB-04-1
MegaClean HAPB-04 Assembly Projectile Bulk (10000 ea)	7467-5001	MC-HAPB-04
MegaClean HAPB-04 Assembly Projectile Bulk (10000 ea)	7467-5002	MC-HPB-04
MegaClean HAPB-06 Assembly Projectile Bulk (10000 ea)	7467-5003	MC-HAPB-06
MegaClean HPB-06 Hose Projectile Bulk (10000 ea)	7467-5004	MC-HPB-06
MegaClean HAPB-08 Assembly Projectile Bulk (10000 ea)	7467-5005	MC-HAPB-08
MegaClean HPB-08 Hose Projectile Bulk (10000 ea)	7467-5006	MC-HPB-08
MegaClean HPB-08-1 Hose Projectile Bulk (9000 ea)	7467-5007	MC-HPB-08-1
MegaClean HPB-10 Hose Projectile Bulk (7000 ea)	7467-5008	MC-HPB-10
MegaClean HPB-10-1 Hose Projectile Bulk (5500 ea)	7467-5009	MC-HPB-10-1
MegaClean HPB-12 Hose Projectile Bulk (4000 ea)	7467-5010	MC-HPB-12
MegaClean HPB-12-1 Hose Projectile Bulk (3800 ea)	7467-5011	MC-HPB-12-1
MegaClean HPB-14 Hose Projectile Bulk (3500 ea)	7467-5012	MC-HPB-14
MegaClean HPB-16 Hose Projectile Bulk (2000 ea)	7467-5013	MC-HPB-16
MegaClean HPB-16-1 Hose Projectile Bulk (1900 ea)	7467-5014	MC-HPB-16-1
MegaClean HPB-20 Hose Projectile Bulk (1500 ea)	7467-5015	MC-HPB-20
MegaClean HPB-20-1 Hose Projectile Bulk (1200 ea)	7467-5016	MC-HPB-20-1
MegaClean HPB-24 Hose Projectile Bulk (650 ea)	7467-5017	MC-HPB-24
MegaClean HPB-24-1 Hose Projectile Bulk (600 ea)	7467-5018	MC-HPB-24-1
MegaClean HPB-32 Hose Projectile Bulk (450 ea)	7467-5019	MC-HPB-32
MegaClean HPB-32-1 Hose Projectile Bulk (360 ea)	7467-5020	MC-HPB-32-1

Step 3

Step 4

Step 5

Step 6



Assembly Fabrication Guide

Gates Bend-N-Fit™ Tube Bender

Part Number: 91025

Product Number: 7468-1040

Simply and easily duplicates bent tubes:

- Power Steering
- Air Conditioning
- Transmission Oil Cooler
- Fuel Lines
- Plus many more applications

Bends SAE tubing as well as metric tubing – without changing any tooling - in the following sizes:

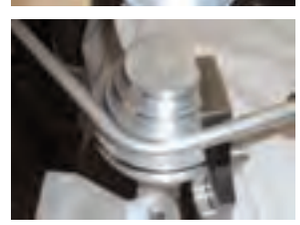
1/4" 5/16" 3/8" 1/2" 6mm -13mm

Easy! One-handed Operation

- Load tubing by pushing in on Tubing Lock Release.
- Pull down on Tubing Lock.
- Load tubing into proper size bending slot.
- Close Tubing Lock until it snaps into place. (Tubing Lock must snap for the tube to be firmly supported and for the tube to bend properly.)
- Close the tube support slide onto the tube.

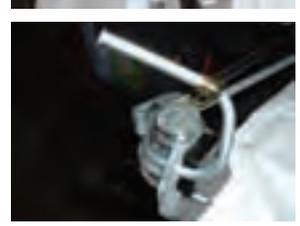
Top of bender is segmented into 7 1/2° marks. This aids in precision bends. Original tube can be used as a pattern by measuring bends or by holding old tube above bender.

IMPORTANT: Be sure the mark on the tube support slide lines up with the zero on the top of the bender. Not lining up with zero will cause notching or creasing of the tube.



- Push handle sliding Tube Support Slide across tube to make your bend.
- Once you've made your first bend, rotate handle out of your way.
- Push in on Tubing Lock Release.
- Pull down on Tubing Lock.
- Remove tubing and reorient for next bend.

Both the Tube Slide and Tube Lock move completely out of the way. This allows for bends in multiple planes.



EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
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POWER CRIMP COUPLINGS
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HOSE CUTTERS & TOOLS
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BALL VALVES
KITS

Notes

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Seven Easy Steps for Selecting the Proper Hose

An effective way to remember hose selection criteria is to remember the word...

STAMPED

S = Size

T = Temperature

A = Application

M = Material to be conveyed

P = Pressure

E = Ends or couplings

D = Delivery (volume and velocity)

1. Hose Size (Dash Numbers)

The inside diameter of the hose must be adequate to keep pressure loss to a minimum and avoid damage to the hose due to heat generation or excessive turbulence. See hose sizing Nomographic Chart.

To determine the replacement hose size, read the layline printed on the side of the original hose. If the original hose layline is painted over or worn off, the original hose must be cut and the inside diameter measured for size.

NOTE: Before cutting an original hose assembly, measure the overall assembly length and fitting orientation. These measurements will be required to build the replacement assembly.

The hydraulics industry has adopted a measuring system called Dash Numbers to indicate hose and coupling size. The number which precedes the hose or coupling description is the dash size (see table). This industry standard number denotes hose I.D. in sixteenths of an inch. (The exception to this is the SAE100R5 hoses C5C, C5D, C5E, C5M as well as, C14 and AC134a, where dash sizes denote hose I.D. equal to equivalent tube O.D.) See chart to the right.

	Hose I.D. (Inches)			
	All Except C5 Series, C14 and AC134a		C5 Series, C14 and AC134a	
Dash No.	Inches	Millimeters	Inches	Millimeters
-2	1/8	3.2	–	–
-3	3/16	4.8	–	–
-4	1/4	6.4	3/16	4.8
-5	5/16	7.9	1/4	6.4
-6	3/8	9.5	5/16	7.9
-8	1/2	12.7	13/32	10.3
-10	5/8	15.9	1/2	12.7
-12	3/4	19.0	5/8	15.9
-14	7/8	22.2	–	–
-16	1	25.4	7/8	22.2
-20	1-1/4	31.8	1-1/8	28.6
-24	1-1/2	38.1	1-3/8	34.9
-32	2	50.8	1-13/16	46.0
-36	2-1/4	57.6	–	–
-40	2-1/2	63.5	2-3/8	60.3
-48	3	76.2	–	–
-56	3-1/2	88.9	–	–
-64	4	101.6	–	–
-72	4-1/2	115.2	–	–

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BALL VALVES
KITS

Selecting the Proper Hose — con't.

Hose O.D. can be a critical factor when hose routing clamps are used or hoses are routed through bulkheads. Check individual hose specification tables for O.D.'s.

2. Temperature

When selecting a replacement assembly, two areas of temperature must be considered. These are fluid temperature and ambient temperature. The hose selected must be capable of withstanding the minimum and maximum temperature seen by the system. Care must be taken when routing near hot manifolds and in extreme cases a heat shield may be advisable.

See the Gates Hydraulic Hose Selection Guide; Hose Specification Pages; and/or the Additional Temperature Limits for Gates Hydraulic Hoses Chart for temperature ranges and limits for water, water/oil emulsions and water/glycol solutions.

3. Application

Determine where or how the replacement hose or assembly is to be used. Most often only a duplicate of the original hose will have to be made. To fulfill the requirements of the application, additional questions may need to be answered, such as:

- Where Will Hose be Used?
- Fluid and/or Ambient Temperature?
- Hose Construction?
- Equipment Type?
- Fluid Compatibility?
- Thread End Connection Type?
- Working and Surge Pressures?
- Environmental Conditions?
- Permanent or Field Attachable Couplings?
- Suction Application?
- Routing Requirements?
- Thread Type?
- Government and Industry Standards Being Met?
- Unusual Mechanical Loads?
- Minimum Bend Radius?
- Non-Conductive Hose Required?
- Excessive Abrasion?

4. Material to be Conveyed

Some applications require specialized oils or chemicals to be conveyed through the system. Hose selection must ensure compatibility of the hose tube, cover,couplings and O-rings with the fluid used. Additional caution must be exercised in hose selection for gaseous applications such as refrigerants and LPG.

NOTE: All block type couplings contain nitrile O-rings which must be compatible with the fluids being used.

5. Pressure

Most important in the hose selection process is knowing system pressure, including pressure spikes. Published working pressures must be equal to or greater than the system pressure. Pressure spikes greater than the published working pressure will shorten hose life and must be taken into consideration. Gates DOES NOT recommend using hoses on applications having pressure spikes greater than published working pressures of the hose.

6. Ends of Couplings

Identify end connections using Gates coupling templates and measuring tools or Coupling Identification section. Once thread ends have been identified, consult the appropriate section of the catalog for specific part number selection.

7. Delivery (Volume and Velocity)

If the same I.D. of the original hose is used, assume the system is properly sized to efficiently transport fluid. If the system is new or altered, determine the hose I.D. needed to transport required fluid volume flow by using the Nomographic Chart.

Agency Specifications and Hose Selection Guide

INDUSTRY AGENCIES

ABS — American Bureau of Shipping
AS — Australia Standard
DIN — Deutsch Industry Norm, German
DNV — Det Norske Veritas for North Sea Floating Vessels
EN — European Norm/Standard
GL — Germanischer Lloyds
IJS — Industrial Jack Specifications
RCCC — Regular Commom Carrier Conference for Fleet Truck and Bus
SAE — Society of Automotive Engineers

GOVERNMENT AGENCIES

DOT/FMVSS — U.S. Department of Transportation/ Federal Motor Vehicle Safety Standard
MSHA — U.S. Mine Safety and Health Administration
USCG — U.S. Coast Guard

Meets These Agency Specifications

Hose Type	ABS	AS	DIN	DNV	EN	GL	IJS	RCCC	SAE	DOT/ FMVSS	MSHA	USCG J1942	
												Fuel Oil	Power
EFG6K, G6K	X	X	20023 4SH/4SP	X	EN 856 4SH/4SP				100R15		X		X
EFG5K, G5K	X	X	20023 4SH/4SP	X	EN 856 4SH/4SP				100R13		X		X
EFG4K, G4K	X	X	20023 4SP		EN 856 4SP				100R12		X		X
EFG3K, G3K	X		20023 4SP		EN 856 4SP				100R12		X		X
M5K		X				X							
M4K+	X	X				X			100R19		X		X
M4KH	X					X			100R19		X		X
G2XH									100R2 Type AT		X		X
G2AT-HMP									100R2 Type AT		X		X*
M2T®	X	X		X	EN 853 2SN				100R16		X		X
M2T® Plus					EN 853 2SN				100R16		X		
CM2T					EN 857 2CS				100R16		X		
G2		X	20022 2SN	X	EN 853 2SN	X			100R2 Type AT		X		X
G2H		X		X	EN 853 2SN				100R2 Type AT		X	X	X
J2AT							X				X		
M3K	X	X		X	EN 857	X			100R17		X		X
M3K -12, -16	X	X		X	EN 857	X			100R17, 100R9		X	X	X
G1		X	20022 1SN	X	EN 853 1SN	X			100R1 Type AT		X		X
G1H				X	EN 853 1SN				100R1 Type AT		X	X	
MegaTech™									J1402, J1405	106-74 (-4 to -10)			
TR500									J1402	106-74			
NABT									J844				
C5C								RP305(B)	100R5	106-74 Type AII (-4 to -10)			
C5E									J1405	106-74 Type AI			
C5D									J1405	106-74 Type AII			
C5M	X								J30R2, J1527		X	X	
G3H					EN 854 R3				100R3				
GTH, GTHX					EN 854 R6				100R6				
GMV	X@	X							100R4		X		X
LOL											X		
THERMOPLASTIC													
TH7, TH7NC***									100R7				
TH8, TH8NC									100R8				
TH18, TH18NC									100R18				
C14									100R14				
REFRIGERANT													
PolarSeal® AC134a									J51 Type 2, J2064				
POWER STEERING													
PS188									2050				

* Except 1/4"
** Except 3/8" & 1/2"
*** TH7NC meets ANSI A92.2 for vehicle mounted aerial devices (-3 to -8)
@ to be used with a fire sleeve

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Characteristics of Hose Stock Types

The characteristics shown below are for the normal or usual range of these specific stocks. Stocks can be changed somewhat through different compounding to meet the requirements of specialized applications.

Tube and cover stocks may occasionally be upgraded to take advantage of improved materials and technology.

For detailed information on a specific hose tube or cover stock, check the Chemical Resistance Table and also the specific hose page.

	Neoprene (Poly-Choroprene) Type A	Nitrile (Acrylonitrile and Butadiene) Type C	Nylon Type Z	Hypalon* (Chlorosulfonated Polyethylene) Type M	EPDM (Ethylene Propylene Diene) Type P	CPE (Chlorinated Polyethylene) Type J	PTFE (Poly-tetrafluoro-ethylene) Type T
Flame Resistance	Very Good	Poor	Good	Good	Poor	Good	Good
Petroleum Base Oils	Good	Excellent	Good to Excellent	Good	Poor	Very Good	Excellent
Diesel Fuel	Fair to Good	Good to Excellent	Good to Excellent	Good	Poor	Good	Excellent
Resistance to Gas Permeation	Good	Good	Good To Excellent	Good to Excellent	Fair to Good	Good	Good to Excellent
Weather	Good to Excellent	Poor	Excellent	Very Good	Excellent	Good	Excellent
Ozone	Good to Excellent	Poor for Tube; Good For Cover	Excellent	Very Good	Outstanding	Good	Excellent
Heat	Good	Good	Good	Very Good	Excellent	Excellent	Excellent
Low Temperature	Fair to Good	Poor to Fair	Excellent	Poor	Good to Excellent	Good	Excellent
Water-Oil Emulsions	Excellent	Excellent	Good to Excellent	Good	Poor	Excellent	Excellent
Water/Glycol Emulsions	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Diesters	Poor	Poor	Excellent	Fair	Excellent	Very Good	Excellent
Phosphate Esters	Fair (For Cover)	Poor	Excellent	Fair	Very Good	Very Good	Excellent
Phosphate Ester Base Emulsions	Fair (For Cover)	Poor	Excellent	Fair	Very Good	Very Good	Excellent

*Registered trademark of DuPont.

Cover Abrasion Resistance

These comparisons are based on test results per ISO 6945 abrasion testing. The table shows the expected number of times of extended cover service life as compared to a standard cover.

	Modified Nitrile (Standard cover)	Nylon Sleeve	XtraTuff™	MegaTuff®
Relative Abrasion Resistance	1	**15 X** Standard Cover	**25 X** Standard Cover	**300 X** Standard Cover

Additional Temperature Limits for Gates Hydraulic Hoses

Caution: Water, water/oil emulsions and water/glycol solutions must be kept below the temperatures listed in the table below, relative to line pressures.

Maximum Temperature Limits for Water, Water/Oil Emulsions and Water/Glycol Solutions

Hose	Pressure Lines	Return Lines
EFG6K, EFG5K, EFG4K, EFG3K, G5K, G3K, G2, G2L, MCPB+, M2T®, M6K, M5K, M4K+, M3K, RFS, RLA, C5C, C5E, CPS, LOC, LOL	+200°F (+93°C)	+180°F (+82°C)
G2H, G1H, MegaTech™ Line, G2XH, C5D, G3H, GTH, G4H, GMV, RLC, TR500, PowerClean™, M3KH, M4KH	+225°F (+107°C)	+180°F (+82°C)

Caution: The fluid manufacturer's recommended maximum operating temperature for any given fluid must not be exceeded. If different than the above listed hose temperatures, the lower limit must take precedence. Actual service life at temperatures approaching the recommended limit will depend on the particular application and the fluid being used in the hose. Intermittent (up to 10 percent of operating time) refers to momentary temperature surges. Detrimental effects increase with increased exposure to elevated temperatures.

Do NOT expose hose to maximum temperature and maximum rated working pressure at the same time.

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Gates Hydraulic Hose Selection Guide

Standard Industry Specification	Description	Construction (Reinforcement)	Use	Stock			
				Tube		Cover	
				Name	Type	Name	Type
SAE 100R15 EN 856 TYPE 4SP/4SH	EFG6K	4&6-spiral, wire	Extremely High Pressure, Petrol, Oils, Environmental Fluids	Nitrile	C	Neoprene	A
SAE 100R13 EN 856 TYPE 4SP/4SH	EFG5K	4&6-spiral, wire	Extremely High Pressure, Petrol, Oils, Environmental Fluids	Nitrile	C	Neoprene	A
SAE 100R12 EN 856 TYPE 4SP	EFG4K	4&6-spiral, wire	Extremely High Pressure, Petrol, Oils, Environmental Fluids	Nitrile	C	Neoprene	A
SAE 100R12 EN 856 TYPE 4SP	EFG3K	4-spiral, wire	Extremely High Pressure Petrol, Oils	Nitrile	C	Neoprene	A
SAE 100R15 EN 856 TYPE 4SP/4SH	G6K	4&6-spiral, wire	Extremely High Pressure	Neoprene	A	Neoprene	A
SAE 100R13 EN 856 TYPE R13/4SP/4SH	G5K	4&6-spiral, wire	Extremely High Pressure Petrol, Oils	Neoprene	A	Neoprene	A
SAE 100R12 EN 856 TYPE 4SP	G3K	4-spiral, wire	Extremely High Pressure Petrol, Oils	Neoprene	A	Neoprene	A
SAE 100R12 EN 856 TYPE R12	C12	4-spiral, wire	High Pressure, Petrol, Oils	Neoprene	A	Neoprene	A
SAE 100R2 Type AT EN 853 Type 2SN	G2	2-braid, wire	Petroleum Oils	Nitrile	C	NBR/PVC	C_2
SAE 100R2 Type AT	MegaTech™ II	2-braid, wire	Petroleum Oils	CPE	J	Blue Textile	---
SAE 100R2 Type AT EN 853 Type 2SN	G2L	2-braid, wire	Petroleum Oils, Low Temperatures	Nitrile	C	Neoprene	A
SAE 100R16	M2T®	2-braid, wire	Tight Bends, High Flexibility	Nitrile	C	NBR/PVC	C_2
Gates Proprietary	M6K	2-braid, wire	Tight Bends, High Flexibility	Nitrile	C	NBR/PVC	C_2
Gates Proprietary	M5K	2-braid, wire	Tight Bends, High Flexibility	Nitrile	C	NBR/PVC	C_2
SAE 100R19	M4K+	2-braid, wire	Tight Bends, High Flexibility	Nitrile	C	NBR/PVC	C_2
SAE 100R17	M3K	1 & 2-braid, wire	Tight Bends, High Flexibility	Nitrile	C	NBR/PVC	C_2
SAE 100R17 EN 857 1SC	M3KH	1-braid, wire	High Pressure Oil	Nitrile	C	NBR/PVC	C_2
SAE 100R2 Type AT EN 853 TYPE 2SN	G2H	2-braid, wire	High Temperature	Nitrile	C	Hypalon+	M
SAE 100R2 Type AT	G2XH	2-braid, wire	Multi-Fluid, High Temperature	CPE	J	CPE	J
IJ100	J2AT	2-braid, wire	Industrial Jack Hose	Nitrile	C	NBR/PVC	C_2
SAE 100R1 Type AT EN 853 Type 1SN	G1	1-braid, wire	Petroleum Oils	Nitrile	C	NBR/PVC	C_2
SAE 100R1 Type AT EN 853 TYPE 1SN	G1H	1-braid, wire	High Temperature	Nitrile	C	Hypalon+	M
SAE 100R3 EN 854 TYPE R3	G3H	2-braid, textile	Petrol. Oils, Antifreeze, Water, High Temperature	Nitrile	C	Neoprene	A
SAE 100R6 EN 854 TYPE R6	GTH	1-braid, textile	Petrol. Oils, Antifreeze, Water, High Temperature	Nitrile	C	Neoprene	A
SAE 100R4	G4H	2-spiral, textile, helical wire	Return & Suction High Temperature	Nitrile	C	Neoprene	A
SAE 100R4	GMV	2-spiral, textile, helical wire	Return & Suction High Temperature	Nitrile	C	Neoprene	A
SAE 30R2 Type 1 & 2	RLA	1-braid, textile	Return & Low Pressure	Nitrile	C	NBR/PVC	C_2
	RLC	3-braid, textile	Return & Low Pressure	Nitrile	C	NBR/PVC	C_2
	LOC	1-braid, textile	Petrol, Oils, Antifreeze, Water & Air	Nitrile	C	Textile	--
	LOL	1-braid, textile	Petrol, Oils, Antifreeze, Water & Air	Nitrile	C	***	A/C_2
SAE J1402, J1019	MegaTech™	2-braid, wire, textile	Hot Oil, Air Return Line	CPE	J	Textile	--
SAE J1019	MegaTech™v 250	2-braid, wire, textile	Transmission Oil Cooler, Hot Oil, Air Return Line	CPE	J	Textile	--
SAE J1402, DOT FMVSS106-74	TR500	2-braid, wire, textile	Petrol & Syn. Fluids, Air Brakes	Nitrile	C	Textile	—
SAE 100R5, DOT FMVSS106-74, Type AII	*C5C	3-braid, T-W-T	Petr. Oil, Air Brake, Power Steering	*Nitrile	C	Textile	—
SAE J1402, DOT FMVSS106-74, Type AII	C5D	3-braid, T-W-T	Petrol & Syn. Fluids, Air Brakes	CPE	J	Textile	—
SAE J1527, SAE J1942, ISO 7840	C5M	1-braid, wire	Marine Fuel & Oil	Nitrile	C	NBR/PVC	C_2
DOTFMVSS106-74, Type AI	C5E	3-braid, T-W-T	Air Brake, Power Steering, Lube	Nitrile	C	Textile	—
PTFE							
SAE 100R14	C14	1-braid, stainless steel	High Temperature, Multi Fluid, Nonconductive	PTFE	—	Stainless Steel	—
SAE 100R14	C14CT	1-braid, stainless steel	High Temperature, Multi Fluid, Conductive	PTFE	—	Stainless Steel	—
Thermoplastic							
SAE 100R7	TH7	1-braid, polyester	Petroleum & Synthetic Fluids	Nylon	Z	Urethane	U
SAE 100R7	TH7NC/TH7NCDL	1-braid, polyester	Non-conductive	Nylon	Z	Urethane	U
SAE 100R7	TH7DL	1-braid, polyester	Petroleum & Synthetic Fluids, Dual Line	Nylon	Z	Urethane	U
SAE 100R7	TH7NCDL	1-braid, polyester	Non-conductive, Dual Line	Nylon	Z	Urethane	U
SAE 100R8	TH8	2-braid, Polyester	Petroleum & Synthetic Fluids	Nylon	Z	Urethane	U
SAE 100R8	TH8NC	2-braid, Polyester	Non-conductive	Nylon	Z	Urethane	U
SAE 100R18	TH18	1-band, Synthetic Fiber	Petroleum & Synthetic Fluids	Nylon	Z	Urethane	U
SAE 100R18	TH18NC	2-band, Synthetic Fiber	Non-conductive	Nylon	Z	Urethane	U
Refrigerant							
SAE J51 Type AII Dimensions/ Type D Performance J2064, Type C, Class II Performance	PolarSeal® AC134a	Nylon barrier, 2-spiral, Polyester	Air Conditioning (R12 and R134a)	Chloroprene	A	EPDM	P
Power Steering, SAE J2050	PS188	2-braid, Nylon	Power Steering Fluids, High Temperature	Hypalon+	M	Neoprene	A
PowerClean™	PowerClean™	1 & 2-braid, wire,	Tight Bends, High Flexibility	Nitrile	C	NBR/PVC	C_2

* -4 and -5 sizes have a Neoprene tube. ** Nitrile or Neoprene † Registered trademark of DuPont.

Gates Hydraulic Hose Selection Guide

Description	Temp. Range (°F)	Dash Size vs. Rated Working Pressure (psi)															
		-2	-3	-4	-5	-6	-8	-10	-12	-16	-20	-24	-32	-40	-48	-56	-64
EFG6K	-40 +250					6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000				
EFG5K	-40 +250					5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000				
EFG4K	-40 +250					4,000	4,000	4,000	4,000	4,000	4,000						
EFG3K	-40 +250										3,000	3,000	3,000				
G6K	-40 +250					6,000	6,000	6,000	6,000	6,000	6,000	6,000					
G5K	-40 +250						5,000	5,000	5,000	5,000	5,000	5,000	5,000				
G3K	-40 +250										3,000	3,000	3,000				
C12	-40 +250											2,500	2,500				
G2	-40 +212		6,000	5,800		4,800	4,000	3,625	3,100	2,400	1,825	1,300	1,175				
MegaTech™ II											2,250	1,500	1,300				
G2L	-70 +212			5,800		4,800	4,000	3,625	3,100	2,400	1,825	1,300	1,175	1,195			
M2T®	-40 +212			5,000		4,000	3,500	3,000	2,250	2,000							
M6K	-40 +212			6,000													
M5K	-40 +212			5,000	5,000	5,000	5,000										
M4K+	-40 +212			4,000	4,000	4,000	4,000	4,000	4,000								
M3K	-40 +212		3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000							
M3KH	-40 +250			3,000		3,000											
G2H	-40 +275										1,650	1,300	1,175				
G2XH	-40 +300			6,000		5,000	4,250	3,625	3,100	2,500							
J2AT	-40 +120			10,000		10,000											
G1	-40 +212		3,625	3,275	3,125	2,600	2,325	1,900	1,525	1,275	925	725	600				
G1H	-40 +275			2,750		2,250	2,000	1,500	1,250	1,000	625	725	600				
G3H(C3H)	-40 +275			1,250		1,125	1,000	900	750	565	375						
GTH(C6H)	-40 +275		500	400	400	400	400	350	300	250							
G4H	-40 +275								300	212	200						
GMV	-40 +275								350	300	250	162	112	68	62	56	56
RLA	-40 +212		250	250	250	250	200	200	200	160							
RLC	-40 +275									200	200	200	200	150	150	150	
LOC	-40 +212			300		300	300	300	300								
LOL	-40 +212		300	300	300	300	300	300	300								
TR500	-40 +250			500		500	500	500	500	500							
MegaTech™	-40 +300			1000		1000	1000	1000	1000	1000	1000	500	500	500	500		
MegaTech™ 250	-40 +212			250		250	250	250	250	250	250						
C5C	-40 +212			3,000	3,000	2,250	2,000	1,750	1,500	800	625	500	350	350			
C5D	-40 +300•			1,500	1,500	1,500	1,250	1,250	750	400							
C5M	-40 +212				500	500	500	500	500	500							
C5E	-40 +300•			1,500	1,500	1,500	1,250	1,250	750	400	300						
C14	***			1,500	1,500	1,500	1,000	800	800	800							
C14CT	***					1,500	1,000										
TH7	-40 +212	2,500	3,000	2,750	2,500	2,250	2,000		1,250	1,000							
TH7NC	-40 +212	2,500	3,000	2,750	2,500	2,250	2,000		1,250	1,000							
TH7DL	-40 +212			2,750	2,500	2,250	2,000										
TH7NCDL	-40 +212			2,750		2,250	2,000										
TH8	-40 +212		5,000	5,000		4,000	3,500		2,250	2,000							
TH8NC	-40 +212			5,000		4,000	3,500										
TH18	-40 +212			3,000	3,000	3,000	3,000	3,000									
TH18NC	-40 +212			3,000	3,000	3,000	3,000	3,000									
PolarSeal® AC134a	-22 +257					500	500	500	500								
PS188	-40 +300					1,500											
PowerClean	-40 +212			3,500 6,000		3,000 4,000 5,000	2,500 4,000										

*** Dynamic temperatures -65 +400; Static temperatures +73 +450 • All purpose fleet application service — 40°F to +300°F (-40°C to +149°C), air to +250°F

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

SELECTION, INSTALLATION AND MAINTENANCE OF HOSE AND HOSE ASSEMBLIES— SAE J1273 OCT96 SAE Recommended Practice

Report of the Fluid Conductors and Connectors Technical Committee, approved September 1979 and reaffirmed May 1986. Completely revised by the SAE Fluid Conductors and Connectors Technical Committee SC2—Hydraulic Hose and Hose Fittings October 1996. Rationale statement available.

1. Scope

Hose (also includes hose assemblies) has a finite life and there are a number of factors which will reduce its life. This SAE recommended practice is intended as a guide to assist system designers and/or users in the selection, installation, and maintenance of hose. The designers and users must make a systematic review of each application and then select, install, and maintain the hose to fulfill the requirements of the application. The following are general guidelines and are not necessarily a complete list.

WARNING—IMPROPER SELECTION, INSTALLATION, OR MAINTENANCE MAY RESULT IN PREMATURE FAILURES, BODILY INJURY, OR PROPERTY DAMAGE.

2. References

2.1 Applicable Documents

The following publications form a part of this specification to the extent specified herein. The latest issue of SAE publications shall apply.

2.1.1 SAE PUBLICATIONS — Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

J516—Hydraulic Hose Fittings
J517—Hydraulic Hose

3. Selection

The following is a list of factors which must be considered before final hose selection can be made:

3.1 Pressure

After determining the system pressure, hose selection must be made so that the recommended maximum operating pressure is equal to or greater than the system pressure. Surge pressures higher than the maximum operating pressure will shorten hose life and must be taken into account by the hydraulic designer.

3.2 Suction

Hoses used for suction applications must be selected to ensure the hose will withstand the negative pressure of the system.

3.3 Temperature

Care must be taken to ensure that fluid and ambient temperatures, both static and transient, do not exceed the limitations of the hose. Special care must be taken when routing near hot manifolds.

3.4 Fluid Compatibility

Hose selection must assure compatibility of the hose tube, cover, and fittings with the fluid used. Additional caution must be observed in hose selection for gaseous applications.

3.5 Size

Transmission of power by means of pressurized fluid varies with pressure and rate of flow. The size of the components must be adequate to keep pressure losses to a minimum and avoid damage to the hose due to heat generation or excessive turbulence.

3.6 Routing

Attention must be given to optimum routing to minimize inherent problems.

3.7 Environment

Care must be taken to ensure that the hose and fittings are either compatible with or protected from the environment to which they are exposed. Environmental conditions such as ultraviolet light, ozone, salt water, chemicals, and air pollutants can cause degradation and premature failure and, therefore, must be considered.

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

3.8 Mechanical Loads

External forces can significantly reduce hose life. Mechanical loads which must be considered include excessive flexing, twisting, kinking, tensile or side loads, bend radius, and vibration. Use of swivel type fittings or adapters may be required to ensure no twist is put into the hose. Unusual applications may require special testing prior to hose selection.

3.9 Abrasion

While a hose is designed with a reasonable level of abrasion resistance, care must be taken to protect the hose from excessive abrasion which can result in erosion, snagging, and cutting of the hose cover. Exposure of the reinforcement will significantly accelerate hose failure.

3.10 Proper End Fitting

Care must be taken to ensure proper compatibility exists between the hose and coupling selected based on the manufacturer's recommendations substantiated by testing to industry standards such as SAE J517. End fitting components from one manufacturer are usually not compatible with end fitting components supplied by another manufacturer (i.e., using a hose fitting nipple from one manufacturer with a hose socket from another manufacturer). It is the responsibility of the fabricator to consult the manufacturer's written instruction or the manufacturer directly for proper end fitting componentry.

3.11 Length

When establishing proper hose length, motion absorption, hose length changes due to pressure, as well as hose and machine tolerances must be considered.

3.12 Specifications and Standards

When selecting hose, government, industry, and manufacturers' specifications and recommendations must be reviewed as applicable.

3.13 Hose Cleanliness

Hose components vary in cleanliness levels. Care must be taken to ensure that the assemblies selected have an adequate level of cleanliness for the application.

3.14 Electrical Conductivity

Certain applications require that hose be non-conductive to prevent electrical current flow. Other applications require the hose to be sufficiently conductive to drain off static electricity. Hose and fittings must be chosen with these needs in mind.

4. Installation

After selection of proper hose, the following factors must be considered by the installer.

4.1 Pre-Installation Inspection

Prior to installation, a careful examination of the hose must be performed. All components must be checked for correct style, size, and length. In addition, the hose must be examined for cleanliness, I.D. obstructions, blisters, loose cover, or any other visible defects.

4.2 Follow Manufacturers' Assembly Instructions

Hose assemblies may be fabricated by the manufacturer, an agent for or customer of the manufacturer, or by the user. Fabrication of permanently attached fittings to hydraulic hose requires specialized assembly equipment. Field-attachable fittings (screw style and segment clamp style) can usually be assembled without specialized equipment, although many manufacturers provide equipment to assist in this operation. SAE J517 hose from one manufacturer is usually not compatible with SAE J516 fittings supplied by another manufacturer. It is the responsibility of the fabricator to consult the manufacturer's written assembly instructions or the manufacturers directly before intermixing hose and fittings from two manufacturers. Similarly, assembly equipment from one manufacturer is usually not interchangeable with that of another manufacturer. It is the responsibility of the fabricator to consult the manufacturer's written instructions or the manufacturer directly for proper assembly equipment. Always follow the manufacturer's instructions for proper preparation and fabrication of hose assemblies.

4.3 Minimum Bend Radius

Installation at less than minimum bend radius may significantly reduce hose life. Particular attention must be given to preclude sharp bending at the hose/fitting juncture.

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
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BALL VALVES
KITS

4.4 Twist Angle and Orientation

Hose installations must be such that relative motion of machine components produces bending of the hose rather than twisting.

4.5 Securement

In many applications, it may be necessary to restrain, protect, or guide the hose to protect it from damage by unnecessary flexing, pressure surges, and contact with other mechanical components. Care must be taken to ensure such restraints do not introduce additional stress or wear points.

4.6 Proper Connection of Ports

Proper physical installation of the hose requires a correctly installed port connection while ensuring that no twist or torque is put into the hose.

4.7 Avoid External Damage

Proper installation is not complete without ensuring that tensile loads, side loads, kinking, flattening, potential abrasion, thread damage, or damage to sealing surfaces are corrected or eliminated.

4.8 System Check Out

After completing the installation, all air entrapment must be eliminated, and the system pressurized to the maximum system pressure and checked for proper function and freedom from leaks.

NOTE—Avoid potential hazardous areas while testing.

5. Maintenance

Even with proper selection and installation, hose life may be significantly reduced without a continuing maintenance program.

Frequency should be determined by the severity of the application and risk potential. A maintenance program should include the following as a minimum:

5.1 Hose Storage

Hose products in storage can be affected adversely by temperature, humidity, ozone, sunlight, oils, solvents, corrosive liquids and fumes, insects, rodents, and radioactive materials. Storage areas should be relatively cool and dark and free of dust, dirt, dampness, and mildew.

5.2 Visual Inspections

Any of the following conditions requires replacement of the hose:

a. Leaks at fitting or in hose.
(Leaking fluid is a fire hazard.)

b. Damaged, cut, or abraded cover.
(Any reinforcement exposed.)

c. Kinked, crushed, flattened, or twisted hose.

d. Hard, stiff, heat cracked, or charred hose.

e. Blistered, soft, degraded, or loose cover.

f. Cracked, damaged, or badly corroded fittings.

g. Fitting slippage on hose.

5.3 Visual Inspections

The following items must be tightened, repaired, or replaced as required:

a. Leaking port conditions.

b. Clamps, guards, shields.

c. System fluid level, fluid type, and any air entrapment.

5.4 Functional Test

Operate the system at maximum operating pressure and check for possible malfunctions and freedom from leaks.

NOTE—Avoid potential hazardous areas while testing.

5.5 Replacement Intervals

Specific replacement intervals must be considered based on previous service life, government or industry recommendations, or when failures could result in unacceptable down time, damage, or injury risk.

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BALL VALVES
KITS

DOT FMVSS 106-74

MOTOR VEHICLE SAFETY STANDARD FOR BRAKE HOSES

Gates has received an increasing number of inquiries about the Department of Transportation (DOT) regulation FMVSS-106 regarding air brake hose. The requirements of the standard were issued by the National Highway Traffic Safety Administration and are published in the Federal Register, 49 Code of Federal Regulations, Part 571. MVSS 106 Brake Hoses.

NOTE: Anyone making brake assemblies must be registered with the Department of Transportation.

What is FMVSS-106?

The standard is written with specifics on labeling, performance tests, tests procedures, and registration. It is not a standard for design specifications for motor vehicle brake hose, brake hose assemblies, or brake hose end fittings. The Standard No. 106 will ensure that each user of brake hose will be supplied only the highest quality of hose. DOT will conduct random performance testing in accordance with the test procedures to ensure that the hoses, couplings, and assemblies meet FMVSS 106.

"The purpose of the standard is to reduce deaths and injuries occurring as a result of brake system failure from pressure or vacuum loss due to hose or hose assembly rupture." The regulations will apply to all over-the-road vehicles including trailers and motorcycles. Off–the-road vehicles will not be regulated if they are designed to operate on those other than public roads.

Basic Provisions of FMVSS-106.

1. Three types of brake hose are covered (hydraulic, air, and vacuum brake) together with couplings and hose assemblies. At this point, we will only focus on air brake hose and assemblies.

2. Performance level for brake hose is established instead of design specifications.

3. Permanent as well as reusable fittings are permissible with air brake hose. Inside and outside diameters standards for air brake hose intended for use with field attachable couplings have been established. These hoses are identified as Type I and Type II.

Gates Customer/Assembler with Regard to FMVSS-106.

1. Test (dimensional and pressure) each assembly or per customer's requirements before it is packaged and delivered to the customer.

2. Two of every 100 air brake hose assemblies produced or per customer's requirements are subjected to hydrostatic pressure testing and tensile strength (destructive) testing.

Labeling of Air Brake Hose.

Any customer crimping air brake assemblies must be registered with the National Traffic Safety Administration (NHTSA).

The National Highway Traffic Safety Administration (NHTSA) requires:

1. Product DOT CERTIFICATION. (Gates Corporation responsibility. The Gates logo is our DOT registration.)

2. Registration of the assembler. (Customer/Distributor responsibility.)*

3. Permanent assembly identification. (Customer/Distributor responsibility.) Refer to Gates frosted air brake hose labels below.

* To begin the registration process, please complete the BRAKE HOSE REGISTRATION application form on the following page. You can mail or fax the completed form to the address and number listed on the form.

Frosted Air Brake Hose Labels

Part Number: 78214
Product Number: 7484-0023

To assist you in complying with the NHTSA requirement for identifying brake hose assemblies, Gates now offers mylar hose labels.

- Self-adhesive
- 1" wide by 3-3/4" long, with a 1-1/2" by 1" white area on one end for printed information
- Format suitable for typewriters, computer printers or hand writing
- Accepts 9-10 typed characters per row, 4 or 5 on a row
- Wrap-around label resists damage from elements

Label application procedure:

1. Print appropriate information on label.

2. Wrap tag around hose assembly, printed end first.

3. Cover printed end with clear mylar tail of label.

Comes in 500 labels per pack.

EQUIPMENT
HOSE/CPLG. SELECTION
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MEGACRIMP COUPLINGS
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ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Brake Hose Registration Application

"PLEASE TYPE or PRINT CLEARLY" AND SUBMIT BRAKE HOSE APPLICATION TO: JEANETTE GREENFIELD AT THE FOLLOWING NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION (NHTSA) ADDRESS:

Jeanette Greenfield
Office of Vehicle Safety Compliance
400 Seventh Street, S.W. NSA-32
Washington, DC 20590
Phone (202) 366-5317
Fax (202) 366-1024
www.nhtsa.dot.gov

DATE:_____

BRAKE HOSE MANUFACTURER'S ADDRESS

Plant Name: _____

Post Office Box No.: _____

Street: _____

City: _____

* DESIGNATION SYMBOL(s): _____

State (Province): _____

Country: _____

Zip Code: _____

Plant Contact Person: _____

Phone Number: _____

Fax Number: _____

** (COMPLETE ONLY IF THIS IS A FOREIGN MANUFACTURER) BRAKE HOSE MANUFACTURER'S US AGENT

Agent Name: _____

Post Office Box No.: _____

Street: _____

City: _____

State: _____

Country: _____

Zip Code: _____

Agent Contact Person: _____

Agent Fax Number: _____

Agent Phone Number: _____

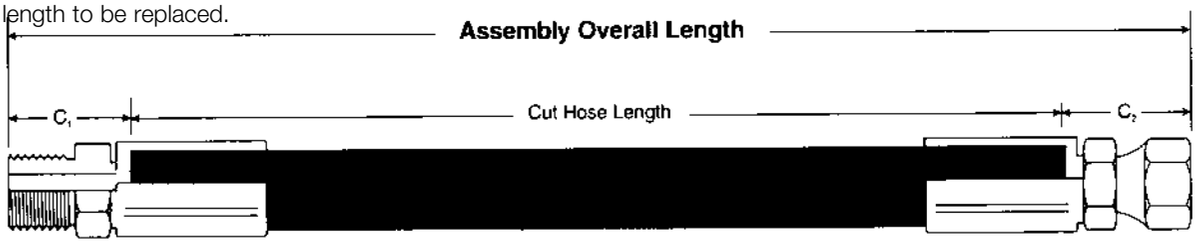
* DESIGNATION SYMBOL(s): May consist of block capital letters, numerals or a symbol.

How to Make Hose Assemblies of Specific Lengths

Select the hose and couplings required to make the desired hydraulic assembly. Measure the entire length of the assembly. Then use the formula below to calculate the required hose cut length for the assembly.

Hose Cut Length = Assembly Overall Length Minus C1 Minus C2

Cut-off value "C" is the length of that part of the coupling not directly in contact with or applied to the hose. Therefore, subtract the two "C" values from the total length of the assembly and you will have the approximate hose length to be replaced.



Hose Length = Assembly Overall Length Minus (C_1 + C_2)

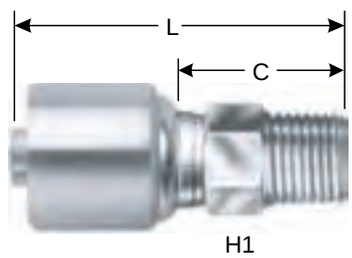
Example: Total assembly overall length = 12.5"
(Assembly consists of 3/8" G1 hose with 1/2" Male Pipe (6G-8MP) and 3/8" Female JIC (6G-6FJX) terminations)

Assembly Overall Length – C1 – C2 = Hose Cut Length
12.5" – 1.36 – 1.19 = 9.95" (+/- 3/16" tolerance)

Note the "cut-off" measurement "C" for each of the couplings as listed in the specifications tables.

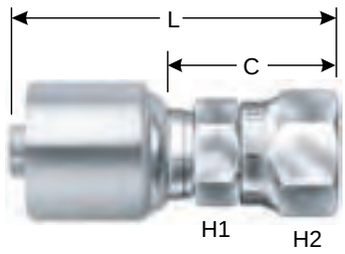
Male Pipe (NPTF – 30° Cone Seat)

Desc	#		↔	Ð	H1 (In.)	L (In.)	C (In.)
4G-2MP	G25100-0402	7100-10025	1/4	1/8—27	1/2	1.97	0.94
4G-4MP	G25100-0404	7100-10032	1/4	1/4—18	9/16	2.07	1.04
4G-6MP	G25100-0406	7100-10045	1/4	3/8—18	11/16	2.13	1.10
4G-8MP	G25100-0408	7100-10055	1/4	1/2—14	7/8	2.40	1.38
5G-4MP	G25100-0504	7100-00065	5/16	1/4—18	5/8	2.28	1.18
6G-4MP	G25100-0604	7100-10075	3/8	1/4—18	5/8	2.28	1.19
6G-6MP	G25100-0606	7100-10085	3/8	3/8—18	11/16	2.19	1.09
6G-8MP	G25100-0608	7100-10095	3/8	1/2—14	7/8	2.46	1.36
8G-6MP	G25100-0806	7100-00105	1/2	3/8—18	13/16	2.60	1.12



Female JIC 37° Flare Swivel

Desc	#		↔	Ð	H1 (In.)	H2 (In.)	L (In.)	C (In.)
4G-4FJX	G25170-0404	7100-10885	1/4	7/16—20	1/2	9/16	2.10	1.08
4G-5FJX	G25170-0405	7100-10895	1/4	1/2—20	1/2	11/16	2.21	1.19
4G-6FJX	G25170-0406	7100-10905	1/4	9/16—18	9/16	3/4	2.22	1.19
5G-5FJX	G25170-0505	7100-00915	5/16	1/2—20	5/8	11/16	2.23	1.13
5G-6FJX	G25170-0506	7100-00925	5/16	9/16—18	5/8	3/4	2.31	1.21
6G-4FJX	G25170-0604	7100-10925	3/8	7/16—20	5/8	9/16	2.30	1.20
6G-5FJX	G25170-0605	7100-10935	3/8	1/2—20	5/8	11/16	2.23	1.13
6G-6FJX	G25170-0606	7100-10945	3/8	9/16—18	5/8	3/4	2.31	1.19
6G-8FJX	G25170-0608	7100-10955	3/8	3/4—16	11/16	7/8	2.48	1.38



SAE Length Tolerances for Hydraulic Hose Assemblies and Specified Hose Lengths

(Reprinted from National Hose Assemblies Manufacturers Association NHAM-STD-2)

Length	Tolerance
For cut lengths from 0 up to and including 12"	± 1/8"
For cut lengths above 12" up to and including 18"	± 3/16"
For cut lengths above 18" up to and including 36"	± 1/4"
For cut lengths above 36"	+ 1% of length measured to the nearest 1/8"

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
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C14 COUPLINGS
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POWER STEERING
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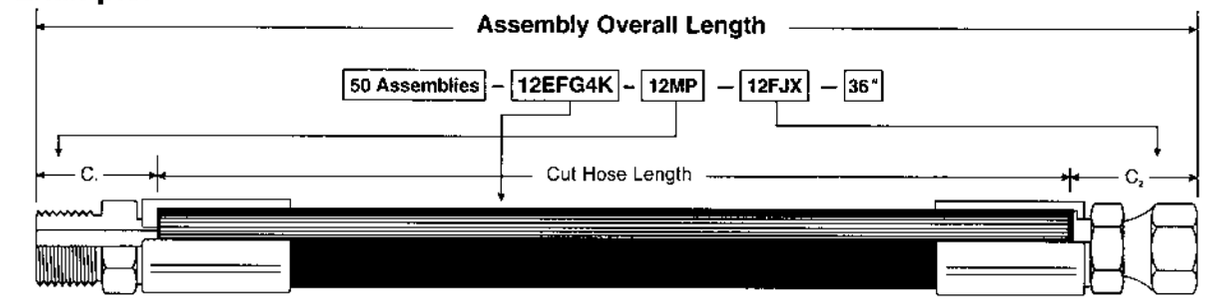
BALL VALVES
KITS

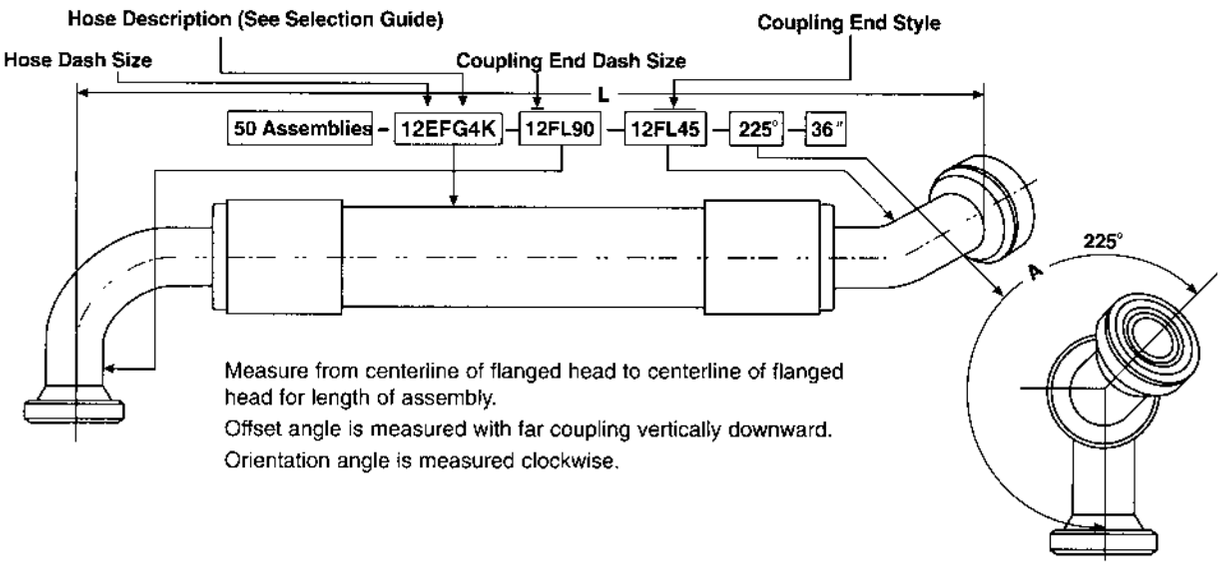
How to Describe Gates Hydraulic Hose Assemblies

When you order hydraulic assemblies, be sure the following information is included as shown in the illustrations below:

1. Quantity of assemblies required.
2. Hose catalog description (dash size and type).
3. First coupling dash size and end style.
4. Second coupling dash size and end style.
5. Offset angle or orientation of couplings must be specified if both couplings contain bent tube ends.
6. Assembly overall length.

Example:





Caution:

Rated working pressure of the application should always determine selection of hose. Used up to the recommended **rated working pressure**, the hose will provide normal service life before replacement is required.

When new, the hose described in this catalog will meet or exceed the **minimum burst pressure** listed in the hose specification tables. However—as with any hose in the industry—after the hose has been impulsed for a length of time, **minimum burst pressure** will decrease from the figure shown in the specification tables.

Temperature ranges specified for specific hoses refer to recommended temperature limits of fluids being conveyed or ambient temperatures. Exceeding these limits will cause degradation of material compounds and reduce hose service life.

How to Describe Gates Hydraulic Hose Assemblies – con't.

Coupling A Information

☐ Male ☐ Female

Angle ____° Drop: ☐S ☐M ☐L ☐XL

or Drop Length_____ (mm)

Thread

☐ JIC (37° Flare) _____

☐ NPTF _____

☐ O-Ring Boss _____

☐ Flat-Face O-Ring (ORFS) _____

☐ Code 61 _____

☐ Code 62 _____

☐ BSPP _____

☐ DIN (Light/Heavy) _____

☐ Other _____

Hose Type

Gates _____ I.D. _____

or

SAE 100R _____

Dash Size:

☐2 ☐3 ☐4 ☐5 ☐6
☐8 ☐10 ☐12 ☐16 ☐20
☐24 ☐32 ☐40 ☐48 ☐56
☐64

Temperature _____°

Working Pressure (psi):

☐100 ☐101-250
☐250-499 ☐500-1000
☐1001-2999 ☐3000-3999
☐4000-5999 ☐6000

Application

☐Return Line ☐Pressure Line
☐Intake Line ☐High Pressure Line
☐Special Fluid _____

Coupling B Information

☐ Male ☐ Female

Angle ____° Drop: ☐S ☐M ☐L ☐XL

or Drop Length_____ (mm)

Thread

☐ JIC (37° Flare) _____

☐ NPTF _____

☐ O-Ring Boss _____

☐ Flat-Face O-Ring (ORFS) _____

☐ Code 61 _____

☐ Code 62 _____

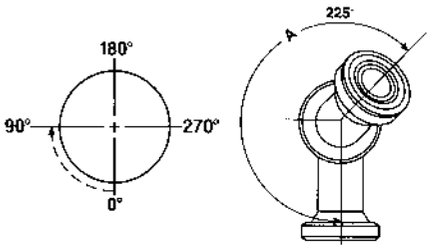
☐ BSPP _____

☐ DIN (Light/Heavy) _____

☐ Other _____

Overall Length _____ ☐In. ☐mm

Coupling Orientation:_____°



Measure from centerline of flanged head to centerline of flanged head for length of assembly.

Offset angle is measured with far coupling vertically downward.

Orientation angle is measured clockwise.

Hose Guards

	Full Length	Partial Length	From End of Coupling
Wire Spring	☐	_____	_____
Flat Armor Spring	☐	_____	_____
Nylon Sleeve	☐	_____	_____
Plastic Coil Sleeve	☐	_____	_____

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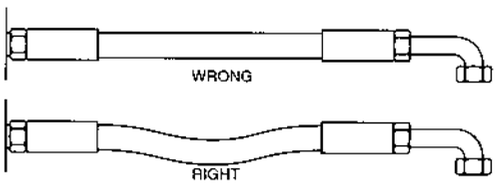
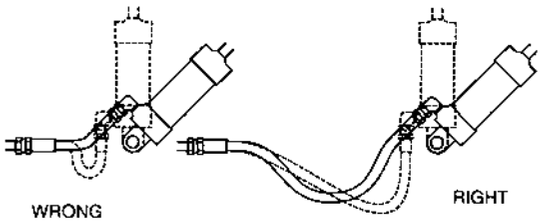
Hose Assembly Routing Tips

Proper hose installation is essential for satisfactory performance. If hose length is excessive, the appearance of the installation will be unsatisfactory and unnecessary cost of equipment will be involved. If hose assemblies are too short to permit adequate flexing and changes in length due to expansion or contraction, hose service life will be reduced.

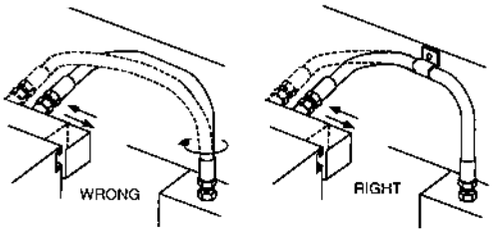
The following diagrams show proper hose installations which provide maximum performance and cost savings. Consider these examples in determining length of a specific assembly.



When hose installation is straight, allow enough slack in hose line to provide for length changes which will occur when pressure is applied.

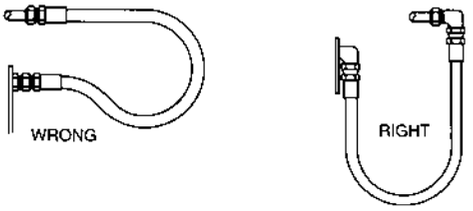


Adequate hose length is necessary to distribute movement on flexing applications and to avoid abrasion.

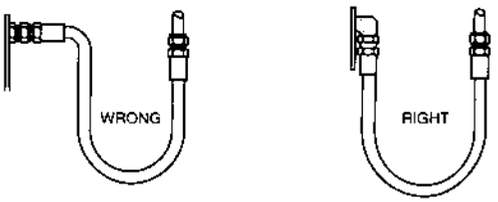


Avoid twisting of hose lines bent in two planes by clamping hose at change of plane.

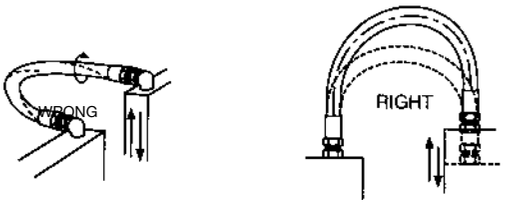
Reduce number of pipe thread joints by using hydraulic adapters instead of pipe fittings.



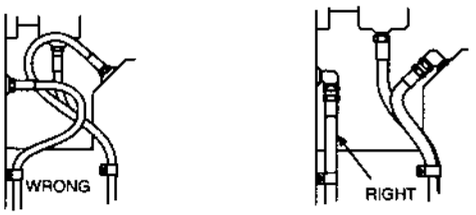
When radius is below the required minimum, use an angle adapter to avoid sharp bends.



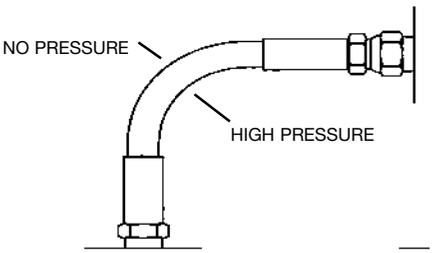
Use proper angle adapters to avoid tight bend in hose.



Prevent twisting and distortion by bending hose in same plane as the motion of the port to which hose is connected.

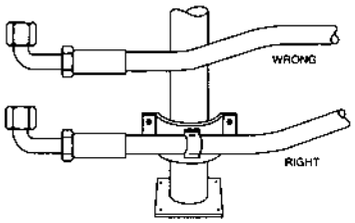


Route hose directly by using 45° and/or 90° adapter and fittings. Avoid excessive hose length to improve appearance.

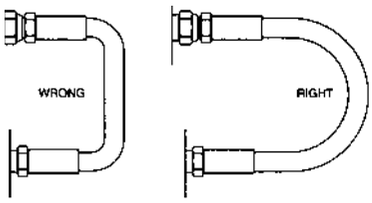


Note: To allow for length changes when hose is pressurized, do not clamp at bends so that curves will absorb changes. Do not clamp high and low pressure lines together.

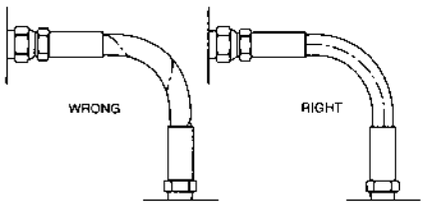
Hose Assembly Routing Tips – con't.



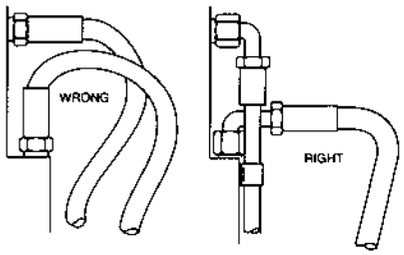
High ambient temperatures shorten hose life, so make sure hose is kept away from hot parts. If this is not possible, insulate hose.



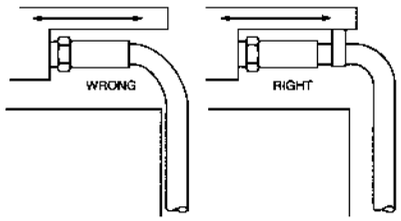
To avoid hose collapse and flow restriction, keep hose bend radius as large as possible. Refer to hose specification tables for minimum bend radius.



When installing hose, make sure it is not twisted. Pressure applied to a twisted hose can result in hose failure or loosening of connections.



Elbows and adapters should be used to relieve strain on the assembly, and to provide neater installations which will be more accessible for inspection and maintenance.



Run hose in the installation so that it avoids rubbing and abrasion. Often, clamps are required to support long hose runs or to keep hose away from moving parts. Use clamps of the correct size. A clamp too large allows hose to move inside the clamp and causes abrasion.

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
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LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
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Coupling Selection

End Configuration Selection

It is important to keep in mind that the hose assembly (coupling and hose) is only one component of the system. In choosing the correct end terminations for the couplings attached to the hose, formal design standards and sound engineering judgement should be used.

In the absence of formal design standards, consider the following factors in choosing the proper end termination:

- Pressure
- Impulse frequency, amplitude and wave form
- Vibration
- Corrosion
- Dissimilar metals (galvanic corrosion)
- Maintenance procedures and frequency
- Installation reliability
- Connection's risk in the system
- Exposure to the elements
- Operator's and/or bystander's exposure to the connection
- Installation, operation and service activities and practices that affect safety

If there are any questions as to what end fittings should be used, Gates recommends that you consult your field sales representative or the Gates Hose and Connector Product Application Group for assistance.

Stem and Ferrule Selection

Choosing the proper stem and ferrule depends on the specific hose and termination to be used in the assembly. Check the Gates Crimp Data manual to ensure proper hose assembly components and crimp specifications.

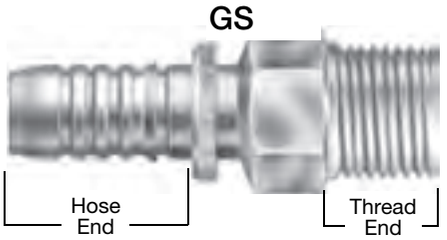
Gates also offers eCrimp™, an online crimp database that can be downloaded. The site is www.gates.com/ecrimp. The user must have Microsoft Access 2000.

After determining the proper coupling components, refer to the Table of Contents in this catalog to find the proper coupling section. The ferrules are at the end of each coupling section.

Stem Selection

Different hoses may require different coupling styles.
To make your selection, determine the correct stem to be used.
There are two functional ends of the stem to consider:

1. the hose end for hose attachment;
2. the thread end for port attachment.



References to the coupling type(s) recommended for a specific hose are listed on the individual hose data pages; for example, G5K hose specifies GS, GSH and PCM couplings.

The thread end of a coupling (or adapter) can be identified by comparing the coupling being replaced or by measuring the port or thread end to which it is to be attached.

See thread end identification nomenclature.

Coupling Selection – con't.

Coupling and Adapter End Style Nomenclature

Gates couplings feature a meaningful description by combining end-style codes shown below that make thread end identification fast and easy. Always refer to Gates Crimp Data Charts when selecting hose and coupling combinations.

In the following example, the Gates description 12GS-12FJX90L identifies a GlobalSpiral™ Female JIC Swivel 90° Bend Long Drop coupling for -12 (3/4") hose size and -12 (3/4") stem size.

12 GS - 12 F J X 90 L

- 12 — Hose Dash Size (3/4")
- GS — Stem Type (Global Spiral)
- 12 — Stem Size (3/4")
- F — Female
- J — JIC
- X — Swivel
- 90 — Degree of Bend (90°)
- L — Drop Length (Long)

Code	Description
A	Adapterless
AB	Air Brake
API	API Unions
B	Brass
BBDS	British Bonded Seal
BJ	Banjo
BKHD	Bulkhead
BL	Block
BS	Bite Sleeve
BSPP	British Standard Pipe Parallel
BSPT	British Standard Pipe Tapered
C	Caterpillar Flange
CC	Clamping Collar
DH	DIN Heavy
DL	DIN Light
F	Female
FABX	Female Air Brake Swivel
FBFFOR	Female British Flat-Face O-Ring
FBO	Female Braze-on Stem
FF	Flat-Face
FFGX	Female French GAZ Swivel (Female Kobelco)
FFN	Female Flareless Nut
FOR	Flat-Face O-Ring
FFS	Female Flareless Sleeve
FG	Female Grease Thread
FKX	Female Komatsu Style Swivel
FL	Code 61 O-Ring Flange
FLC	Caterpillar Style O-Ring Flange
FLH	Code 62 O-Ring Flange Heavy
FLOS	Flange O-Ring Special
FT	Female SAE Tube
HLE	Hose Length Extender
HLEC	Hose Length Extender (Caterpillar)
HM	Hose Mender
HU	Hammer Union
I	Inverted Flare
J	JIC (37° Flare)
JIS	Japanese Industrial Standard
K	Komatsu Style (Japanese 30° Seat)

Code	Description
LH	Long Hex
LN	Lock Nut
M	Male
MB	Male Boss
MBAX	Male Boss Adapterless Swivel
MBDS	Metric Bonded Seal
MFA	Male Flareless Assembly (Ermeto)
MFG	Male French GAZ
MKB	Metric Kobelco
MM	Metric Male
MN	Metric Nut
MPG	Male Special Grease Fitting
MPLN	Male Pipe Long Nose
MLSP	Metric Light Stand Pipe
MSP	Metric Stand Pipe
NASP	North American Stand Pipe
OR	O-Ring
P	Pipe Thread (NPTF or NPSM)
PL	Press Lok®
PT	Port
PWX	Pressure Washer Swivel
QLD	Quick-Lok® Direct
QHD	Quick-Lok® High
R	Field Attachable
S	SAE (45° Flare)
SP	Special
SS	Stainless Steel
TS	Tube Sleeve
TSN	Tube Sleeve Nut
X	Swivel
Z	Parker Triple Thread
22	22-1/2° Bent Tube Angle
30	30° Bent Tube Angle
45	45° Bent Tube Angle
60	60° Bent Tube Angle
67	67-1/2° Bent Tube Angle
90	90° Bent Tube Angle
110	110° Bent Tube Angle
135	135° Bent Tube Angle

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Coupling Selection – continued

Thread End Dash Sizes, Descriptions and Dimensions

Coupling Dash Size and End Style

Coupling dash size is a shorthand method of denoting the size of a particular end fitting (see Thread Chart).

EXAMPLE: 12MP denotes a 3/4" male pipe thread end fitting. The corresponding thread description for a 3/4" pipe thread is 3/4 -14 NPTF solid male.

EXAMPLE: 12FJX denotes a 3/4" female JIC swivel (37° seat) end fitting. The corresponding thread description for a 3/4" JIC thread is 1-1/16 – 12 JIC 37° flare swivel female.

EXAMPLE: 12FL denotes a 3/4" SAE standard pressure (Code 61) flange fitting. This is the standard fitting description for a 3/4" SAE standard pressure flange.

Termination Drop Lengths

Bent tube couplings carry a suffix designation that specifies the degree of bend and the length of the drop.

For example, a **12FJX90S** is a female JIC swivel with a 90 degree bend. The "S" designates an SAE J516 short drop length. The short and long drops are specified in SAE J516. Flat-face and metric couplings meet ISO-12151-1 drop length specifications. Medium drops are not specified and can vary from manufacturer to manufacturer.

S – Short Drop

M – Medium Drop

L – Long Drop

XL – Extra Long Drop

Special, non-industry standard drop lengths are designated with a numerical suffix instead of the S,M,L code. For example, a **12FJX90-075** designates a 75mm drop.

SAE J516 Drop Length Specifications

JIC 37°, Code 61, Code 62

Hose Size	Short Drop (mm)	Long Drop (mm)
-4	17.3	45.7
-6	21.6	55.4
-8	27.7	61.7
-10	31.2	65.3
-12	46.2	94.7
-16	54.4	110.0

ISO 12151-1 Drop Length Specifications

Flat-Face O-Ring

Hose Size	Short Drop (mm)	Medium Drop (mm)	Long Drop (mm)
-4	20.8	32.0	45.7
-6	22.9	38.0	54.1
-8	29.2	41.0	63.8
-10	32.3	46.0	70.1
-12	47.8	58.0	96.0
-16	56.1	71.0	114.3
-20	63.8	78.0	129.3
-24	68.6	86.0	140.7
-32	88.0	140.0	222.0

Thread End Catalog Descriptions

Gates coupling ends shown on the following pages are accepted as industry standards. See detailed catalog listings for availability of specific hose/coupling combinations, detailed descriptions, thread end configurations such as swivels and bent tubes and special ends.

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Sealing Types for Hydraulic Couplings

When identifying hydraulic couplings, it is important to identify the type of seal made. There are three major types of coupling interfaces used in hydraulics today: Thread Interface, O-Rings and Mated Angle or Mechanical Joint. These three interfaces have developed differently in different parts of the world. In the following pages, country of origin and the coupling styles found in each country are identified. Brief descriptions and dimensional data help identify your particular coupling style.

Identifying couplings is as easy as 1-2-3!

1. Determine Seal Type.

- Thread Interference
- O-Ring
- Mated Angle or Mechanical Joint
- Mated Angle with O-Ring

Thread Interference. A characteristic of this thread is that the male is thinner at the front than it is at the back. As the male is threaded into the female, the edges of the thread distort by flattening out. This distortion creates the seal.

O-Ring. The O-ring on the male being compressed against the corresponding female makes this seal. This type of seal is excellent for high-pressure applications. The threads pull the fitting against the port, trap the O-ring and flatten it to form a tight seal.

Mated Angle or Mechanical Joint. Different angles are used to create the seal. The seal takes place where the two angles meet and are wedged into one another. These can be cut with the angle either being inverted or standard. Standard seat couplings have the nose angle of the male on the outer surface of the coupling. Inverted seat couplings contain the nose angle of the male on the inside bore of the coupling.

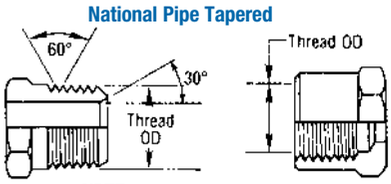
Mated Angle with O-Ring. These couplings are a hybrid, which use both the mated angle and the O-ring to make the seal.

2. Visual Identification.

Thread Interference. These are the easiest because the only factor here is whether the termination is male or female. Couplings that use this seal are:

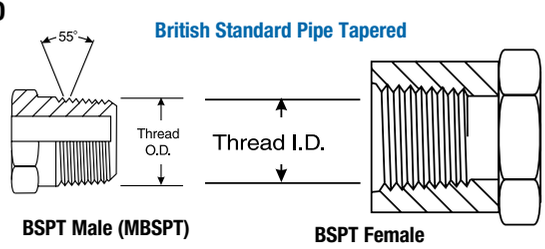
TAPERED THREAD

National Pipe Tapered



NPTF Solid Male (MP) — NPTF or NPSF Solid Female (FP)

British Standard Pipe Tapered

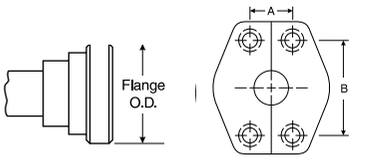


BSPT Male (MBSPT) — BSPT Female

O-Ring Location

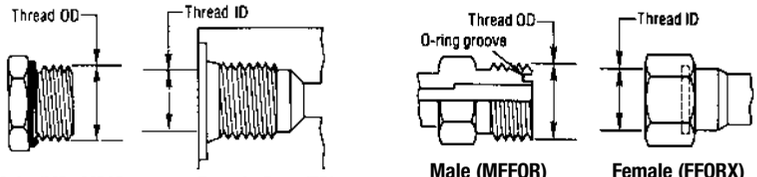
O-Ring. Two determinations are needed:
A. O-Ring Location –Flange Groove, Outside, or on the Nose Seat
B. Coupling Termination – Male or Female.

Flange Groove
O-Ring Flange - SAEJ1518



Flange Head (FL/FLH, FLC) — 4-Bolt Split Flange

Outside
O-Ring Boss



Male (MB, MBX) — Female Port (FB) — Male (MFFOR) — Female (FFORX)

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Sealing Types for Hydraulic Couplings – Continued

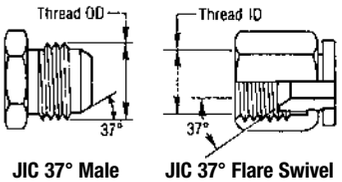
2. Visual Identification - Continued

Mated Angle or Mechanical Joint. Determine:

A. Nose Seat – Standard or Inverted
B. Seat Angle (See Measuring Seat Angles)
C. Coupling Termination

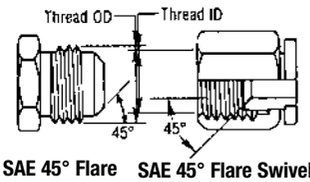
Standard Nose Seat

JIC 37° Flare



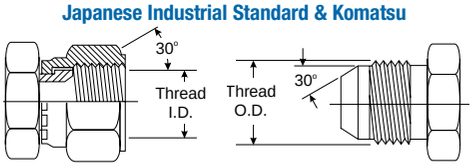
JIC 37° Male (MJ, MJLN)
JIC 37° Flare Swivel Female (FJX)

SAE 45° Flare



SAE 45° Flare Male (MS)
SAE 45° Flare Swivel Female (FSX)

Japanese Industrial Standard & Komatsu

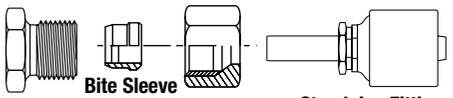


Female (FJIS, FKX)
Male (MJIS, MK)

37° Seat Angle | 45° Seat Angle | 30° Seat Angle

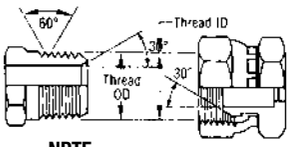
Inverted Nose Seats

North American or Metric Stand Pipe & Male Flareless Assembly



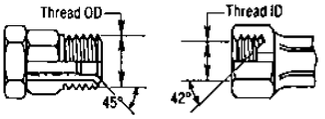
Male Fitting Body
Bite Sleeve
Nut
Standpipe Fitting (NASP, MSP, MFA)

National Pipe Straight Mechanical



NPTF Solid Male (MP)
NPSM Swivel Female (FPX)

SAE Inverted Flare



SAE Inverted Flare Swivel Male (MIX)
SAE Inverted Flare Solid Female

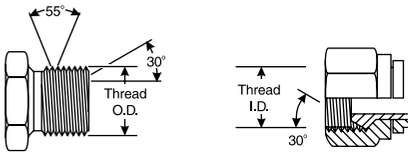
24° Seat Angle | 30° Seat Angle | 45° Seat Angle

Mated Angle with O-Ring. Determine:

A. O-Ring Location
B. Nose Seat
C. Seat Angle (See Measuring Seat Angles)
D. Coupling Termination

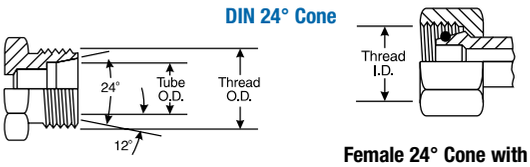
Inside O-Ring Location with Inverted Nose Seat

British Standard Pipe Parallel



BSPP Male (MBSPP)
BSPOR Female (FBSPORX)

DIN 24° Cone



Male 24° Cone, DIN 2353 (MDL/MDH)
Female 24° Cone with O-Ring (FDLORX/FDHORX)

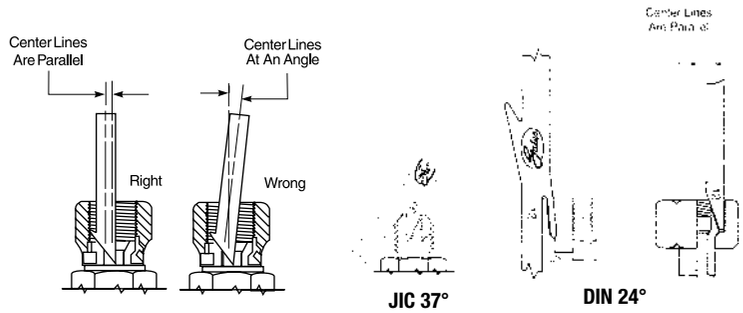
30° Cone Seat | 24° Cone Seat

For a wall poster representation of this information, order literature form number 35040.

Sealing Types for Hydraulic Couplings – Continued

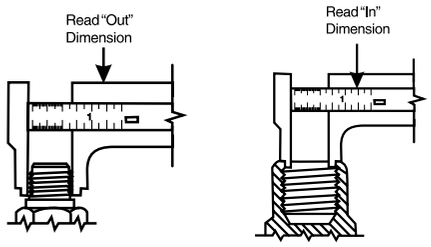
Measuring Seat Angles
Using the seat gauge, determine the angle of the seat, as illustrated. When the centerlineof the seat gauge extends parallel with the projected longitudinal axis of the coupling, then the angles of the gauge and seat match.

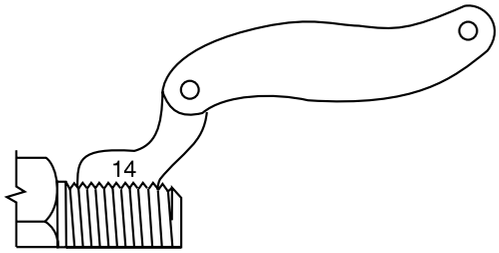
NOTE: Thread binding will occur when different thread configurations are used. DO NOT mix thread configurations.



3. Measure Threads.

Because some couplings have very similar characteristics, the only way to determine the correct identification is by measuring the thread. Follow the procedure below when measuring coupling threads:





With the caliper measure the thread diameter of the largest point. (Outside diameter (O.D.) of male threads—Inside Diameter (I.D.) of female threads.)

Using the thread gauge, determine the number of threads per inch. Comparison of gauge and coupling threads against a lighted background will ensure an accurate reading.

Match the measurements taken above against those in the following tables that appear to be similar to the coupling under consideration.

Gates provides many useful tools to assist you in identifying the right coupling!

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

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Coupling/Thread Identification Tools

Hydraulic Coupling Templates

Auto #: 428-7108

These templates provide a fast and easy way to measure North American threads, International threads, flange ends, seat angles (37° and 45°) and hose I.D.

Stainless Steel Digital Caliper

Part #: 78241

Caliper features an easy-to-read LCD screen clearly displaying the crimp diameter digitally. Capable of four-way measurement: inside, outside, depth and step. Constructed of hardened stainless steel and comes in a handy, protective carrying case.

International Thread Identification Kit

Part #: 86580

A sturdy, attractive carrying case suitable for counter display and field sales calls. Contains male metric and BSP plugs for identifying thread size, pocket thread I.D. kit, and flow chart with step-by-step instructions. For female thread identification, simply couple with the mating male.

Pocket Thread Identification Kit

Part #: 86583

To properly identify the correct replacement couplings, the measuring tools shown here should be used.

Contents:
- Calipers
- Seat Gauges (English)
- Seat Gauges (Metric)
- Thread Gauges
- Thread I.D. Guide.

Thread Chart

For All Hose I.D.'s Except C5 Series, C14 and AC134a.

DASH SIZE	2	3	4	5	6	7	8	10	12	14	16	20	24	32	40	48
NPTF Pipe Thread	1/8–27		1/4–18		3/8–18		1/2–14		3/4–14		1–11½	1¼–11½	1½–11½	2–11½	2½–8	3–8
NPSM Swivel Thread	1/8–27		1/4–18		3/8–18		1/2–14		3/4–14		1–111/2	11/4–111/2	11/2–111/2	2–111/2		
JIC 37° Flare Thread	5/16–24	3/8–24	7/16–20	1/2–20	9/16–18		3/4-16	7/8–14	1 1/16–12	1 3/16–12	1 5/16–12	1 5/8–12	1 7/8–12	2 1/2–12	3–12	3 1/2–12
SAE 45° Flare Thread	5/16–24	3/8–24	7/16–20	1/2–20	5/8–18	11/16–16	3/4-16	7/8–14	1 1/16–14							
SAE O-Ring Thread	5/16–24	3/8–24	7/16–20	1/2–20	9/16–18		3/4-16	7/8–14	1 1/16–12	1 3/16–12	1 5/16–12	1 5/8–12	1 7/8–12	2 1/2–12		
Flat-Face Thread			9/16–18		11/16-16		13/16-16	1–14	1 3/16–12		1 7/16–12	1 11/16–12	2–12			
Inverted Flare Thread	5/16-28	3/8–24	7/16–24	1/2–20	5/8–18	11/16–18	3/4–18	7/8–18	1 1/16-16							
Compression Thread	5/16–24	3/8–24	7/16–24	1/2–24	9/16–24	5/8–24	11/16–20	13/16–18	1–18							
Code 61 Flange Head O.D.							1.19	1.335	1.50		1.75	2.00	2.38	2.81	3.31	4.00
Code 62 Flange Head O.D.							1.25		1.62		1.88	2.12	2.50	3.12		
BSPP Thread	1/8-28		1/4-19		3/8-19		1/2–14	5/8–14	3/4–14		1–11	1 1/4–11	1 1/2–11	2–11		
BSPT Thread	1/8-28		1/4-19		3/8-19		1/2–14	5/8–14	3/4–14		1–11	1 1/4–11	1 1/2–11	2–11		
Japanese Pipe Tapered Thread	1/8-28		1/4-19		3/8-19		1/2–14	5/8–14	3/4–14		1–11	1 1/4–11	1 1/2–11	2–11		
Japanese Flare Thread	1/8-28		1/4-19		3/8-19		1/2–14	5/8–14	3/4–14		1–11	1 1/4–11	1 1/2–11	2–11		
Copper/Nylon Air Brake Thread			7/16–24		17/32–24		11/16–20	13/16–18	1–18							
METRIC (mm)	8	10	12	14	16	18	20	22	24	26	30	33	36	42	45	52
MDL		M10X1.0	M12X1.5	M14X1.5	M16X1.5	M18X1.5		M22X1.5		M26X1.5	M30X2.0		M36X2.0		M45X2.0	M52X2.0
MDH					M16X1.5	M18X1.5	M20X1.5		M24X1.5		M30X2.0		M36X2.0	M42X2.0	M45X2.0	M52X2.0
Komatsu						M18X1.5		M22X1.5	M24X1.5		M30X1.5	M33X1.5	M36X1.5	M42X1.5		
French							M20X1.5		M24X1.5		M30X1.5		M36X1.5		M45X1.5	M52X1.5

See male metric adapter threads.**

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QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Coupling Identification

There are five coupling systems generally used for hydraulic connections today. They are identified geographically or by country as:

North American
British
French
German
Japanese

This section lists the origin and coupling style found in each country. Brief descriptions and dimensional data follows each coupling style.

North American Thread Types

Iron Pipe Thread Abbreviations

N National
S Straight Thread
F Fuels
P Pipe
T Tapered Thread
M Mechanical Joint

NPTF

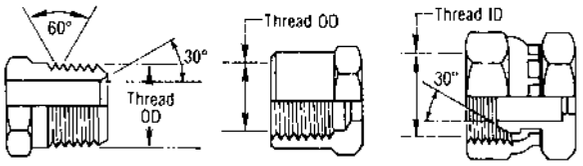
National Pipe Tapered thread for Fuel is a dryseal thread. It is used for both male and female ends.

The NPTF male will mate with the NPTF, NPSF, or NPSM female.

The NPTF male has tapered threads and a 30° inverted seat. The NPTF female has tapered threads and no seat. The seal takes place by deformation of the threads. The NPSM female has straight threads and a 30° inverted seat. The seal takes place on the 30° seat.

The NPTF connector is similar to, but not interchangeable with, the BSPT connector. The thread pitch is different in most sizes. Also, the thread angle is 60° instead of the 55° angle found on BSPT threads.

NPT Pipe Thread



NPTF Solid Male (MP, MPLN) | **NPTF or NPSF Solid Female (FP)** | **NPSM Swivel Female (FPX)**

NPSF

National Pipe Straight thread for Fuels is sometimes used for female ends and properly mates with the NPTF male end. However, SAE recommends the NPTF thread in preference to the NPSF for female ends.

NPSM

National Pipe Straight thread for Mechanical Joint is used on the female swivel nut of iron pipe swivel adapters. The leak-resistant joint is not made by the sealing fit of threads, but by a tapered seat in the coupling end.

Dash Size	Nominal Size (In.)	No. Threads per Inch	Female Thread I.D. (In.)	Male Thread O.D. (In.)	Max. Torque Recommendation for Dry NPTF* (Ft. Lbs.)
-2	1/8	27	23/64	13/32	20
-4	1/4	18	15/32	35/64	25
-6	3/8	18	19/32	43/64	35
-8	1/2	14	3/4	27/32	45
-12	3/4	14	61/64	1-1/16	55
-16	1	11-1/2	1-13/64	1-5/16	65
-20	1-1/4	11-1/2	1-17/32	1-43/64	80
-24	1-1/2	11-1/2	1-25/32	1-29/32	95
-32	2	11-1/2	2-1/4	2-3/8	120

*NOTES:

1. Torque values can vary considerably depending on thread condition. Use only enough torque to achieve adequate sealing.
2. With female straight or parallel pipe threads (NPSM), maximum values are 50 percent of those listed in the table.
3. If thread sealant is used, maximum values shown should be decreased by 25 percent.

Coupling Identification

North American Thread Types (con't.)

*JIC (37° Flare)

The Society of Automotive Engineers (SAE) specifies a 37° angle flare or seat be used with high pressure hydraulic tubing. These are commonly called JIC couplings.

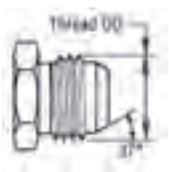
The JIC 37° flare male will mate with a JIC female only.* The JIC male has straight threads and a 37° flare seat. The JIC female has straight threads and a 37° flare seat. The seal is made on the 37° flare seat.

Some sizes have the same threads as the SAE 45° flare. Carefully measure the seat angle to differentiate.

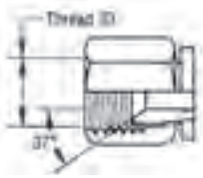
***Note:** Some C5, C5E and Lock-On couplings may have dual machined seats (both 37° and 45° seats).*

Dash Size	Nominal Size (In.)	Thread Size	Female Thread	Male Thread	Steel Torque Recommendation (Ft. Lbs.)	
			I.D. (In.)	O.D. (In.)	Min.	Max.
-2	1/8	5/16 – 24	17/64	5/16	–	–
-3	3/16	3/8 – 24	21/64	3/8	–	–
-4	1/4	7/16 – 20	25/64	7/16	10	11
-5	5/16	1/2 – 20	29/64	1/2	13	15
-6	3/8	9/16 – 18	1/2	9/16	17	19
-8	1/2	3/4 – 16	11/16	3/4	34	38
-10	5/8	7/8 – 14	13/16	7/8	50	56
-12	3/4	1-1/16 – 12	31/32	1-1/16	70	78
-14	7/8	1-3/16 – 12	1-7/64	1-3/16	–	–
-16	1	1-5/16 – 12	1-15/64	1-5/16	94	104
-20	1-1/4	1-5/8 – 12	1-35/64	1-5/8	124	138
-24	1-1/2	1-7/8 – 12	1-51/64	1-7/8	156	173
-32	2	2-1/2 – 12	2-27/64	2-1/2	219	243

JIC 37° Flare



JIC 37° Male (MJ)



JIC 37° Flare Female (FJX)

*SAE (45° Flare)

A term usually applied to fittings having a 45° angle flare or seat. Soft copper tubing is generally used in such applications as it is easily flared to the 45° angle. These are for low-pressure applications—such as for fuel lines and refrigerant lines.

The SAE 45° flare male will mate with an SAE 45° flare female only or a dual seat JIC/SAE 45°.*

The SAE male has straight threads and a 45° flare seat. The SAE female has straight threads and a 45° flare seat. The seal is made on the 45° flare seat.

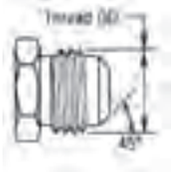
Some sizes have the same threads as the SAE 37° flare.

Carefully measure the seat angle to differentiate.

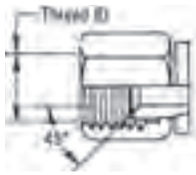
***Note:** Some C5, C5E and Lock-On couplings may have dual machined seats (both 37° and 45° seats).*

Dash Size	Nominal Size (In.)	Thread Size	Female Thread	Male Thread	Steel Torque Recommendation (Ft. Lbs.)	
			I.D. (In.)	O.D. (In.)	Min.	Max.
-2	1/8	5/16 – 24	17/64	5/16	–	–
-3	3/16	3/8 – 24	21/64	3/8	–	–
-4	1/4	7/16 – 20	25/64	7/16	10	11
-5	5/16	1/2 – 20	29/64	1/2	13	15
-6	3/8	5/8 – 18	9/16	5/8	17	19
-7	7/16	11/16 – 16	5/8	11/16	–	–
-8	1/2	3/4 – 16	11/16	3/4	34	38
-10	5/8	7/8 – 14	13/16	7/8	50	56
-12	3/4	1-1/16 – 14	63/64	1-1/16	70	78

SAE 45° Flare



SAE 45° Flare Male (MS)



SAE 45° Flare Swivel Female (FSX)

Special Power Steering Thread End

Dash Size	Nominal Size (In.)	Thread Size	Female Thread	Male Thread
			I.D. (In.)	O.D. (In.)
-6	3/8	11/16 – 18	5/8	11/16

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Coupling Identification

North American Thread Types (con't.)

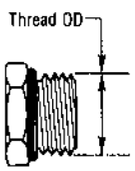
O-Ring Boss

The O-ring boss male will mate with an O-ring boss female only. The female is generally found on ports.

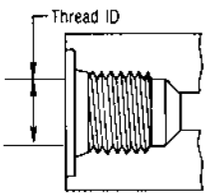
The male has straight threads, a sealing face and an O-ring. The female has straight threads and a sealing face. The seal is made at the O-ring on the male and the sealing face on the female.

Dash Size	Nominal Size (In.)	Thread Size	Female Thread	Male Thread	O-Ring		Steel Torque Recommendations (Ft. Lbs)			
							Below 4,000 psi Working Pressure		Above 4,000 psi Working Pressure	
			I.D. (In.)	O.D. (In.)	I.D. (In.)	DESCR	Min.	Max.	Min.	Max.
-2	1/8	5/16 – 24	17/64	5/16	0.239	–	–	–	–	–
-3	3/16	3/8 – 24	21/64	3/8	0.301	30R	–	–	8	10
-4	1/4	7/16 – 20	25/64	7/16	0.351	40R	14	16	14	16
-5	5/16	1/2 – 20	29/64	1/2	0.414	50R	–	–	18	20
-6	3/8	9/16 – 18	1/2	9/16	0.468	60R	24	26	24	26
-8	1/2	3/4 – 16	11/16	3/4	0.644	80R	37	44	50	60
-10	5/8	7/8 – 14	13/16	7/8	0.755	100R	50	60	72	80
-12	3/4	1-1/16 – 12	31/32	1-1/16	0.924	120R	75	83	125	135
-14	7/8	1-3/16 – 12	1-7/64	1-3/16	1.048	140R	–	–	160	180
-16	1	1-5/16 – 12	1-15/64	1-5/16	1.171	160R	111	125	200	220
-20	1-1/4	1-5/8 – 12	1-35/64	1-5/8	1.475	200R	133	152	210	280
-24	1-1/2	1-7/8 – 12	1-51/64	1-7/8	1.720	–	156	184	270	360
-32	2	2-1/2 – 12	2-27/64	2-1/2	2.337	–	–	–	–	–

SAE Straight Thread O-Ring Boss



O-Ring Boss Male (MB, MBX)



O-Ring Boss Female Port (FB)

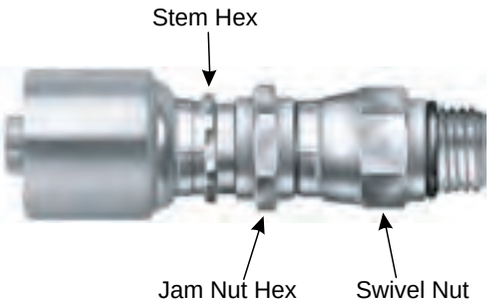
Gates Adapterless—MBAX

The Gates Adapterless coupling is designed for use in OEM assembly line applications. It eliminates the need for an adapter by directly connecting into the port, which reduces the number of possible leak points and reduces installation labor. It allows easy installation and eliminates the troubles of alignment on bent tube assemblies. It eliminates the performance limitations of the traditional male swivel. A jam nut locks the coupling into place.

Assemblies using the Gates Adapterless coupling can be serviced by replacing the assembly with an MB adapter in the port and a standard end termination (for example, an MB-MJ adapter and FJX couplings).

WARNING: *The tightening of the jam nut is* ***absolutely critical*** *to performance so that the Adapterless coupling does not become a "live swivel". A live swiveling condition can cause wearing of the internal seals and result in leaks.*

The Gates Adapterless coupling uses SAE O-Ring Boss threads. See the table above. The installation torque values are the same as SAE O-Ring Boss.



Coupling Identification

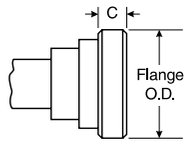
North American Thread Types (con't.)

O-Ring Flange—SAE J518

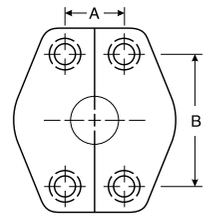
The SAE Code 61 and Code 62 4-bolt split flange is used worldwide, usually as a connection on pumps and motors. There are three exceptions.

1. The -10 size, which is common outside of North America, is not an SAE standard size (generally found on Komatsu equipment).
2. Caterpillar flanges, which are the same flange O.D. as SAE Code 62, have a thicker flange head ("C" dimension in Table).
3. Poclain flanges, which are completely different from SAE flanges.

SAE Code 61 and Code 62



Flange Head (FL/ FLH, FLC)



4-Bolt Split Flange Bolt Hose Dimensions

Dash Size	Nominal Flange Size (In.)	Code 61 (FL)				Code 62 (FLH)				Caterpillar Code 62 (FLC)			
		Flange O.D. (In.)	A (In.)	B (In.)	C (In.)	Flange O.D. (In.)	A (In.)	B (In.)	C (In.)	Flange O.D. (In.)	A (In.)	B (In.)	C (In.)
-8	1/2	1.188	.688	1.500	.265	1.250	.718	1.594	.305	–	–	–	–
-10	5/8	1.345	–	–	.265	–	–	–	–	–	–	–	–
-12	3/4	1.500	.875	1.875	.265	1.625	.937	2.000	.345	1.625	.938	2.000	.560
-16	1	1.750	1.031	2.062	.315	1.875	1.093	2.250	.375	1.875	1.094	2.250	.560
-20	1-1/4	2.000	1.188	2.312	.315	2.125	1.250	2.625	.405	2.125	1.250	2.625	.560
-24	1-1/2	2.375	1.406	2.750	.315	2.500	1.437	3.125	.495	2.500	1.438	3.125	.560
-32	2	2.812	1.688	3.062	.375	3.125	1.750	3.812	.495	3.125	1.750	3.812	.560
-40	2-1/2	3.312	2.000	3.500	.375	–	–	–	–	–	–	–	–
-48	3	4.000	2.438	4.188	.375	–	–	–	–	–	–	–	–
-56	3-1/2	4.500	2.750	4.750	.422	–	–	–	–	–	–	–	–
-64	4	5.000	3.062	5.125	.442	–	–	–	–	–	–	–	–
-80	5	6.000	3.625	6.000	.442	–	–	–	–	–	–	–	–

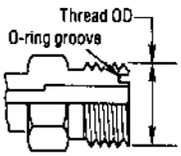
O-Ring Face Seal (ORFS)—SAE J1453

A seal is made when the O-ring in the male contacts the flat face on the female. Couplings are intended for hydraulic systems where elastomeric seals are acceptable to overcome leakage and leak resistance is crucial.

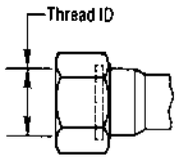
The solid male O-ring face seal fitting will mate with a swivel female O-ring face seal SAE J1453 fitting only.

An O-ring rests in the O-ring groove in the male.

O-Ring Face Seal



Male Flat-Face O-Ring (MFFOR)



Female Flat-Face O-Ring Swivel (FFORX)

Dash Size	Nominal Size (In.)	Thread Size	Female Thread	Male Thread	O-Ring Size	Ft-Lbs.	
			I.D. (In.)	O.D. (In.)		Min.	Max.
-4	1/4	9/16 – 18	1/2	9/16	-011	10	12
-6	3/8	11/16 – 16	5/8	11/16	-012	18	20
-8	1/2	13/16 – 16	3/4	13/16	-014	32	40
-10	5/8	1 – 14	15/16	1	-016	46	56
-12	3/4	1-3/16 – 12	1-1/8	1-3/16	-018	65	80
-16	1	1-7/16 – 12	1-11/32	1-7/16	-021	92	105
-20	1-1/4	1-11/16 – 12	1-19/32	1-11/16	-025	125	140
-24	1-1/2	2 – 12	1-29/32	2	-029	150	180

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Coupling Identification

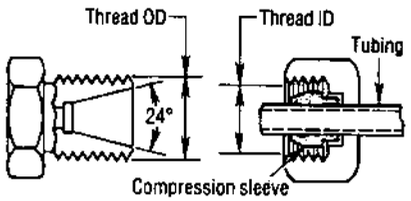
North American Thread Types (con't.)

Flareless Tube

The flareless solid male will mate with a female flareless nut and compression sleeve only.

The male has straight threads and a 24° seat. The female has straight threads and has a compression sleeve for a sealing surface. The seal is made between the compression sleeve and the 24° seat on the male, and between the compression sleeve and the tubing on the female.

Flareless Tube



Solid Male (MFA) **Female Nut**

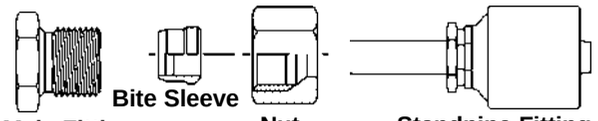
Dash Size	Tube Size (In).	Nominal Size (In.)	Thread Size	Female Thread I.D. (In.)	Male Thread O.D. (In.)
-2	1/8	5/16	5/16 – 24	17/64	5/16
-3	3/16	3/8	3/8 – 24	21/64	3/8
-4	1/4	7/16	7/16 – 20	25/64	7/16
-5	5/16	1/2	1/2 – 20	29/64	1/2
-6	3/8	9/16	9/16 – 18	1/2	9/16
-8	1/2	3/4	3/4 – 16	11/16	3/4
-10	5/8	7/8	7/8 – 14	13/16	7/8
-12	3/4	1-1/16	1-1/16 – 12	31/32	1-1/16
-14	7/8	1-3/16	1-3/16 – 12	1-7/64	1-3/16
-16	1	1-5/16	1-5/16 – 12	1-15/64	1-5/16
-20	1-1/4	1-5/8	1-5/8 – 12	1-35/64	1-5/8
-24	1-1/2	1-7/8	1-7/8 – 12	1-51/64	1-7/8
-32	2	2-1/2	2-1/2 – 12	2-27/64	2-1/2

North American Stand Pipe (NASP)

A stand pipe assembly is comprised of three components attached to a male fitting. The components are a Stand Pipe Tube, Bite Sleeve and Nut. The Nut is placed over the Stand Pipe, followed by the Bite Sleeve (see illustration below). The Bite Sleeve and Stand Pipe are selected on the basis of tube O.D. required.

Dash Size	Tube O.D. (In.)	Tube Length (In.)
-4	0.25	0.88
-6	0.38	0.88
-8	0.50	1.00
-12	0.75	1.16
-16	1.00	1.12

North American Stand Pipe



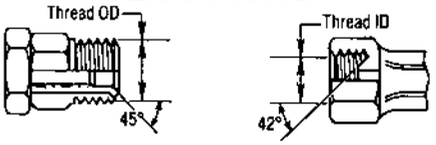
Male Fitting Body **Bite Sleeve** **Nut** **Standpipe Fitting (NASP)**

SAE Inverted Flare

The SAE 45° inverted flare male will mate with an SAE 42° inverted flare female only.

The male has straight threads and a 45° inverted flare. The female has straight threads and a 42° inverted flare. The seal is made on the 45° flare seat on the male and the 42° flare seat on the female.

SAE Inverted Flare



SAE Inverted Flare Swivel Male (MIX) **SAE Inverted Flare Solid Female**

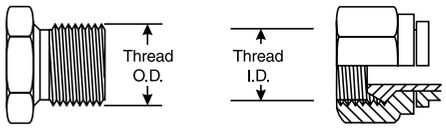
Dash Size	Nominal Size (In.)	Thread Size	Female Thread I.D. (In.)	Male Thread O.D. (In.)
-2	1/8	5/16 – 28	9/32	5/16
-3	3/16	3/8 – 24	21/64	3/8
-4	1/4	7/16 – 24	25/64	7/16
-5	5/16	1/2 – 20	29/64	1/2
-6	3/8	5/8 – 18	37/64	5/8
-7	7/16	11/16 – 18	5/8	11/16
-8	1/2	3/4 – 18	45/64	3/4
-10	5/8	7/8 – 18	13/16	7/8
-12	3/4	1-1/16 – 16	1	1-1/16

Coupling Identification

Air Brake Fittings

Female air brake swivels are designed to work exclusively with a male air brake adapter. Federal law requires only this combination to be used on air brake lines from the valve to the air brake diaphram chamber.

The male has straight threads and an inverted seat. The female has straight threads and a corresponding inverted flare. The seal is made on the flare seats of both the male and female.

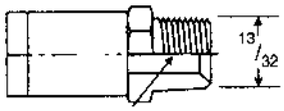


Male Air Brake **Female Air Brake Swivel**

Dash Size	Thread Size	Female Thread I.D. (In.)	Male Thread O.D. (In.)
-6	3/4 – 20	23/32	3/4
-8	7/8 – 20	27/32	7/8

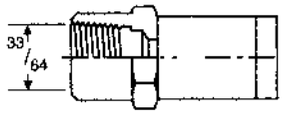
Grease Fittings

Special Male Grease Fitting



1/8–27 Pipe Thread

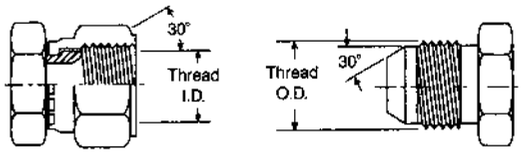
Special Female Grease Fitting



1/2–27 Tapered Thread

Parker Triple Thread Flare Fittings

Parker Triple Thread Flare Fittings



Swivel Female (FZX) **Solid Male (MZ)**

Dash Size	Nominal Size	Thread Size	Female Thread	Male Thread
			I.D. (In.)	O.D. (In.)
-16	1-5/16	1-5/16 – 14	1-1/4	1-5/16

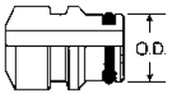
Press-Lok® Connectors

Press-Lok style connectors are found on mining equipment worldwide.

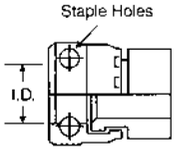
The seal is made when the O-ring on the male contacts the inside surface of the female. The two connectors are held together with a staple.

Dash Size	Nominal Size (In.)	Female I.D. (In.)	Male O.D. (In.)
-4	1/4	.39	.40
-6	3/8	.55	.56
-8	1/2	.70	.71
-12	3/4	.94	.95
-16	1	1.22	1.23
-20	1-1/4	1.49	1.50

Press-Lok Connectors



Male Press-Lok Connectors



Female Press-Lok Connectors

For more information and specifications on these couplings, please see the Gates Mining Products Catalog #99993 or visit www.gates.com/mining.

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
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COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
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GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Coupling Identification

Foreign Thread Types

Identifying Foreign Couplings

If you can identify the country of origin of the equipment you are working with, it is easy to identify the coupling style. Simply find the appropriate country in the following pages and locate the particular coupling in the table that follows.

British

It is a common misconception that all foreign threads are metric. This is not always the case. There are two common thread forms: Metric and Whitworth (BSP). The country of origin and the proper nomenclature for each is listed below.

British Standard Pipe Parallel

Popular couplings have British Standard Pipe (BSP) threads, also known as Whitworth threads. These can be parallel threads (BSPP) with a 30° inverted flare or tapered threads (BSPT), with a 30° inverted flare. Port connections are usually made with BSPP threads and a soft metal cutting ring for sealing.

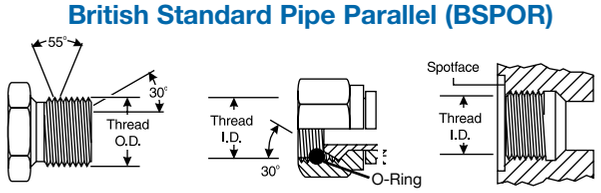
The BSPP (parallel) male will mate with a BSPOR (parallel) female or a female port.

The BSPP male has straight threads and a 30° seat. The BSPOR female has straight threads, a 30° seat, and O-ring. The female port has straight threads and a spotface. The seal on the port is made with an O-ring or soft metal washer on the male.

The BSPP (parallel) connector is similar to, but not interchangeable with, the NPSM connector. The thread pitch is different in most sizes, and the thread angle is 55° instead of the 60° angle found on NPSM threads.

Dash Size	Nominal Size (In.)	Thread Size	Female Parallel Thread	Male Parallel Thread	Torque Recommendation (Ft. Lbs.)	
			I.D. (In.)	O.D. (In.)	Min.	Max.
-2	1/8	1/8 – 28	11/32	3/8	7	9
-4	1/4	1/4 – 19	15/32	17/32	11	18
-6	3/8	3/8 – 19	19/32	21/32	19	28
-8	1/2	1/2 – 14	3/4	13/16	30	36
-10	5/8	5/8 – 14	13/16	29/32	37	44
-12	3/4	3/4 – 14	31/32	1-1/32	50	60
-16	1	1 – 11	1-7/32	1-11/32	79	95
-20	1-1/4	1-1/4 – 11	1-17/32	1-21/32	127	152
-24	1-1/2	1-1/2 – 11	1-25/32	1-7/8	167	190
-32	2	2 – 11	2-7/32	2-11/32	262	314

British Standard Pipe Parallel (BSPOR)



BSPP Male (MBSPP) **BSPOR Female (FBSPORX)** **BSPOR Female Port**

British Standard Pipe Tapered

The BSPT (tapered) male will mate with a BSPT (tapered) female, or a BSPOR (parallel) female.

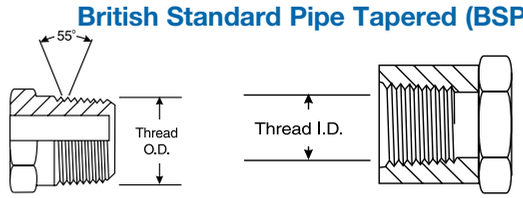
The BSPT male has tapered threads. When mating with either the BSPT (tapered) female or the BSPOR (parallel) female port, the seal is made on the threads.

The BSPT connector is similar to, but not interchangeable with, the NPTF connector. The thread pitch is different in most cases, and the thread angle is 55° instead of the 60° angle found on NPTF threads.

Dash Size	Nominal Size (In.)	Thread Size	Female Parallel Thread	Male Parallel Thread	Torque Recommendation (Ft. Lbs.)	
			I.D. (In.)	O.D. (In.)	Min.	Max.
-2	1/8	1/8 – 28	11/32	3/8	7	9
-4	1/4	1/4 – 19	15/32	17/32	11	18
-6	3/8	3/8 – 19	19/32	21/32	19	28
-8	1/2	1/2 – 14	3/4	13/16	30	36
-10	5/8	5/8 – 14	13/16	29/32	37	44
-12	3/4	3/4 – 14	31/32	1-1/32	50	60
-16	1	1 – 11	1-7/32	1-11/32	79	95
-20	1-1/4	1-1/4 – 11	1-17/32	1-21/32	127	152
-24	1-1/2	1-1/2 – 11	1-25/32	1-7/8	167	190
-32	2	2 – 11	2-7/32	2-11/32	262	314

British Standard Pipe Tapered (BSPT)

BSPT Male (MBSPT)



BSPT Female (FBSPT)

Coupling Identification

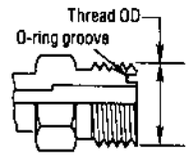
Foreign Thread Types – British (con't.)

British Flat-Face Seal

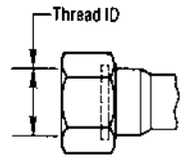
A seal is made when the O-ring in the male contacts the flat face on the female. These couplings are intended for hydraulic systems where elastomeric seals are acceptable to overcome leakage and leak resistance is crucial.

The solid male British O-ring face seal fitting will mate with a swivel female British O-ring face seal fitting only. An O-ring rests in the O-ring groove in the male.

Dash Size	Nominal Size (In.)	Thread Size	Female Parallel Thread	Male Parallel Thread	Torque Recommendation (Ft. Lbs.)	
			I.D. (In.)	O.D. (In.)	Min.	Max.
-6	3/8	3/8-19	19/32	21/32	18	20
-8	1/2	1/2-14	3/4	13/16	32	40
-12	3/4	3/4-14	31/32	1 1/32	65	80



Male British Flat-Face (MBFF)



Female British Flat-Face (FBFF)

French

Popular couplings are French GAZ. These have a 24° seat and metric threads. These are similar to German DIN couplings, but the threads are different in some sizes. Although both are metric threads, the French use fine threads in all sizes and German DIN couplings use coarse threads in larger sizes. Most port connections are flange connections. French flanges are different than SAE—they have a lip that protrudes from the flange face. These are called Poclain-style flanges.

GAZ 24°

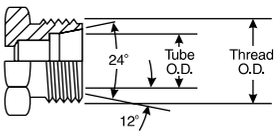
The French Metric (GAZ) male will mate with the female 24° cone or the female tube fitting.

The male has a 24° seat and straight metric threads. The female has a 24° seat or a tubing sleeve and straight metric threads and is interchangeable with female Kobelco.

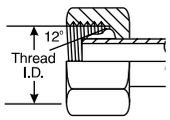
When measuring the flare angle with the seat angle gauge, use the 12° gauge. The seat angle gauge measures the angle from the connector centerline.

Metric Thread Size	Female Thread O.D. (mm)	Male Thread O.D. (mm)	Tube O.D. (mm)
M20x1.5	18.5	20.0	13.25
M24x1.5	22.5	4.0	16.75
M30x1.5	28.5	30.0	21.25
M36x1.5	34.5	36.0	26.75
M45x1.5	43.5	45.0	33.50
M52x1.5	50.5	52.0	42.25

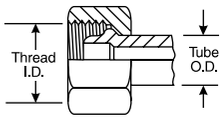
French Metric (GAZ)



Male 24° Cone



Female 24° Cone



Female Tube Fitting

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Coupling Identification

Foreign Thread Types – French (con't.)

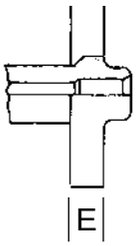
GAZ Poclain 24° Flange

The Poclain (French GAZ) 24° high pressure flange is usually found on Poclain equipment.

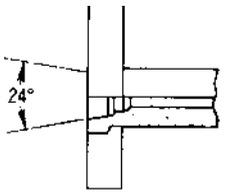
The male flange will mate with a female flange or port. The seal is made on the 24° seat.

Nominal Size (In.)	A (In.)	B (In.)	C (In.)	D (In.)	E (In.)	F (In.)
1/2	1.57	.72	2.20	1.89	.55	.35
5/8	1.57	.72	2.20	1.89	.55	.35
3/4	2.00	.94	2.75	2.38	.71	.43

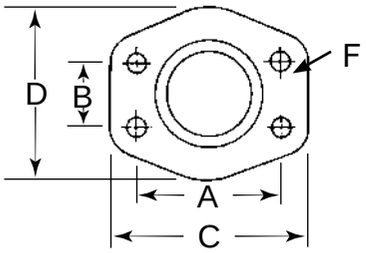
Poclain (French GAZ)



Male Flange



Female Flange



Flange Clamp

German DIN (Deutsche Industrial Norme)

Popular couplings are German DIN (Deutsche Industrial Norme). A coupling referred to as "metric" usually means a DIN coupling.

DIN 24° Cone

The DIN 24° cone male will mate with any of the females shown.

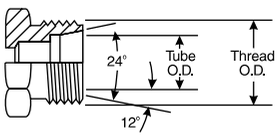
The male has a 24° seat, straight metric threads, and a recessed counterbore which matches the tube O.D. of the coupling used with it. The mating female is a 24° cone with O-ring, a metric tube fitting or a universal 24° and 60° cone.

There is a light and heavy series DIN coupling. Proper identification is made by measuring both the thread size and the tube O.D. (The heavy series has a smaller tube O.D. but a thicker wall section than the light.)

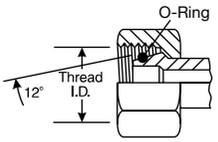
When measuring the flare angle with the seat angle gauge, use the 12° gauge. The seat angle gauge measures the angle from the connector centerline.

Metric Thread Size	Female Thread	Male Thread	Tube O.D.		Torque Recommendation (Ft. Lbs.)	
	I.D. (mm)	O.D. (mm)	Light Series (mm)	Heavy Series (mm)	Min.	Max.
M12x1.5	10.5	12.0	6	—	7	15
M14x1.5	12.5	14.0	8	—	15	26
M16x1.5	14.5	16.0	10	8	18	30
M18x1.5	16.5	18.0	12	10	22	33
M20x1.5	18.5	20.0	14	12	26	37
M22x1.5	20.5	22.0	15	14	30	52
M24x1.5	22.5	24.0	—	16	30	52
M26x1.5	24.5	26.0	18	—	44	74
M30x2.0	28.0	30.0	22	20	59	89
M36x2.0	34.0	36.0	28	25	74	111
M42x2.0	40.0	42.0	—	30	74	162
M45x2.0	43.0	45.0	35	—	133	184
M52x2.0	50.0	52.0	42	38	148	221

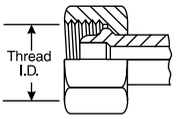
DIN 24° Male and Mating Females



Male 24° Cone, DIN 2353 (MDL/MDH)



Female 24° Cone with O-Ring (FDLORX/FDHORX)



Female Universal 24° and 60° Cone (FDLX/FDHX)

Coupling Identification

Foreign Thread Types – German DIN (con't.)

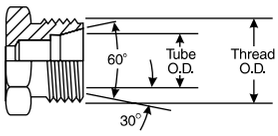
DIN 60° Cone

The DIN 60° cone male will mate with the female universal 24° or 60° cone connector only.

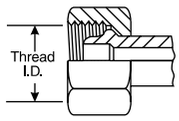
The male has a 60° seat and straight metric threads. The female has a 24° and 60° universal seat and straight metric threads.

When measuring the flare angle with the seat angle gauge, use the 30° gauge. The seat angle gauge measures the angle from the connector centerline.

Metric Thread Size	Female Thread	Male Thread	Tube O.D.	Torque Recommendation (Ft. Lbs.)	
	I.D. (mm)	O.D. (mm)	(mm)	Min.	Max.
M14x1.5	12.5	14.0	8	15	26
M16x1.5	14.5	16.0	10	18	30
M18x1.5	16.5	18.0	12	22	33
M22x1.5	20.5	22.0	15	30	52
M26x1.5	24.5	26.0	18	44	74
M30x1.5	28.5	30.0	22	59	59
M38x1.5	36.5	38.0	28	74	111
M45x1.5	43.5	45.0	35	133	184
M52x2.0	50.5	52.0	42	148	221



Male
60° Cone, DIN 6711



Female
Universal 24° and 60° Cone

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
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SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Coupling Identification

Foreign Thread Types – German DIN (con't.)

DIN 3852 Couplings Type A & B (Parallel Threads)

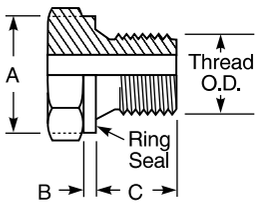
The male DIN 3852 Type A & B couplings will mate with the female DIN coupling shown below. Gates offers this thread as an adapter.

The male and female type A & B couplings have straight threads. The seal occurs when the ring seal (Type A) or the face seal (Type B) mates with the face of the female port.

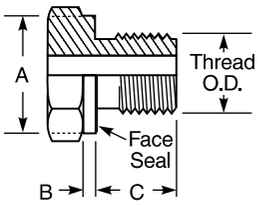
There are two series of DIN 3852 Type A & B couplings, the light (L) and the heavy (S) series.

Note: Commonly used threads on male metric adapters.

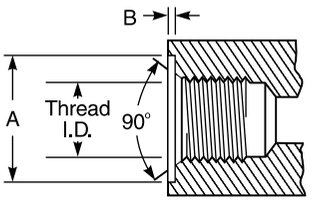
DIN 3852 Couplings Type A & B (Parallel Threads)



Male Type A



Male Type B



Female Types A & B

Series	Tube O.D. (mm)	Metric Thread Parallel								Whitworth Thread Parallel							
		Thread Size	Female			Male				Thread Size	Female (BSPOR)			Male (BSPP)			
			Thread I.D. (mm)	A (mm)	B (mm)	Thread O.D. (mm)	A (mm)	B (mm)	C (mm)		Thread I.D. (In.)	A (mm)	B (mm)	Thread O.D. (In.)	A (mm)	B (mm)	C (mm)
L Light	6	10x1.0	8.5	15	1.0	10	14	1.5	8	1/8-28	11/32	15	1.0	3/8	14	1.5	8
	8	12x1.5	10.5	18	1.5	12	17	2.0	12	1/4-19	15/32	19	1.5	1/2	17	2.0	12
	10	14x1.5	12.5	20	1.5	14	19	2.0	12	1/4-19	15/32	19	1.5	1/2	19	2.0	12
	12	16x1.5	14.5	22	1.5	16	21	2.5	12	3/8-19	19/32	23	2.0	21/32	21	2.5	12
	15	18x1.5	16.5	24	2.0	18	23	2.5	12	1/2-14	3/4	27	2.5	13/16	23	2.5	12
	18	22x1.5	20.5	28	2.5	22	27	3.0	14	1/2-14	3/4	27	2.5	13/16	27	3.0	14
	22	26x1.5	24.5	32	2.5	26	31	3.0	16	3/4-14	31/32	33	2.5	1-1/32	31	3.0	16
	28	33x2.0	31.5	40	2.5	33	39	3.0	18	1-11	1-7/32	40	2.5	1-5/16	39	3.0	18
	35	42x2.0	40.5	50	2.5	42	49	3.0	20	1-1/4-11	1-17/32	50	2.5	1-21/32	49	3.0	20
	42	48x2.0	46.5	56	2.5	48	55	3.0	22	1-1/2-11	1-25/32	56	2.5	1-7/8	55	3.0	22
S Heavy	6	12x1.5	10.5	18	1.5	12	17	2.0	12	1/4-19	15/32	19	1.5	1/2	17	2.0	12
	8	14x1.5	12.5	20	1.5	14	19	2.0	12	1/4-19	15/32	19	1.5	1/2	19	2.0	12
	10	16x1.5	14.5	22	1.5	16	21	2.5	12	3/8-19	19/32	23	2.0	21/32	21	2.5	12
	12	18x1.5	16.5	24	2.0	18	23	2.5	12	3/8-19	19/32	23	2.0	21/32	23	2.5	12
	14	20x1.5	18.5	26	2.0	20	25	3.0	14	1/2-14	3/4	27	2.5	13/16	25	3.0	14
	16	22x1.5	20.5	28	2.5	22	27	3.0	14	1/2-14	3/4	27	2.5	13/16	27	3.0	14
	20	27x2.0	25.5	33	2.5	27	32	3.0	16	3/4-14	31/32	33	2.5	1-1/32	32	3.0	16
	25	33x2.0	31.5	40	2.5	33	39	3.0	18	1-11	1-7/32	40	2.5	1-5/16	39	3.0	18
	30	42x2.0	40.5	50	2.5	42	49	3.0	20	1-1/4-11	1-17/32	50	2.5	1-21/32	49	3.0	20
	38	48x2.0	46.5	56	2.5	48	55	3.0	22	1-1/2-11	1-25/32	56	2.5	1-7/8	55	3.0	22

Coupling Identification

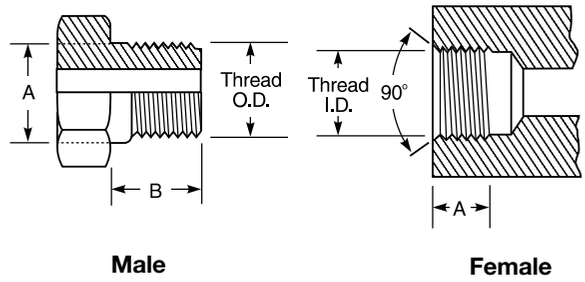
Foreign Thread Types – German DIN (con't.)

DIN 3852 Type C Metric and Whitworth Tapered (BSPT) Thread Connectors

The DIN 3852 Type C couplings are available with either metric or Whitworth British thread. The male will mate only with the female as shown.

The male and female couplings have tapered threads. The seal takes place on the threads. There are three series of DIN 3852 Type C Couplings: extra light (LL), light (L) and heavy (S).

DIN 3852 Type C Metric and Whitworth Tapered Thread Connectors

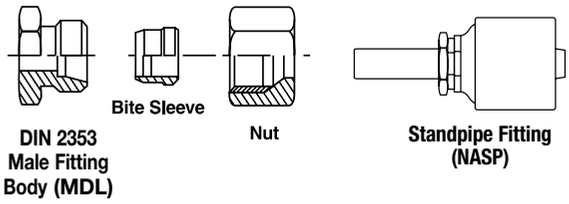


Series	Tube O.D. (mm)	Metric Tapered Threads						Whitworth Tapered Threads					
		Thread Size	Female		Male			Thread Size	Female		Male		
			Thread I.D. (mm)	A (mm)	Thread O.D. (mm)	A (mm)	B (mm)		Thread I.D. (In.)	A (mm)	Thread O.D. (In.)	A (mm)	B (mm)
LL Extra Light	4	8x1.0	6.5	5.5	8	8.40	8	1/8-28	11/32	5.5	1/8	.392	8
	5	8x1.0	6.5	5.5	8	8.40	8	1/8-28	11/32	5.5	1/8	.392	8
	6	10x1.0	8.5	5.5	10	10.40	8	1/8-28	11/32	5.5	1/8	.392	8
	8	10x1.0	8.5	5.5	10	10.40	8	1/8-28	11/32	5.5	1/8	.392	8
L Light	6	10x1.0	8.5	5.5	10	10.40	8	1/8-28	11/32	5.5	1/8	.392	8
	8	12x1.5	10.5	8.5	12	12.53	12	1/4-19	15/32	8.5	1/4	.532	12
	10	14x1.5	12.5	8.5	14	14.53	12	1/4-19	15/32	8.5	1/4	.532	12
	12	16x1.5	14.5	8.5	16	16.53	12	3/8-19	19/32	8.5	3/8	.670	12
	15	18x1.5	16.5	8.5	18	18.53	12	1/2-14	3/4	8.5	1/2	.839	14
	18	22x1.5	20.5	10.5	22	22.65	14	1/2-14	3/4	10.5	1/2	.839	14
S Heavy	6	12x1.5	10.5	8.5	12	12.53	12	1/4-19	15/32	8.5	1/4	.532	12
	8	14x1.5	12.5	8.5	14	14.53	12	1/4-19	15/32	8.5	1/4	.532	12
	10	16x1.5	14.5	8.5	16	16.53	12	3/8-19	19/32	8.5	3/8	.670	12
	12	18x1.5	16.5	8.5	18	18.53	12	3/8-19	19/32	8.5	3/8	.670	12
	14	20x1.5	18.5	10.5	20	20.65	14	1/2-14	3/4	10.5	1/2	.839	14
	16	22x1.5	20.5	10.5	22	22.65	14	1/2-14	3/4	10.5	1/2	.839	14

Metric Stand Pipe Assembly

A metric stand pipe assembly is comprised of three components attached to a male fitting. The components are: a Stand Pipe Tube, Bite Sleeve and Metric Nut. The nut is placed over the Stand Pipe, followed by the Bite Sleeve (see illustration below). For DIN light assemblies, a DIN light metric nut is used. For DIN heavy assemblies, a DIN heavy metric nut is used. The Bite Sleeve and Stand Pipe are selected on the basis of tube O.D.

Metric Standpipe Assembly



Metric Stand Pipe DIN Tube O.D. (mm)	Bite Sleeve DIN Tube O.D. (mm)	Metric Nut Thread	
		Light	Heavy
6	6	M12x1.5	—
8	8	M14x1.5	M16x1.5
10	10	M16x1.5	M18x1.5
12	12	M18x1.5	M20x1.5
15	15	M22x1.5	—
16	16	—	M24x1.5
18	18	M26x1.5	—
20	20	—	M30x2.0
22	22	M30x2.0	—
25	25	—	M36x2.0
28	28	M36x2.0	—
30	30	—	M42x2.0
35	35	M45x2.0	—
38	38	—	M52x2.0
42	42	M52x2.0	—

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Coupling Identification

Foreign Thread Types (con't.)

Japanese

There are two popular types of coupling styles in Japan, Japanese Industrial Standard and Komatsu. These couplings look similar to Male JIC and Female JIC Swivel couplings. However there are two major differences: The threads are BSP and the seat angle is only 30° instead of 37° for JIC.

1. **Japanese Industrial Standard.** Most Japanese equipment uses this type of coupling with a 30° seat and British Standard Pipe Parallel threads. **They are not interchangeable with British couplings, since the flare is not inverted.**
2. **Komatsu.** All Komatsu equipment uses couplings with a 30° seat and metric fine threads. All flanges are Code 61 or Code 62, except -10 which utilizes a special Komatsu-style flange that does not conform to SAE standard sizing.

Japanese 30° Flare Parallel Threads

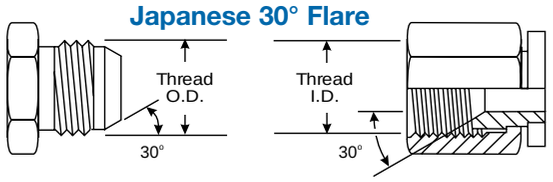
The Japanese 30° flare male connector will mate with a Japanese 30° flare female only.

The male and female have straight threads and a 30° seat. The seal is made on the 30° seat.

The threads on the Japanese 30° flare connector conform to JIS B 0202, which are the same as the BSPOR threads. Both the British and Japanese connectors have a 30° seat, but they are not interchangeable because the British seat is inverted.

Dash Size	Nominal Size (In.)	Thread Size	Female Thread I.D. (In.)	Male Thread O.D. (In.)
-2	1/8	1/8 – 28	11/32	3/8
-4	1/4	1/4 – 19	7/16	17/32
-6	3/8	3/8 – 19	19/32	21/32
-8	1/2	1/2 – 14	3/4	13/16
-10	5/8	5/8 – 14	13/16	29/32
-12	3/4	3/4 – 14	15/16	1-1/32
-16	1	1 – 11	1-13/16	1-15/16
-20	1-1/4	1-1/4 – 11	1-17/32	1-21/32
-24	1-1/2	1-1/2 – 11	1-25/32	1-7/8
-32	2	2 – 11	2-7/32	2-11/32

Japanese 30° Flare



Male (MJIS) **Female (FJISX)**

Japanese Tapered Pipe Thread

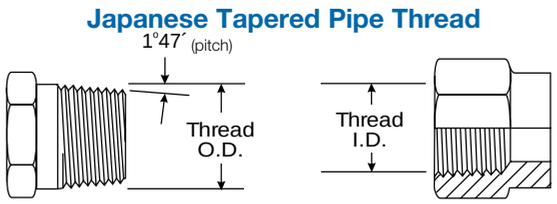
The Japanese tapered pipe thread connector is identical to and fully interchangeable with the BSPT (tapered) connector. **The Japanese connector does not have a 30° flare and will not mate with the BSPOR female.**

The threads conform to JIS B 0203, which are the same as BSPT threads.

The seal on the Japanese tapered pipe thread connector is made on the threads.

Dash Size	Nominal Size (In.)	Thread Size	Female Parallel Thread I.D. (In.)	Male Parallel Thread O.D. (In.)
-2	1/8	1/8 – 28	11/32	3/8
-4	1/4	1/4 – 19	7/16	17/32
-6	3/8	3/8 – 19	19/32	21/32
-8	1/2	1/2 – 14	3/4	13/16
-12	3/4	3/4 – 14	15/16	1-1/32
-16	1	1 – 11	1-13/16	1-15/16
-20	1-1/4	1-1/4 – 11	1-17/32	1-21/32
-24	1-1/2	1-1/2 – 11	1-25/32	1-7/8
-32	2	2 – 11	2-7/32	1-11/32
-32	2	2 – 11	2-7/32	2-11/32

Japanese Tapered Pipe Thread



Male (MBSPT) **Female (FBSPT)**

Coupling Identification

Foreign Thread Types – Japanese (con't.)

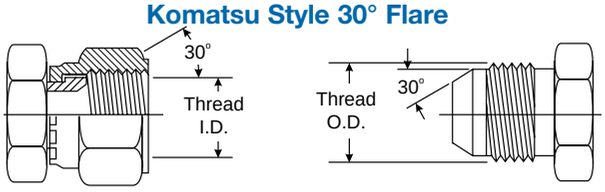
Komatsu Style 30° Flare Parallel Threads

The Komatsu style 30° flare parallel thread connector is identical to the Japanese 30° flare parallel thread connector except for the threads. The Komatsu style connector uses metric fine threads which conform to JIS B 0207. Gates identifies these as Komatsu-style by marking the hex nuts with two small notches.

Dash Size	Nominal Size		Thread Size	Female Thread I.D. (mm)	Male Thread (O.D.) (mm)
	(In.)	(mm)			
-6	3/8	9.5	M18x1.5	16.5	18
-8	1/2	13	M22x1.5	20.5	22
-10	5/8	16	M24x1.5	22.5	24
-12	3/4	19	M30x1.5	28.5	30
-16	1	25	M33x1.5	31.5	33
-20	1-1/4	32	M36x1.5	34.5	36
-24	1-1/2	38	M42x1.5	40.5	42

The Komatsu style connector seals on the 30° flare.

Komatsu Style 30° Flare



Female (FKX) **Male (MK)**

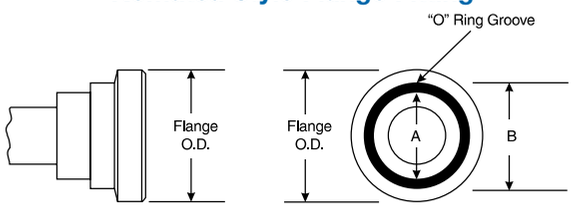
Komatsu Style Flange Fitting

The Komatsu style flange fitting is nearly identical to and fully interchangeable with the SAE Code 61 flange fitting. In all sizes the O-ring dimensions are different. When replacing a Komatsu style flange with an SAE style flange, an SAE style O-ring must always be used.

Dash Size	Nominal Size		Flange O.D. (In.)	A (In.)	B (In.)
	(In.)	(mm)			
-8	1/2	12.7	1.188	.728	.984
-10*	5/8	15.9	1.345	.728	1.102
-12	3/4	19.1	1.500	.846	1.220
-16	1	25.4	1.750	1.122	1.496
-20	1-1/4	31.8	2.000	1.358	1.732
-24	1-1/2	38.1	2.375	1.750	2.125
-32	2	50.8	2.812	2.225	2.559

**(-10 is a non-SAE size flange)*

Komatsu Style Flange Fitting

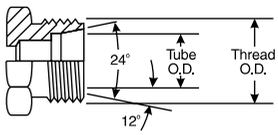


Flange (FL) **Flange Head**

Metric Kobelco Metric Bite Sleeve

These are similar to the German DIN 24° cone, but the DIN style uses courser threads. Therefore, the Kobelco and German DIN are not interchangeable for female Kobelco (see French GAZ 24° swivel).

Dash Size	Metric Thread Size	Female Thread I.D. (mm)	Male Thread O.D. (mm)
-22	M30X1.5	28	30
-28	M36X1.5	34	36
-35	M45X1.5	43	45



Male 24° Cone (MKB)

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Gates Global Part Numbering System

Gates couplings feature a meaningful part number that makes coupling identification fast and easy. Always refer to Gates Crimp Data Charts when selecting hose and coupling combinations.

In the following example, the Global Part Number G25100-0808 identifies a MegaCrimp® Male Pipe (MP) coupling with -8 (1/2") stem size and -8 (1/2") thread size.

G25100-0808

- G25 — Series Stem Style (see below)
- 100 — Thread Configuration (see following pages)
- 08 — Stem Size
- 08 — Thread Size

Series Stem Styles:

G17—Stainless Steel Braid
G18—Stainless Steel Spiral
G19—GlobalSpiral™ (G8K)
G20—GS GlobalSpiral™ (GS -4 thru -20) all except MC4-20 crimper
G21—MGS GlobalSpiral™ (For MC4-20 crimper only -20)
G22—GSP GlobalSpiral™ (GSP -24 & -32) replaces PC and PCS
G24— GSH GlobalSpiral™ (GSH -24 & -32) replaces PCM
G25—MegaCrimp®
G27—G1 Reusable
G28—G2 Reusable
G30—DOT Copper Tubing
G31—DOT SureLok™ Fittings Nylon Air Brake
G32—DOT Compression Fittings Nylon Air Brake
G33—Air Brake Fittings for Rubber Air Brake
G34—C5 Reusable
G35—C5E Reusable
G36—LOC Lock-On (Brass)
G37—Single Bead Brass Fittings
G38—Barbed Stem
G40—Couplings for C14 Teflon* Hose
G42—GLP Couplings
G43—GL Couplings
G44—GLX Couplings (Low Pressure)
G45—PolarSeal™ Couplings (Aluminum & Steel)
G46—PolarSeal II™
G50—Power Steering- MFA
G51—PCTS Thermoplastic
G52—Clamping Collars
G60—SAE Adapters
G62—British to SAE Adapters
G63—Metric to SAE Adapter
G64—International to International Adapter
G65—Japanese to SAE Adapter
G80—Hose Bend Restrictors
G81—Hose Guard (Plastic/Nylon)
G82 & 83—Spring Guard
G93—Live Swivels
G94 & 95—Quick Disconnects
G96—Ball Valves

Gates Global Part Numbering System

Thread Configurations for Stem Styles

These three-digit numbers identify the various coupling thread configurations

100 — MP Male Pipe (NPTF - 30° Cone Seat)
101 — MPLN Male Pipe Long Nose
102 — MPAPI Male Pipe for API Unions
105 — MPX Male Pipe Swivel (NPTF - Without 30° Cone Seat)
106 — MPX90 Male Pipe Swivel - 90° Block (NPTF - Without 30° Cone Seat)
107 — MPX90L Male Pipe Swivel - 90° Block Long (NPTF – Without 30° Cone Seat)
110 — FP Female Pipe (NPTF - Without 30° Cone Seat)
111 — FPX Female Pipe Swivel (NPSM - 30° Cone Seat)
112 — FPXT Female Pipe Swivel Tapered Threads (NPTF)
120 — MB Male O-Ring Boss
121 — MBX Male O-Ring Boss Swivel
122 — MBX45 Male O-Ring Boss Swivel - 45° Block
123 — MBX90 Male O-Ring Boss Swivel - 90° Block
124 — MBX90L Male O-Ring Boss Swivel - 90° Block Long
130 — MBAX Male O-Ring Boss Adapterless Swivel
133 — MBAX45 Male O-Ring Boss Adapterless Swivel - 45° Bent Tube
134 — MBAX90M Male O-Ring Boss Adapterless Swivel - 90° Bent Tube Medium Drop
135 — MBAX90S Male O-Ring Boss Adapterless Swivel - 90° Bent Tube Short Drop
136 — MBAX90L Male O-Ring Boss Adapterless Swivel - 90° Bent Tube Long Drop
140 — FMX Female MegaSeal® Swivel
141 — FMXL Female MegaSeal Swivel Long
142 — FMX30 Female MegaSeal Swivel - 30° Bent Tube
143 — FMX30L Female MegaSeal Swivel - 30° Bent Tube Long Drop
144 — FMX45S Female MegaSeal Swivel - 45° Bent Tube Short Drop
145 — FMX45 Female MegaSeal Swivel - 45° Bent Tube
146 — FMX45L Female MegaSeal Swivel - 45° Bent Tube Long Drop
147 — FMX60 Female MegaSeal Swivel - 60° Bent Tube
148 — FMX60L Female MegaSeal Swivel - 60° Bent Tube Long Drop
149 — FMX90S Female MegaSeal Swivel - 90° Bent Tube Short Drop
150 — FMX90 Female MegaSeal Swivel - 90° Bent Tube
151 — FMX90L Female MegaSeal Swivel - 90° Bent Tube Long Drop
152 — FMX90XL Female MegaSeal Swivel - 90° Bent Tube Extra Long Drop
165 — MJ Male JIC 37° Flare
166 — MJL Male JIC 37° Flare Long
167 — MJ90BLK Male JIC 37° Flare - 90° Block
170 — FJX Female JIC 37° Flare Swivel
171 — FJXL Female JIC 37° Flare Swivel Long
172 — FJX30 Female JIC 37° Flare Swivel - 30° Bent Tube
173 — FJX30L Female JIC 37° Flare Swivel - 30° Bent Tube Long Drop
174 — FJX45S Female JIC 37° Flare Swivel - 45° Bent Tube Short Drop
175 — FJX45 Female JIC 37° Flare Swivel - 45° Bent Tube
176 — FJX45L Female JIC 37° Flare Swivel - 45° Bent Tube Long Drop
177 — FJX60 Female JIC 37° Flare Swivel - 60° Bent Tube
178 — FJX60L Female JIC 37° Flare Swivel - 60° Bent Tube Long Drop
179 — FJX90S Female JIC 37° Flare Swivel - 90° Bent Tube Short Drop
180 — FJX90M Female JIC 37° Flare Swivel - 90° Bent Tube
181 — FJX90L Female JIC 37° Flare Swivel - 90° Bent Tube Long Drop
182 — FJX90 Female JIC 37° Flare Swivel - 90° Bent Tube Extra Long Drop
183 — FJX90 Female JIC 37° Flare Swivel - 90° Bent Tube Non-ISO Drop
185 — FJXP Female JIC 37° Flare Swivel Under Pressure
187 — FJX90BLK Female JIC 37° Flare Swivel - 90° Block
195 — MS Male SAE 45° Flare
196 — MS45 Male SAE 45° Flare - 45° Bent Tube
197 — MS90 Male SAE 45° Flare - 90° Bent Tube
199 — MS90BLK Male SAE 45° Flare - 90° Block
200 — FSX Female SAE 45° Flare Swivel
201 — FSXLT Female SAE 45° Flare Swivel Long Tube
202 — FSX45 Female SAE 45° Flare Swivel - 45° Bent Tube
203 — FSX45L Female SAE 45° Flare Swivel - 45° Bent Tube Long Drop
204 — FSX90S Female SAE 45° Flare Swivel - 90° Bent Tube Short Drop
205 — FSX90 Female SAE 45° Flare Swivel - 90° Bent Tube
206 — FSX90L Female SAE 45° Flare Swivel - 90° Bent Tube Long Drop
207 — FSX90XL Female SAE 45° Flare Swivel - 90° Bent Tube Extra Long Drop
210 — FJSX Dual Seat Female JIC 37°/SAE 45° Flare Swivel
211 — FJSX45 Dual Seat Female JIC 37°/SAE 45° Flare Swivel - 45° Bent Tube
212 — FJSX90 Dual Seat Female JIC 37°/SAE 45° Flare Swivel - 90° Bent Tube
213 — FJSX90L Dual Seat Female JIC 37°/SAE 45° Flare Swivel - 90° Bent Tube Long Drop
225 — MFFOR Male Flat-Face O-Ring
226 — MFFORBKHDLN Male Flat-Face O-Ring Bulkhead Long Nose
229 — FFORXS Female Flat-Face O-Ring Swivel Short
230 — FFORX Female Flat-Face O-Ring Swivel
231 — FFORXL Female Flat-Face O-Ring Swivel Long
232 — FFORX22 Female Flat-Face Swivel - 22° Bent Tube Short Drop
233 — FFORX30 Female Flat-Face Swivel - 30° Bent Tube Short Drop
234 — FFORX45S Female Flat-Face Swivel - 45° Bent Tube Short Drop
235 — FFORX45 Female Flat-Face Swivel - 45° Bent Tube
239 — FFORX90S Female Flat-Face Swivel - 90° Bent Tube Short Drop
240 — FFORX90M Female Flat-Face Swivel - 90° Bent Tube
241 — FFORX90L Female Flat-Face Swivel - 90° Bent Tube Long Drop
242 — FFORX90XL Female Flat-Face Swivel - 90° Bent Tube Extra Long Drop
248 — FFORX135 Female Flat-Face Swivel - 135° Bent Tube
300 — FL Code 61 O-Ring Flange
301 — FLL Code 61 O-Ring Flange Long
302 — FL22M Code 61 O-Ring Flange - 22-1/2° Bent Tube Medium Drop
304 — FL30 Code 61 O-Ring Flange - 30° Bent Tube
305 — FL30L Code 61 O-Ring Flange - 30° Bent Tube Long Drop
306 — FL45S Code 61 O-Ring Flange - 45° Bent Tube Short Drop
307 — FL45 Code 61 O-Ring Flange - 45° Bent Tube Medium Drop

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
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HOSE CUTTERS & TOOLS
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AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
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C14 COUPLINGS
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BALL VALVES
KITS

Gates Global Part Numbering System

Thread Configurations – continued

308 — FL60S Code 61 O-Ring Flange - 60° Bent Tube Short Drop
309 — FL60 Code 61 O-Ring Flange - 60° Bent Tube Medium Drop
310 — FL60L Code 61 O-Ring Flange - 60° Bent Tube Long Drop
311 — FL67 Code 61 O-Ring Flange – 67-1/2° Bent Tube
312 — FL67L Code 61 O-Ring Flange – 67-1/2° Bent Tube Long Drop
313 — FL90XS Code 61 O-Ring Flange - 90° Bent Tube Extra Short Drop
314 — FL90S Code 61 O-Ring Flange - 90° Bent Tube Short Drop
315 — FL90 Code 61 O-Ring Flange - 90° Bent Tube Medium Drop
316 — FL90L Code 61 O-Ring Flange - 90° Bent Tube Long Drop
317 — FL90XL Code 61 O-Ring Flange - 90° Bent Tube Extra Long Drop
318 — FL90XXL Code 61 O-Ring Flange - 90° Bent Tube Extra Extra Long Drop
319 — FL90 – (Non ISO) Code 61 O-Ring Flange - 90° Bent Tube (non-ISO) drop length
323 — FL100 Code 61 O-Ring Flange - 100° Bent Tube
325 — FL110 Code 61 O-Ring Flange - 110° Bent Tube
327 — FL120 Code 61 O-Ring Flange - 120° Bent Tube
329 — FL125 Code 61 O-Ring Flange - 125° Bent Tube
331 — FL135 Code 61 O-Ring Flange - 135° Bent Tube
342 — RFL905 Reuseable Flange - 90° Special
350 — FLH Code 62 O-Ring Flange Heavy
351 — FLHL Code 62 O-Ring Flange Heavy Long
352 — FLH22 Code 62 O-Ring Flange Heavy – 22-1/2° Bent Tube
354 — FLH30 Code 62 O-Ring Flange Heavy - 30° Bent Tube
357 — FLH45 Code 62 O-Ring Flange Heavy - 45° Bent Tube
358 — FLH45L Code 62 O-Ring Flange Heavy - 45° Bent Tube Long Drop
359 — FLH60 Code 62 O-Ring Flange Heavy - 60° Bent Tube
361 — FLH67 Code 62 O-Ring Flange Heavy – 67-1/2° Bent Tube
364 — FLH90S Code 62 O-Ring Flange Heavy - 90° Bent Tube Short Drop
365 — FLH90 Code 62 O-Ring Flange Heavy - 90° Bent Tube Medium Drop
366 — FLH90L Code 62 O-Ring Flange Heavy - 90° Bent Tube Long Drop
367 — FLH90XL Code 62 O-Ring Flange Heavy - 90° Bent Tube Extra Long Drop (NON ISO)
370 — FLFF Flange Without O-Ring Groove (Code 62)
400 — FLC Caterpillar Style O-Ring Flange (Code 62)
401 — FLCL Caterpillar Style O-Ring Flange (Code 62) Long
402 — FLC22 Caterpillar Style O-Ring Flange (Code 62) - 22-1/2° Bent Tube
404 — FLC30 Caterpillar Style O-Ring Flange (Code 62) - 30° Bent Tube
407 — FLC45 Caterpillar Style O-Ring Flange (Code 62) - 45° Bent Tube
409 — FLC60 Caterpillar Style O-Ring Flange (Code 62) - 60° Bent Tube
411 — FLC67 Caterpillar Style O-Ring Flange (Code 62) - 67-1/2° Bent Tube
415 — FLC90 Caterpillar Style O-Ring Flange (Code 62) - 90° Bent Tube
416 — FLC90L Caterpillar Style O-Ring Flange (Code 62) - 90° Bent Tube Long Drop
450 — TBFL Two Bolt Flange (Code 61)
452 — TBFL45 Two Bolt Flange (Code 61) - 45° Bent Tube
454 — TBFL90 Two Bolt Flange (Code 61) - 90° Bent Tube
460 — ABC Air Brake Compression
461 — STA Straight Tube Assembly
470 — FLFFP Female French Poclain O-Ring Flange (Code 62)
480 — FLMFP Male French Poclain O-Ring Flange (Code 62)
500 — MIX SAE Male Inverted Swivel
501 — MIXL SAE Male Inverted Swivel Long
502 — MIX45 SAE Male Inverted Swivel - 45° Bent Tube
504 — MIX90 SAE Male Inverted Swivel - 90° Bent Tube
506 — MIX120 SAE Male Inverted Swivel - 120° Bent Tube
508 — FI Female Inverted
510 — MFA SAE Male Flareless Assembly
511 — MFA90 SAE Male Flareless - 90° Bent Tube
520 — SP Stand Pipe
521 — SPL Stand Pipe Long
522 — SP45 Stand Pipe - 45° Bent Tube
524 — SP90 Stand Pipe - 90° Bent Tube
527 — FBO Female Braze-On Stems
530 — PL Male Press-Loc Stems
531 — PL45 Male Press-Loc Stems - 45° Bent Tube
532 — PL90 Male Press-Loc Stems - 90° Bent Tube
535 — HLE Hose Length Extender
536 — HLE45 Hose Length Extender - 45° Bent Tube
537 — HLE 90 Hose Length Extender - 90° Bent Tube
538 — HLESG Hose Length Extender - Sight - Glass
539 — HLET Hose Length Extender - Tee
540 — FABX Female Air Brake Swivel
541 — HLE180 Hose Length Extender - 180° Bent Tube
543 — TBFLX Two Bolt Flange Swivel
560 — MPG Male Special Grease Fitting
561 — FG Female Special Grease Fitting
562 — FZX Parker Triple Thread Female Swivel
563 — PWX Pressure Washer Swivel (Karcher)
564 — BJF Banjo (Ford Tractor)
570 — MST Male SAE 45° Flare - Straight Tube
571 — MST45 Male SAE 45° Flare - 45° Bent Tube
572 — MST90 Male SAE 45° Flare - 90° Bent Tube
579 — FTON134SP45 Female SAE Tube O-Ring Nut Swivel w/ R134A Service Port - 45° Bent Tube
580 — MTON134SP Male SAE Tube O-Ring Nut w/R134a Service Port
581 — MTON134SP45 Male SAE Tube O-Ring Nut w/R134a Service Port - 45° Bent Tube
582 — MTON134SP90 Male SAE Tube O-Ring Nut w/R134a Service Port - 90° Bent Tube
583 — MTON Male SAE Tube O-Ring Nut
584 — MTON45 Male SAE Tube O-Ring Nut - 45° Bent Tube
585 — MTON90 Male SAE Tube O-Ring Nut - 90° Bent Tube
586 — FTONR12SP Female SAE Tube O-Ring Nut Swivel w/R12 Service Port
587 — FTONR12SP90 Female SAE Tube O-Ring Nut Swivel w/R12 Service Port - 90° Bent Tube
588 — FTON134SP Female SAE Tube O-Ring Nut Swivel w/ R134a Service Port

Gates Global Part Numbering System

Thread Configurations – continued

589 — FTON134SP90 Female SAE Tube O-Ring Nut Swivel - 90° Bent Tube w/R134a Service Port
590 — FTON Female SAE Tube O-Ring Nut Swivel
591 — FTON45 Female SAE Tube O-Ring Nut Swivel - 45° Bent Tube
592 — FTON90 Female SAE Tube O-Ring Nut Swivel - 90° Bent Tube
593 — FTOMN Female SAE Tube O-Ring Metric Nut Swivel
594 — FTOMN45 Female SAE Tube O-Ring Metric Nut Swivel - 45° Bent Tube
595 — FTOMN90 Female SAE Tube O-Ring Metric Nut Swivel - 90° Bent Tube
596 — FTON90BL Female SAE Tube O-Ring Nut Swivel - 90° Block
597 — MIO Male Inverted O-Ring
598 — MIO45 Male Inverted O-Ring - 45° Bent Tube
599 — MIO90 Male Inverted O-Ring - 90° Bent Tube
600 — MIOBKHD Male Inverted O-Ring Bulkhead
601 — MIOBKHD45 Male Inverted O-Ring Bulkhead - 45° Bent Tube
602 — MIOBKHD90 Male Inverted O-Ring Bulkhead - 90° Bent Tube
604 — FTDON Female Tube Dual O-Ring Nut Swivel
605 — FTDON45 Female Tube Dual O-Ring Nut Swivel - 45° Bent Tube
606 — FTDON90 Female Tube Dual O-Ring Nut Swivel - 90° Bent Tube
607 — FTDOMN Female Tube Dual O-Ring Metric Nut Swivel
608 — FTDOMN45 Female Tube Dual O-Ring Metric Nut Swivel - 45° Bent Tube
609 — FTDOMN90 Female Tube Dual O-Ring Metric Nut Swivel - 90° Bent Tube
610 — FTON180 Female Tube O-Ring Nut Swivel 180°
611 — MIO134SP Male Inverted O-Ring w/R134a Service Port
612 — MIO134SP45 Male Inverted O-Ring Bulkhead w/R134a Service Port – 45° Bent Tube
613 — MIO134SP90 Male Inverted O-Ring w/R134a Service Port – 90° Bent Tube
614 — TORSP Universal T-Splicers English Threads
615 — MDL Male DIN Light Series 24° Inverted Cone
640 — FDLX Female DIN Light Series O-Ring Swivel 24° Cone
641 — FDLX45 Female DIN Light Series O-Ring Swivel 24° Cone - 45° Bent Tube
642 — FDLX90 Female DIN Light Series O-Ring Swivel 24° Cone - 90° Bent Tube
645 — FDLORX Female DIN Light Series O-Ring Swivel 24° Cone
646 — FDLLORX Female DIN Extra Light Series O-Ring Swivel 24° Cone
650 — FDLORX45 Female DIN Light Series O-Ring Swivel 24° Cone - 45° Bent Tube
653 — FDLORX70 Female DIN Light Series O-Ring Swivel 24° Cone - 70° Bent Tube 20G-28FDLORX70-80
655 — FDLORX90 Female DIN Light Series O-Ring Swivel 24° Cone - 90° Bent Tube
670 — FDFFX Female DIN Flat-Face Swivel
675 — MFG Male French GAZ
680 — FFGX Female French GAZ Swivel
685 — FFGX45 Female French GAZ Swivel - 45° Bent Tube
690 — FFGX90 Female French GAZ Swivel - 90° Bent Tube
710 — FDHX Female DIN Heavy Series Swivel 24° Cone
711 — FDHX45 Female DIN Heavy Series Swivel 24° Cone - 45° Bent Tube
712 — FDHX90 Female DIN Heavy Series Swivel 24° Cone - 90° Bent Tube
715 — MDH Male DIN Heavy Series 24° Inverted Cone

*Teflon is a registered trademark of DuPont.

719 — FDHX Female DIN Heavy Series Swivel 24° Cone
720 — FDHORX Female DIN Heavy Series O-Ring Swivel 24° Cone
725 — FDHORX45 Female DIN Heavy Series O-Ring Swivel 24° Cone - 45° Bent Tube
730 — FDHORX90 Female DIN Heavy Series O-Ring Swivel 24° Cone - 90° Bent Tube
735 — MKB Metric Kobelco
750 — MSP Metric Stand Pipe
751 — MSP45 Metric Stand Pipe - 45° Bent Tube
752 — MSP90 Metric Stand Pipe - 90° Bent Tube
770 — DBJ Banjo (DIN)
795 — MBSPT Male British Standard Pipe Tapered / Japanese Tapered Thread
800 — FBSPT Female British Standard Pipe Tapered / Japanese Tapered Thread
810 — MBSPP Male British Standard Pipe Parallel
811 — MBSPPLN Male British Standard Pipe Parallel Long Nose
830 — FBSPORX Female British Standard Parallel Pipe O-Ring Swivel
831 — FBSPORX45 Female British Standard Parallel Pipe O-Ring Swivel - 45° Bent Tube
832 — FBSPORX90 Female British Standard Parallel Pipe O-Ring Swivel - 90° Bent Tube
845 — FBSPORX90BL Female British Standard Parallel Pipe O-Ring Swivel - 90° Block
847 — FBX90BLK Female British Standard Pipe Parallel - 90° Block
850 — BSPBJ BSPP Banjo
855 — FBFFX Female British Flat-Face Swivel
904 — MK Male Komatsu
910 — FKX Female Komatsu Style Japanese Metric Swivel
911 — FKX45 Female Komatsu Style Japanese Metric Swivel - 45° Bent Tube
913 — FKX90 Female Komatsu Style Japanese Metric Swivel - 90° Bent Tube
930 — FJISX Female Japanese Industrial Standard Swivel
935 — MMFA Male Metric Flareless Assembly
947 — FSLTORSP Female (Ford) Spring Lock "T" O-Ring Splicer
948 — FSLSP Female (Ford) Spring Lock Liquid Line Splicer
949 — MSL45 Male (Ford) Spring Lock - 45° Bent Tube
950 — MSL Male (Ford) Spring Lock
951 — MSL90 Male (Ford) Spring Lock - 90° Bent Tube
952 — FSL Female (Ford) Spring Lock
953 — FSL90 Female (Ford) Spring Lock - 90° Bent Tube
954 — R12SP Hose Splicer w/R12 7/16-20 Thread Service Port
955 — FSL45 Female (Ford) Spring Lock - 45° Bent Tube
956 — R134SP Hose Splicer w/R134A Service Port
957 — R134SPRL Female Rotalok w/R134a Service Port – 90° Block
958 — CFTON90 Compressor Female Tube O-Ring Nut - 90° Bent Tube
959 — CFTON90BL Compressor Female Tube O-Ring Nut - 90° Block
960 — CFTON134SP90BL Compressor Female Tube O-Ring Nut w/R134A Service Port - 90° Block
961 — OS Straight One-Shot Fitting
962 — CBSR12SP90 Compressor Pad Block Single Reversed With Switch or Service Port
963 — ICBSRR12SP90 Inverted Compressor Pad Block Single Reversed With Switch or Service Port
995 — GS1F Global Spiral Ferrule with TuffCoat Plating
996 — GS1F-4CR Global Spiral Ferrule with Zinc-Nickel Plating

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Gates Global Part Numbering System

Air Brake

In the following example, the Global Part Number G31100-0808 identifies a SureLok™ Male Pipe (MP) coupling with -8 (1/2”) tube size and -8 (1/2”) thread size.

G 31 1 0 0 - 0 8 0 8

Thread Size (1/2”)

Stem Size (1/2”)

Thread Configuration (see below)

Coupling Style (see below)

Coupling Styles:

G30—Compression Fittings for Copper Tubing (Description = ABCT)
G31—SureLok™ Fittings (Description = AB)
G32—Compression Fittings (Description = ABC)
G33—Air Brake Fittings for Rubber Hose (Description = ABR)

Thread Configurations

These three-digit numbers identify the various coupling thread configurations

021 — MP-ATDV	Air Tank Drain Valve
027 — MP-CV	One Way Check Valve
030 — MAB-MP	Air Brake Adapter
031 — GH	Glad Hand
032 — GHS	Gladhand Seal
040 — TSI-AB	Tube Sleeve Insert
050 — TS-AB	Tube Sleeve
060 — TSN-AB	Tube Sleeve Nut
061 — SGN-ABR	Spring Guard Nut
100 — AB-MP	Air Brake to Male Pipe (NPTF - 30° Cone Seat)
102 — AB-MP45	Air Brake to Male Pipe - 45°
104 — AB-MP90	Air Brake to Male Pipe - 90°
105 — AB-MP-Port90	Air Brake to Male Pipe - 90° with Port
110 — ABRSG-MP	Air Brake to Male Pipe with Spring Guard
111 — ABRI-MP	Air Brake to Male Pipe without Nut
112 — SGABR	Air Brake Spring Guard
122 — AB-MPX45	Air Brake to Male Pipe Swivel - 45°
124 — AB-MPX90	Air Brake to Male Pipe Swivel - 90°
130 — MP-AB-AB	Male Pipe to Air Brake - Tee
131 — MP-AB-AB	Male Pipe to Air Brake - Tee Jump UP
132 — MP-AB-AB	Male Pipe to Air Brake - Tee Jump DOWN
134 — AB-AB-MP	Air Brake to Male Pipe - Tee
135 — AB-AB-MP	Air Brake to Male Pipe - Tee Jump UP
136 — AB-AB-MP	Air Brake to Male Pipe - Tee Jump DOWN
138 — AB-AB-MP45	Air Brake to Male Pipe - Tee - 45°
140 — MPX-AB-AB	Male Pipe Swivel to Air Brake - Tee
142 — AB-AB-MPX	Air Brake to Male Pipe Swivel - Tee
150 — AB-FP	Air Brake to Female Pipe
151 — ABR-FP	Air Brake to Female Pipe with Adapter
154 — AB-FP90	Air Brake to Female Pipe - 90°
160 — AB-AB-FP	Air Brake to Female Pipe - Tee
167 — MP-AB-FP	Male Pipe to Air Brake to Female Pipe - Tee
300 — AB-AB-BKHD	Air Brake Bulkhead
301 — AB-AB-BKHDS	Air Brake Bulkhead – Short
302 — AB-AB-BKHDL	Air Brake Bulkhead – Long
350 — AB-MFA-BKHD	Air Brake to Male Flareless Assembly Bulkhead
360 — AB-FP-BKHD	Air Brake to Female Pipe Bulkhead
377 — AB-GH-BKHD	Air Brake to Glad Hand Bulkhead
400 — AB-AB	Air Brake Union
404 — AB-AB90	Air Brake Union - 90°
450 — AB-AB-AB	Air Brake Union - Tee
451 — AB-AB-AB	Air Brake Union - Tee Jump UP
452 — AB-AB-AB	Air Brake Union - Tee Jump DOWN
453 — AB-AB-AB	Air Brake Union - Tee with Bracket
601 — AB-MP-TV	Air Brake to Male Pipe Truck Valve - 90°
602 — MP-ABC-TV	Male Pipe to Air Brake Truck Valve - 90°
610 — MP-MS90-TV	Male Pipe to Male SAE 45° Flare Truck Valve - 90°
612 — MS-MP90-TV	Male SAE 45° Flare to Male Pipe Truck Valve - 90°
620 — SB-MP90-TV	Single Bead Male Pipe Truck Valve - 90°
622 — SB-MP90-TVP	Single Bead Male Pipe Truck Valve with Pin Handle - 90°
630 — FP-MP90-TV	Female Pipe to Male Pipe Truck Valve - 90°
650 — MP-FP-FP3WTV	3-Way Truck Valve
655 — FP-FP-FP4WTV	4-Way Truck Valve – Short Handle
656 — FP-FP-FP4WTV-L	4-Way Truck Valve – Long Handle
701 — MFA-MFASC	Male Flareless Assembly to Male Flareless Assembly Shut-Off Cock
705 — MFA-MPSC	Male Flareless Assembly to Male Pipe Shut-Off Cock
710 — MP-FPSC	Male Pipe to Female Pipe Shut-Off Cock
715 — FP-FPSC	Female Pipe to Female Pipe Shut-Off Cock
720 — MS-MPSC	Male SAE 45° Flare to Male Pipe Shut-Off Cock
730 — MS-MSSC	Male SAE 45° Flare to Male SAE 45° Flare Shut-Off Cock
801 — MP-ADC	Male Pipe Air Drain Cock
805 — FP-MPADC	Female Pipe to Male Pipe Air Drain Cock
832 — MP-ADCBN	Male Pipe Air Drain Cock – Bibb Nose
850 — ATNKV	Air Tank Valve
970 — AB-MAN	6-Port Manifold

Gates Adapter Global Part Numbering System

Gates adapters feature a meaningful part number that makes couping identification fast and easy. In the following example, the Global Part Number G60110-0808 identifies a Male Pipe NPTF (MP) to Male Pipe NPTF (MP) adapter with -8 (1/2") pipe thread and -8 (1/2") pipe thread size.

Series Stem Styles:

G60—SAE to SAE **G62**—British to SAE **G63**—Metric to SAE **G64**—International to International **G65**—Japanese Conversion

G 60 1 1 0 - 0 8 0 8

Adapter Style

Thread Configuration (see below)

Stem Size (Measured in 1/16" – 8/16 = 1/2")

Thread Size (Measured in 1/16" – 8/16 = 1/2")

Thread Configurations

These three-digit numbers identify the various coupling thread configurations

SAE to SAE

60050— FFN	Female Flareless Nut
60051— FFS	Female Flareless Sleeve
60102— MP-PLUG	Male Pipe NPTF Plug
60110— MP-MP	Male Pipe NPTF to Male Pipe NPTF
60115— MP-MP90	Male Pipe NPTF to Male Pipe NPTF – 90°
60130— MP-FPS	Male Pipe NPTF to Female Pipe NPTF Reducer Bushing – Short
60132— MP-FPL	Male Pipe NPTF to Female Pipe NPTF Increasing Bushing – Long
60134— MP-FP45	Male Pipe NPTF to Female Pipe NPTF – 45°
60136— MP-FP90	Male Pipe NPTF to Female Pipe NPTF – 90°
60140— MP-FPX	Male Pipe NPTF to Female Pipe Swivel NPSM
60142— MP-FPX45	Male Pipe NPTF to Female Pipe Swivel NPSM – 45°
60144— MP-FPX90	Male Pipe NPTF to Female Pipe Swivel NPSM – 90°
60152— FP-FP	Female Pipe NPTF to Female Pipe NPTF
60154— FP-FP45	Female Pipe NPTF to Female Pipe NPTF – 45°
60156— FP-FP90	Female Pipe NPTF to Female Pipe NPTF – 90°
60160— FP-FPX	Female Pipe NPTF to Female Pipe Swivel NPSM
60162— FP-FPX45	Female Pipe NPTF to Female Pipe Swivel NPSM – 45°
60164— FP-FPX90	Female Pipe NPTF to Female Pipe Swivel NPSM – 90°
60176— MP-FP-FP	Male Pipe NPTF to Female Pipe NPTF to Female Pipe NPTF – Tee
60181— FP-FP-FP	Female Pipe NPTF – Tee
60183— FP-FP-MP	Female Pipe NPTF on Run to Male Pipe NPTF – Tee
60184— FPX-FPX-FPX	Female Pipe Swivel NPSM – Tee
60186— FPX-FPX-MP	Female Pipe Swivel NPSM on Run to Male Pipe NPTF – Tee
60248— OR	O-Rings for Straight Thread Boss Fittings
60250— MB-PLUG	Male O-Ring Boss Plug
60261— MB-FP	Male O-Ring Boss to Female O-Ring Boss
60265— MB-MP	Male O-Ring Boss to Male Pipe NPTF
60275— MB-FP	Male O-Ring Boss to Female Pipe NPTF
60280— MB-FP90	Male O-Ring Boss to Female Pipe NPTF – 90°
60281— MB-FP90L	Male O-Ring Boss to Female Pipe NPTF – 90° – Long
60285— MB-FPX	Male O-Ring Boss to Female Pipe Swivel NPTF
60287— MB-FPX45	Male O-Ring Boss to Female Pipe Swivel NPTF – 45°
60289— MB-FPX90	Male O-Ring Boss to Female Pipe Swivel NPTF – 90°
60291— FB-MP	Female O-Ring Boss to Male Pipe NPTF
60301— MB-MJ	Male O-Ring Boss to Male JIC 37° Flare
60308— MB-MJ45	Male O-Ring Boss to Male JIC 37° Flare – 45°
60312— MB-MJ90	Male O-Ring Boss to Male JIC 37° Flare – 90°
60350— MJ-MJ-MB	Male JIC 37° Flare on Run to Male O-Ring Boss – Tee
60352— MB-MJ-MJ	Male O-Ring Boss to Male JIC 37° Flare to Male JIC 37° Flare – Tee
60394— TS	Tube Sleeve
60395— TSN	Tube Sleeve Nut
60399— LN	Locknuts for Bulkhead Fittings
60401— FJ-CAP	Female JIC 37° Flare Cap
60402— MJ-PLUG	Male JIC 37° Flare Plug
60405— MJ-FBO	Male JIC 37° Flare to Female Braze-On
60410— MJ-MJ	Male JIC 37° Flare to Male JIC 37° Flare
60417— MJ-MJ90	Male JIC 37° Flare to Male JIC 37° Flare – 90°
60420— MJ-FJ	Male JIC 37° Flare to Female JIC 37° Flare
60421— MJ-FJX	Male JIC 37° Flare to Female JIC 37° Flare Swivel
60422— MJ-FJX90	Male JIC 37° Flare to Female JIC 37° Flare – 90°
60424— MJ-FJX45	Male JIC 37° Flare to Female JIC 37° Flare – 45°
60445— MJ-BKHD	Male JIC 37° Flare to Male JIC 37° Flare Bulkhead
60446— MJ-BKHD45	Male JIC 37° Flare to Male JIC 37° Flare Bulkhead – 45°
60447— MJ-BKHD90	Male JIC 37° Flare to Male JIC 37° Flare Bulkhead – 90°
60469— MJ-MJ-MJ	Male JIC 37° Flare – Tee
60470— MJ-MJ-FJX	Male JIC 37° Flare on Run to Female JIC 37° Flare Swivel – Tee
60471—MJ-MJ-MJBKHD	Male JIC 37° Flare on Run to Male JIC 37° Flare Bulkhead – Tee
60472— MJ-MJBKHD-MJ	Male JIC 37° Flare to Male JIC 37° Flare Bulkhead to Male JIC 37° Flare – Tee
60473— MJ-FJX-MJ	Male JIC 37° Flare to Female JIC 37° Flare Swivel to Male JIC 37° Flare – Tee
60490— MJ-MP	Male JIC 37° Flare to Male Pipe NPTF
60497— MJ-MP45	Male JIC 37° Flare to Male Pipe NPTF – 45°
60499— MJ-MP90	Male JIC 37° Flare to Male Pipe NPTF – 90°
60510— MJ-FP	Male JIC 37° Flare to Female Pipe NPTF
60514— MJ-FP90	Male JIC 37° Flare to Female Pipe NPTF – 90°
60520— FJX-MP	Female JIC 37° Flare Swivel to Male Pipe NPTF
60524— FJX-MP90	Female JIC 37° Flare Swivel to Male Pipe NPTF – 90°
60530— FJX-FP	Female JIC 37° Flare Swivel to Female Pipe NPTF
60541— MJBKHD-MP	Male JIC 37° Flare Bulkhead to Male Pipe NPTF
60551— MJ-MJ-MP	Male JIC 37° Flare on Run to Male Pipe NPTF – Tee
60593— DCN-	Double Compression – Steel (part of brass line)
60594— DCN-MP	Double Compression to Male Pipe NPTF Steel (part of brass line)
60595— DCN-MP90	Double Compression to Male Pipe NPTF – 90° – Steel (part of brass line)
60596— T-MIXN-S	Steel Tubing Male Inverted Swivel Nut – Steel (part of brass line)
60597— T-MIXN-SL	Steel Tubing Male Inverted Swivel Nut – Long (part of brass line)
60599— T-MIXN-B	Brass Tubing Male Inverted Swivel Nut – Long (part of brass line)
60650— MS-MP	Male SAE 45° Flare to Male Pipe NPTF – Brass
60654— MS-MP90	Male SAE 45° Flare to Male Pipe NPTF – Brass – 90°
60660— MS-FP	Male SAE 45° Flare to Female Pipe NPTF – Brass
60664— MS-FP90	Male SAE 45° Flare to Female Pipe NPTF – Brass –90°

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Gates Global Part Numbering System — Adapters (Continued)

Thread Configurations (Continued)

60698— ORFF — O-Rings for Flat Face Fittings
60701— FF-CAP — Female Flat-Face O-Ring Cap
60702— MFFOR-PLUG — Male Flat-Face O-Ring Plug
60724— MFFOR-FFORX90 — Male Flat-Face O-Ring to Female Flat-Face Swivel–90°
60742— MFFOR-MFFOR-FFORX — Male Flat-Face O-Ring on Run to Female Flat-Face Swivel – Tee
60770— MFFOR-MP — Male Flat-Face O-Ring to Male Pipe NPTF
60800— MFFOR-MB — Male Flat-Face O-Ring to Male O-Ring Boss
60801— MFFOR-MBL — Male Flat-Face O-Ring to Male O-Ring Boss – Long
60805— MFFOR-MB45 — Male Flat-Face O-Ring to Male O-Ring Boss – 45°
60810— MFFOR-MB90 — Male Flat-Face O-Ring to Male O-Ring Boss – 90°
60820— MFFOR-MFFOR-MB — Male Flat-Face O-Ring on Run to Male O-Ring Boss – Tee
60821— MFFOR-MB-MFFOR — Male Flat-Face O-Ring to Male O-Ring Boss to Male Flat-Face O-Ring – Tee
60880— FFORX-MJ — Female Flat-Face O-Ring Swivel to Male JIC 37° Flare
60897— FL-CAP — Code 61 O-Ring Flange Cap
60898— FLOR — O-Rings for Code 61, Code 62 and Caterpillar-Style Flange Fittings
60899— CFHS — Flange Half Set (Code 61 – SAE J518)
60900— FL-MJ — Code 61 O-Ring Flange to Male JIC 37° Flare
60901— FL4K-MJ / FL5K-MJ — Code 61 O-Ring Flange to Male JIC 37° Flare High Pressure
60905— FL-MJ45 — Code 61 O-Ring Flange to Male JIC 37° Flare – 45°
60906— FL4K-MJ45/ FL5K-MJ45 — Code 61 O-Ring Flange to Male JIC 37° Flare High Pressure – 45°
60910— FL-MJ90 — Code 61 O-Ring Flange to Male JIC 37° Flare – 90°
60911— FL4K-MJ90 / FL5K-MJ90 — Code 61 O-Ring Flange to Male JIC 37° Flare High Pressure – 90°
60915— FL4K-MFFOR / FL5K-MFFOR — Code 61 O-Ring Flange to Male Flat-Face O-Ring High Pressure
60920— FL4K-MFFOR45 / FL5K-MFFOR45 — Code 61 O-Ring Flange to Male Flat-Face O-Ring High Pressure – 45°
60925— FL4K-MFFOR90 / FL5K-MFFOR90 — Code 61 O-Ring Flange to Male Flat-Face O-Ring High Pressure – 90°
60927— FLH-CAP — Code 62 O-Ring Flange Cap
60928— 20FLHCM
60929— FHHS — Flange Half Set (Code 62 – SAE J518)
60930— FLH6K-MJ — Code 62 O-Ring Flange Heavy to Male JIC 37° Flare (6,000 PSI)
60935— FLH6K-MJ45 — Code 62 O-Ring Flange Heavy to Male JIC 37° Flare – 45° (6,000 PSI)
60940— FLH6K-MJ90 — Code 62 O-Ring Flange Heavy to Male JIC 37° Flare - 90° (6,000 PSI)
60945— FLH6K-MFFOR / FLH6K-MFFOR — Code 62 O-Ring Flange Heavy to Male Flat-Face O-Ring (6,000 PSI)
60950— FLH4K-MFFOR45 / FLH6K-MFFOR45 — Code 62 O-Ring Flange Heavy to Male Flat-Face O-Ring - 45° (6,000 PSI)
60955— FLH4K-MFFOR90 / FLH6K-MFFOR90 — Code 62 O-Ring Flange Heavy to Male Flat-Face O-Ring - 90° (6,000 PSI)
60959— CATFHS — Caterpillar-Style Flange Halve Sets

British Conversion

62150— MBSPT-MJ — Male British Standard Pipe Tapered Thread to Male JIC 37° Flare
62153— MBSPT-MJ45 — Male British Standard Pipe Tapered Thread to Male JIC 37° Flare – 45°
62155— MBSPT-MJ90 — Male British Standard Pipe Tapered Thread to Male JIC 37° Flare – 90°
62200— MBSPP-MP — Male British Standard Pipe Parallel to Male Pipe NPTF
62220— MBSPP-FP — Male British Standard Pipe Parallel to Female Pipe NPTF
62300— MBSPP-MJ — Male British Standard Pipe Parallel to Male JIC 37° Flare
62305— MBSPP-MJ45 — Male British Standard Pipe Parallel to Male JIC 37° Flare – 45°
62310— MBSPP-MJ90 — Male British Standard Pipe Parallel to Male JIC 37° Flare – 90°
62320— MBSPP-FJX — Male British Standard Pipe Parallel to Female JIC 37° Flare Swivel
62450— MBSPPOR-MJ — Male British Standard Pipe Parallel with O-Ring to Male JIC 37° Flare
62460— MBSPPOR-MJ90 — Male British Standard Pipe Parallel with O-Ring to Male JIC 37° Flare – 90°
62470— MBSPPOR-MFFOR — Male British Standard Pipe Parallel with O-Ring to Male Flat-Face O-Ring
62473— MBSPPOR-MFFOR45 — Male British Standard Pipe Parallel with O-Ring to Male Flat-Face O-Ring – 45°
62475— MBSPPOR-MFFOR90 — Male British Standard Pipe Parallel with O-Ring to Male Flat-Face O-Ring – 90°
62500— FBSPP-MP — Female British Standard Pipe Parallel to Male Pipe NPTF
62520— FBSPP-FP — Female British Standard Pipe Parallel to Female Pipe NPTF
62550— FBSPP-MJ — Female British Standard Pipe Parallel to Male JIC 37° Flare
62605— FBSPPX-MP90 — Female British Standard Pipe Parallel Swivel to Male Pipe NPTF – 90°
62650— FBSPPX-MJ — Female British Standard Pipe Parallel Swivel to Make JIC 37° Flare
62660— FBSPPX-FJX — Female British Standard Pipe Parallel Swivel to Female JIC 37° Flare Swivel
62750— FBSPPX-MJ — Female British Standard Pipe Parallel Swivel to Male JIC 37° Flare
62801— FBFFOR-MJ — Female British Flat-Face O-Ring to Male JIC 37° Flare

Metric Conversion

63099— MM-PLUG — Male Metric O-Ring Plug
63120— MM-FP — Male Metric with O-Ring to Female Pipe NPTF
63150— MM-MJ — Male Metric with O-Ring to Male JIC 37° Flare
63160— MM-MJ90 — Male Metric with O-Ring to Male JIC 37° Flare – 90°
63350— MDL-MJ — Male DIN 24° Cone – Light Series to Male JIC 37° Flare
63450— FDLX-MJ — Female DIN 24° Cone Swivel – Light Series to Male JIC 37° Flare
63650— MDH-MJ — Male DIN 24° Cone – Heavy Series to Male JIC 37° Flare
63750— FDHX-MJ — Female DIN 24° Cone Swivel – Heavy Series to Male JIC 37° Flare
63980— MKB-PLUG — Male Kobelco Plug
63990— MKB-MJ — Male Kobelco to Male JIC 37° Flare
63911— FL5K-MDH90 — Code 61 O-Ring to Male DIN Heavy – 90°

International Conversion

64075— BBDS — British Bonded Seal
64094— MBSPOR-PLUG — Male British Standard Pipe Parallel with O-Ring Plug
64095— ORFBSPP — O-Rings for British Standard Parallel Pipe (BSPP Couplings)
64097— FBSPP-CAP — Female British Standard Pipe Parallel Cap
64098— MBSPT-PLUG — Male British Standard Pipe Tapered Plug
64099— MBSPP-PLUG — Male British Standard Pipe Parallel Plug
64350— MBSPP-FBSPPX — Male British Standard Pipe Parallel to Female British Standard Pipe Parallel Swivel
64775— MBDS — Metric Bonded Seal
64780— ORDINL — O-Rings for DIN Light Series (MegaCrimp® and GlobalSpiral™ Couplings)
64781— ORDINH — O-Rings for DIN Heavy Series (MegaCrimp® and GlobalSpiral™ Couplings)
64782— ORDIN — O-Rings for DIN Heavy Series (PC, PCM & PCS Couplings)
64787— BS — Metric Bite Sleeve
64788— MNL — Metric Bite Nut – Light
64789— MNH — Metric Bite Nut – Heavy
64790— MM-PLUG — Male Metric Plug
64792— MDL-PLUG — Male DIN 24° Cone – Light Series Plug
64793— FDL-CAP — Female DIN 24° Cone – Light Series Cap
64794— MDH-PLUG — Male DIN 24° Cone – Heavy Series Plug
64795— FDH-CAP — Female DIN 24° Cone – Heavy Series Cap

Japanese Conversion

65097— FJIS-CAP — Female Japanese Industrial Standard Cap
65099— MJIS-PLUG — Male Japanese Industrial Standard Plug
65100— FJIS-MJ — Female Japanese Industrial Standard to Male JIC° Flare
65931— FJIS- — Female Japanese Industrial Standard to Male JIC° 45° Flare
65932— FJIS- — Female Japanese Industrial Standard to Male JIC° 90° Short Drop Flare
65933— FJIS- — Female Japanese Industrial Standard to Male JIC° 90° Medium Drop Flare
65934— FJIS- — Female Japanese Industrial Standard to Male JIC° 90° Long Drop Flare
65597— FK-CAP — Female Komatsu Cap
65599— MK-PLUG — Male Komatsu Plug
65600— FK-MJ — Female Komatsu to Male JIC 37° Flare
65700— MK-MK — Male Komatsu to Male Komatsu
65750— MK-MJ — Male Komatsu to Male JIC 37° Flare
65800— MK-FK90 — Male Komatsu to Female Komatsu – 90°
65950— MK-FK-MK — Male Komatsu to Female Komatsu to Male Komatsu – Tee

Gates Global Part Numbering System
High Pressure Live Swivels

Gates Live Swivels feature a meaningful part number that makes coupling identification fast and easy.

G93510-0808

- G93 — Live Swivel
- 510 — Body & Thread Style
- 08 — Thread Size
- 08 — Thread Size

Body & Thread Indentification

345	MBSPP to MBSPP	Male British Standard Pipe Parallel - Male British Standard Pipe Parallel
410	MJ to MJ	Male 37º Flare - Male 37º Flare
450	MJ to FB/FJ	MALE JIC - FEMALE O-Ring Boss/FEMALE JIC
500		JIC Seal kit
510	MJ to FP	Male 37º Flare - Female Pipe
600		O-Ring Seal Kit
700		British Standard Pipe Parallel Seal Kit
724	MFFOR to FFORX	Male Flat Face O-Ring - Female Flat Face O-Ring
742	MFFOR to MFFOR	Male Flat Face O-Ring - Male Flat Face O-Ring

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
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ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Gates Global Part Numbering System Quick Disconnect Couplers

Gates Quick Disconnect couplers feature a meaningful part number that makes coupling identification fast and easy. Always refer to Gates Cross Reference Charts when selecting a quick disconnect coupler for a competitive interchange.

G94021-0808 D

- **G94** — Coupling Series (Quick Disconnect)
- **0** — Body & Thread Style
- **2** — Body & Thread Style
- **1** — Body & Thread Style
- **0808** — Nominal Coupling Size
- **08** — Thread Size
- **D** — Letter Optional– (Double Acting Sleeve)

Body Style Identification

0 Assembly
1 Male Tip (Nipple)
2 Female Coupler
3 Repair Kit
5 O-Ring
6 Backup Ring
8 Dust Plug
9 Dust Cap

Thread Style

0 Not Applicable
1 Female Pipe
2 Female O-Ring Boss
3 Bulkhead Mounts
4 Female British Parallel Pipe

Miscellaneous

D Double-Acting Sleeve
P Connect-Under-Pressure Option

Coupling Series Indentification

G940 Series - Agricultural Standard—Ball Valve

MQBA	Male Quick Disconnect Ball Agricultural
FQBA(DA)	Female Quick Disconnect Ball Agricultural (Double Acting Sleeve)

G941 Series - Agricultural Standard—Poppet Valve

MQPA	Male Quick Poppet Agricultural
FQPA	Female Quick Poppet Agricultural

G942 Series - John Deere Old Style

MQBAJD	Male Quick Ball Agricultural John Deere
FQBAJD	Female Quick Ball Agricultural John Deere

G943 Series - International Harvester Old Style

MQBAIHC	Male Quick Ball Agricultural International Harvester

G944 Series - J.I. Case Old Style

MQBAJIC	Male Quick Ball Agricultural J.I. Case

G945 Series - Industrial ISO 7241-1—Series B

MQPI	Male Quick Poppet Industrial
FQPI	Female Quick Poppet Industrial

G949 Series - Flush Face, HTMA

MQFF	Male Quick Flush Face
FQFF	Female Quick Flush Face

G950 Series - High Pressure Flush Face

MQFFH	Male Quick Flush Face (High Pressure)
FQFFH	Female Quick Flush Face (High Pressure)

G951 Series - Wing Nut

MQW	Male Quick Wing
FQW	Female Quick Wing

G952 Series - High Pressure Wing Nut

MQWH	Male Quick Wing (High Pressure)
FQWH	Female Quick Wing (High Pressure)

G953 Series - Very High Pressure Flush Face

MQFFVH	Male Quick Flush Face (Very High Pressure)
FQFFVH	Female Quick Flush Face (Very High Pressure)

G956 Series - Industrial ISO 7241-1—Series A

MQP	Male Quick Poppet
FQP	Female Quick Poppet

G959 Series - Agricultural Adapters

MJD	John Deere Old Style
MISO	ISO Style
MIHC	International Harvester Style

Miscellaneous

DA	Double Acting Sleeve
ISO	Industrial Standards Organization
DP	Dust Plug
DC	Dust Cap
DSO	Double Shut Off
FP	Female Pipe
FB	Female O-Ring Boss
QDAOR	G940 Series O-Ring for Female Coupler
QDIBR	G945 Series Backup Ring for Female Coupler
QDIOR	G945 Series O-Ring for Female Coupler
QDOR	G956 Series O-Ring for Female Coupler
QDBR	G956 Series Backup Ring for Female Coupler

Gates Global Part Numbering System High Pressure Ball Valves

Gates Ball Valves feature a meaningful part number that make valve identification fast and easy.

G96210-0808

Coupling Series	Body & Thread Style	Thread Size	Thread Size
(Ball Valve, see below)			

Body & Thread Indentification

110 – FP-FPBV	Female Pipe to Female Pipe Ball Valve
115 – FB-FBBV	Female Boss to Female Boss Ball Valve
120 – FP-FPBV	Female Pipe to Female Pipe Ball Valve
210 – FP-FP-FPBV	Female Pipe to Female Pipe to Female Pipe Ball Valve
211 – FP-FP-FPBV	Female Pipe to Female Pipe to Female Pipe Ball Valve
300 – FL-FLBV	Flange to Flange Ball Valve (Code 61)
310 – FL-FLBV	Flange to Flange Ball Valve (Code 61)
350 – FLH-FLHBV	Flange Heavy to Flange Heavy Ball Valve (Code 62)
355 – FLH-FLHBV	Flange Heavy to Flange Heavy Ball Valve (Code 62)

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
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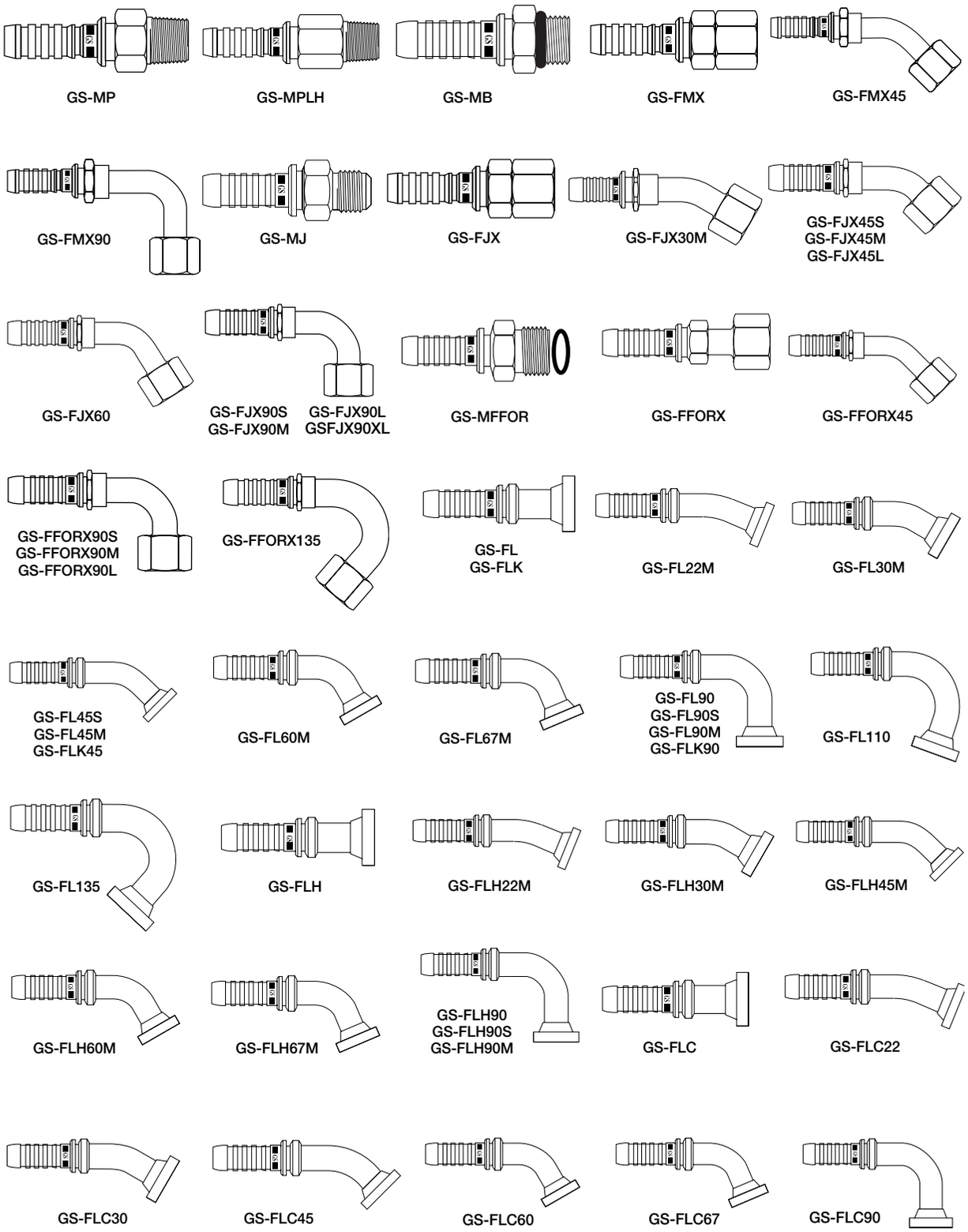
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Coupling/Thread Configurations

GlobalSpiral™ (GS) Couplings

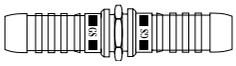
for EFG6K, G6K, EFG5K, G5K, EFG4K, G4K, EFG3K, and G3K Hose



Coupling/Thread Configurations

GlobalSpiral™ (GS) Couplings

for EFG6K, G6K, EFG5K, G5K, EFG4K, G4K, EFG3K and G3K Hose (Continued)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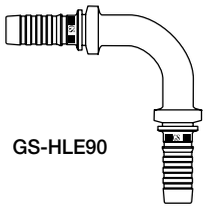
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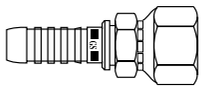
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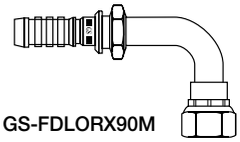
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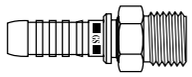
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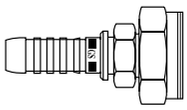
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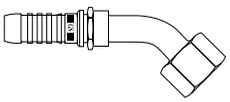
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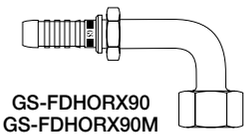
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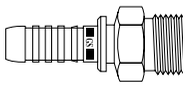
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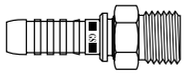
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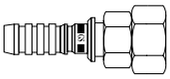
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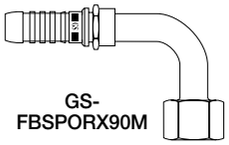
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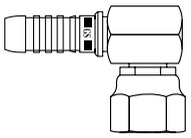
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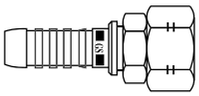
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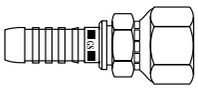
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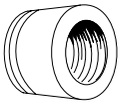
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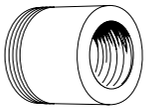
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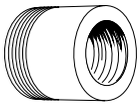
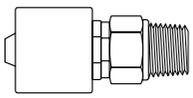

GSIF-6

GlobalSpiral™ (GS) Couplings –
One-Piece Couplings for Use with MobileCrimp® Crimpers

for EFG6K, G6K, EFG5K, G5K, EFG4K, G4K, EFG3K and G3K Hose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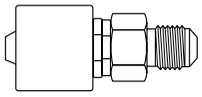
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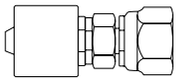
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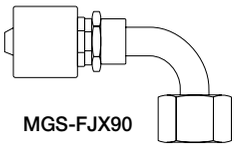
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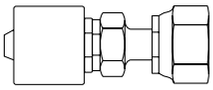
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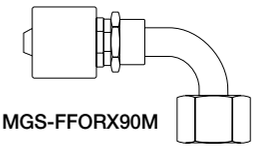
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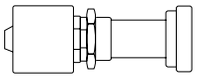
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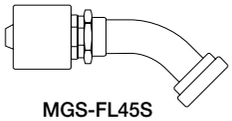
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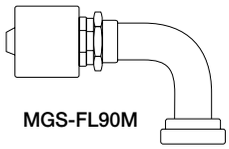
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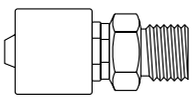
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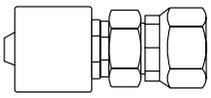
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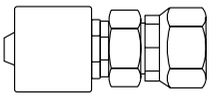
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EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
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LOW PRESSURE COUPLINGS
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POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
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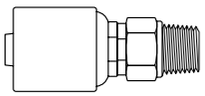
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

MegaCrimp® Couplings
for High and Medium Pressure Hoses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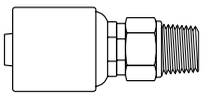
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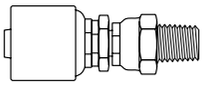
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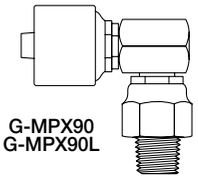
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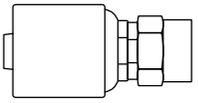
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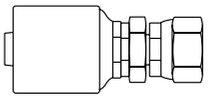
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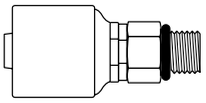
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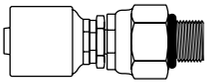
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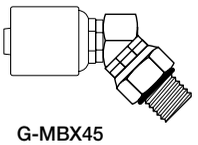
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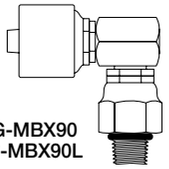
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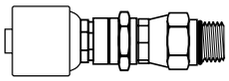
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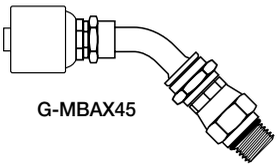
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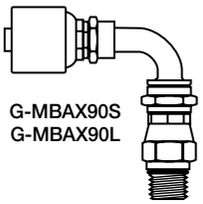
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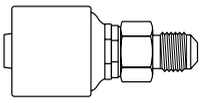
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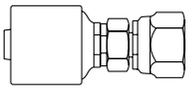
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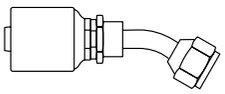
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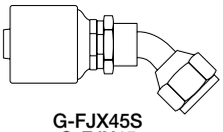
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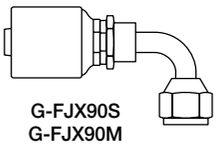
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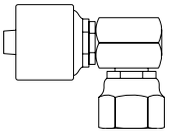
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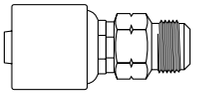
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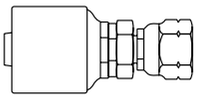
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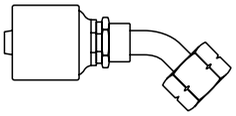
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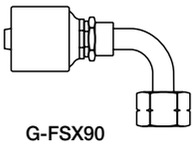
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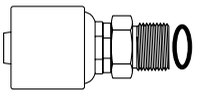
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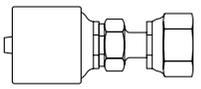
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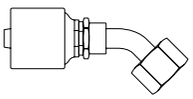
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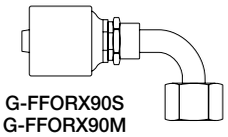
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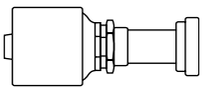
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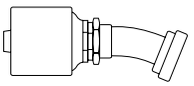
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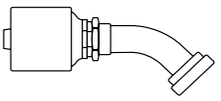
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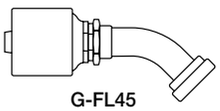
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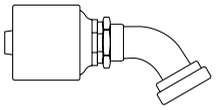
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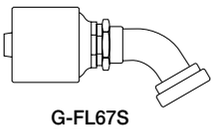
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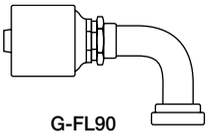
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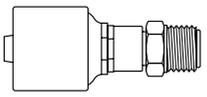
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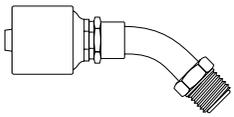
Coupling/Thread Configurations

MegaCrimp® Couplings

for High and Medium Pressure Hoses (Continued)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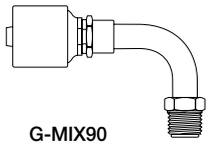
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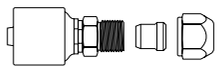
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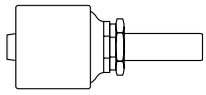
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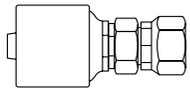
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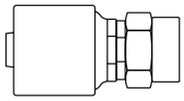
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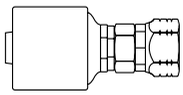
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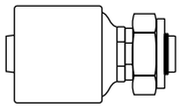
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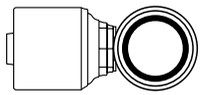
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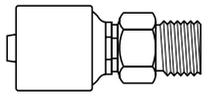
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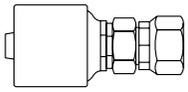
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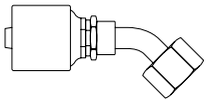
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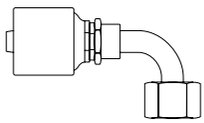
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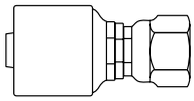
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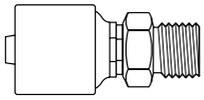
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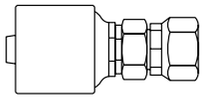
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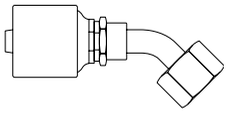
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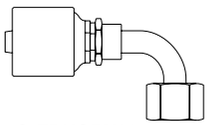
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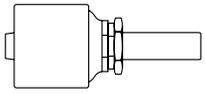
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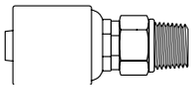
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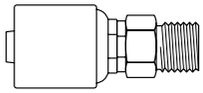
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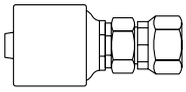
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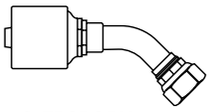
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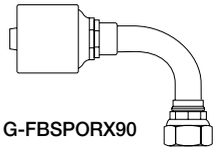
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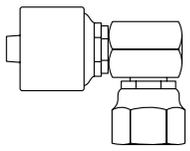
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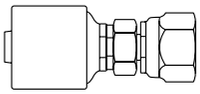
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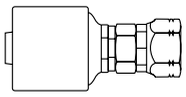
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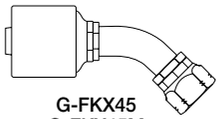
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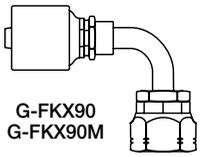
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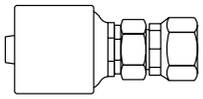
G-FJISX

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

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PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
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BALL VALVES
KITS

Chemical Resistance Ratings for Gates Hose Polymers, Couplings and Adapter Materials

The Chemical Resistance Table lists the relative resistance of hose and coupling materials to more common chemicals. These ratings do not cover all possible variations of all factors, such as temperature, concentration, degradation or fluid contamination, etc. Testing under actual conditions is the best way to ensure chemical compatibility for critical applications.

For specific information, contact Gates Hose/ Connector Product Application, Denver, Colorado.

Rating Scale

"1"	Excellent resistance
"2"	Good resistance
"X"	Not recommended
"—"	Testing recommended

How to Use the Chemical Resistance Table

1. Chemicals are listed alphabetically.
2. Find the hose, coupling and adapter material type that has a resistance rating of "1" or "2" (See Rating Scale).
3. Find hose(s) with compatible polymer(s) in the Gates Hydraulic Hose Selection Guide.
4. Look for compatible couplings for the selected hose(s) by following the hose page references in the Selection Guide.

NOTE: O-Rings used with couplings also must be considered for chemical compatibility with the fluid to be conveyed. This includes couplings containing internal O-rings; for example, MPX (Male Pipe Swivel). Gates standard O-ring is made of Nitrile. If O-rings other than Nitrile are required, contact Gates Denver.

Chemical Resistance Table

Rating Scale:
1 Excellent
2 Good resistance
X Not recommended
– Testing recommended

Chemical Name	Gates Hose Polymers (Trade Names) A: Neoprene	C: Nitrile	C_2: Nitrile/PVC	J: CPE	J: Hypalon	Z: Urethane (cover rating only)	Z: PTFE	Z: Nylon	Couplings & Adapters: Carbon Steel	Stainless Steel 304	Stainless Steel 316	Aluminum	Brass
A													
Absorption Oil	2	1	2	1	2	-	1	1	-	-	-	-	1
Acetaldehyde	X	X	X	-	X	1	1	2	1	1	1	1	1
Acetamide	1	2	-	-	-	X	1	-	-	-	-	-	-
Acetic Acid, 5-20%	2	X	2	1	2	X	1	1	X	2	2	2	X
Acetic Acid, 25%	2	X	2	1	2	-	1	X	X	2	2	2	X
Acetic Acid, 30%	2	X	-	1	-	-	1	2	X	2	1	2	X
Acetic Acid, 50%	2	X	2	1	-	-	1	2	X	2	2	2	X
Acetic Acid, 50% Boiling	X	X	-	-	-	-	1	X	X	X	2	-	-
Acetic Acid, 80%	X	X	-	-	-	-	1	X	X	2	2	2	X
Acetic Acid, 80% Boiling	X	X	-	-	-	-	1	X	X	X	2	X	X
Acetic Acid, 100%	X	X	-	-	-	-	1	X	X	X	2	2	X
Acetic Acid, 100% Boiling	X	X	-	-	-	X	1	X	X	X	2	-	X
Acetic Acid, 100% (Hot) Vapors	2	2	-	-	-	-	-	X	X	X	2	2	X
Acetic Acid, Air Free	-	-	-	-	-	-	1	-	X	X	X	-	X
Acetic Acid, Anhydride	X	X	X	1	2	-	1	X	X	2	2	2	X
Acetic Acid, Areated	-	-	-	-	-	-	1	-	X	X	X	-	X
Acetic Acid, Crude	X	X	-	-	-	-	1	1	X	2	1	2	X
Acetic Acid, Glacial	X	X	X	1	X	X	1	X	X	2	2	2	-
Acetone (Dimethylketone)	X	X	X	1	X	X	1	1	1	1	1	1	1
Acetonitrile (Methyl Cyanide)	2	X	2	1	2	-	-	-	-	-	-	-	-
Acetylene	2	2	1	1	-	-	1	1	1	1	1	1	2
Acrylonitrile (Vinyl Cyanide)	X	X	X	1	X	-	-	-	1	1	1	2	1
Aero Lubriplate	1	1	-	-	-	-	-	-	1	1	1	1	-
Aero-Safe 2300	X	X	-	-	-	X	-	-	1	1	1	1	1
Aeroshell Type 1A, 1AC, 4	2	1	-	-	-	1	-	-	-	-	-	-	-
Aeroshell 7AGrease	2	1	-	-	-	X	-	-	1	1	1	1	-
Aeroshell 17 Grease	2	1	-	-	-	X	-	-	1	1	1	1	-
Aeroshell 750	X	2	-	-	-	X	-	-	1	1	1	1	-
Air, Ambient	1	1	1	1	1	1	1	1	1	1	1	1	1
Air, 150°F	1	1	1	1	1	1	1	1	1	1	1	1	1
Air, 180°F	2	2	2	1	2	2	1	1	1	1	1	1	1
Air, 200°F	X	X	X	1	X	2	1	2	1	1	1	1	1
Aircraft Hyd. Oil AA	-	1	-	-	-	-	-	-	1	1	1	1	1
Alcohol	1	1	-	-	-	-	1	-	1	1	1	1	1
Alcohol, Amyl	2	2	-	-	-	-	1	1	-	2	1	2	-
Alcohol, Benzyl	X	X	-	1	2	2	1	-	1	1	1	-	-
Alcohol, Butyl	2	X	2	-	2	1	1	1	1	1	1	1	1
Alcohol, Denatured	1	1	-	-	1	-	1	1	1	1	1	1	1
Alcohol, Diacetone	-	X	-	-	2	-	1	-	1	1	1	1	1
Alcohol, Ethyl (Ethanol)	1	1	1	1	1	2	1	1	1	1	1	1	2
Alcohol, Furfural	2	X	X	1	2	-	1	-	2	1	1	1	1
Alcohol, Hexyl (Hexanol)	2	1	-	-	X	-	1	-	1	1	1	1	2
Alcohol, Isobutyl	2	2	-	-	1	-	1	1	1	1	1	1	2
Alcohol, Isopropyl (Isopropanol)	2	2	2	-	2	2	1	1	1	1	1	1	2
Alcohol, Methyl (100%) (Methanol)	1	1	1	1	1	-	1	1	1	1	1	1	2
Alcohol, Methyl (6%)	1	1	1	-	1	-	1	1	1	1	1	1	2
Alcohol, Octyl	2	2	-	-	-	-	1	1	1	1	1	1	-
Alcohol, Propyl	1	1	-	-	-	-	1	X	2	1	1	1	1
Alkazene	X	X	X	-	X	X	-	-	1	1	-	-	-
Aluminum Chloride	1	1	1	1	1	2	1	X	X	2	2	X	X
Aluminum Fluoride	1	1	1	1	1	2	1	X	X	2	2	2	X
Aluminum Hydroxide	1	1	1	1	1	-	1	1	-	1	1	-	1
Aluminum Hydroxide, Saturated	1	1	-	-	-	-	1	1	-	1	1	-	-
Aluminum Nitrate	1	1	1	1	1	2	1	-	X	1	1	2	-
Aluminum Sulfate	1	1	1	1	1	X	1	1	X	X	2	X	X
Alums (Ammonium or Potassium)	1	1	1	1	1	-	1	-	X	2	2	X	X
Ammonia, Aqueous	1	2	1	-	1	-	1	1	-	1	1	-	X
Ammonium Carbonate	2	X	-	-	-	-	-	-	1	1	1	-	-
Ammonium Chloride, 1%	X	2	1	1	1	1	1	1	X	2	2	X	X
Ammonium Chloride, 10% Boiling	X	X	-	-	-	-	1	X	X	2	2	X	X
Ammonium Chloride, 28% Boiling	X	X	-	-	-	-	1	X	X	2	2	X	X
Ammonium Chloride, 50% Boiling	X	X	-	-	-	-	1	X	X	2	2	X	X
Ammonium Hydroxide	2	2	2	1	1	X	1	1	2	1	1	-	X
Ammonium Hydroxide, 3 Molar	1	X	-	-	-	2	1	-	X	2	2	X	X
Ammonium Hydroxide, Concentrated	1	X	-	1	-	X	1	1	X	2	2	X	X
Ammonium Metaphosphate	2	2	2	-	2	-	1	-	1	1	1	X	-
Ammonium Nitrate, Fertilizer	1	2	1	1	1	1	1	X	1	1	1	2	X
Ammonium Nitrite	1	1	-	-	-	-	-	1	2	1	1	X	-
Ammonium Persulfate	X	X	X	1	-	X	-	X	X	2	2	X	X
Ammonium Persulfate, 5%	1	X	-	-	-	-	-	X	X	2	2	X	X
Ammonium Persulfate, 10%	1	X	-	-	-	X	-	X	X	2	2	X	X
Ammonium Phosphate (Mono, Di, Tri, Basic)	1	1	1	1	1	1	1	2	X	2	2	X	-
Ammonium Sulfate	1	2	1	1	1	1	1	X	X	X	2	X	X
Ammonium Thiocyanate	1	1	-	1	1	-	1	-	1	1	1	-	-
Amyl Acetate	X	X	X	2	X	2	1	1	X	1	1	X	2
Amyl Alcohol	2	2	2	1	-	-	1	1	1	1	1	1	1
Amyl Borate	2	2	2	-	-	-	-	-	-	-	-	-	-
Amyl Chloride	X	-	X	2	X	-	1	2	-	1	1	-	-
Amyl Chloronaphthalene	X	X	X	-	X	-	1	-	-	1	1	-	-
Amyl Naphthalene	X	X	X	-	X	-	1	-	-	1	1	-	-
Amyl Phenol	-	-	-	-	-	-	1	-	-	1	1	-	-
AN-0-3 Grade M	1	1	-	-	-	-	-	-	-	-	-	-	-
AN-0-6	1	1	-	-	-	-	-	-	-	-	-	-	-
AN-0-366	1	1	-	-	-	-	-	-	-	-	-	-	-
Anderol, L-774 (Diester)	X	2	-	-	-	-	1	X	-	-	-	-	-
Anderol, L-826 (Diester)	X	2	-	-	-	-	1	X	-	-	-	-	-
Anderol, L-829 (Diester)	X	2	-	-	-	-	1	X	-	-	-	-	-
ANG-25 (Glyceral Ester)	2	2	-	-	-	-	1	2	-	-	-	-	-
ANG-25 (Diester Base, TG749)	X	2	-	-	-	-	1	X	1	1	1	1	-
Aniline	X	X	X	2	X	X	1	2	2	1	1	X	X
Aniline Dyes	X	X	-	2	-	-	1	X	2	1	1	2	X
Aniline Hydrochloride	X	X	-	2	-	-	1	-	X	1	1	-	-
Animal Gelatin	1	1	-	1	-	-	1	-	-	1	1	-	-
Animal Fats	2	1	-	1	-	-	1	1	1	1	1	1	X
Animal Oil (Lard Oil)	2	1	-	1	-	-	1	-	1	1	1	1	-
Antifreeze, Alcohol Base	2	2	2	2	2	-	1	-	1	1	1	1	-
Antifreeze, Glycol Base	2	1	1	1	1	-	1	1	1	1	1	1	1
Antimony Chloride, 50%	-	1	-	-	-	-	1	X	X	X	X	-	-
AN-VV-0-366B Hydraulic Fluid	1	-	-	-	-	-	-	2	-	-	-	-	-
Aqua Regia (Concentrated)	X	X	X	2	X	X	1	X	X	X	X	X	-
Arco A.T.F. Dexron	-	1	-	-	-	-	-	-	-	-	-	-	-
Arco C2, 100	-	1	-	-	-	-	-	-	-	-	-	-	-
Aromatic Fuel 30%, Mil.	-	-	-	-	-	-	1	-	-	-	-	-	-
Aromatic Fuel 50%	X	2	-	-	-	-	1	-	-	-	-	-	-
Aromatic Hydrocarbons	X	X	-	-	X	2	1	-	2	1	2	2	2
Arsenic Acid	-	-	-	1	-	-	1	-	2	-	1	2	-
Askarel, Transformer Oil	X	X	X	-	X	-	1	-	1	1	1	-	1
Asphalt, Under 180°F	2	2	2	X	X	1	1	-	1	1	1	-	2
Asphalt, Cut Back	X	2	2	-	X	1	1	1	1	1	1	2	2
Asphalt, Topping	1	X	-	-	-	-	1	-	1	1	1	-	-
ASTM Oil No.	1	1	1	1	1	2	1	1	1	1	1	1	1
ASTM Oil No.	2	2	1	-	2	-	1	1	1	1	1	1	1
ASTM Oil No. 3	X	1	X	X	X	-	1	1	1	1	1	1	1
ASTM Oil No. 4	X	2	-	-	-	-	1	-	1	1	1	1	-
ASTM Reference Fuel A	②	1	①	1	1	-	1	1	1	1	1	1	1
ASTM Reference Fuel B	②	1	2	2	X	-	1	-	1	1	1	1	1
ASTM Reference Fuel C	X	2	X	2	X	-	1	-	1	1	1	-	1
ATL-857	X	2	-	-	-	-	-	-	-	-	-	-	-
Atlantic Dominion F	2	1	-	-	-	-	-	-	-	-	-	-	-

○Cover stock rating only; Rating for tube stock "X" *Use Gates fuel hose or contact Denver Product Applications Department.

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STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Chemical Resistance Table

Rating Scale:
1 Excellent
2 Good resistance
X Not recommended
– Testing recommended

Chemical Name	Gates Hose Polymers (Trade Names) A: Neoprene	C: Nitrile	C_2: Nitrile/PVC	J: CPE	J: Hypalon	Z: Urethane (cover rating only)	Z: PTFE	Z: Nylon	Couplings & Adapters: Carbon Steel	Stainless Steel 304	Stainless Steel 316	Aluminum	Brass
Aurex 903R (Mobil)	2	1	-	-	-	-	-	-	-	-	-	-	-
Automatic Brake Fluid	2	X	-	-	-	-	1	-	1	1	1	1	-
Automatic Transmission Fluid - ATF	2	1	-	1	-	-	1	-	1	1	1	1	-
Aviation Gasoline, Mil.	-	2	-	-	-	-	-	-	1	1	1	1	-
B													
Baltic Types 100, 150, 200, 300, 500	-	1	-	-	-	-	1	-	-	-	-	-	-
Banvel, Concentrated (Ag Spray)	-	-	-	-	-	-	1	1	-	-	1	-	-
Bardol B	X	X	X	-	X	-	1	-	1	1	1	-	-
Barium Carbonate	1	1	1	1	1	-	1	1	2	1	1	X	1
Barium Chloride	X	1	1	1	1	1	1	1	X	2	2	X	2
Barium Chloride, 5%	X	1	-	-	-	-	1	X	2	1	1	X	-
Barium Chloride, Aqueous Solution (Hot)	X	1	-	-	-	-	1	X	2	2	2	X	-
Barium Hydroxide	1	1	1	1	1	X	1	1	X	1	1	X	X
Barium Sulfate	1	1	-	1	2	-	1	1	2	1	1	2	2
Barium Sulfate, Aqueous Solution (Hot)	X	-	-	-	-	-	1	X	2	1	1	2	-
Barium Sulfide	2	1	1	1	1	-	1	2	X	1	1	X	X
Bayol D	-	1	-	-	-	-	-	-	-	-	-	-	-
Bayol 35	-	1	-	-	-	-	-	-	-	-	-	-	-
Beet Sugar Liquors	X	1	1	1	1	X	1	-	2	2	2	2	X
Bellows 80-20 Hydraulic Oil	-	1	-	-	-	2	1	-	-	-	-	-	-
Benzaldehyde	X	X	X	2	X	1	1	1	1	1	1	1	1
Benzene, Benzol	X	X	X	X	X	2	1	1	1	1	1	1	1
Benzene Sulfonic Acid	X	-	-	-	-	-	1	-	X	-	2	X	-
Benzine, Petroleum Ether	X	2	X	1	-	2	1	-	1	1	1	1	1
Benzoic Acid 21°C (70°F)	X	X	X	1	-	-	1	-	1	1	1	1	1
Benzol	X	X	X	X	-	-	1	1	1	1	1	1	1
Benzyl Alcohol	X	X	-	1	-	-	1	X	1	1	1	1	-
Benzyl Benzoate	-	-	-	-	-	-	1	-	1	1	1	-	-
Benzyl Chloride	X	X	X	X	-	-	1	2	1	-	-	-	-
Biodiesel**	-	-	-	-	-	-	1	1	-	1	1	-	-
Bismuth Carbonate	X	-	-	-	-	-	1	-	1	1	1	-	-
Black Point 77	-	1	-	-	-	-	-	-	-	-	-	-	-
Black Sulfate Liquor	2	2	2	2	2	-	1	1	1	1	1	-	1
Blast Furnace Gas	X	X	X	-	X	X	1	-	1	1	1	2	1
Borax, Sodium Borate	X	2	2	1	1	1	1	X	2	1	1	X	2
Bordeaux Mixture	2	2	2	-	-	1	1	1	X	-	1	1	X
Boric Acid	1	1	1	-	1	1	1	X	X	2	2	1	X
Boron Fuels, HEF	X	X	-	-	-	-	-	-	-	-	-	-	-
Brake Fluid, Petroleum Base	2	1	2	1	X	-	1	-	1	1	1	-	1
Brake Fluid, Synthetic Base	X	X	X	1	X	-	1	1	1	1	1	1	1
Bray GG - 130	X	2	-	-	-	-	-	-	-	-	-	-	-
Brayco 719-r (VV-H-910)	2	X	-	-	-	-	-	-	-	-	-	-	-
Brayco 885 (MIL-L-6085A)	X	2	-	-	-	-	-	-	-	-	-	-	-
Brayco 910	2	2	-	-	-	-	-	-	-	-	-	-	-
Brine	1	1	1	1	-	-	1	1	2	1	1	-	2
Brom-113	X	2	-	-	-	-	-	-	-	-	-	-	-
Brom-114	2	2	-	-	-	-	-	-	-	-	-	-	-
Bromine, Dry	X	X	X	-	-	-	x	-	X	X	X	-	X
Bunker Oil	X	2	2	-	X	2	1	1	1	1	1	1	1
Butadiene	X	2	-	-	-	-	1	1	-	1	1	-	1
Butane	X	X	X	-	X	X	1	X	1	1	1	-	1
Butter Oil	2	-	-	-	-	-	1	-	1	1	1	1	1
Butyric Acid	X	-	-	1	-	-	1	X	X	1	1	-	2
Butyl Acetate	X	X	X	2	X	-	1	-	2	1	1	1	1
Butyl Alcohol	1	1	1	1	-	-	1	1	1	1	1	1	1
Butyl Amine	-	-	-	-	-	-	1	1	1	1	1	1	1
Butyl Carbitol	2	2	-	1	-	-	1	-	1	1	1	1	1
Butyl Mercaptan	-	-	-	-	-	-	1	-	-	1	1	1	-
Butyl Stearate	X	2	2	2	-	-	1	-	1	1	1	1	1
Butyraldehyde	X	X	-	2	-	-	1	-	-	-	-	-	1

○Cover stock rating only; Rating for tube stock "X"

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X Not recommended
– Testing recommended

Chemical Name	Gates Hose Polymers (Trade Names) A: Neoprene	C: Nitrile	C_2: Nitrile/PVC	J: CPE	J: Hypalon	Z: Urethane (cover rating only)	Z: PTFE	Z: Nylon	Couplings & Adapters: Carbon Steel	Stainless Steel 304	Stainless Steel 316	Aluminum	Brass
C													
Calcium Acetate	X	X	X	1	X	-	1	-	2	2	2	X	1
Calcium Arsenate	-	-	-	-	-	1	1	1	-	-	-	-	-
Calcium Bisulfate	1	1	2	1	1	-	1	-	-	2	1	-	X
Calcium Bisulfide	1	1	2	1	1	1	1	-	-	2	2	X	X
Calcium Bisulfite	1	1	1	1	1	-	1	1	X	1	1	1	X
Calcium Carbonate	1	1	1	1	1	1	1	1	2	1	1	X	1
Calcium Chlorate	1	1	1	-	1	-	1	-	2	2	1	1	-
Calcium Chloride	1	1	1	1	1	1	1	1	X	2	1	X	-
Calcium Hydroxide	1	2	2	1	1	X	1	-	X	X	1	-	2
Calcium Hydroxide, 10% Boiling	-	2	-	-	-	-	1	X	2	1	1	X	X
Calcium Hydroxide, 20% Boiling	-	-	-	-	-	-	1	X	-	1	1	X	X
Calcium Hydroxide, 50% Boiling	-	-	-	-	-	-	1	X	-	X	2	X	X
Calcium Hypochlorite, 5% (Under 100°F)	X	2	X	1	2	-	1	X	X	X	2	X	X
Calcium Hypochlorite, 15% (Under 100°F)	X	-	X	1	2	-	1	X	-	X	2	X	X
Calcium Nitrate	1	1	1	1	1	-	1	1	X	2	2	X	1
Calcium Silicate	-	2	-	1	2	-	1	-	1	1	1	1	1
Calcium Sulfate	1	1	1	1	1	-	1	-	2	1	1	2	1
Calcium Sulfide	1	2	-	1	-	-	1	2	2	1	1	2	-
Caliche Liquors	1	2	-	1	1	1	1	-	1	1	1	-	-
Cane Sugar Liquors	1	1	2	1	-	-	1	-	1	1	1	1	2
Carbolic Acid, Phenol	X	X	X	1	X	X	1	X	X	1	1	2	X
Carbon Dioxide, Dry	2	1	1	1	1	1	1	-	1	1	1	1	1
Carbon Dioxide, Wet	2	1	1	1	1	-	1	-	1	1	1	1	1
Carbon Disulfide	X	X	-	2	X	2	1	1	2	1	1	2	X
Carbon Monoxide, Under 150°F (Hot)	2	2	2	1	1	-	1	2	1	1	1	1	1
Carbon Tetrachloride, 5%-10%	-	-	-	-	-	-	1	-	-	X	-	-	-
Carbon Tetrachloride, Pure	X	X	X	2	X	X	1	X	X	X	2	2	2
Carbonic Acid	1	1	1	1	1	X	1	-	X	1	1	2	X
Castor Oil	2	2	2	1	2	2	1	1	1	1	1	1	1
Caustic Soda, 20%	2	X	X	1	1	X	1	2	2	1	1	X	X
Caustic Soda, 50%	2	X	X	1	1	X	1	2	2	1	1	X	X
Cellosolve Acetate, Under 100°F	X	X	X	2	X	-	1	-	2	2	2	1	-
Cellosolve, Butyl, Under 100°F	X	X	X	-	X	-	1	-	2	2	2	2	-
Cellosolve, Union Carbide, Under 100°F	X	X	-	-	-	-	1	-	2	2	2	2	-
Cellugard, Cellugard 200	1	1	-	-	-	-	1	-	1	1	1	1	1
Cellulube 90, 150, 220, 300, 550	X	X	X	-	X	-	1	-	1	1	1	1	1
Cellulube 1000, 220A, ST220, A60	X	X	X	-	X	-	1	-	1	1	1	1	1
Cellutherm 2505A	X	2	-	-	-	-	-	-	-	-	-	-	-
Chevron Fr-10,13,20.8	-	-	-	-	-	-	1	-	1	1	1	-	1
Chlordane	X	X	X	-	X	-	1	1	-	-	-	-	-
Chlorinate Paraffin & Petroleum Oil	-	-	-	-	-	-	1	-	1	1	1	1	1
Chlorine Gas, Dry	N/A	X	N/A	N/A	-	-	1	-	2	X	X	-	2
Chlorine Gas, Wet	N/A	X	N/A	N/A	-	-	1	-	X	X	X	X	X
Chlorine Trifluoride	X	X	-	-	-	-	-	-	1	1	1	1	-
Chlorine Water, 3% Chlorine	X	X	X	-	-	-	1	-	-	X	X	-	-
Chlorine Water, 25% Chlorine	X	X	X	-	2	2	1	2	-	X	X	-	-
Chloroacetic Acid (Under 100°F)	X	X	X	-	2	-	1	X	X	X	X	-	2
Chlorobenzene	X	X	X	X	X	-	1	X	2	2	2	X	1
Chlorobromo Methane	X	X	X	-	X	-	1	-	2	2	2	X	1
Chloroform	X	X	X	X	X	-	1	X	2	1	1	X	1
O-Chloronaphthalene	X	X	X	-	-	-	1	2	1	1	1	-	1
Chlorosulfonic Acid	2	X	X	X	-	-	1	X	1	-	-	-	-
Chlorotoluene	X	X	X	X	X	X	1	-	1	1	1	X	1
Chlorox, Bleach	2	2	-	1	2	-	1	1	X	X	2	X	X
Chromic Acid, 5%	X	X	-	-	-	-	1	X	X	X	2	X	X
Chromic Acid, 10%	X	X	X	1	2	X	1	X	X	X	2	X	X
Chromic Acid, 25%	X	X	X	1	2	X	1	X	X	X	2	X	X

*Use Gates fuel hose or contact Denver Product Applications Department.
**Nitrile 150°F or less, no constant contact.

Chemical Resistance Table

Rating Scale:
1 Excellent
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– Testing recommended

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Chromic Acid, 50%	X	X	X	1	2	X	1	X	X	X	2	1	X
Chromic Acid, 100%	-	-	-	-	-	X	1	-	X	X	2	-	X
Circo Light Process Oil	1	1	-	-	-	-	1	-	1	1	1	1	-
Citgo FR Fluids	-	X	-	X	-	2	1	-	1	1	1	-	1
Citgo Glycol FR-20XD	-	1	-	-	-	2	1	-	1	1	1	-	1
Citgo Sentry (Under 100°F)	2	2	1	-	X	2	1	-	1	1	1	-	1
Citgo Tractor Hydraulic Fluid	-	1	-	-	-	2	1	-	1	1	1	-	1
Citric Acid, 5%	-	2	-	-	-	-	1	1	X	1	1	1	X
Citric Acid, 5% @150°F	-	2	-	-	-	-	1	X	X	X	1	2	X
Citric Acid, 15%	1	2	-	-	-	-	1	1	X	X	1	-	1
Citric Acid, 15% Boiling	1	2	-	-	-	-	1	X	X	2	1	X	X
Citric Acid, Concentrated Boiling	1	X	1	-	1	2	1	X	X	X	1	X	X
Coal Gas	1	X	-	1	-	1	1	-	-	-	-	-	-
Coal Tars	X	2	X	2	2	-	1	X	1	1	1	1	1
Cod Liver Oil	1	1	1	-	-	-	1	-	1	1	1	1	1
Coke Oven Gas (Under 100°F)	X	2	X	-	2	-	1	-	1	1	1	1	1
Condor 1000,1002,1004, 1006,1008	-	2	-	-	-	-	-	-	-	-	-	-	-
Condor 1008,1010,1012, 1014,1016	-	2	-	-	-	-	-	-	-	-	-	-	-
Convelex 10	X	X	-	-	-	-	-	-	-	-	-	-	-
Copper Arsenate, Cupric Arsenate	-	-	-	-	2	-	1	-	1	1	1	-	-
Copper Chloride, 1%	1	1	-	-	-	-	1	X	X	X	1	-	X
Copper Chloride, 5%	1	1	-	-	-	-	1	X	X	X	1	-	-
Copper Chloride, Cupric Chloride	2	2	2	2	2	1	1	2	X	X	1	-	X
Copper Cyanide, Cupric Cyanide	2	2	2	-	2	-	1	X	1	1	1	-	X
Copper Nitrate, 1% & 5%	1	1	-	-	-	-	1	1	X	1	1	X	X
Copper Nitrate, Cupric Nitrate	1	1	1	1	1	-	1	-	1	1	1	1	-
Copper Sulfate, Cupric Sulfate	1	1	1	1	1	1	1	1	X	1	1	X	X
Copper Sulfate, 10%	1	1	-	-	-	-	1	-	X	2	2	X	-
Copper Sulfate, 50%	1	1	-	-	-	-	1	-	-	2	2	-	-
Corn Oil	X	2	2	2	X	X	1	-	1	1	1	-	1
Corn Syrup	2	2	-	2	-	-	1	-	1	1	1	1	-
Cottonseed Oil	2	2	1	2	2	X	1	2	1	1	1	1	1
Creosote, Wood Or Coal Tar (Under 100°F)	X	2	X	-	X	X	1	X	2	1	1	1	X
Cresol, Cresylic Acid (Under 100°F)	X	X	X	1	X	-	1	X	2	1	1	2	-
Cyesylic Acid	X	X	-	-	-	-	1	X	1	1	1	1	-
Crude Petroleum Oil (Under 100°F)	X	X	2	2	2	2	1	-	X	X	2	1	-
Cutting Oil, Water Soluble	X	1	-	-	-	-	1	-	1	1	1	-	1
Cutting Oil, Sulfur Base	X	1	-	-	-	-	1	-	1	1	1	1	1
Cutting Oil	2	1	2	1	X	-	1	-	1	1	1	1	1
Cyclohexane	X	2	-	1	X	1	1	1	1	1	1	1	1
Cyclohexanone	X	X	X	2	X	1	1	1	-	1	1	2	-
Cymene	X	X	X	X	X	-	1	-	1	1	1	1	1
D													
Dasco FR150, FR200, FR200B, FR310	-	1	-	-	-	-	1	1	1	1	1	1	1
Dasco IFR	-	1	-	-	-	-	1	1	1	1	1	1	1
DC200, DC510, DC550, DC560	-	1	-	-	-	-	-	1	-	1	1	1	1
Decalin	X	2	-	2	X	-	1	1	-	-	-	-	1
Dectol R&O Oils	X	1	-	-	-	2	-	-	-	-	-	-	-
Denatured Alcohol	1	1	1	1	-	-	1	1	1	1	1	1	1
Developing Fluids, Photo	1	1	-	1	-	-	-	-	X	X	2	-	-
Developing Solutions, Hypos	2	-	-	1	2	-	1	-	-	1	1	-	-
Diacetone	X	X	X	1	X	-	1	1	1	1	1	1	1
Diacetone Alcohol	-	X	-	1	-	-	1	1	1	1	1	1	1
Dibenzel Ether	X	X	-	2	-	-	1	-	1	1	1	1	1
Dibutyl Ether	X	X	-	1	-	-	1	-	1	1	1	1	1
Dibutyl Phthalate (Under 120°F)	X	X	X	2	X	2	1	-	1	1	1	1	1
Dibutyl Sebacate	X	X	X	2	-	-	1	-	-	-	-	-	1

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– Testing recommended

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Dichlorobenzene	X	X	X	X	X	X	1	1	-	1	1	-	1
Dichloroethane	X	X	X	X	-	-	1	X	-	X	X	X	X
Diesel, Biodiesel**	-	-	-	-	-	-	1	1	-	1	1	-	-
Diesel Oil, Fuel ASTM #2	②	1	②	2	X	1	1	1	1	1	1	1	1
Diester Lubricant MIL-l-7808	X	2	-	-	-	-	1	-	1	1	1	1	-
Diester Synthetic Lubricants	X	2	-	-	-	-	1	-	1	1	1	1	-
Diethylamine (Under 120°F)	2	2	-	2	X	-	1	1	1	1	1	1	1
Diethylene Glycol	1	1	1	1	1	1	1	1	1	1	1	1	1
Diethy Ether	X	X	-	1	-	-	1	-	1	1	1	1	1
Diethyl Phthalate	-	X	-	2	-	-	1	-	-	1	1	-	1
Diethyl Sebacate	X	X	X	2	-	-	1	-	-	1	1	-	1
Diisobutylene	X	2	-	1	X	-	1	-	2	1	1	2	1
Diisobutyl Ketone	X	X	X	2	X	-	1	1	1	1	1	1	1
Diisopropyl Ketone	X	X	X	2	X	-	1	1	-	1	1	-	1
Dimethyl Aniline	X	X	X	2	X	-	1	-	-	-	-	-	1
Dimethyl Formamide (Under 120°F)	X	X	X	-	-	-	1	-	1	1	1	1	-
Dimethyl Phthalate	X	X	X	1	X	-	1	-	-	-	-	-	1
Dioctyl Phthalate	X	X	X	2	X	-	1	-	1	1	1	1	1
Dioctyl Sebacate	X	X	X	X	X	-	1	-	1	1	1	1	-
Dioxane	X	X	X	2	-	-	1	1	1	1	1	1	1
Dipentene	X	X	-	2	-	-	1	-	1	1	1	1	1
Dirco Oils	-	1	-	-	-	-	1	1	1	1	1	1	1
Dispersing Oil #10	X	X	-	-	-	-	1	-	1	1	1	1	-
Dowtherm A	X	X	X	2	X	X	1	-	1	1	1	1	1
Dowtherm E	X	X	-	2	-	-	1	-	1	1	1	1	1
DP47, 200 Flow - DOW	-	1	-	-	-	-	1	1	1	1	1	1	1
Duro FR-HD	-	1	-	-	-	X	1	1	1	1	1	1	1
Duro Oils	-	1	-	-	-	-	1	1	1	1	1	1	1
E													
Elco 28-EPLubricant	X	1	-	-	-	-	-	-	1	1	1	1	-
Enamels	-	-	-	-	-	-	1	1	-	-	-	-	1
Energol HL68	-	1	-	-	-	-	-	-	1	1	1	1	1
Energol HLPC 68	-	1	-	-	-	-	-	-	1	1	1	1	1
EPHydraulic Oils, Chevron	-	1	-	-	-	-	-	-	1	1	1	1	1
Epichlorohydrin (Under 120°F)	X	X	-	-	-	-	1	-	1	2	1	1	-
Esam-6 Fluid	2	-	-	-	-	-	-	-	-	-	-	-	-
Ethanol	1	1	-	1	-	X	1	1	X	1	1	-	1
Ethanolamine, Aminoethanol	2	2	-	1	X	X	1	1	1	1	1	1	1
Ethers (Under 120°F)	X	2	X	1	2	2	1	1	1	1	1	1	1
Ethyl Acetate	X	X	X	2	X	2	1	1	1	1	1	2	2
Ethyl Acetoacetate	X	X	X	1	X	X	1	-	1	1	1	1	1
Ethyl Acrylate	X	X	X	2	X	X	1	-	1	1	1	1	-
Ethyl Alcohol	1	1	1	1	-	-	1	1	1	1	1	1	2
Ethyl Amine, Monoethylamine	X	X	X	1	X	X	1	-	2	1	1	2	1
Ethyl Benzene	X	X	X	2	X	1	1	-	1	1	1	1	1
Ethyl Bromide, Di	X	X	X	2	X	-	1	-	1	1	1	1	1
Ethyl Butyrate	X	X	X	-	-	-	1	-	-	1	1	1	-
Ethyl Cellulose	-	-	-	1	-	-	1	-	1	1	1	-	1
Ethyl Chloride	X	X	X	-	-	X	1	-	2	1	1	1	2
Ethyl Ether		X	X	X	-	-	1	-	2	1	1	1	1
Ethyl Mercaptan	X	X	X	-	X	X	1	-	2	-	-	-	-
Ethyl Oxalate	X	X	-	1	X	X	1	-	-	-	-	-	-
Ethyl Pentachlorobenzene	-	X	-	X	-	1	1	-	2	1	1	-	1
Ethyl Silicate	1	1	1	1	-	1	1	1	1	1	1	1	1
Ethylene Chloride	X	X	X	X	-	1	1	X	2	1	1	-	2
Ethylene Chlorohydrin, Under 100°F	X	X	X	-	-	X	1	X	1	1	2	X	-
Ethylene Diamine (Under 100°F)	2	2	2	1	X	X	1	-	-	-	-	-	1
Ethylene Dichloride	X	X	-	2	-	1	1	1	-	1	1	X	-
Ethylene Glycol	1	1	1	1	1	1	1	1	2	1	1	1	1

**Nitrile 150°F or less, no constant contact.

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Chemical Resistance Table

Rating Scale:
1 Excellent
2 Good resistance
X Not recommended
– Testing recommended

Chemical Name	Gates Hose Polymers (Trade Names: A, C, C_2, J, Z) Neoprene	Nitrile	Nitrile/PVC	CPE	Hypalon	Urethane (cover rating only)	PTFE	Nylon	Couplings & Adapters Carbon Steel	Stainless Steel 304	Stainless Steel 316	Aluminum	Brass
F													
Factovis 52	-	1	-	-	-	-	-	-	1	1	1	1	1
Fatty Acids	2	2	2	2	X	1	1	1	2	1	1	1	2
Ferric Chloride	-	-	-	1	2	-	1	1	X	X	X	X	X
Ferric Chloride, 1%	1	1	-	-	-	-	1	1	X	2	2	X	X
Ferric Chloride, 1% Boiling	-	2	-	-	-	-	1	1	X	X	X	X	X
Ferric Chloride, 5% Still	2	1	-	-	-	-	1	1	X	X	X	X	X
Ferric Chloride, 5% Agitated or Aerated	2	2	-	-	-	-	1	1	X	X	X	X	X
Ferric Chloride, 10%	2	1	-	-	-	-	1	1	X	X	X	X	X
Ferric Sulfate	2	2	2	1	2	-	1	1	X	1	1	X	X
Ferrous Chloride	1	1	-	1	2	-	1	-	X	1	2	-	2
Ferrous Nitrate	2	2	2	-	2	-	1	-	-	1	1	-	-
Ferrous Sulfate, Copper Gas	2	2	2	1	2	-	1	-	X	1	1	1	2
Ferrous Sulfate, 10%	1	1	-	-	-	-	1	1	X	2	2	X	-
Ferrous Sulfate, Saturated	1	-	-	-	-	-	1	1	-	2	2	X	-
Fire Resistant Hydraulic Fluid, Texaco	-	1	-	-	-	-	1	-	1	1	1	1	1
Firtec 290, MF	-	-	-	-	-	-	1	-	-	-	-	-	-
Fixing Solution, Photo	2	-	-	-	2	-	1	-	-	1	1	-	-
Fluoboric Acid	1	1	-	1	-	-	1	-	1	-	1	X	-
Fluoboric Acid, 65%	2	-	-	1	2	X	1	-	-	1	1	-	-
Fluosilicic Acid	2	1	-	-	-	-	1	-	X	X	X	X	1
Fluosilicic Acid, 50%	2	X	X	1	2	X	1	X	-	-	-	1	-
Formaldehyde	1	X	-	1	-	-	1	2	1	1	1	1	X
Formaldehyde, 37%	2	2	-	1	2	2	1	-	-	1	1	1	1
Formaldehyde, Hot	-	-	-	-	-	-	1	1	X	2	1	2	1
Formic Acid (Under 120°F)	1	X	1	1	2	X	1	2	X	2	1	1	2
Formic Acid, Dilute Hot	1	X	-	1	-	-	1	X	X	2	1	2	X
Freon 12 (Under 100°F)	Use Freon Hose Only								2	1	1	1	1
Freon 114	Use Freon Hose Only								1	1	1	1	-
Fruit Juices					-	-	1	1	X	1	1	-	-
Fuel Oil	②	1	①	1	X	2	1	1	2	2	2	1	2
Fumaric Acid	2	X	-	-	-	X	1	-	1	1	1	-	-
Furan, Furfuran	X	X	X	1	-	-	1	-	1	1	1	1	1
Furan Resin	X	X	-	-	-	-	1	-	-	-	1	-	-
Furfural Alcohol, Ant Oil	2	X	X	1	2	-	1	1	2	1	1	1	1
Fusel Oil, Grain Oil	X	X	-	-	-	-	1	-	-	-	-	-	-
Fyrguard 150, 200	-	1	-	-	-	-	1	-	1	1	1	1	1
Fyrquel A60, 90, 100, 150, 220, 300, 500	X	X	-	-	-	-	1	-	1	-	-	1	-
Fyrquel 1000, 15R&O, 220R&O, 550R&O	X	X	-	-	-	-	1	-	1	-	-	1	-
G													
Gallic Acid (Under 100°F)	X	X	X	1	-	X	1	2	X	1	1	X	-
Gas, Natural	-	-	-	X	-	-	1	-	1	1	1	-	2
Gasohol	2	*	*	-	X	-	1	-	2	1	1	1	1
Gasoline, Aviation	X	-	2	-	-	-	1	-	-	1	1	1	1
Gasoline, Meter	X	*	-	-	-	-	1	X	1	1	1	1	X
Gasoline, Premium	②	*	*	-	X	X	1	-	2	1	1	1	1
Gasoline, Sour	X	X	-	-	-	-	1	-	2	1	1	X	-
Gasoline, Standard	①	*	*	2	X	X	1	-	2	1	1	1	1
Gasoline, Unleaded Under 50% Aromatics	X	*	X	-	X	X	1	-	2	1	1	1	1
Gelatin	1	1	-	-	-	-	1	1	X	1	1	1	-
Glauber's Salt	2	X	-	-	-	-	1	-	1	1	1	-	-
Glucose	1	1	1	-	1	1	1	1	1	1	1	1	1
Glue (Under 120°F)	2	2	2	-	1	1	1	2	2	1	1	2	X
Glycerine, Glycerol	1	1	1	1	1	1	1	1	2	1	1	1	2
Glycol FR Fluids	-	1	-	-	-	-	1	-	1	1	1	1	1
Glycols (Under 120°F)	1	1	1	1	1	1	1	1	2	1	1	1	1
Grease, Ester Base	-	-	-	-	-	-	1	1	1	1	1	1	1
Grease, Petroleum Base	2	1	2	-	2	1	1	1	1	1	1	1	1
Grease, Silicone Base	-	-	-	-	-	-	1	1	1	1	1	1	1
Green Sulfate Liquor, Under 100°F	2	2	1	2	1	-	1	-	1	1	1	-	-
Gulf FR Fluid G-200	-	1	-	-	-	X	1	-	1	1	1	1	1
Gulf FR Fluid P37, P40, P43, P45, P47	-	X	-	-	-	X	1	-	-	-	-	-	-
H													
Halowax Oil	X	X	X	-	X	-	1	-	-	-	-	-	-
Heptachlor, In Petroleum	-	2	X	-	-	-	1	-	-	-	-	-	-
Heptane (Under 100°F)	②	1	②	1	X	1	1	1	1	1	1	1	1
N-Hexaldehyde	2	X	2	-	-	-	1	-	1	1	1	1	1
Hexane (Under 120°F)	2	1	②	2	1	1	1	1	1	1	1	1	1
Hexene	②	2	-	1	-	-	1	-	1	1	1	-	1
Hexyl Alcohol	1	2	1	1	-	-	1	-	1	1	1	1	2
High Viscosity Lubricant, U4	2	1	-	-	-	-	1	-	-	-	-	-	-
High Viscosity Lubricant, H2	2	1	-	-	-	-	1	-	-	-	-	-	-
Hilo MS #1	X	X	-	-	-	-	-	-	-	-	-	-	-
Houghto-Safe 1010,1055 (Phos. Ester)	X	X	X	1	X	-	1	-	1	1	1	1	1
Houghto-Safe 1115,1120, 1130 (Phos. Ester)	X	X	X	1	X	-	1	-	1	1	1	1	1
Houghto-Safe 271,416,520, 616 (Water/Glycol)	2	1	1	-	-	2	1	-	1	1	1	1	1
Houghto-Safe 620, 625, 640, 525 (Water/Glycol)	1	1	1	-	-	2	1	-	1	1	1	1	1
Houghto-Safe 5046, 5046W (Water/Oil Emulsion)	2	1	-	-	-	-	1	-	1	1	1	1	1
Hy-Chock Oil	-	1	-	-	-	-	1	1	1	1	1	-	-
Hydrafluid 760, Texaco and Houghton	-	1	-	-	-	-	1	1	1	1	1	-	1
Hydrafluid AZR&O, A, B, AA, C	-	1	-	-	-	-	1	1	1	1	1	-	1
Hydrasol A	-	1	-	-	-	-	1	1	1	1	1	-	-
Hydraulic Fluid, Phosphate Ester Base	X	X	X	1	-	X	1	1	1	1	1	-	-
Hydraulic Fluid, Std. Petroleum Oils	2	1	2	1	2	2	1	1	1	1	1	1	1
Hydraulic Fluid, Water Glycol Base	1	1	1	-	-	1	1	1	1	1	1	1	1
Hydraulic Fluid HF - 18, HF - 20	-	1	-	-	-	2	1	1	1	1	1	1	1
Hydraulic Fluid HF - 31	-	-	-	-	-	-	1	1	1	1	1	1	1
Hydraulic Oils, Petroleum	2	1	-	-	-	-	1	1	1	1	1	1	1
Hydraulic Oils, Synthetic	-	X	-	-	-	-	1	-	1	1	1	1	1
Hydraulic Safety Fluid 200 & 300, Texaco	-	1	-	-	-	1	1	-	1	1	1	1	1
Hydrazine	X	X	X	-	-	2	1	-	-	-	-	-	-
Hydro-Drive Oil, Houghton	-	1	-	-	-	2	1	-	-	-	-	-	-
Hydrobromic Acid	X	X	-	-	-	-	1	X	1	1	1	X	-
Hydrobromic Acid, 37%	X	X	X	1	2	X	1	X	1	1	1	X	-
Hydrochloric Acid	2	X	-	-	-	-	1	X	X	X	X	X	X
Hydrochloric Acid, 3 Molar	2	X	-	-	-	-	1	X	X	X	X	X	X
Hydrochloric Acid, Concentrated	X	X	-	-	-	-	1	X	X	X	X	X	X
Hydrochloric Acid, 15%	X	X	X	1	2	X	1	X	X	X	X	X	X
Hydrochloric Acid, 37%	X	-	X	1	2	X	1	X	X	X	X	X	X
Hydrocyanic Acid, 20% Under 100°F	X	X	X	-	2	X	1	1	X	1	1	1	X
Hydrocyanic Acid, 98%	-	-	-	-	-	-	1	-	-	-	-	-	-
Hydrofluoric Acid, 10%	2	2	X	1	1	X	1	X	X	X	X	X	X
Hydrofluoric Acid, 20% (Under 120°F)	2	X	X	1	2	X	1	X	X	X	X	X	X
Hydrofluoric Acid, 48% (Under 120°F)	2	X	X	1	2	X	1	X	X	X	X	X	X
Hydrofluoric Acid, 70%	-	X	X	-	2	X	1	X	X	X	X	X	X
Hydrofluoric Acid, Concentrated	X	X	X	1	2	X	1	X	X	X	X	X	X
Hydrofluoric Acid, Anhydrous	-	X	-	-	-	-	1	-	-	-	-	-	-
Hydrofluosilicic	X	X	X	X	-	-	1	X	X	X	X	X	1
Hydrogen	1	1	-	1	-	-	1	-	X	X	X	1	-
Hydrogen Chloride Gas	-	-	-	1	-	-	1	-	-	1	1	-	-
Hydrogen Cyanide Gas	-	-	-	-	-	-	-	-	-	-	-	1	-
Hydrogen Fluoride (Under 100°F)	-	X	-	-	-	-	1	-	2	2	1	-	-

○ Cover stock rating only; Rating for tube stock "X"
*Use Gates fuel hose or contact Denver Product Applications Department.

Chemical Resistance Table

Rating Scale:
1 Excellent
2 Good resistance
X Not recommended
– Testing recommended

Chemical Name	Gates Hose Polymers (Trade Names)								Couplings & Adapters				
	A	C	C_2	J			Z						
	Neoprene	Nitrile	Nitrile/PVC	CPE	Hypalon	Urethane (cover rating only)	PTFE	Nylon	Carbon Steel	Stainless Steel 304	Stainless Steel 316	Aluminum	Brass
Hydrogen Peroxide, Dilute	1	2	-	-	-	-	1	1	1	-	1	-	X
Hydrogen Peroxide, 10%	X	1	X	1	2	X	1	X	X	2	1	1	X
Hydrogen Peroxide, 30%	X	2	X	1	2	X	1	X	X	2	1	1	X
Hydrogen Peroxide, 70%	X	X	X	1	-	X	1	X	X	2	1	1	X
Hydrogen Peroxide, 90%	X	X	-	-	-	-	1	-	X	2	1	-	X
Hydrogen Sulfide	2	X	-	-	-	-	1	1	2	2	1	-	X
Hydrogen Sulfide Aqueous Solution	2	X	-	-	-	-	1	-	X	-	-	X	-
Hydrogen Sulfide, Gas	-	-	-	-	-	-	-	-	-	-	-	-	-
Hydrolube, Water Glycol	2	1	-	-	-	X	1	-	1	1	1	-	1
Hydrolubric Oil, Houghton	-	2	-	-	-	2	1	1	-	-	-	-	-
Hydroquinone	X	-	-	-	X	-	1	-	-	1	1	2	-
Hykil No.6 (33%); Water (67%)	-	2	-	-	-	-	1	-	1	-	-	-	-
Hypochlorous Acid (Under 120°F)	X	X	X	-	2	-	1	1	2	2	2	X	-
Hypoid Grease (Parapoid 10-C)	-	1	-	-	-	-	1	-	-	-	-	-	-
I													
Imol, Imol S150, S220, S300, S500	-	1	-	-	-	2	1	1	1	1	1	1	-
Industron 53	-	1	-	-	-	-	1	-	-	-	-	-	-
Ink (Printers)	1	1	-	-	-	-	1	1	2	2	1	-	2
Ink Oil	-	2	-	-	-	-	1	-	1	1	1	-	1
Insulating Oil (Transformer)	2	1	2	-	X	-	1	-	1	1	1	-	1
Isobutyl Alcohol	2	2	2	1	-	-	1	1	1	1	1	1	2
Iodine (Under 100°F)	X	X	-	1	2	X	1	1	2	2	2	X	-
Iodine, In Alcohol	2	-	-	-	-	X	1	-	-	-	-	X	-
Iodine Pentafluoride	X	X	-	-	-	-	1	-	X	2	2	X	-
Isooctane	1	1	2	2	1	2	1	1	1	1	1	2	1
Isooctyl Thioglucolate	-	-	-	-	-	-	1	1	-	-	-	-	-
Isobutane - WET	X	X	-	-	-	X	1	X	X	1	1	2	1
Isopropyl Acetate	X	X	X	-	X	2	1	1	2	2	1	X	1
Isopropyl Alcohol (Isopropanol)	2	2	2	1	2	2	1	1	1	1	1	1	2
Isopropyl Ether	X	X	X	-	-	-	1	1	1	1	1	1	1
J													
Fuel JP-3 (Under 100°F)	②	1	②	-	X	2	1	1	1	1	1	2	1
Jet Fuel JP-4 (Under 100°F)	Ⓧ	1	2	-	X	-	1	1	1	1	1	2	1
Jet Fuel JP-5	X	1	X	-	X	-	1	1	2	1	1	2	1
Jet Fuel JP-6	X	1	X	-	X	-	1	1	2	1	1	2	1
Jet Fuel JP-x	2	1	X	-	X	-	1	1	2	1	1	2	1
K													
Kerosene	X	1	②	1	X	-	1	1	1	1	1	1	1
Ketchup	1	1	-	-	-	-	1	1	-	1	1	-	-
Ketones	X	X	X	-	X	X	1	1	1	1	1	2	1
L													
Lacquer Solvents	X	X	X	-	X	2	1	1	X	2	1	1	1
Lacquers	X	X	X	-	X	-	1	1	X	X	1	1	1
Lactic Acid	1	X	X	-	1	X	1	-	X	2	1	X	2
Lactic Acid (5%)	2	1	-	-	-	-	1	1	X	2	1	1	X
Lactic Acid (5% Boiling)	X	X	-	-	-	-	1	-	X	2	1	2	X
Lactic Acid (10% Boiling)	X	X	-	-	-	-	1	-	X	2	1	X	X
Lactol	2	2	2	-	-	-	1	-	1	1	1	1	1
Lard	2	1	-	1	-	-	1	1	1	1	1	1	X
Lasso (Ag Spray)	-	-	-	-	-	-	1	1	-	1	1	-	-
Latex	1	1	-	-	X	-	1	1	1	1	1	1	1
Lead Acetate	X	X	-	1	2	1	1	-	2	2	2	X	1
Lead Arsenate	2	2	-	-	-	-	1	-	1	1	1	-	-
Lead Nitrate	2	2	-	-	1	1	1	-	1	2	2	-	-
Lead Sulfate	1	1	-	1	2	-	1	-	1	1	1	-	-
Lead, Tetraethyl (Under 100°F)	X	2	X	-	X	-	1	2	-	-	-	-	-
Lead, Tetramethyl	X	2	X	-	X	1	1	-	-	-	-	-	-
Lecithin	2	X	-	-	-	-	1	-	-	1	1	-	-

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Chemical Name	Gates Hose Polymers (Trade Names)								Couplings & Adapters				
	A	C	C_2	J			Z						
	Neoprene	Nitrile	Nitrile/PVC	CPE	Hypalon	Urethane (cover rating only)	PTFE	Nylon	Carbon Steel	Stainless Steel 304	Stainless Steel 316	Aluminum	Brass
Ligroin (Petroleum Ether, Under 120°F)	X	1	-	-	X	-	1	-	2	1	1	X	-
Lime (Chlorinated, Free Chlorine 20%)	-	1	-	1	-	1	-	-	-	-	2	-	-
Lime Bleach (Under 100°F)	X	2	X	-	X	-	-	-	X	2	1	-	-
Lime Sulphur	1	X	-	-	-	-	2	1	2	1	1	X	X
Lime Sulfur (Under 135°F)	1	X	X	-	2	-	2	1	2	1	1	X	X
Lindane (Ag Spray)	-	-	-	-	-	-	1	1	-	1	1	-	-
Linoleic Acid	X	2	X	-	-	-	1	-	X	2	1	1	-
Linseed Oil	X	1	-	-	-	-	1	1	1	1	1	2	2
Linseed Oil (Boiled)	2	2	1	1	1	1	1	-	2	1	1	1	2
Lubricating Oil (SAE 10, 20, 30, 40, 50)	2	2	-	-	-	-	1	1	1	1	1	1	1
Lubricating Oils (Diester, Under 135°F)	X	2	X	-	-	X	1	1	1	1	1	1	1
M													
Machine Oil (Under 135°F)	1	1	2	-	2	-	1	1	1	1	1	1	1
Magnesium Carbonate	1	1	1	-	1	1	1	-	2	2	2	1	-
Magnesium Chloride	1	1	1	1	1	1	1	1	X	2	1	X	2
Magnesium Hydroxide	2	2	2	1	1	X	1	-	1	1	1	X	X
Magnesium Nitrate	2	2	2	-	1	-	1	-	2	2	2	X	1
Magnesium Sulfate	2	2	2	1	1	1	1	1	2	2	2	2	2
Malathion (Ag Spray Dilute)	-	2	-	-	-	-	1	1	1	1	1	-	1
Maleic Acid	2	X	-	-	-	-	1	-	2	2	1	-	-
Malic Acid	-	-	-	-	-	-	1	-	2	2	1	-	-
Manganese Salts	-	1	1	-	1	-	1	-	-	-	-	-	-
Maxmul (Penzoil Hydraulic Fluid)	2	1	2	-	-	-	1	-	1	-	1	-	-
Mercuric Chloride	1	2	2	1	1	2	1	X	X	1	1	X	X
Mercuric Cyanide	1	2	2	-	1	-	-	-	2	2	2	X	-
Mercurous Nitrate (Under 120°F)	1	2	2	-	1	-	1	-	1	1	1	X	-
Mercury	1	2	2	1	1	2	1	1	1	1	1	X	X
Mesityl Oxide	X	X	X	2	X	X	1	-	1	1	1	1	1
Methane	2	1	-	-	-	-	1	-	-	1	1	-	-
Methoxychlor (Insecticide)	-	-	-	-	-	-	1	X	1	1	1	-	-
Methyl Acetate	X	X	X	1	X	-	1	-	1	1	1	1	1
Methyl Acrylate	X	X	X	-	X	-	1	-	1	1	1	1	1
Methyl Alcohol	1	1	1	1	-	-	1	1	1	1	1	1	2
Methyl Amine (25% Aqueous Solution)	2	X	-	-	-	-	1	-	1	1	1	1	-
Methyl Amine (60%)	2	2	-	-	-	-	1	2	1	1	1	1	2
Methyl Amine (99%)	X	X	-	-	-	-	1	-	1	1	1	1	X
Methyl Bromide	X	X	X	-	X	X	1	1	1	1	1	X	1
Methyl Butyl Ketone (MBK)	X	X	X	2	X	-	1	-	1	1	1	1	1
Methyl Cellosolve (Under 100°F)	2	X	-	1	X	-	1	-	2	2	2	2	1
Methyl Chloride	X	X	X	X	X	-	1	1	1	1	1	-	1
Methyl Ethyl Ketone (MEK)	X	X	X	2	X	X	1	1	1	1	1	2	1
Methyl Formate	2	X	X	-	X	-	1	-	2	1	1	1	1
Methyl Isobutyl Ketone (MIBK, 100°F)	X	X	X	2	X	X	1	1	1	1	1	1	1
Methyl Isopropyl Ketone	X	X	X	2	X	X	1	1	1	1	1	1	1
Methyl Methacrylate	X	X	X	2	2	-	1	-	2	2	2	-	-
Methyl Salicylate	2	2	2	-	-	-	1	-	1	1	1	1	1
Methyl Sulfate (Dimethyl, Under 100°F)	X	X	X	-	X	1	1	1	1	1	1	-	-
Methylene Chloride	X	X	X	X	X	-	1	X	1	1	1	X	1
Methylene Dichloride	X	X	X	-	-	-	1	1	1	1	1	X	1
Mineral Oil (Under 120°F)	1	1	1	1	1	1	1	1	1	1	1	2	1
Mineral Spirits	-	1	2	-	X	-	1	-	1	1	1	2	1
Mobile Therm 603	-	1	-	-	-	-	1	-	1	1	1	1	1
Molasses (Under 120°F)	2	2	2	-	1	1	1	-	2	1	1	2	X
Monochlorobenzene	X	X	X	X	X	X	1	-	1	1	1	X	1
Monoethanolamine	X	2	-	1	X	-	1	-	1	1	1	2	1

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Chemical Resistance Table

Rating Scale:
1 Excellent
2 Good resistance
X Not recommended
– Testing recommended

Chemical Name	Gates Hose Polymers (Trade Names) A: Neoprene	C: Nitrile	C_2: Nitrile/PVC	J: CPE	Z: Hypalon	Z: Urethane (cover rating only)	Z: PTFE	Z: Nylon	Couplings & Adapters: Carbon Steel	Stainless Steel 304	Stainless Steel 316	Aluminum	Brass
Morpholine (Pure Additive)	-	-	-	-	-	-	1	-	-	1	1	-	-
Motor Oils (Under 135°F)	2	1	2	1	2	2	1	1	1	1	1	1	1
Mould Oil	-	-	-	-	-	-	1	-	1	1	1	-	-
Muriatic Acid (Hydrochloric)	X	X	X	1	2	X	1	X	X	X	X	X	X
Mustard	1	2	1	-	1	-	1	-	X	1	1	2	-
N													
Naphtha (Low Aromatic Content)	X	2	X	1	X	-	1	1	2	1	1	1	1
Naphthalene (Tar Camphor)	X	X	X	1	X	-	1	1	1	1	1	1	1
Naphthalene	X	X	X	-	X	-	1	-	1	1	1	-	1
Naphthenic Acid	-	2	-	-	-	-	1	-	-	2	1	-	-
Natural Gas	-	-	-	-	-	-	1	-	1	1	1	-	2
Nickel Acetate	-	-	-	-	-	-	1	-	1	1	1	1	1
Nickel Chloride	2	2	2	1	2	-	1	1	1	1	1	1	1
Nickel Nitrate	2	2	2	1	2	-	1	1	2	2	2	X	-
Nickel Plating Solution	-	2	-	-	2	X	1	-	-	1	1	-	-
Nickel Salts	2	-	1	-	-	-	1	-	-	-	-	-	-
Nicotine Salts	-	-	-	-	-	1	1	-	1	X	2	-	-
Nitric Acid	X	X	-	-	-	-	1	-	X	1	1	-	X
Nitric Acid, 3 Molar	X	X	-	-	-	-	1	-	X	1	1	-	X
Nitric Acid, Concentrated (Boiling)	X	X	-	-	-	-	1	X	X	2	2	X	X
Nitric Acid, Inhibited Red Fuming (IRFNA)	X	X	-	-	-	-	1	-	X	1	1	1	X
Nitric Acid, Red Fuming (RNFA)	X	X	X	-	X	X	1	X	X	2	2	2	X
Nitric Acid, 5% To 10%	X	X	X	1	2	X	1	X	X	2	2	1	X
Nitric Acid, 20%	X	X	X	1	2	X	1	X	X	2	2	X	X
Nitric Acid, 50% (Boiling)	X	X	X	X	X	X	1	X	X	2	2	X	X
Nitric Acid, 65% (Boiling)	X	X	X	X	X	X	1	X	X	2	2	X	X
Nitric Acid & Hydrochloric Acid	-	X	-	-	-	-	1	-	X	X	X	X	-
Nitrobenzene (Under 100°F)	X	X	X	2	X	X	1	2	1	1	1	1	1
Nitroethane	X	X	X	1	2	-	1	-	1	1	1	1	1
Nitrogen	1	1	2	1	1	1	1	1	1	1	1	1	1
Nitrogen Oxide Up To 50% (Under 100°F)	1	1	2	1	1	-	1	1	1	1	1	-	X
Nitromethane	X	X	X	-	-	-	1	1	1	1	1	1	1
Nitropropane	X	X	X	-	-	-	1	1	1	1	1	1	1
Nyvac 20 (WG), 30 (WG)	-	1	-	-	-	-	1	-	1	1	1	1	1
Nyvac FR Fluid	-	1	-	-	-	-	1	-	1	1	1	1	1
Nyvac FR200 Fluid	-	1	-	-	-	-	1	-	1	1	1	1	1
N-Octane	X	2	-	1	X	-	-	-	1	1	1	-	1
O													
Octyl Alcohol	2	2	2	1	-	-	1	1	1	1	1	-	2
Oils, Crude	X	2	-	-	-	-	1	-	1	-	-	-	-
Oil (SAE, Under 100°F)	1	1	1	1	2	1	1	1	1	1	1	1	1
Oleic Acid (Under 120°F)	2	2	2	1	2	1	1	-	2	2	1	1	2
Oleum	X	X	X	X	X	-	1	X	-	-	1	-	-
Olive Oil	X	2	2	2	X	-	1	-	2	1	1	1	2
OS 45 Type III (OS45)	1	2	-	-	-	-	1	-	-	-	-	-	-
OS 45 Type IV (OS45-1)	1	2	-	-	-	-	1	-	-	-	-	-	-
OS 70	1	2	-	-	-	-	1	-	-	-	-	-	-
Oxalic Acid (5%, Hot And Cold)	2	2	-	-	-	-	1	2	X	2	1	1	X
Oxalic Acid (10%)	2	2	-	-	-	-	1	2	X	2	1	1	X
Oxalic Acid (10% Boiling)	X	X	-	-	-	-	1	-	X	X	X	X	X
Oxalic Acid	X	X	X	1	2	X	1	X	X	2	1	2	X
Oxygen, Gaseous	-	-	-	-	-	-	1	-	1	1	1	1	1
Ozone (Dry)	2	X	2	1	2	1	1	2	1	1	1	1	1
Ozone (Wet)	-	X	-	-	-	-	1	-	X	2	1	2	-
P													
Paint	X	-	-	-	X	X	1	2	-	1	1	1	1
Paint Solvents (Oil Base)	X	X	-	-	X	X	1	2	-	1	1	1	1
Paints (Oil Base)	-	1	-	-	1	-	1	1	-	-	-	-	-
Paint Thinner, Duco	2	1	-	-	-	-	1	1	2	2	1	2	X

Rating Scale:
1 Excellent
2 Good resistance
X Not recommended
– Testing recommended

Chemical Name	Gates Hose Polymers (Trade Names) A: Neoprene	C: Nitrile	C_2: Nitrile/PVC	J: CPE	Z: Hypalon	Z: Urethane (cover rating only)	Z: PTFE	Z: Nylon	Couplings & Adapters: Carbon Steel	Stainless Steel 304	Stainless Steel 316	Aluminum	Brass
Palmetic Acid	2	2	2	1	X	1	1	1	2	2	1	1	X
Palm Oil	2	1	2	-	2	-	1	-	1	1	1	1	1
Paraffin (Petroleum)	2	1	2	1	X	-	1	1	2	1	1	1	1
Paraformaldehyde	2	2	2	-	2	2	1	-	1	1	1	1	-
Peanut Oil (Less Than 100°F)	2	1	2	-	-	-	1	-	1	1	1	1	1
Pentasol	2	2	2	-	2	-	1	1	1	1	1	1	1
Perchloric Acid	X	X	-	-	2	X	1	X	X	2	1	X	-
Perchloroethylene (Tetrachloroethylene)	X	X	X	2	X	-	1	2	1	1	1	X	X
Petroleum Ether	X	2	-	1	-	-	1	-	2	1	1	-	1
Petroleum Oil (Crude)	2	1	-	-	-	-	1	-	-	-	-	-	-
Petroleum Oil (Below 250°F)	2	1	-	-	-	-	1	-	-	-	-	-	-
Petroleum Oil (Above 250°F)	X	X	-	-	-	-	1	-	-	-	-	-	-
Petroleum Oils (Under 100°F)	2	1	2	-	2	2	1	-	1	1	1	1	1
Petroleum Oils (Refined)	2	1	2	-	2	2	1	1	1	1	1	1	1
Petroleum Oils (Sour)	2	2	-	-	X	2	1	-	2	1	1	1	X
Phenol (Carbolic Acid)	X	X	X	1	X	X	1	X	2	1	1	1	X
Phenol (70/30 Water)	X	X	-	-	-	-	1	-	-	1	1	1	-
Phenol (85/15 Water)	X	X	-	-	-	-	1	-	-	1	1	1	-
Phorone (Diisopropylidene Acetone)	X	X	-	-	X	X	1	-	1	1	1	-	1
Phosphate Esters (Concentrated)	X	X	-	X	X	X	1	2	-	-	-	-	-
Phosphate Esters (3 Molar)	X	X	-	2	2	X	1	2	-	-	-	-	-
Phosphate Esters (Dilute)	X	X	-	1	1	X	1	2	-	-	-	-	-
Phosphoric Acid	2	2	-	-	-	-	1	-	-	-	2	-	-
Phosphoric Acid (3 Molar)	X	X	-	-	-	-	1	-	-	-	-	-	-
Phosphoric Acid (Concentrated)	X	X	-	-	-	-	1	-	-	-	-	-	-
Phosphoric Acid (1%)	2	-	-	-	-	-	1	-	-	1	1	-	X
Phosphoric Acid (5%)	2	X	-	-	-	-	1	-	-	1	1	-	X
Phosphoric Acid (10%)	2	X	-	-	-	-	1	-	X	-	1	X	X
Phosphoric Acid (10% Hot)	2	X	-	-	-	-	1	-	X	-	1	X	X
Phosphoric Acid (50%)	2	2	2	1	1	X	1	X	X	2	1	X	2
Phosphoric Acid (50% Hot)	2	X	-	-	-	-	1	-	X	X	2	X	X
Phosphoric Acid (85%)	2	X	-	1	1	X	1	X	X	2	2	X	X
Phosphoric Acid (85% Hot)	2	X	-	-	-	-	1	-	X	X	X	X	X
Phosphoric Acid (Aerated)	-	-	-	-	-	-	1	-	X	-	2	-	-
Phosphoric Acid Air Free	-	-	-	-	-	-	1	-	X	-	-	X	-
Photographic Developers	1	1	-	-	-	-	1	-	X	1	1	-	-
Photographic, Emulsions	-	-	-	-	-	-	1	-	-	-	-	-	-
Photographic, Fixing Solutions	2	-	-	-	2	-	1	-	-	1	1	-	-
Phthalic Acid	-	-	-	-	-	-	-	-	2	2	1	2	-
Picric Acid (Water Solution 100°F)	2	2	2	-	2	-	1	X	X	1	1	X	X
Pinene	X	2	-	2	-	-	1	-	1	1	1	1	1
Pine Oil	X	2	-	2	X	-	1	1	1	1	1	1	-
Piperazine Hydrochloride Solution (34%)	-	2	-	-	-	-	1	-	-	-	-	-	-
Pitch	2	1	-	-	2	2	1	1	-	-	-	-	-
Plating Solutions (Chrome)	X	X	-	-	-	X	1	X	-	X	X	-	-
Plating Solutions (Other)	-	1	-	-	-	-	1	-	-	-	-	-	-
Polyester Resin	-	-	-	-	-	-	-	2	-	-	-	-	-
Polyurethane Foam (Under 125°F)	-	-	-	-	-	-	1	-	-	-	-	-	-
Potassium Acetate	2	2	-	1	2	X	1	-	2	1	1	X	-
Potassium Bicarbonate	1	1	-	-	1	-	1	1	1	2	2	1	-
Potassium Bisulfite	-	1	-	-	-	-	1	1	-	-	-	-	-
Potassium Bromate	-	-	-	-	-	-	1	-	-	-	-	-	-
Potassium Bromide	1	1	-	-	1	2	1	1	X	X	2	X	-
Potassium Carbonate (Potash)	1	1	1	1	1	2	1	1	2	1	1	X	X
Potassium Chlorate	1	1	-	-	-	2	1	1	2	2	2	2	-
Potassium Chloride (1% To 5%)	1	1	-	1	-	2	1	1	1	2	2	X	X
Potassium Chloride (Boiling)	-	-	-	-	-	-	1	-	-	2	2	-	X
Potassium Cyanide	1	1	-	1	-	-	1	1	2	1	1	X	X
Potassium Dichromate	1	1	-	1	-	-	1	2	1	2	2	2	-
Potassium Ferrocyanide	-	-	-	-	-	-	1	-	2	1	1	2	-

○Cover stock rating only; Rating for tube stock "X" *Use Gates fuel hose or contact Denver Product Applications Department.

Chemical Resistance Table

Rating Scale:
1 Excellent
2 Good resistance
X Not recommended
– Testing recommended

Chemical Name	Gates Hose Polymers (Trade Names A, C, C_2, J, Z): Neoprene	Nitrile	Nitrile/PVC	CPE	Hypalon	Urethane (cover rating only)	PTFE	Nylon	Couplings & Adapters: Carbon Steel	Stainless Steel 304	Stainless Steel 316	Aluminum	Brass
Potassium Fluoride	-	-	-	-	-	-	1	-	-	-	-	-	-
Potassium Hydroxide	2	2	-	-	-	-	1	-	1	1	1	-	-
Potassium Hydroxide (5%)	1	1	-	-	-	-	1	1	2	2	2	X	X
Potassium Hydroxide (27% Boiling)	-	-	-	-	-	-	1	-	2	2	1	X	X
Potassium Hydroxide (30%, Caustic Potash)	-	-	-	1	-	-	1	-	-	-	-	-	-
Potassium Hydroxide (50% Boiling)	-	-	-	-	-	-	1	-	2	2	2	X	X
Potassium Hydroxide (70%)	-	X	-	-	-	-	1	-	-	-	-	X	X
Potassium Hydroxide (70% Hot)	-	-	-	-	-	-	1	-	X	-	-	X	X
Potassium Iodide	1	1	-	-	1	-	1	1	1	2	2	-	-
Potassium Nitrate	1	1	-	1	-	1	1	1	1	1	2	2	2
Potassium Nitrate (1% To 5%)	1	1	-	-	-	-	1	-	1	1	1	1	2
Potassium Permanganate	1	2	-	-	-	-	1	2	1	2	2	2	-
Potassium Permanganate (5%)	1	1	-	-	-	-	1	1	1	1	1	1	-
Potassium Persulfate	-	-	-	-	-	-	1	-	-	-	-	-	-
Potassium Phosphate	1	-	-	-	1	-	1	-	X	2	2	X	-
Potassium Sulfate	1	1	-	1	-	1	1	1	1	2	2	1	-
Potassium Sulfate - 1% & 5%	1	1	-	-	-	-	1	1	1	1	1	1	X
Potassium Sulfide	1	1	-	-	-	-	1	-	2	2	2	-	-
Potassium Sulfite	1	1	-	1	-	-	1	-	1	1	1	1	-
Potassium Thiosulfate	1	-	-	-	1	-	1	-	-	-	-	-	-
Primatol A, S, P (Ag Spray)	-	-	-	-	-	-	1	-	-	-	-	-	-
Propane Gas	X	X	-	-	-	X	1	-	1	1	1	-	1
Propionic Acid	X	X	-	-	-	-	1	-	1	-	2	2	-
Propyl Acetate	X	X	-	2	-	-	1	-	1	-	-	-	-
Propyl Alcohol	1	1	2	1	-	X	1	1	1	1	1	-	2
Propylene (Liquid Or Gas, Ambient)	X	X	-	1	-	-	1	2	1	1	1	1	-
Propylene Dichloride	-	-	-	-	-	-	1	-	1	2	1	X	-
Propylene Glycol	1	1	-	1	1	1	1	2	1	1	1	-	-
Propylene Oxide	X	X	-	-	-	-	-	-	2	1	1	2	-
Purina Insecticide	X	X	-	-	-	-	1	2	1	1	1	1	2
Puropale RX Oils	-	1	-	-	-	2	1	1	1	1	1	1	1
Pyranol, Transformer Oil	2	1	-	-	-	-	1	-	1	1	1	1	-
Pydraul	X	X	-	-	-	-	1	-	-	-	-	-	-
Pydraul 10E, 29E-LT, 30E, 60, 65E, 115E	X	X	-	2	-	-	1	-	1	1	1	1	1
Pydraul 135	-	X	-	2	-	-	1	2	1	1	1	-	-
Pydraul 150	X	X	X	2	X	2	1	2	1	1	1	1	1
Pydraul 280	X	X	X	2	X	2	1	2	1	1	1	-	-
Pydraul 312	X	X	X	2	-	2	1	1	1	1	1	-	-
Pydraul 50E	-	-	-	2	-	2	1	1	1	1	1	-	-
Pydraul 540	X	X	X	2	X	X	1	X	1	1	1	-	-
Pydraul 625	X	X	X	2	X	2	1	2	1	1	1	-	-
Pydraul A-200	X	X	X	2	X	X	1	2	1	1	1	-	-
Pydraul F-9	X	X	X	2	X	2	1	1	1	1	1	-	-
Pyridine (50%)	X	X	-	-	X	1	1	-	1	1	1	1	1
Pyrogard 160, 230, 630	-	-	-	-	-	-	1	-	1	1	1	-	-
Pyrogard 51, 53, 55	-	X	-	-	-	-	1	-	1	1	1	-	-
Pyrogard C, D	-	1	-	-	-	2	1	1	1	1	1	1	1
Q													
Quench Oil	2	2	-	-	-	-	1	-	-	1	1	1	-
Quintolubric 822	2	1	-	-	-	-	1	-	1	1	1	1	1
R													
Ramrod (Ag Spray)	-	-	-	-	-	-	1	1	1	1	1	1	1
Rando Oils	-	1	-	-	-	2	1	1	1	1	1	1	1
Rape Seed Oil	2	X	-	-	X	-	1	2	1	1	1	1	1
Red Oil (Comm. Oleic Acid, MIL-H-5606)	2	2	2	1	2	-	1	1	2	2	1	1	2
Refined Wax (Petroleum)	2	1	2	-	-	2	1	1	1	1	1	-	1
Regal Oils R&O	-	1	-	-	-	2	1	1	1	1	1	1	1
Richfield Weed Killer	X	2	-	-	X	-	1	-	-	-	-	-	-
Round Up	2	2	-	-	-	-	1	1	2	1	1	1	1
Rubilene Oils	-	1	-	-	-	2	1	1	-	-	-	-	-
S													
Salicylic Acid	1	X	-	-	-	-	1	1	1	1	1	2	-
Salt Water (Sea Water)	2	2	2	-	2	1	1	1	2	1	1	X	2
Santosafe W-G15, W-G20, W-G30	-	1	-	-	-	2	1	1	1	1	1	1	1
Santo Safe 300	X	X	-	-	-	-	1	-	1	1	1	1	-
Sevin	-	-	-	-	-	-	1	1	-	-	-	-	-
Sewage	2	2	2	1	2	-	1	1	X	1	1	2	1
SFR Fluid B (Shell)	-	X	-	-	-	-	1	-	-	-	-	-	-
SFR Fluid C (Shell)	-	X	-	-	-	-	1	-	-	-	-	-	-
Shellac	2	1	-	-	-	-	1	1	1	1	1	1	-
Shellac (Bleached)	2	1	-	-	-	-	1	1	1	1	1	1	2
Shellac (Orange)	2	1	-	-	-	-	1	1	1	1	1	1	2
Silicone Greases	2	2	2	-	2	-	1	1	1	1	1	1	1
Silicone Oils	2	2	2	-	2	-	1	1	1	1	1	1	1
Silver Cyanide	1	-	-	-	-	-	1	-	1	1	1	X	-
Silver Nitrate	1	1	1	1	1	-	1	1	2	1	1	1	2
Skydrol 500A& 7000	X	X	X	2	X	-	1	1	1	1	1	1	-
Soap Oil	X	X	-	-	X	-	1	-	1	1	1	-	-
Soap Solutions	2	1	2	1	1	1	1	1	1	1	1	1	1
Soda Ash (Sodium Carbonate)	1	1	1	1	1	1	1	1	1	1	1	X	2
Soda Water	-	-	-	-	-	1	1	1	-	-	-	-	-
Sodium Acetate	X	X	X	1	X	2	1	1	1	1	1	1	1
Sodium Benzoate	-	-	-	-	-	1	1	-	-	-	-	-	-
Sodium Bicarbonate	1	1	1	1	1	1	1	1	2	1	1	2	2
Sodium Bisulfate (Niter Cake)	1	1	1	1	1	1	1	1	X	2	1	X	X
Sodium Bisulfite	1	1	1	1	1	1	1	1	2	1	1	2	-
Sodium Borate	1	1	1	1	1	1	1	1	1	1	1	-	-
Sodium Carbonate	1	1	1	1	1	1	1	1	2	2	2	X	2
Sodium Chlorate	2	1	-	-	1	1	1	1	2	2	2	X	-
Sodium Chloride	1	1	1	1	1	1	1	1	2	2	1	X	X
Sodium Chloride - 2%	1	1	-	-	-	-	1	1	2	2	1	X	X
Sodium Chloride - 5%	1	1	-	-	-	-	1	1	-	2	1	X	X
Sodium Chloride - 5% @ 150°F	1	1	-	-	-	-	1	1	-	2	1	-	X
Sodium Chloride Saturated	1	1	-	-	-	-	1	1	-	1	1	X	-
Sodium Chloride Saturated (Boiling)	-	-	-	-	-	-	1	-	-	2	1	X	-
Sodium Chloride Slurry	-	-	-	-	-	-	1	-	-	-	-	-	-
Sodium Cyanide	1	1	1	1	1	1	1	1	2	1	1	X	X
Sodium Dichromate	2	1	-	1	2	1	1	1	-	-	-	-	-
Sodium Ferricyanide	-	-	-	-	-	-	1	-	2	2	2	-	-
Sodium Ferrocyanide	-	-	-	-	-	-	1	-	-	-	-	-	-
Sodium Fluoride	-	1	-	-	-	-	1	-	2	2	2	-	-
Sodium Fluoride (5%)	-	1	-	-	-	-	1	1	2	2	2	-	-
Sodium Fluoride (70%)	-	-	-	-	-	-	1	-	-	-	2	-	-
Sodium Hydrosulfide	1	X	-	-	-	-	1	-	-	-	-	-	-
Sodium Hydrosulfite	-	-	-	-	-	-	1	-	-	-	-	-	-
Sodium Hydroxide	2	2	-	-	-	-	1	-	2	-	-	-	X
Sodium Hydroxide (3 Molar)	2	2	-	-	-	-	1	-	-	-	-	-	X
Sodium Hydroxide (10%)	-	-	-	1	-	-	1	-	-	-	-	-	-
Sodium Hydroxide (20% Cold)	1	2	-	-	-	-	1	1	1	1	1	X	X
Sodium Hydroxide (20% Hot)	1	X	-	-	-	-	1	-	2	1	1	X	X
Sodium Hydroxide (40%)	1	2	2	1	1	-	1	2	2	1	1	X	X
Sodium Hydroxide (50% Cold)	2	X	X	1	1	-	1	2	2	2	2	X	X
Sodium Hydroxide (50% Hot)	-	-	-	1	2	-	1	X	X	2	2	X	X
Sodium Hydroxide (60%)	2	X	X	1	2	-	1	X	X	2	2	X	X
Sodium Hydroxide (70% Cold)	1	2	-	-	-	-	1	-	-	-	2	X	X
Sodium Hydroxide (70% Hot)	-	-	-	-	-	-	1	-	-	-	-	-	-

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Chemical Resistance Table

Rating Scale:
1 Excellent
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Chemical Name	Gates Hose Polymers (Trade Names) A: Neoprene	C: Nitrile	C_2: Nitrile/PVC	J: CPE	Hypalon	Z: Urethane (cover rating only)	PTFE	Nylon	Couplings & Adapters: Carbon Steel	Stainless Steel 304	Stainless Steel 316	Aluminum	Brass
Sodium Hydroxide (80% Hot)	1	X	-	-	-	-	1	-	X	X	X	X	X
Sodium Hypochlorite	1	X	-	-	-	-	1	-	X	X	X	X	-
Sodium Hypochlorite, 5%	-	X	X	1	1	X	1	1	X	X	2	X	X
Sodium Hypochlorite, 20%	X	X	X	1	1	X	1	2	X	X	2	X	X
Sodium Hyposulfate	X	-	-	-	-	-	1	-	X	1	1	X	-
Sodium Metaphosphate	2	2	2	1	2	-	1	1	X	1	1	1	X
Sodium Nitrate	X	X	-	1	2	1	1	1	1	2	2	2	2
Sodium Perborate	X	X	-	-	X	-	1	2	X	1	1	1	X
Sodium Peroxide (Sodium Dioxide)	1	2	1	2	1	-	1	X	X	1	1	1	X
Sodium Phosphate	X	1	-	1	-	1	1	1	2	1	1	X	X
Sodium Phosphate (Mono)	1	1	-	-	-	-	1	-	-	-	-	-	-
Sodium Phosphate (Dibasic)	2	1	-	-	-	-	1	-	-	-	-	-	-
Sodium Phosphate (Tribasic)	2	1	-	-	-	-	1	-	2	2	2	-	-
Sodium Silicate	1	1	-	1	1	2	1	1	1	1	1	-	1
Sodium Silicate (Hot)	1	1	-	-	-	-	1	-	2	2	2	X	X
Sodium Sulfate	1	1	-	1	1	1	1	1	2	1	1	-	2
Sodium Sulfide	1	1	-	1	1	1	1	1	X	X	2	X	X
Soium Sulfide, Saturated	1	1	-	-	-	-	1	1	2	2	1	X	X
Sodium Sulfite	2	2	2	1	2	1	1	2	1	1	1	-	X
Sodium Sulfite, 5%	1	1	-	-	-	-	1	-	1	1	1	1	-
Sodium Sulfite, 10% @ 150°F	1	1	-	-	-	-	1	-	2	2	2	2	-
Sodium Thiosulfate (HPO, Antichior)	1	1	1	1	1	1	1	1	X	1	1	2	X
Sodium Tripolyphosphate (STPP)	-	-	-	-	-	-	1	-	-	1	1	X	X
Solnus Oils	-	1	-	-	-	2	1	1	1	1	1	1	1
Sour Crude Oil	-	-	-	-	-	-	1	-	-	-	-	-	-
Soybean Oil	2	2	2	-	2	-	1	1	1	1	1	1	-
Spent Acid	-	-	-	-	2	-	1	-	-	1	1	-	-
Stannic Chloride	X	2	2	1	X	-	1	X	X	X	X	X	X
Stannic Chloride, 50%	X	1	-	-	-	-	1	-	X	X	X	X	-
Stannous Chloride (Under 150°F)	1	1	-	1	1	-	1	X	-	X	2	X	-
Stannous Chloride, 15%	1	1	-	-	-	-	1	-	X	X	-	X	-
Starch	2	2	-	-	1	1	1	1	X	1	1	1	-
Steam	USE STEAM HOSE				-	2	1	-	1	1	1	-	2
Stearic Acid	2	2	2	1	2	1	1	1	X	2	1	X	X
Stearin	-	-	-	-	-	1	1	2	-	-	-	-	-
Stoddard Solvent	2	2	X	1	-	X	1	1	2	1	1	1	1
Styrene (Vinyl Benzene)	X	X	-	-	-	-	1	1	1	1	1	1	1
Styrene (Monomer)	-	X	-	2	-	-	1	2	2	X	2	X	2
Sucrose Solutions	1	1	1	-	1	-	1	-	1	1	1	-	-
Sulfamic Acid (10%, Under 170°F)	-	-	-	1	2	-	1	-	-	-	-	-	-
Sulfate Black Liquor	1	1	-	-	-	-	1	1	2	2	2	X	-
Sulfate Green Liquor	1	1	-	-	-	-	1	1	2	2	2	X	-
Sulfur	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfur (Molten)	X	X	-	-	-	-	-	-	-	-	-	-	-
Sulfur Chloride	X	X	X	-	2	-	1	2	X	X	2	X	X
Sulfur Dioxide (Moist)	2	X	-	-	2	-	1	1	-	2	1	1	X
Sulfur Dioxide (Dry)	X	X	X	-	2	-	1	X	2	1	1	1	1
Sulfur Dioxide (Liquid)	2	X	-	-	2	-	1	-	-	-	-	-	-
Sulfur Hexaflouride (Gas)	1	2	-	-	2	-	1	X	-	-	-	-	-
Sulfur Trioxide (Dry)	X	X	X	X	X	-	1	1	2	2	2	2	X
Sulfuric Acid, 85%	X	X	-	-	-	-	1	-	X	2	1	X	-
Sulfuric Acid, 3 Molar	X	X	-	-	-	-	1	-	-	-	-	-	-
Sulfuric Acid, Aerated, No Velocity	-	-	-	-	-	-	1	-	2	2	2	X	-
Sulfuric Acid, Air Free No Velocity	-	-	-	-	-	-	1	-	X	X	2	X	-
Sulfuric Acid, Concentrated	X	X	-	-	-	-	1	-	-	1	1	-	-
Sulfuric Acid, Fuming, Oleum	X	-	-	-	-	-	1	-	2	1	1	2	-
Sulfuric Acid (10%)	1	2	2	1	1	-	1	X	-	X	X	2	X

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Sulfuric Acid (30%)	1	-	-	1	1	-	1	X	X	X	2	X	X
Sulfuric Acid (50%)	2	X	X	1	1	-	1	X	X	X	2	X	X
Sulfuric Acid (75%)	X	X	X	-	2	-	1	X	X	X	2	X	X
Sulfuric Acid (93%)	X	X	X	-	X	-	1	X	2	X	2	X	X
Sulfuric Acid (98%)	X	X	X	X	X	-	1	X	2	X	2	X	X
Sulfurous Acid	2	2	-	-	-	-	1	X	X	X	2	2	-
Sulfurous Acid (10%)	-	X	-	1	1	-	1	-	-	X	2	1	X
Sulfurous Acid (75%)	X	X	X	1	1	-	1	X	X	X	2	X	X
Sun R&O Oils	-	1	-	-	-	2	1	1	1	1	1	1	1
Sunsafe (Fire Resist. Hydr. Fluid)	2	1	-	-	-	2	1	1	1	1	1	1	-
Suntac HPOils	-	1	-	-	-	2	1	1	1	-	1	1	-
Suntac WR Oils	-	1	-	-	-	2	1	1	1	-	1	1	-
Sunvis Oils 700, 800, 900	-	1	-	-	-	2	1	1	1	1	1	-	-
Super Hydraulic Oils (Conoco)	-	1	-	-	-	2	1	1	1	1	1	1	-
Sutan Plus, Herbicide	X	X	X	1	-	-	-	1	1	1	1	1	-
Sutazine Plus, Herbicide	X	X	-	1	-	-	-	1	X	1	1	1	-
Synthetic Oil (Citgo)	-	-	-	-	-	2	-	1	1	1	1	-	-
Syrup	2	1	2	-	-	-	1	1	-	1	1	1	-
T													
Tall Oil (Under 150°F)	2	2	2	-	X	-	1	-	2	X	2	X	-
Tallow	2	2	2	-	-	-	1	1	2	2	2	1	2
Tannic Acid (10%)	2	X	-	1	2	-	1	X	2	1	1	2	X
Tar And Tar Oil	2	-	-	-	-	2	1	1	1	1	1	1	2
Tar (Bituminous, Under 100°F)	2	2	2	X	-	-	1	-	1	1	1	1	2
Tartaric Acid	2	2	2	1	1	-	1	1	X	2	2	2	X
Tellus Oils	-	1	-	-	-	2	1	1	1	1	1	1	1
Tenol Oils	-	1	-	-	-	2	1	1	1	1	1	-	-
Tergitol	-	-	-	-	-	-	1	-	2	1	1	-	2
Terpineol	X	2	-	1	2	-	1	2	-	-	-	-	-
Terresstic	-	1	-	-	-	-	-	1	1	1	1	-	-
Tetraethyl Lead	2	2	-	-	-	-	1	2	-	-	-	-	-
Tetraethyl Lead Blend	X	2	-	-	-	-	1	-	-	-	-	-	-
Tetrahydrofuran (THF)	X	X	-	-	X	2	1	1	2	-	-	-	-
Tetralin	X	X	-	-	X	-	1	2	1	1	1	1	-
Thiopen	X	X	-	-	-	-	1	-	-	-	-	-	-
Titanium Tetrachloride	X	X	X	-	-	-	1	-	1	2	2	X	X
Toluene (Toluol)	X	X	X	X	X	-	1	1	1	1	1	1	1
Toluene Diisocyanate (Under 150°F)	X	-	-	-	-	-	1	-	1	1	1	-	-
Transformer Oil (Askarel Types)	X	X	X	1	X	-	1	-	1	1	1	1	-
Transformer Oil (Petroleum Type)	2	1	2	1	X	2	1	1	1	1	1	1	1
Transmission Fluid, Type A	2	1	2	1	2	-	1	2	1	1	1	1	1
Tributoxyethyl Phosphate	X	X	X	X	X	-	1	2	1	-	-	X	-
Tributyl Phosphate	X	X	X	2	X	-	1	-	1	-	-	X	-
Trichloroethylene	X	X	X	2	X	-	1	2	X	2	1	X	1
Trichloromonofluoroethane (Freon 17)	Use Freon Hose							1	1	1	X	-	
Trichlorotrifluoroethane (Freon 113)	Use Freon Hose						1	1	1	X	-		
Tricresyl Phosphate	X	X	X	1	X	-	1	1	1	2	2	X	-
Triethanolamine (TEA)	2	2	-	1	2	-	1	1	1	1	1	1	1
Tripolyphosphate (STPP)	X	1	-	-	-	-	1	-	-	2	1	X	-
Tung Oil	2	2	-	-	2	-	1	1	1	1	1	1	1
Turpentine	X	2	-	2	X	1	1	1	X	1	1	1	2
Type I Fuel (MIL-S-3136) ASTM Fuel A	2	1	-	-	-	-	1	-	1	1	1	1	-
Type II Fuel (MIL-S-3136)	X	2	-	-	-	-	1	-	1	1	1	1	-
Type III Fuel (MIL-3136) ASTM Fuel B	X	1	-	-	-	-	1	-	1	1	1	1	-

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Chemical Name	Gates Hose Polymers (Trade Names: A, C, C_2, J, Z)								Couplings & Adapters				
	Neoprene	Nitrile	Nitrile/PVC	CPE	Hypalon	Urethane (cover rating only)	PTFE	Nylon	Carbon Steel	Stainless Steel 304	Stainless Steel 316	Aluminum	Brass
U													
Ucon Hydrolube Types 150CP, 200CP	-	1	-	-	-	2	1	1	1	1	1	1	1
Ucon Hydrolube Types 275CP, 300CP, 550CP	-	-	-	-	-	-	1	-	-	-	-	-	-
Ucon M1	-	1	-	-	-	2	1	1	1	1	1	1	1
Union ATF Dexron	-	1	-	-	-	2	1	1	1	1	1	-	-
Union ATF Type F	-	1	-	-	-	2	1	1	1	1	1	1	1
Union C-2 Fluid	-	1	-	-	-	2	1	1	1	1	1	-	-
Union C-POil	-	1	-	-	-	2	1	1	1	1	1	1	1
Union Hydraulic Oil AW	-	1	-	-	-	2	1	1	1	1	1	1	1
Union Hydraulic Tractor Fluid	-	1	-	-	-	2	1	1	1	1	1	1	1
Urea Solution	1	2	-	1	1	2	1	1	1	1	1	2	-
V													
Varnish	X	X	X	-	X	-	1	1	2	1	1	1	2
Vegetable Oils	2	1	2	1	-	2	1	1	1	1	1	1	2
Vegetable Oil (Hot)	-	-	-	-	-	-	1	1	2	2	2	1	2
Versilube	1	1	-	-	-	-	1	-	1	1	1	1	-
Versilube F-50, F-44	2	2	2	-	2	2	1	1	1	1	1	1	1
Vinegar	2	X	X	2	X	-	1	1	X	2	1	X	X
Vinyl Acetate	X	X	X	1	X	-	1	-	2	1	2	1	2
Vinyl Chloride (Chloroethylene, Monomer)	X	X	X	X	X	-	1	-	2	1	1	2	X
Vitrea Oils	X	X	X	-	-	2	1	1	1	1	1	-	-

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W													
Water	1	1	1	1	1	1	1	1	2	1	1	1	1
Water, Acid Mine	2	X	-	-	-	-	1	1	X	2	2	X	X
Water, Brine	2	2	-	-	1	1	1	1	X	2	2	-	-
Water Deionized, (Demineralized)	-	-	-	-	-	-	1	-	-	-	-	-	-
Water, Distilled	2	1	-	-	1	1	1	1	X	1	1	1	1
Water, Fresh	1	1	-	-	-	-	1	1	X	1	1	1	X
Water In Oil Emulsions	-	-	-	-	-	2	1	1	-	-	-	-	-
Water, Potable (FDA Tube Only)	Use FDA Hose Only							-	-	-	-	-	-
Water, Salt	2	1	-	-	-	-	1	1	X	2	2	X	X
White & Bagley No. 2190 Cutting Oil	2	1	-	-	-	-	1	-	-	-	-	-.	-
Wines	2	1	1	1	1	-	1	1	2	2	2	1	-
Wood Oil	2	1	-	1	2	1	1	1	1	1	1	1	-
X													
Xylene	X	X	-	X	-	2	1	X	2	2	2	-	-
Z													
Zeric	-	1	-	-	-	2	1	2	-	-	-	-	-
Zinc Acetate	2	X	-	-	X	-	1	2	1	1	1	1	1
Zinc Chloride Solutions	1	1	1	1	1	-	1	1	X	2	1	X	X
Zinc Chromate	-	-	-	1	1	-	1	-	-	1	1	-	-
Zinc Hydrate	-	-	-	-	-	2	1	-	-	-	-	-	-
Zinc Sulfate Solutions	2	2	2	1	2	-	1	2	X	2	1	X	X

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POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
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Nomographic Chart

Flow Capacity of Hose Assemblies at Recommended Flow Velocities

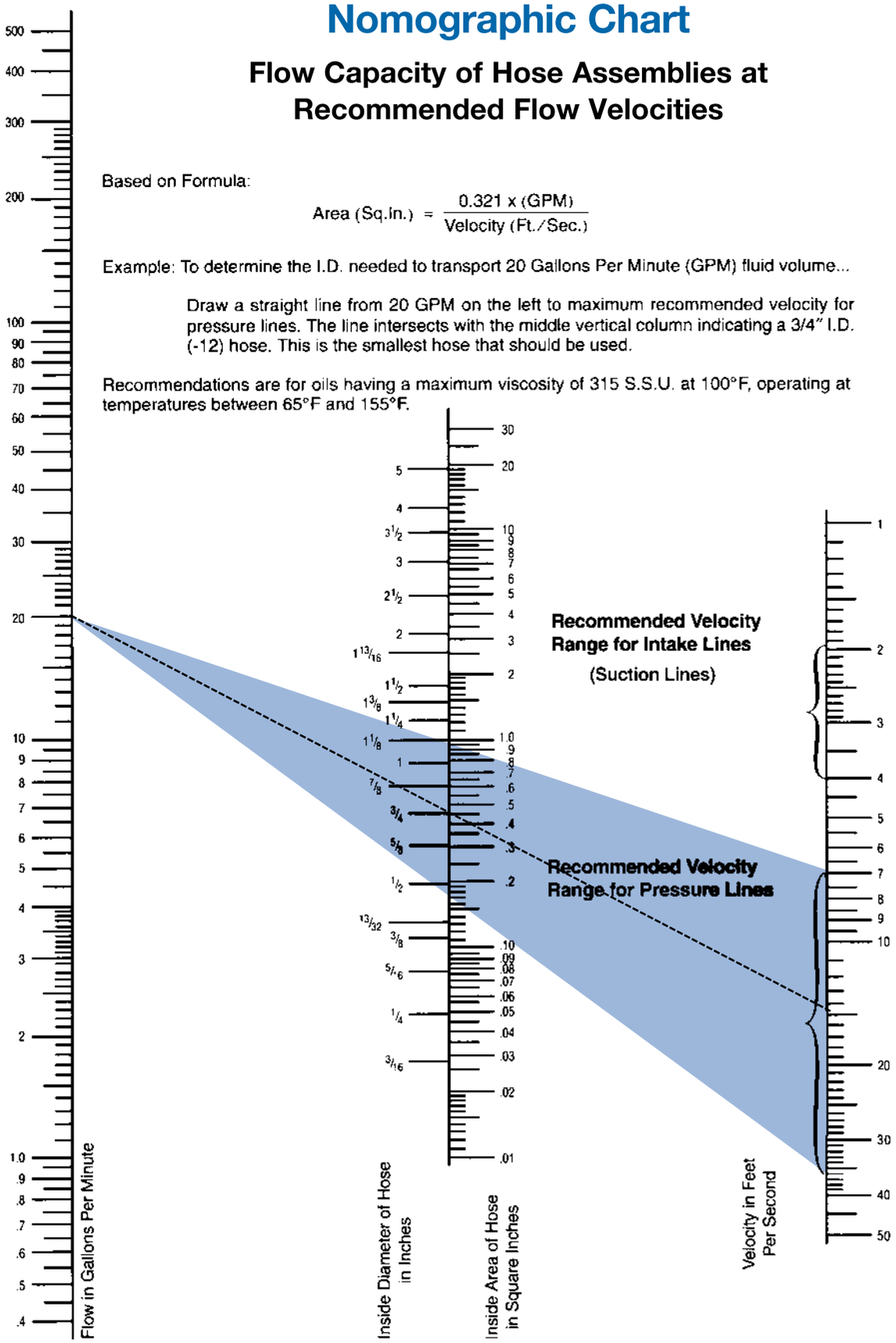
Based on Formula:

$$\text{Area (Sq.In.)} = \frac{0.321 \times \text{(GPM)}}{\text{Velocity (Ft./Sec.)}}$$

Example: To determine the I.D. needed to transport 20 Gallons Per Minute (GPM) fluid volume...

Draw a straight line from 20 GPM on the left to maximum recommended velocity for pressure lines. The line intersects with the middle vertical column indicating a 3/4" I.D. (-12) hose. This is the smallest hose that should be used.

Recommendations are for oils having a maximum viscosity of 315 S.S.U. at 100°F, operating at temperatures between 65°F and 155°F.



Properties of C14 PTFE Tube

Tensile Strength, 73°F (23°C)		1500-3000 Lb./Sq. In.
Elongation, 73°F (23°C)		100-200%
Stiffness, 73°F (23°C)		60,000 Lb/Sq. In.
Impact Strength	@70°F (21°C)	2.0 Ft.-Lb./In.
	@73°F (23°C)	3.5 Ft.-Lb./In.
	@170°F (77°C)	6.0 Ft.-Lb./In.
Hardness, Durometer		D55-D70 Shore D
Compressive Stress at		
1% Deformation	@73°F (23°C)	600 Lb./Sq.In.
1% Offset	@73°F (23°C)	1000 Lb./Sq.In.
Deformation Under Load, 24 Hrs. @ 122°F (50°C)		
1200 Lb./Sq.In.		4-8%
2000 Lb./Sq.In.		25%
Heat-Distortion Temperature @66 Lb./Sq. In.		250°F (121°C)
Coefficient of Linear Thermal Expansion per °F; 77-140°F (25-60°C)		5.5×10^{-5}
Thermal Conductivity 0.18 In.		1.7 B.T.U./Hr./Sq.Ft./°F/In.
Specific Heat		0.25 B.T.U./Lb./°F
Water Absorption		0.0%
Flammability		Nonflammable
Specific Gravity		2.1-2.3

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Electrostatic Discharge

Most applications of PTFE hose do not require the use of a conductive inner tube. Under certain applications, the potential for Static Discharge must be considered. Be aware that static electricity can be a hazard. Under those conditions where static discharge can occur, the use of conductive Gates C14CT hose is recommended. The following should serve to increase your knowledge and understanding of this phenomenon and how to avoid its occurrence:

When two different materials contact each other, electrons from one material can move across its boundary and associate with the other. These electrons align themselves with the material contacted. If the two materials are good conductors of electricity, the positive and negative electrons flow back and forth between them, keeping them in balance. If one or both are insulators, the flow will not occur. A charge will then build up on the surface of one of the materials. When the charge exceeds the electric strength of the material, electric breakdown results.

In applying this to PTFE hose, we have to consider fluids and gases that are poor conductors of electricity and the flow rates of those fluids and gases. In order for a liquid or gas to be a poor electrical conductor, it will generally satisfy one or both of the following conditions:

1. Be nonpolar; that is, an imbalance between protons and electrons, and/or
2. Contain a nonmixable component or a suspended solid; such as water in kerosene.

So when a liquid contacts a PTFE tube that isn't a good conductor (white PTFE innercore), the result is phase separation and the electric charge starts to build. The rate at which static electricity builds up now becomes a function of the fluid flow rate. When the electric strength of the PTFE tube is exceeded, the electric charge will **puncture the tube wall and ground itself on the stainless steel braid of the hose.**

In hydraulics, high pressures generally mean high velocities. Historically, fluids were filtered upstream of the hoses using metallic filter elements. The metallic element helped to ground the charge. But, today, most filtration is done with paper-type and glass-fiber filter elements that have a tendency to inject an electrostatic charge into the fluid they are filtering.

***Steam and fuels are two specific areas of concern.* No hoses in this catalog can or should be used in steam applications. Contact Gates Product Application for proper hose recommendation.**

Fuels (i.e., gasoline and white spirits, hydrazine, benzene, diesel oils, etc.) are, for the most part, "nonconductive" liquids and have a resistance greater than 108 ohm. These fluids usually are transferred at fairly low velocities, but there still is a potential for an electrostatic discharge due to external factors, such as humidity and, to some extent, temperature. You should take all of these factors into account even at fluid velocities at or below 1 meter per second.

When using PTFE hose, you can offset the potential hazard of electrostatic discharge by using a conductive Gates C14CT hose. Carbon is added to the PTFE inner tube wall during manufacture. The carbon layer directs the electrostatic charge down the inner diameter of the hose to the metal end fittings. This prevents the charge from building up on the inner tube wall.

So, it's important to examine any application where nonconductive fluids are used and any of the above conditions exist. This section is not meant to cover all conditions or situations when they involve fuels, steam or other media which may cause electrostatic buildup or potential discharge. If you need help on any individual application, contact Hose/Connector Product Application, Denver.

Following is a list of some of the chemicals that meet at least one of the criteria necessary to create electrostatic discharge:

- Cyclohexane
- Decalin
- Diacetone
- Dibutyl Ether
- Dibutyl Phthalate
- Dibutyl Sebacate
- Dimethyl Phthalate
- Dioctyl Phthalate
- Dipentene
- Fuel Oil
- Gasoline
- Hexane
- Hexene
- Hydrazine
- Kerosene
- Lacquers
- Lacquer Solvents
- Naphtha
- Naphthalene
- Octane
- Paint
- Petroleum
- Pinene
- Silicone Oils
- Skydrol 500 & 700
- Steam
- Toluene
- Transformer Oil
- Turpentine
- Varnish
- Versilube

General Industry Practice has identified the above fluids as requiring a conductive hose—Gates C14CT.

Effusion/Corrosion for PTFE Hose and Hose Assemblies

What is Effusion?

It is the process where chemical molecules move through the PTFE wall and escape from a hose or hose assembly. It is sometimes called permeation. The rate at which effusion occurs depends upon temperature, pressure, wall thickness and the hose material.

The fact that effusion occurs isn't the problem. This process will happen with most all media in most hose material.

The basic issues are:

1. At what rate will effusion occur?
2. How hazardous are the media?
3. In what kind of environment does effusion take place; closed room, outside, etc.?

General media concerns regarding the potential effects of effusion:

- Media where corrosion is not of concern, but effusion may displace the air we breathe, thus becoming a hazard to personnel.

  Some of the chemicals in this category are:

  - Carbon Dioxide
  - Nitrogen
  - Steam
  - Oxygen
  - Helium
  - Neon
  - Argon
  - Xenon
  - Krypton

- Media that can effuse in their "vapor phase"; i.e., their boiling point is below approximately +52°C (+125°F) at atmospheric pressure. These media can form chemicals that can corrode the braid and/or cause injury to personnel.

  Some of these include:

  - Acetaldehyde (Flammable, toxic)
  - Benzene (Flammable, toxic)
  - Liquid Butane (Flammable)
  - Carbon Disulfide (Flammable, toxic)
  - Diethyl Ether (Flammable, narcotic)
  - Ethyl Mercaptan (Flammable, toxic)
  - Hydrochloric Acid (Corrosive, toxic)
  - Lacquer Solvents (Flammable)
  - Methyl Bromide (Flammable, toxic, corrosive)
  - Methylene Chloride (Toxic)
  - Methyl Formate (Flammable, toxic)
  - Liquid Propane (Flammable)
  - Sulphur Trioxide (Corrosive, toxic)
  - Liquid Chlorine (Corrosive, toxic)

- Media with the potential to effuse and cause corrosion of the braid reinforcement and fitting materials. These chemicals are all gases while at atmospheric pressure and a temperature of +13°C (+56°F) or lower.

  Some of these chemicals are:

  - Acetylene (Flammable)
  - Butadiene (Flammable)
  - Butane Gas (Flammable)
  - Carbon Monoxide (Toxic, flammable)
  - Chlorine (Toxic, corrosive)
  - Chlorine Trifluoride (Toxic, corrosive)
  - Ethyl Chloride (Toxic, corrosive)
  - Hydrogen (Flammable)
  - Hydrogen Chloride (Corrosive, toxic)
  - Hydrogen Sulfide (Flammable, toxic)
  - Hydrocyanic Acid (Flammable, toxic)
  - Hydrogen Cyanide (Flammable, toxic)
  - Coke Oven Gas (Flammable, toxic)
  - Natural Gas (Flammable, toxic)
  - Propane Gas (Flammable)
  - Sulfur Dioxide (Corrosive)
  - Vinyl Chloride Monomer (Toxic, corrosive)

It is important that hose assemblies used in these applications are installed in well-vented areas to avoid potential problems for personnel and/or equipment.

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Hydraulic System Pressure Drop

What is Pressure Drop?

As related to our business, pressure drop is the difference between the pressure of a fluid as it enters one end of a hydraulic hose assembly and the pressure of that fluid as it leaves the other end. There will be a difference in pressure, and it will be less. How much less depends on what is between the beginning and end of the hose assembly. Here are some examples of things that can influence the amount of pressure drop.

1. FRICTION — This is the rubbing of fluid against the inside walls of the hose assembly.
2. TYPE OF FLUID — Different fluids behave differently under pressure. Thicker fluids are moved with greater difficulty and will exhibit greater pressure drop.
3. TEMPERATURE OF THE FLUID — Warming fluid thins it so it flows more easily, as with automotive oil.
4. LENGTH OF HOSE ASSEMBLY — The longer it is, the more surface there is for friction to decrease pressure.
5. SIZE (I.D.) OF HOSE — Affects the fluid velocity for a given flow rate. Higher velocities result in greater pressure drop. Therefore, a larger I.D. hose will produce less pressure drop.
6. TYPE OF COUPLINGS & ADAPTERS — Any change in bore or change in direction (such as with 45° or 90° elbows) can increase the amount of pressure drop.
7. FLOW RATE — Pressure drop increases with flow rate for same size hose.

Who Cares About Pressure Drop?

Suppose you need 4,000 psi of output from a hose assembly for hydraulic equipment to run efficiently. There will be some pressure drop and you must allow for it in helping to plumb the system with Gates hose, couplings and adapters. This means that the input pressure to the hose assembly must be equal to the output plus the amount of pressure drop. If the pressure drop in this example is 150 psi, then you will need 4,150 psi of input.

How Can You Determine the Amount of Pressure Drop?

That's the easy part of it. Contact your local Gates representative who is trained and equipped to quickly solve such problems for you. He will need input variables and fittings used from you as shown (see below). A Gates Pressure Drop analysis printed below will then be provided for your application.

Sample Pressure Drop Analysis

Input Variables:

Flow Rate: 15 (GPM)

Viscosity: 20.0 (Centistokes)

Specific Gravity: 0.85

Free Hose Length: 20.0 (ft)

Fittings Used:

1. Standard Straight Fitting
2. 90-Degree Angle Coupling

Dash Size (1/16")	Velocity (Ft/Sec)	Hose Pressure Drop (psi/Ft)	Total Pressure Drop-Hose & Fittings (psi)	(1) Reynolds Number	(2) Heat Gain (BTUH)	(3) Horse-power Loss
5	62.8	28.8	789.6	7584	17483	6.87
6	43.6	12.2	399.1	6320	8838	3.47
8	24.5	3.2	81.3	4740	1801	0.71
*10	15.7	1.1	31.2	3792	691	0.27
12	10.9	0.5	12.7	3160	280	0.11
16	6.1	0.1	2.6	2730	58	0.02
20	3.9	0.0	0.8	1896	18	0.01

*Recommended hose size, based on velocity, pressure drop, heat gain and hp loss.

(1) **Reynolds Number** = $\frac{\text{inertia flow forces}}{\text{friction forces (or viscosity)}}$ indicates the type of flow.

Reynolds No. Range	Type of Flow
0–2000	Laminar
2000–3000	Transient
3000 +	Turbulent

(2) **Heat Gain** is the total amount of energy converted to heat energy that will raise the fluid temperature if it is not dissipated.

(3) **Horsepower Loss** is a measure of the conversion of mechanical energy to heat energy and is related to system heat gain.

Pressure Drop Data Form

Fill in all the following BEFORE contacting your local Gates representative for assistance in solving pressure drop problems or contacting Gates Product Application. You can now conveniently calculate your own pressure drops by visiting www.gates.com/pressuredrop.

Your Name: _____

Date: _____/_____/_____

Customer's Name: _____ Location: _____

Type of Application: _____

I. FLUID DATA NEEDED:

A. Viscosity (thickness) in:

1. Centistokes (mm^2/sec.) _____

or or

2. Saybolt Seconds Universal (SSU) _____

or or

3. $Ft.^2$/sec. _____

B. Specific Gravity _____

C. Or, if you cannot determine A & B above, then give:

1. Fluid brand name and type _____

2. Fluid temperature _____

D. Flow rate (GPM) _____

II. HOSE DATA NEEDED:

A. Size (I.D.) in inches or dash size _____

B. Length of assembly in feet _____

III. COUPLING and ADAPTER DATA NEEDED:

List quantity and catalog description of each coupling and adapter used in the hose assembly.

_____

_____

_____

_____

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Pressure Conversions

Metric to PSI

(1 kPa = .145 psi)

Kilo Pascals (kPa)	Mega Pascals (MPa)	Bar (Bar)	Pounds per Square Inch (psi)
100	0.1	1	14.5
200	0.2	2	29.0
300	0.3	3	43.5
400	0.4	4	58.0
500	0.5	5	72.5
600	0.6	6	87.0
700	0.7	7	101.5
800	0.8	8	116.0
900	0.9	9	130.5
1,000	1.0	10	145.0
2,000	2.0	20	290.1
3,000	3.0	30	435.1
4,000	4.0	40	580.2
5,000	5.0	50	725.2
6,000	6.0	60	870.2
7,000	7.0	70	1,015.3
8,000	8.0	80	1,160.3
9,000	9.0	90	1,305.3
10,000	10	100	1,450
20,000	20	200	2,901
30,000	30	300	4,351
40,000	40	400	5,802
50,000	50	500	7,252
60,000	60	600	8,702
70,000	70	700	10,153
80,000	80	800	11,603
90,000	90	900	13,053
100,000	100	1000	14,504
200,000	200	2000	29,008
300,000	300	3000	43,511

PSI to Metric

(1 psi = 6.89 kPa)

Pounds per Square Inch (psi)	Kilo Pascals (kPa)	Mega Pascals (MPa)	Bar (Bar)
10	68.9	0.07	0.7
20	137.9	0.14	1.4
30	206.8	0.21	2.1
40	275.8	0.28	2.8
50	344.7	0.34	3.4
60	413.7	0.41	4.1
70	482.6	0.48	4.8
80	551.6	0.55	5.5
90	620.5	0.62	6.2
100	689	0.7	6.9
200	1,379	1.4	13.8
300	2,068	2.1	20.7
400	2,758	2.8	27.6
500	3,447	3.4	34.5
600	4,137	4.1	41.4
700	4,826	4.8	48.3
800	5,516	5.5	55.2
900	6,205	6.2	62.1
1,000	6,895	6.9	68.9
2,000	13,790	13.8	137.9
3,000	20,684	20.7	206.8
4,000	27,579	27.6	275.8
5,000	34,474	34.5	344.7
6,000	41,369	41.4	413.7
7,000	48,263	48.3	482.6
8,000	55,158	55.2	551.6
9,000	62,053	62.1	620.5
10,000	68,948	68.9	689
20,000	137,895	137.9	1,379
30,000	206,843	206.8	2,068
40,000	275,790	275.8	2,758

Examples

(A) Convert 3,429 psi to the equivalent pressure in Bar.

	3,000 psi	=	206.8	Bar
+	400 psi	=	27.6	Bar
+	20 psi	=	1.4	Bar
+	9 psi	=	.62	Bar
	3429 psi	=	236.42	Bar

(B) Convert 3,429 psi to the equivalent pressure in MPa.

	3,000 psi	=	20.680	MPa
+	400 psi	=	2.760	MPa
+	20 psi	=	.140	MPa
+	9 psi	=	.062	MPa
	3,429 psi	=	23.642	MPa

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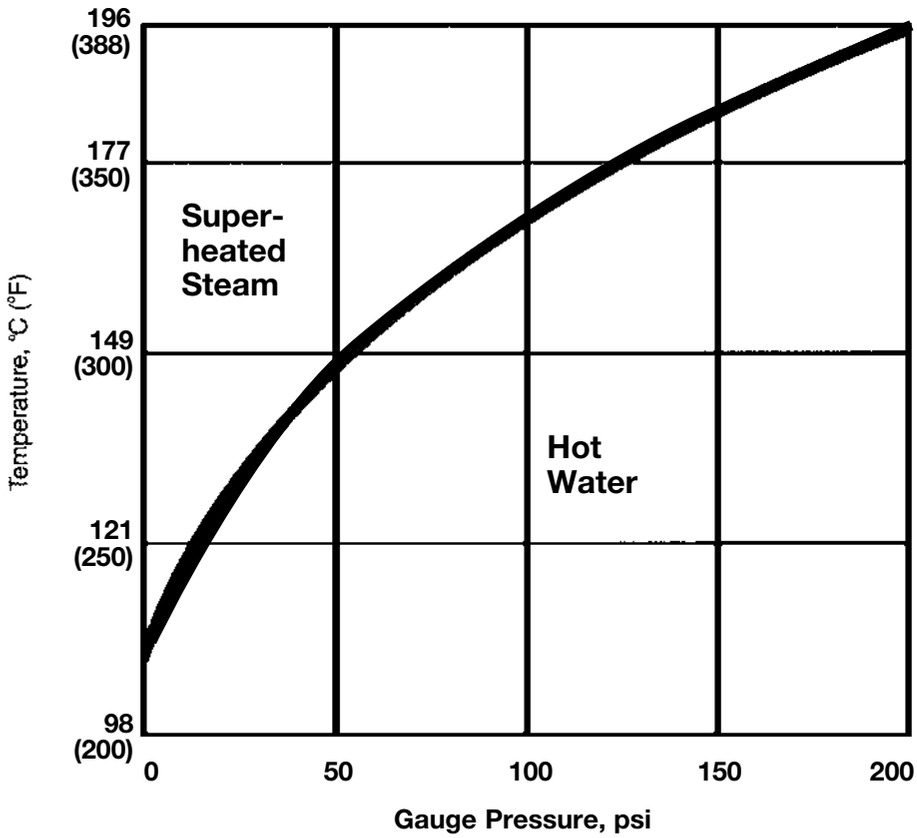
Steam Conditions

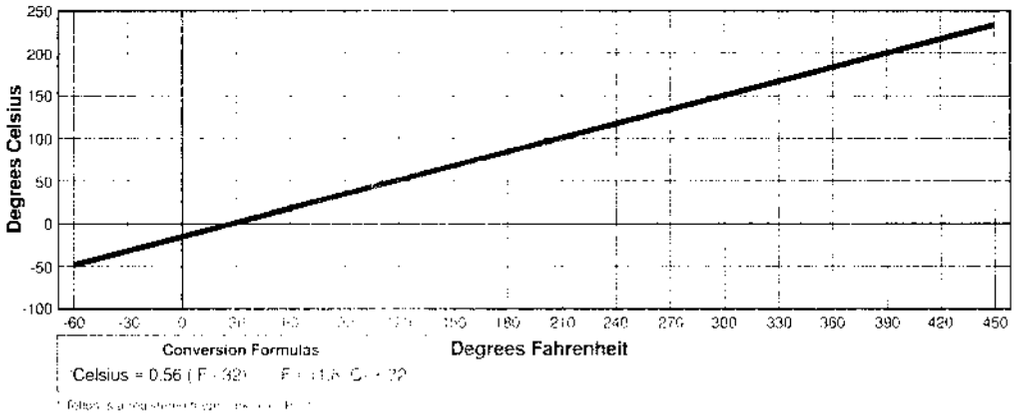
The chart below shows steam conditions. The heavy black line is the boiling point of water at various gauge pressures. Any point on the line represents saturated steam. Any point below the line represents Hot Water and any point above the line represents Superheated Steam.

Caution: 198°C (388°F) at 200 psi is the maximum recommended steam condition for Gates C14 hose.

Caution: Considering the potential for electrostatic discharge, Gates C14CT "conductive" hose is recommended.



Fahrenheit-Celsius Conversion



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Fahrenheit-Celsius Conversion

Look up a temperature reading in the middle column (shaded). If it's in degrees Centigrade, read the Fahrenheit equivalent in the right-hand column. If it's in degrees Fahrenheit, read the Centigrade equivalent In the left-hand column.

C	F\C	F
-68	-90	-130
-62	-80	-112
-57	-70	-94
-51	-60	-76
-46	-50	-58
-40	-40	-40
-34	-30	-22
-29	-20	-4
-23	-10	14
-17.8	0	32
-17.2	1	33.8
-16.7	2	35.6
-16.1	3	37.4
-15.6	4	39.2
-15.0	5	41.0
-14.4	6	42.8
-13.9	7	44.6
-13.3	8	46.4
-12.8	9	48.2
-12.2	10	50.0
-11.7	11	51.8
-11.1	12	53.6
-10.6	13	55.4
-10.0	14	57.2
-9.4	15	59.0
-8.9	16	60.8
-8.3	17	62.6
-7.8	18	64.4
-7.2	19	66.2
-6.7	20	68.0
-6.1	21	69.8
-5.6	22	71.6
-5.0	23	73.4
-4.4	24	75.2
-3.9	25	77.0
-3.3	26	78.8
-2.8	27	80.6
-2.2	28	82.4
-1.7	29	84.2
-1.1	30	86.0
-.6	31	87.8
0	32	89.6
.6	33	91.4
1.1	34	93.2
1.7	35	95.0
2.2	36	96.8
2.8	37	98.6
3.3	38	100.4
3.9	39	102.2
4.4	40	104.0

C	F\C	F
5.0	41	105.8
5.6	42	107.6
6.1	43	109.4
6.7	44	111.2
7.2	45	113.0
7.8	46	114.8
8.3	47	116.6
8.9	48	118.4
9.4	49	120.2
10.0	50	122.0
10.6	51	123.8
11.1	52	125.6
11.7	53	127.4
12.2	54	129.2
12.8	55	131.0
13.3	56	132.8
13.9	57	134.6
14.4	58	136.4
15.0	59	138.2
15.6	60	140.0
16.1	61	141.8
16.7	62	143.6
17.2	63	145.4
17.8	64	147.2
18.3	65	149.0
18.9	66	150.8
19.4	67	152.6
20.0	68	154.4
20.6	69	156.2
21.1	70	158.0
21.7	71	159.8
22.2	72	161.6
22.8	73	163.4
23.3	74	165.2
23.9	75	167.0
24.4	76	168.8
25.0	77	170.6
25.6	78	172.4
26.1	79	174.2
26.7	80	176.0
27.2	81	177.8
27.8	82	179.6
28.3	83	181.6
28.9	84	183.2
29.4	85	185.0
30.0	86	186.8
30.6	87	188.6
31.1	88	190.4
31.7	89	192.2
32.2	90	194.0
32.8	91	195.8

C	F\C	F
33.3	92	197.6
33.9	93	199.4
34.4	94	201.2
35.0	95	203.0
35.6	96	204.8
36.1	97	206.6
36.7	98	208.4
37.2	99	210.2
37.8	100	212.0
43	110	230
49	120	248
54	130	266
60	140	284
66	150	302
71	160	320
77	170	338
82	180	356
88	190	374
93	200	392
99	210	410
100	212	413.6
104	220	428
110	230	446
116	240	464
121	250	482
127	260	500
132	270	518
138	280	536
143	290	554
149	300	572
154	310	590
160	320	608
166	330	626
170	338	640
171	340	644
177	350	662
182	360	680
186	366	691
188	370	698
193	380	716
198	388	730
199	390	734
204	400	752
208	406	763
210	410	770
216	420	788
221	430	806
227	440	824
232	450	842

Decimal and Millimeter Equivalents of Fractions

Inches Fractions	Inches Decimals	Millimeters
1/64	.015625	.397
1/32	.03125	.794
3/64	.046875	1.191
1/16	.0625	1.588
5/64	.078125	1.984
3/32	.09375	2.381
7/64	.109375	2.778
1/8	.125	3.175
9/64	.140625	3.572
5/32	.15625	3.969
11/64	.171875	4.366
3/16	.1875	4.763
13/64	.203125	5.159
7/32	.21875	5.556
15/64	.234375	5.953
1/4	.250	6.350
17/64	.265625	6.747
9/32	.28125	7.144
19/64	.296875	7.541
5/16	.3125	7.938

Inches Fractions	Inches Decimals	Millimeters
23/64	.359375	9.128
3/8	.375	9.525
25/64	.390625	9.922
13/32	.40625	10.319
27/64	.421875	10.716
7/16	.4375	11.113
29/64	.453125	11.509
15/32	.46875	11.906
31/64	.484375	12.303
1/2	.500	12.700
33/64	.515625	13.097
17/32	.53125	13.494
35/64	.546875	13.891
9/16	.5625	14.288
37/64	.578125	14.684
19/32	.59375	15.081
39/64	.609375	15.478
5/8	.625	15.875
41/64	.640625	16.272
21/32	.65625	16.669

Inches Fractions	Inches Decimals	Millimeters
11/16	.6875	17.463
45/64	.703125	17.859
23/32	.71875	18.256
47/64	.734375	18.653
3/4	.750	19.050
49/64	.765625	19.447
25/32	.78125	19.844
51/64	.796875	20.241
13/16	.8125	20.638
53/64	.828125	21.034
27/32	.84375	21.431
55/64	.859375	21.828
7/8	.875	22.225
57/64	.890625	22.622
29/32	.90625	23.019
59/64	.921875	23.416
15/16	.9375	23.813
61/64	.953125	24.209
31/32	.96875	24.606
63/64	.984375	25.003
1	1.000	25.400

Metric (SI) — U.S. Units for Fluid Power Use

(The following conversions are based on information taken from ASTM, American Society for Testing and Materials, Handbook E380-72.)

Quantity	Customary U.S. Unit	SI Unit	Conversion from U.S. to SI Units	Conversion from SI to U.S. Units
Area	Square Inch (in^2)	Square Metre (m^2)	(in^2) x (6.4516 x 10 -4) = (m^2)	(m^2) x 1550.003 = (in^2)
Force	Pound (lb_f)	Newton (N)	(lb_f) x 4.4482 = (N)	(N) x (2.2481 x10^{-1}) = (lb_f)
Frequency	Cycles/Second (cps)	Hertz (H_z)	1 (cps) = 1(H_z)	1(H_z) = 1(cps)
Length	Inch (in)	Metre (m)	(in) x (2.540 x 10^{-2}) = (m)	(m) x 39.370 = (in)
Mass	Pound (lb_m)	Kilogram (kg)	(lb_m) x .4536 = (kg)	(kg) x 2.2046 = (lb_m)
Power	Electric Horsepower (HP)	Watt (W)	(HP) x (7.460 x 10^2) = (W)	(W) x (1.3405 x 10^{-3}) = (HP)
Pressure	Pounds/Sq In (psi)	Newtons/Sq Metre (N/m^2)	(psi) x (6.8948 x 103) = (N/m^2)	(N/m^2) x (1.4504 x 10^{-4}) = (psi)
			(Non-Preferred Conversions)	
	(psi)	Mega Pascal (MPa)	(psi)/145 = MPa	(MPa) x 145 = (psi)
	(psi)	Bar (Bar)	psi/14.5 = Bar	(Bar) x (1.4504 x 10^1) = (psi)
	(Bar)	(N/m^2)	(Bar) x 100,000 = (N/m^2)	(N/m^2) x (1.00 x 10^{-5}) = (Bar)
Temperature	Degrees Fahrenheit (°F)	Degrees Celsius (°C)	(°Celsius) = 0.556(°F-32)	(1.8°C) + 32 = °F
Torque	Pound-Inch (lb_f-in)	Newton-Metres (N-m)	(lb_f-in) x (1.1298 x 10^{-1}) = (N-m)	(N-m) x 8.8507 = (lb_f-in)
	US Gallon (Gal)	Cubic Metre (m^3)	(Gal) x (3.7854 x 10^{-3}) = (m^3)	(m^3) x (2.6417 x 10^2) = (Gal)
Volume			(Non-Preferred Conversions)	
		Litre (l)	(Gal) x 3.7854 = (l)	(l) x (2.6417 x 10^{-1}) = (Gal)
Work	Foot-Pound (ft-lb_f)	Joule (J)	(ft-lb_f) x 1.3558 = (J)	(J) x (7.3756 x 10^{-1}) = (ft-lb_f)

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
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MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

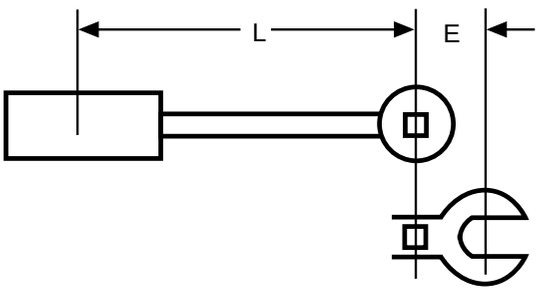
Tightening and Torque Recommendations for Hydraulic Couplings

The art of making a leak-proof connection with hydraulic couplings is to tighten the couplings properly at the time of installation. An over-tightened coupling may be just as apt to leak as an under-tightened coupling. This is because over-tightening a coupling may result in overstressing and/or cracking.

The torque values in the following tables give the minimum and maximum torque recommendations. The minimum value will create a leak-proof seal under most conditions. Applying torque values greater than the maximum recommendation will distort and/or crack the fitting. Values listed in SAE J514 are for qualification testing only and should not be used as the basis for setting up torque values for a production environment. These need to be established based on the coupling manufacturer's recommendations.

When tightening couplings, make sure that the hose does not twist on the adapter. Twisting will shorten hose life and scar the sealing surfaces of swivel type couplings (JIC, 45°, etc.), which can create leaks. For straight couplings, use a torque wrench on the hex swivel nut and a standard box wrench on the stem hex. Bent tube couplings can be restrained by holding onto the ferrule. When a crowsfoot wrench is used with a torque wrench, adjustments to the torque readings must be made otherwise over-tightening will occur. The distance E, as shown below, from the center of the drive socket to the center of the crowsfoot must be added to the torque value reading.

The following equation can be used to make these adjustments:



$$\text{Actual Torque} = \frac{(E+L)}{L} \times (\text{Torque Wrench Reading}), \text{ where}$$

- L is in inches
- E is in inches
- Torque is in lb.-in., lb.-ft, or Newton-Meters

An example of using this equation is shown below:

Torque wrench reading = 45 lb.-ft.
E = 1.5 inches
L = 12 inches

$$\text{Actual Torque} = \frac{(1.5+12)}{12} \times (45) = 50.6 \text{ lb.-ft}$$

This example shows that the actual torque is approximately 10 percent higher than the reading indicates. All torque recommendations are based on dry threads. If oil or thread sealant is used, the maximum recommended torque values could be decreased by as much as 25 percent.

We do recommend lubricating all O-rings prior to insertion into flange head and ORS grooves. This will minimize the possibility of nicking the O-ring when it is installed. The torque values obtained from tightening pipe threads can vary considerably, depending on the conditions of the threads. Adequate sealing can occur at values much lower than the maximum values listed in the chart. However, the minimum torque values must be used to obtain adequate sealing.

Coupling & Adapter Installation Torque Recommendations — Continued

For 37° & 45° (Machined or Flared) and MegaSeal®

Size		Steel				Brass			
	Fractional	Ft. Lbs.		Newton-Meters		Ft. Lbs.		Newton-Meters	
Dash	(In.)	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
-4	1/4	10	11	13	15	5	6	6-3/4	9
-5	5/16	13	15	18	20	7	9	10	13
-6	3/8	17	19	23	26	12	15	17	20
-8	1/2	34	38	47	52	20	24	27-2/3	33
-10	5/8	50	56	69	76	34	40	46-1/3	55
-12	3/4	70	78	96	106	53	60	72-1/3	82
-16	1	94	104	127	141	74	82	100-1/2	111
-20	1-1/4	124	138	169	188	75	83	101-1/2	113
-24	1-1/2	156	173	212	235	79	87	107	118
-32	2	219	243	296	329	158	175	214	237

For Flat-Face O-Ring Seal (Steel)

Size		Ft.-Lbs.		Newton-Meters	
	Fractional				
Dash	(In.)	Min.	Max	Min.	Max.
-4	1/4	10	12	14	16
-6	3/8	18	20	24	27
-8	1/2	32	40	43	54
-10	5/8	46	56	60	75
-12	3/4	65	80	90	110
-14	7/8	65	80	90	110
-16	1	92	105	125	240
-20	1-1/4	125	140	170	190
-24	1-1/2	150	180	200	245

For SAE O-Ring Boss (Steel) & Gates Adapterless

Size		Ft.Lbs. Working Pressures 4,000 psi (27.5 Mpa) and below		Newton-Meters Working Pressures 4,000 psi (27.5 Mpa) and below		Ft.Lbs. Working Pressures Above 4,000 psi (27.5 Mpa)		Newton-Meters Working Pressures Above 4,000 psi (27.5 Mpa)	
Dash	Fractional (In.)	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
-3	3/16	–	–	–	–	8	10	11	13
-4	1/4	14	16	20	22	14	16	20	22
-5	5/16	–	–	–	–	18	20	24	27
-6	3/8	24	26	33	35	24	26	33	35
-8	1/2	37	44	50	60	50	60	68	78
-10	5/8	50	60	68	81	72	80	98	110
-12	3/4	75	83	101-1/2	113	125	135	170	183
-14	7/8	–	–	–	–	160	180	215	245
-16	1	111	125	150	170	200	220	270	300
-20	1-1/4	133	152	180	206	210	280	285	380
-24	1-1/2	156	184	212	250	270	360	370	490

For BSP 30° Inverted Cone

Size		Ft.-Lbs.		Newton-Meters	
	Fractional				
Dash	(In.)	Min.	Max	Min.	Max.
-2	1/8	7	9	9	12
-4	1/4	11	18	15	24
-6	3/8	19	28	26	38
-8	1/2	30	36	41	49
-10	5/8	37	44	50	60
-12	3/4	50	60	68	81
-16	1	79	95	107	129
-20	1-1/4	127	152	172	206
-24	1-1/2	167	190	226	258
-32	2	262	314	355	426

For DIN 2353 12°, 30° and Universal Inverted Cone

Size		Ft.-Lbs.		Newton-Meters	
Light Series Tube O.D. (mm)	Heavy Series Tube O.D. (mm)	Min.	Max	Min.	Max.
-6	—	7	15	10	20
-8	—	15	26	20	35
-10	-8	18	30	25	40
-12	-10	22	33	30	45
-14	-12	26	37	35	50
-15	-14	30	52	40	70
—	-16	30	52	40	70
-18	—	44	74	60	100
-22	-20	59	89	80	120
-28	-25	74	111	100	150
—	-30	74	162	150	220
-35	—	133	184	180	250
-42	-38	148	221	200	300

Maximum Recommended Torque for Dry NPTF (Tapered) Pipe Threads*

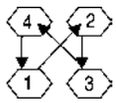
Size	Ft-Lbs.	Newton-Meters
-2	20	25
-4	25	35
-6	35	45
-8	45	60
-12	55	75
-16	65	90
-20	80	110
-24	95	130
-32	120	160

*NOTES:

1. The torque values obtained from tightening pipe threads can vary considerably depending on thread condition. Adequate sealing can occur at values much lower than the maximum values listed above. Only enough torque to achieve adequate sealing should be used.
2. When using a male tapered pipe thread with a female straight or parallel pipe thread, maximum values are 50 percent of those listed in the table.
3. If thread sealant is used, maximum values shown should be decreased by 25 percent.

For 4-Bolt Flange Connections

Bolt Size	Line Size	Torque Nm	Torque Lb-Ft
.31	-8	23	17
.38	-12	35	26
.44	-16	58	43
.50	-20	88	65
.63	-24	176	130
.75	-32	298	220



1. The 4-bolt flange seal is a face seal. The shoulder which contains the seal must fit squarely against the mating surface and be held there with even tension on all bolts.
2. Torque values apply to plated bolts and bolts with light engine oil.
3. Lubricate O-ring with a light oil (SAE 10W or 20W) before assembly.
4. Finger tighten all four bolts making sure the flange and fitting shoulder are started square.
5. Tighten all bolts evenly by partially tightening each bolt as shown in the figure and repeating the sequence until all bolts are tightened to the specific torque in the table.

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
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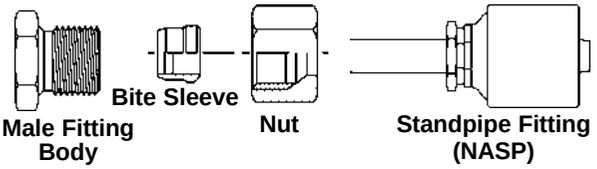
KITS

Hydraulic Flareless Assembly Procedure (per SAE J514 6.1.3 & 6.1.4)

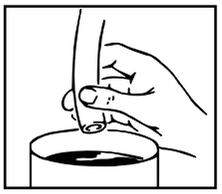
Bottom the tube in the coupling, and tighten the nut until the ferrule just grips the tube. With a little experience, the technician can determine this point by feel. If the couplings are bench assembled, the gripping action can be determined by rotating the tube by hand as the nut is drawn down. When the tube can no longer be turned by hand, the ferrule has started to grip the tube.

After the ferrule grips the tube, tighten the nut one full turn. This may vary slightly with different tubing materials, but for general practice, it is a good rule for the technician to follow.

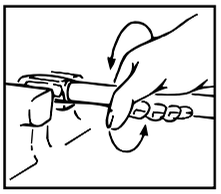
North American Stand Pipe



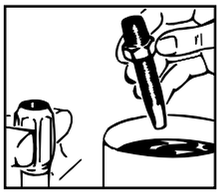
Assembly of Field Attachable Couplings — Five Easy Steps



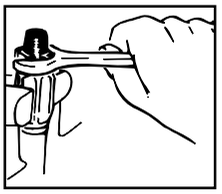
1. Be sure to thoroughly oil hose.



2. Put socket in vise as shown. Turning counter-clockwise, thread hose into socket. Leave a gap of 1/32″ to 1/16″ between end of hose and inside shoulder of socket.



3. Oil insert thread on nipple thoroughly.



4. With clockwise motion, thread nipple into socket until nipple hex shoulders against ferrule.

5. Inspect assembly internally for cut or bulged tube obstructions and cleanliness.

EFG6K Spiral Wire Hose—SAE 100R15

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
For Biodegradable Hydraulic Fluids

Recommended For: Extremely high-pressure, high-impulse applications such as hydrostatic transmissions. EFG6K is designed to meet all requirements of SAE 100R15 specifications and performance requirements of EN 856 4SP (-6, -8, -10 and -12) and EN 856 4SH (-12, -16, and -20). Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Four (six for -20) alternating layers of spiraled, high-tensile steel.

Cover: Black, oil resistant, synthetic rubber (Neoprene - Type A). Blue stripe with gold print layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (-6 through -20)
GlobalSpiral™ High Couplings (-24)

Part No.	Description	Product No.	⊖	⊡				Standard Pack
85465	6EFG6KX25FT	4651-4032	3/8	0.80	6,000	24,000	5.0	1
70866	6EFG6KXCTN	4651-1396	3/8	0.80	6,000	24,000	5.0	100
85466	8EFG6KX25FT	4651-4033	1/2	0.95	6,000	24,000	7.0	1
70865	8EFG6KXCTN	4651-1371	1/2	0.95	6,000	24,000	7.0	100
70978	8EFG6KXLL	4651-1613	1/2	0.95	6,000	24,000	7.0	200
85467	10EFG6KX25FT	4651-4034	5/8	1.09	6,000	24,000	8.0	1
70815	10EFG6KXCTN	4651-1368	5/8	1.09	6,000	24,000	8.0	100
70735	10EFG6KXLL	4651-1397	5/8	1.09	6,000	24,000	8.0	200
85468	12EFG6KX25FT	4651-4035	3/4	1.24	6,000	24,000	9.5	1
70839	12EFG6KXCTN	4651-1288	3/4	1.24	6,000	24,000	9.5	100
70736	12EFG6KXLL	4651-1398	3/4	1.24	6,000	24,000	9.5	200
85469	16EFG6KX25FT	4651-4036	1	1.53	6,000	24,000	12.0	1
70836	16EFG6KXCTN	4651-1289	1	1.53	6,000	24,000	12.0	100
70737	16EFG6KXLL	4651-1399	1	1.53	6,000	24,000	12.0	200
85470	20EFG6K X25FT	4651-4037	1 1/4	1.97	6,000	24,000	16.5	1
70837	20EFG6KXCTN	4651-1290	1 1/4	1.97	6,000	24,000	16.5	50
70738	20EFG6KXLL	4651-1400	1 1/4	1.97	6,000	24,000	16.5	200
85426	24EFG6KX25FT	4651-1574	1 1/2	2.26	6,000	24,000	20.0	1
71065	24EFG6KXCTN	4651-1531	1 1/2	2.26	6,000	24,000	20.0	50
—	24EFG6KXLL	4651-1572	1 1/2	2.26	6,000	24,000	20.0	200

EFG6K Spiral Wire Hose—MegaTuff® Cover

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
For Biodegradable Hydraulic Fluids
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: Extremely high-pressure, high-impulse applications such as hydrostatic transmissions. EFG6K is designed to meet all requirements of SAE 100R15 specifications and performance requirements of EN 856 4SP (-6, -8, -10 and -12) and EN 856 4SH (-12, -16, and -20). Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Four (six for -20) alternating layers of spiraled, high-tensile steel.

Cover: Black, oil resistant, synthetic rubber (Neoprene - Type A). Blue stripe with gold print layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (-6 through -20)
GlobalSpiral™ High Couplings (-24)

Part No.	Description	Product No.	⊖	⊡				Standard Pack
85471	6EFG6K-MTF X25FT	4651-4038	3/8	0.80	6,000	24,000	5.0	1
70849	6EFG6K-MTFXCTN	4651-1435	3/8	0.80	6,000	24,000	5.0	100

EFG6K Spiral Wire Hose—MegaTuff® Cover

Extremely High Pressure

(continued)

Part No.	Description	Product No.	⊖	I.D.	Working Pressure	Burst Pressure	Min. Bend Radius	Standard Pack
85472	8EFG6K-MTF X25FT	4651-4039	1/2	0.95	6,000	24,000	7.0	1
70867	8EFG6K-MTFXCTN	4651-1609	1/2	0.95	6,000	24,000	7.0	100
85473	10EFG6K-MTF X25FT	4651-4040	5/8	1.09	6,000	24,000	8.0	1
70880	10EFG6K-MTFXCTN	4651-1416	5/8	1.09	6,000	24,000	8.0	100
85474	12EFG6K-MTF X25FT	4651-4041	3/4	1.24	6,000	24,000	9.5	1
70868	12EFG6K-MTFXCTN	4651-1606	3/4	1.24	6,000	24,000	9.5	100
85475	16EFG6K-MTF X25FT	4651-4042	1	1.53	6,000	24,000	12.0	1
70869	16EFG6K-MTFXCTN	4651-1604	1	1.53	6,000	24,000	12.0	100
85476	20EFG6K-MTF X25FT	4651-4043	1 1/4	1.97	6,000	24,000	16.5	1
70870	20EFG6K-MTFXCTN	4651-1601	1 1/4	1.97	6,000	24,000	16.5	50

EFG5K Spiral Wire Hose—SAE 100R13

Extremely High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
For Biodegradable Hydraulic Fluids

Recommended For: Extremely high-pressure hydraulic applications. EFG5K is designed to meet all requirements of SAE 100R13 specifications and performance requirements of EN 856 4SH (-16 and -20), EN 856 4SP (-8, -10, and -12) and EN 856 R13. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Four (six for -20) alternating layers of spiraled, high-tensile steel.

Cover: Black, oil resistant, synthetic rubber (Neoprene - Type A). Blue stripe with red print layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

GlobalSpiral™ Couplings (-6 through -20)
GlobalSpiral™ High Couplings (-24 and -32)

Part No.	Description	Product No.	⊖	I.D.	Working Pressure	Burst Pressure	Min. Bend Radius	Standard Pack
85453	6EFG5K X25FT	4651-4020	3/8	0.80	5,000	20,000	5.0	1
70871	6EFG5KXCTN	4651-1424	3/8	0.80	5,000	20,000	5.0	100
85454	8EFG5K X25FT	4651-4021	1/2	0.95	5,000	20,000	7.0	1
70864	8EFG5KXCTN	4651-1372	1/2	0.95	5,000	20,000	7.0	100
70977	8EFG5KXLL	4651-1612	1/2	0.95	5,000	20,000	7.0	200
85455	10EFG5K X25FT	4651-4022	5/8	1.09	5,000	20,000	8.0	1
70814	10EFG5KXCTN	4651-1340	5/8	1.09	5,000	20,000	8.0	100
70728	10EFG5KXLL	4651-1390	5/8	1.09	5,000	20,000	8.0	200
85456	12EFG5K X25FT	4651-4023	3/4	1.24	5,000	20,000	9.5	1
70838	12EFG5KXCTN	4651-1285	3/4	1.24	5,000	20,000	9.5	100
70729	12EFG5KXLL	4651-1391	3/4	1.26	5,000	20,000	9.5	200
85457	16EFG5K X25FT	4651-4024	1	1.53	5,000	20,000	12.0	1
70834	16EFG5KXCTN	4651-1286	1	1.53	5,000	20,000	12.0	100
70730	16EFG5KXLL	4651-1392	1	1.53	5,000	20,000	12.0	200
85458	20EFG5K X25FT	4651-4025	1 1/4	1.97	5,000	20,000	16.5	1
70835	20EFG5KXCTN	4651-1287	1 1/4	1.97	5,000	20,000	16.5	50
70734	20EFG5KXLL	4651-1393	1 1/4	1.97	5,000	20,000	16.5	200
85432	24EFG5KX25FT	4651-1742	1 1/2	2.26	5,000	20,000	20.0	1
71056	24EFG5KXCTN	4651-1455	1 1/2	2.26	5,000	20,000	20.0	50
—	24EFG5KXLL	4651-2208	1 1/2	2.26	5,000	20,000	20.0	200
85436	32EFG5KX25FT	4651-1746	2	2.80	5,000	20,000	25.0	1
71059	32EFG5KXCTN	4651-1456	2	2.80	5,000	20,000	25.0	50
—	32EFG5KXLL	4651-0052	2	2.80	5,000	20,000	20.0	200

Extremely High Pressure — EFG5K Spiral Wire Hose—MegaTuff® Cover

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
For Biodegradable Hydraulic Fluids
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: Extremely high-pressure hydraulic applications. EFG5K is designed to meet all requirements of SAE 100R13 specifications and performance requirements of EN 856 4SH (-16 and -20), EN 856 4SP (-8, -10, and -12) and EN 856 R13. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Four (six for -20) alternating layers of spiraled, high-tensile steel.

Cover: Black, oil resistant, synthetic rubber (Neoprene - Type A). Blue stripe with red print layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (-6 through -20)
GlobalSpiral™ High Couplings (-24 and -32)

Part No.	Description	Product No.	⊖	⊙	⊙	⊙	R	Standard Pack
85459	6EFG5K-MTF X25FT	4651-4026	3/8	0.80	5,000	20,000	5.0	1
70872	6EFG5K-MTFXCTN	4651-1436	3/8	0.80	5,000	20,000	5.0	100
85460	8EFG5K-MTF X25FT	4651-4027	1/2	0.94	5,000	20,000	7.0	1
70873	8EFG5K-MTFXCTN	4651-1608	1/2	0.94	5,000	20,000	7.0	100
85461	10EFG5K-MTF X25FT	4651-4028	5/8	1.09	5,000	20,000	8.0	1
70879	10EFG5K-MTFXCTN	4651-1410	5/8	1.09	5,000	20,000	8.0	100
85462	12EFG5K-MTFX25FT	4651-4029	3/4	1.24	5,000	20,000	9.5	1
70874	12EFG5K-MTFXCTN	4651-1605	3/4	1.24	5,000	20,000	9.5	100
85463	16EFG5K-MTFX25FT	4651-4030	1	1.53	5,000	20,000	12.0	1
70875	16EFG5K-MTFXCTN	4651-1603	1	1.53	5,000	20,000	12.0	100
70739	16EFG5K-MTFXLL	4651-4001	1	1.53	5,000	20,000	12.0	200
85464	20EFG5K-MTFX25FT	4651-4031	1 1/4	1.97	5,000	20,000	16.5	1
70876	20EFG5K-MTFXCTN	4651-1600	1 1/4	1.97	5,000	20,000	16.5	50
70740	20EFG5K-MTFXLL	4651-4002	1 1/4	1.97	5,000	20,000	16.5	200
71055	24EFG5K-MTFXCTN	4651-2203	1 1/2	2.26	5,000	20,000	20.0	50
85433	24EFG5KMTFX25FT	4651-1743	1 1/2	2.26	5,000	20,000	20.0	1
71063	32EFG5K-MTFXCTN	4651-1522	2	2.80	5,000	20,000	25.0	50
85437	32EFG5KMTFX25FT	4651-1747	2	2.80	5,000	20,000	25.0	1

Extremely High Pressure — EFG4K Spiral Wire Hose—SAE 100R12

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
For Biodegradable Hydraulic Fluids

Recommended For: Extremely high-pressure, high-impulse applications. Exceeds all performance requirements for SAE 100R12, EN 856 R12 and EN 856 4SP (-16). Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Four alternating layers of spiraled, high-tensile steel wire.

Cover: Black, oil resistant, synthetic rubber (Neoprene - Type A). Blue stripe with white print layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings

Part No.	Description	Product No.	⊖	⊙	⊙	⊙	R	Standard Pack
85491	6EFG4K X50FT	4651-1430	3/8	0.80	4,000	16,000	2.5	1
85477	6EFG4KX25FT	4651-4005	3/8	0.80	4,000	16,000	2.5	1
70811	6EFG4KXCTN	4651-1338	3/8	0.80	4,000	16,000	2.5	100
85492	8EFG4K X50FT	4651-1431	1/2	0.94	4,000	16,000	3.5	1
85478	8EFG4KX25FT	4651-4006	1/2	0.94	4,000	16,000	3.5	1

EFG4K Spiral Wire Hose—SAE 100R12

Extremely High Pressure

(continued)

Part No.	Description	Product No.						Standard Pack
70863	8EFG4KXCTN	4651-1339	1/2	0.94	4,000	16,000	3.5	100
70976	8EFG4KXLL	4651-1611	1/2	0.94	4,000	16,000	3.5	200
85479	10EFG4KX25FT	4651-4007	5/8	1.09	4,000	16,000	4.0	1
70813	10EFG4KXCTN	4651-1367	5/8	1.09	4,000	16,000	4.0	100
85480	12EFG4K X25FT	4651-4011	3/4	1.09	4,000	16,000	4.0	1
85494	12EFG4K X50FT	4651-1432	3/4	1.09	4,000	16,000	4.0	1
70831	12EFG4KXCTN	4651-1282	3/4	1.21	4,000	16,000	4.8	100
70717	12EFG4KXLL	4651-1385	3/4	1.21	4,000	16,000	4.8	200
85481	16EFG4K X25FT	4651-4012	1	1.21	4,000	16,000	4.8	1
85495	16EFG4K X50FT	4651-1433	1	1.21	4,000	16,000	4.8	1
70807	16EFG4KX100FT	4651-1460	1	1.50	4,000	16,000	6.0	100
70832	16EFG4KXCTN	4651-1283	1	1.50	4,000	16,000	6.0	100
70718	16EFG4KXLL	4651-1386	1	1.50	4,000	16,000	6.0	200
85482	20EFG4K X25FT	4651-4013	1 1/4	1.85	4,000	16,000	8.3	1
85438	20EFG4KX 50FT	4651-1520	1 1/4	1.85	4,000	16,000	8.3	1
70833	20EFG4KXCTN	4651-1284	1 1/4	1.85	4,000	16,000	8.3	50
70719	20EFG4KXLL	4651-1387	1 1/4	1.85	4,000	16,000	8.3	200

EFG4K Spiral Wire Hose—MegaTuff® Cover

Extremely High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
For Biodegradable Hydraulic Fluids
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: Extremely high-pressure, high-impulse applications. Exceeds all performance requirements for SAE 100R12, EN 856 R12 and EN 856 4SP (-16). Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Four alternating layers of spiraled, high-tensile steel wire.

Cover: Black, oil resistant, synthetic rubber (Neoprene - Type A). Blue stripe with white print layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings

Part No.	Description	Product No.						Standard Pack
85483	6EFG4K-MTF X25FT	4651-4014	3/8	0.80	4,000	16,000	2.5	1
70945	6EFG4K-MTFXCTN	4651-1610	3/8	0.80	4,000	16,000	2.5	100
85484	8EFG4K-MTF X25FT	4651-4015	1/2	0.94	4,000	16,000	3.5	1
70946	8EFG4K-MTFXCTN	4651-1607	1/2	0.94	4,000	16,000	3.5	100
85485	10EFG4K-MTF X25FT	4651-4016	5/8	1.09	4,000	16,000	4.0	1
70947	10EFG4K-MTFXCTN	4651-1404	5/8	1.09	4,000	16,000	4.0	100
85486	12EFG4K-MTF X25FT	4651-4017	3/4	1.21	4,000	16,000	4.8	1
70877	12EFG4K-MTFXCTN	4651-1405	3/4	1.21	4,000	16,000	4.8	100
70726	12EFG4K-MTFXLL	4651-1388	3/4	1.21	4,000	16,000	4.8	200
85487	16EFG4K-MTF X25FT	4651-4018	1	1.50	4,000	16,000	6.0	1
70948	16EFG4K-MTFXCTN	4651-1406	1	1.50	4,000	16,000	6.0	100
70727	16EFG4K-MTFXLL	4651-1389	1	1.50	4,000	16,000	6.0	200
85488	20EFG4K-MTF X25FT	4651-4019	1 1/4	1.85	4,000	16,000	8.3	1
70949	20EFG4K-MTFXCTN	4651-1602	1 1/4	1.85	4,000	16,000	8.3	50

Extremely High Pressure — EFG3K Spiral Wire Hose—SAE 100R12

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
For Biodegradable Hydraulic Fluids

Recommended For: Extremely high-pressure, high-impulse applications. Exceeds all performance requirements for SAE 100R12 and EN 856 R12 and performance requirements of EN 856 4SP. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Four alternating layers of spiraled, high-tensile steel wire.

Cover: Black, oil resistant, synthetic rubber (Neoprene - Type A). Blue stripe with white print layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (-6 through -20)
GlobalSpiral™ Plus Couplings (-24 and -32)

Part No.	Description	Product No.						Standard Pack
85497	20EFG3K X50FT	4651-1434	1 1/4	1.85	3,000	12,000	8.3	1
85489	20EFG3KX25FT	4651-4003	1 1/4	1.85	3,000	12,000	8.3	1
70539	20EFG3KXCTN	4651-1381	1 1/4	1.85	3,000	12,000	8.3	100
70707	20EFG3KXLL	4651-1384	1 1/4	1.85	3,000	12,000	8.3	200
85430	24EFG3KX25FT	4651-1740	1 1/2	2.11	3,000	12,000	20.0	1
71054	24EFG3KXCTN	4651-1451	1 1/2	2.11	3,000	12,000	20.0	50
85434	32EFG3KX25FT	4651-1744	2	2.63	3,000	12,000	25.0	1
71058	32EFG3KXCTN	4651-1452	2	2.63	3,000	12,000	25.0	50

Extremely High Pressure — EFG3K Spiral Wire Hose—MegaTuff® Cover

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
For Biodegradable Hydraulic Fluids
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: Extremely high-pressure, high-impulse applications. Exceeds all performance requirements for SAE 100R12 and EN 856 R12 and performance requirements of EN 856 4SP. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Available in 121' through 200' continuous lengths.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Four alternating layers of spiraled, high-tensile steel wire.

Cover: Black, oil resistant, synthetic rubber (Neoprene - Type A). Blue stripe with white print layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

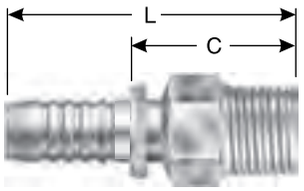
Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings

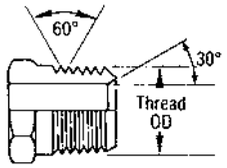
Part No.	Description	Product No.						Standard Pack
85490	20EFG3K-MTF X25FT	4651-4004	1 1/4	2.11	3,000	12,000	8.3	1
70950	20EFG3K-MTFXCTN	4651-1425	1 1/4	2.11	3,000	12,000	8.3	100
70951	20EFG3K-MTFXLL	4651-1427	1 1/4	2.11	3,000	12,000	8.3	200
85431	24EFG3K-MTFX25FT	4651-1741	1 1/2	2.11	3,000	12,000	20.0	1
71053	24EFG3K-MTFXCTN	4651-2201	1 1/2	2.11	3,000	12,000	20.0	50
71057	32EFG3K-MTFXCTN	4651-2205	1 1/2	2.63	3,000	12,000	25.0	50
85435	32EFG3KMTFX25FT	4651-1745	1 1/2	2.63	3,000	12,000	25.0	1

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Pipe (NPTF - 30° Cone Seat)

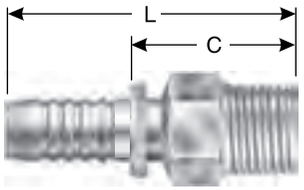


H1



Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G20100-0606	6GS-6MP	7347-20145	3/8	9.5	3/8-18	11/16	—	2.72	69.0	1.31	33.2
G20100-0608	6GS-8MP	7347-20155	3/8	9.5	1/2-14	7/8	—	2.87	73.0	1.46	37.2
G20100-0808	8GS-8MP	7347-20245	1/2	12.7	1/2-14	7/8	—	2.91	73.9	1.43	36.3
G20100-0812	8GS-12MP	7347-20265	1/2	12.7	3/4-14	1 1/16	—	3.03	77.0	1.56	39.5
G20100-1008	10GS-8MP	7347-20335	5/8	15.8	1/2-14	15/16	—	3.35	85.0	1.34	34.0
G20100-1012	10GS-12MP	7347-20355	5/8	15.8	3/4-14	1 1/8	—	3.58	91.0	1.60	40.7
G20100-1208	12GS-8MP	7347-20425	3/4	19.1	1/2-14	1 1/16	—	3.54	90.0	1.54	39.0
G20100-1212	12GS-12MP	7347-20445	3/4	19.1	3/4-14	1 1/16	—	3.54	90.0	1.54	39.0
G20100-1216	12GS-16MP	7347-20465	3/4	19.1	1-11 1/2	1 3/8	—	3.82	97.0	1.81	46.0
G20100-1612	16GS-12MP	7347-20535	1	25.4	3/4-14	1 3/8	—	3.98	101.0	1.74	44.2
G20100-1616	16GS-16MP	7347-20555	1	25.4	1-11 1/2	1 3/8	—	4.17	106.0	1.94	49.2
G20100-1620	16GS-20MP	7347-20565	1	25.4	1 1/4-11 1/2	1 3/4	—	4.29	109.0	2.06	52.2
G20100-2020	20GS-20MP	7347-20645	1 1/4	31.7	1 1/4-11 1/2	1 3/4	—	5.00	127.0	2.20	55.9

Male Pipe (NPTF - 30° Cone Seat) - API Threads



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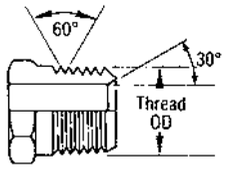
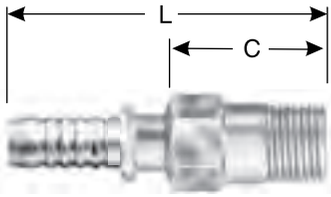


Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G20102-2020	20GS-20MPAPI	7347-76955	1 1/4	31.7	1 1/4-11 1/2	1 3/4	—	5.51	140.0	2.70	68.9

Male Pipe (NPTF - 30° Cone Seat) - Long Hex



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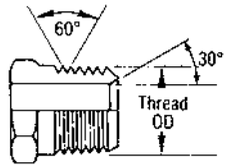
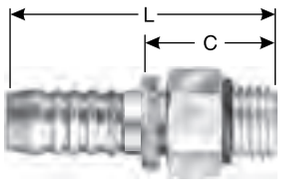


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G20103-1616	16GS-16MPLH	7347-76545	1	25.4	1-11 1/2	1 3/8	—	5.16	131.0	2.92	74.2

Male O-Ring Boss

SAE J1926/2 ISO 11926-2 Heavy Duty (S Series) Stud End.



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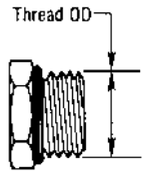

Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G20120-0606	6GS-6MB	7347-21145	3/8	9.5	9/16-18	11/16	—	2.56	65.0	1.15	29.2
G20120-0808	8GS-8MB	7347-21245	1/2	12.7	3/4-16	7/8	—	2.76	70.0	1.26	32.0
G20120-0810	8GS-10MB	7347-21255	1/2	12.7	7/8-14	1	—	2.83	72.0	1.34	34.0
G20120-1010	10GS-10MB	7347-21345	5/8	15.8	7/8-14	1	—	3.46	88.0	1.48	37.7
G20120-1012	10GS-12MB	7347-21355	5/8	15.8	1 1/16-12	1 1/4	—	3.46	88.0	1.48	37.7
G20120-1212	12GS-12MB	7347-21445	3/4	19.1	1 1/16-12	1 1/4	—	3.66	93.0	1.65	42.0
G20120-1216	12GS-16MB	7347-21465	3/4	19.1	1 5/16-12	1 1/2	—	3.54	90.0	1.54	39.0
G20120-1612	16GS-12MB	7347-21535	1	25.4	1 1/16-12	1 3/8	—	3.98	101.0	1.74	44.2
G20120-1616	16GS-16MB	7347-21555	1	25.4	1 5/16-12	1 1/2	—	3.86	98.0	1.62	41.2
G20120-1620	16GS-20MB	7347-21565	1	25.4	1 5/8-12	1 7/8	—	4.53	115.0	1.62	41.2
G20120-2020	20GS-20MB	7347-21645	1 1/4	31.7	1 5/8-12	1 7/8	—	4.53	115.0	1.73	43.9

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
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AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
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POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
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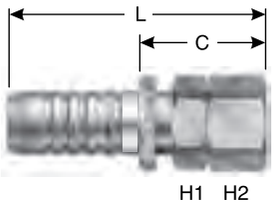
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female MegaSeal® Swivel

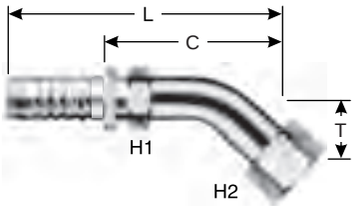
Gates High Performance Replacement for Female JIC Fittings - Connects to Standard Male JIC Termination.



Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G20140-1212	12GS-12FMX	7347-69445	3/4	19.0	1 1/16-12	1 1/8	1 1/4	4.02	102.0	2.02	51.3
G20140-1216	12GS-16FMX	7347-69465	3/4	19.0	1 5/16-12	1 1/8	1 1/2	4.06	103.2	2.06	52.2
G20140-1616	16GS-16FMX	7347-69555	1	25.4	1 5/16-12	1 1/2	1 1/2	4.37	111.0	2.15	54.5
G20140-2020	20GS-20FMX	7347-69645	1 1/4	31.7	1 5/8-12	1 7/8	2	5.36	136.1	2.56	65.0

Female MegaSeal® Swivel - 45° Bent Tube

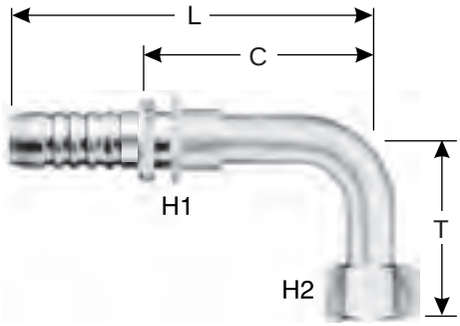
Gates High Performance Replacement for Female JIC Fittings - Connects to Standard Male JIC Termination.



Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G20145-1212	12GS-12FMX45-032	7347-73275	3/4	19.0	1 1/16-12	1 1/8	1 1/4	1.26	32.0	5.08	129.0	3.07	78.0
G20145-1616	16GS-16FMX45-038	7347-70555	1	25.4	1 5/16-12	1 1/2	1 1/2	1.50	38.0	6.26	159.0	4.04	102.6

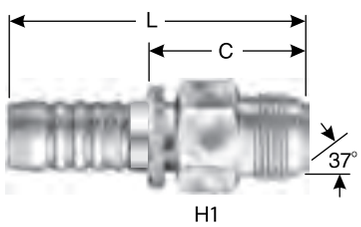
Female MegaSeal® Swivel - 90° Bent Tube

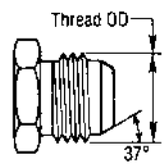
Gates High Performance Replacement for Female JIC Fittings - Connects to Standard Male JIC Termination.



Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G20149-1212	12GS-12FMX90-048	7347-71445	3/4	19.1	1 1/16-12	1 1/8	1 1/4	1.89	48.0	4.72	120.0	2.72	69.0
G20149-1616	16GS-16FMX90-056	7347-71555	1	25.4	1 5/16-12	1 1/2	1 1/2	2.20	56.0	5.67	144.0	3.45	87.6
G20150-1212	12GS-12FMX90-058	7347-71395	3/4	19.0	1 1/16-12	1 1/8	1 1/4	2.28	58.0	4.72	120.0	2.72	69.0
G20150-1216	12GS-16FMX90-056	7347-71465	3/4	19.0	1 5/16-12	1 1/8	1 1/2	2.20	56.0	5.39	137.0	3.39	86.0
G20150-1616	16GS-16FMX90-071	7347-71505	1	25.4	1 5/16-12	1 1/2	1 1/2	2.80	71.0	5.67	144.0	3.45	87.6
G20151-1212	12GS-12FMX90-096	7347-71405	3/4	19.0	1 1/16-12	1 1/8	1 1/4	3.78	96.0	4.72	120.0	2.72	69.0

Male JIC 37° Flare





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G20165-0606	6GS-6MJ	7347-22145	3/8	9.5	9/16-18	11/16	—	2.60	66.0	1.19	30.2
G20165-0608	6GS-8MJ	7347-22155	3/8	9.5	3/4-16	13/16	—	2.76	70.0	1.35	34.2
G20165-0610	6GS-10MJ	7347-22165	3/8	9.5	7/8-14	15/16	—	3.03	77.0	1.62	41.2
G20165-0808	8GS-8MJ	7347-22245	1/2	12.7	3/4-16	13/16	—	2.83	72.0	1.36	34.5
G20165-0810	8GS-10MJ	7347-22255	1/2	12.7	7/8-14	7/8	—	2.95	75.0	1.48	37.5
G20165-1010	10GS-10MJ	7347-22345	5/8	15.8	7/8-14	15/16	—	3.62	92.0	1.64	41.7
G20165-1012	10GS-12MJ	7347-22355	5/8	15.8	1 1/16-12	1 1/16	—	3.70	94.0	1.72	43.7
G20165-1212	12GS-12MJ	7347-22445	3/4	19.1	1 1/16-12	1 1/8	—	3.66	93.0	1.65	42.0
G20165-1214	12GS-14MJ	7347-22455	3/4	19.1	1 3/16-12	1 1/4	—	3.70	94.0	1.69	43.0
G20165-1216	12GS-16MJ	7347-22465	3/4	19.1	1 5/16-12	1 5/16	—	3.78	96.0	1.77	45.0
G20165-1616	16GS-16MJ	7347-22555	1	25.4	1 5/16-12	1 3/8	—	4.09	104.0	1.86	47.2
G20165-1620	16GS-20MJ	7347-22585	1	25.4	1 5/8-12	1 5/8	—	4.27	108.5	2.04	51.7
G20165-2020	20GS-20MJ	7347-22645	1 1/4	31.7	1 5/8-12	1 3/4	—	4.92	125.0	2.12	53.9

EQUIPMENT
HOSE/CPLG. SELECTION
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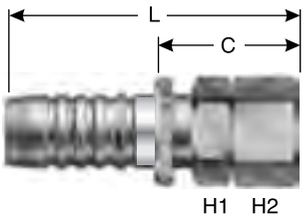
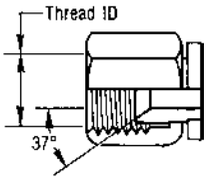
Female JIC 37° Flare Swivel

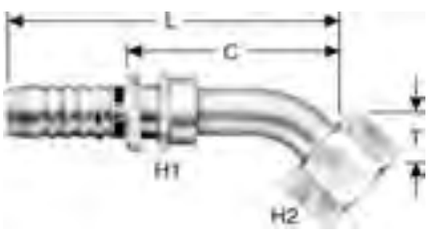


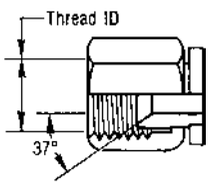


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G20170-0606	6GS-6FJX	7347-24145	3/8	9.5	9/16-18	3/4	3/4	2.72	69.0	1.31	33.2
G20170-0608	6GS-8FJX	7347-24155	3/8	9.5	3/4-16	3/4	7/8	2.80	71.0	1.39	35.2
G20170-0808	8GS-8FJX	7347-24245	1/2	12.7	3/4-16	7/8	7/8	2.83	72.0	1.36	34.5
G20170-0810	8GS-10FJX	7347-24255	1/2	12.7	7/8-14	7/8	1 1/16	2.99	75.9	1.51	38.4
G20170-0812	8GS-12FJX	7347-24265	1/2	12.7	1 1/16-12	7/8	1 1/4	3.03	77.0	1.56	39.5
G20170-1010	10GS-10FJXMM	7347-82175	5/8	15.8	7/8-14	1	1 1/16	3.68	93.5	1.70	43.2
G20170-1012	10GS-12FJX	7347-24355	5/8	15.8	1 1/16-12	1	1 1/4	3.74	95.0	1.76	44.7
G20170-1210	12GS-10FJX	7347-24435	3/4	19.1	7/8-14	1 1/16	1 1/8	3.87	98.4	1.87	47.4
G20170-1212	12GS-12FJX	7347-24445	3/4	19.1	1 1/16-12	1	1 1/4	3.87	98.2	1.86	47.2
G20170-1214	12GS-14FJX	7347-24455	3/4	19.1	1 3/16-12	1 1/8	1 3/8	4.06	103.2	2.06	52.2
G20170-1216	12GS-16FJX	7347-24465	3/4	19.1	1 5/16-12	1 1/4	1 1/2	4.02	102.0	2.01	51.0
G20170-1612	16GS-12FJX	7347-24535	1	25.4	1 1/16-12	1 3/8	1 3/8	4.25	107.9	2.00	50.7
G20170-1614	16GS-14FJX	7347-24545	1	25.4	1 3/16-12	1 3/8	1 1/2	4.25	107.9	2.01	51.1
G20170-1616	16GS-16FJX	7347-24555	1	25.4	1 5/16-12	1 1/2	1 1/2	4.30	109.2	2.07	52.6
G20170-1620	16GS-20FJX	7347-24565	1	25.4	1 5/8-12	1 1/2	2	4.53	115.0	2.31	58.6
G20170-2016	20GS-16FJX	7347-24635	1 1/4	31.7	1 5/16-12	1 3/4	1 5/8	5.08	129.0	2.28	57.9
G20170-2020	20GS-20FJX	7347-24645	1 1/4	31.7	1 5/8-12	1 7/8	2	5.29	134.4	2.56	64.9
G20170-2024	20GS-24FJX	7347-24655	1 1/4	31.7	1 7/8-12	1 7/8	2 3/8	5.39	137.0	2.59	65.9

Female JIC 37° Flare Swivel - 30° Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-S.

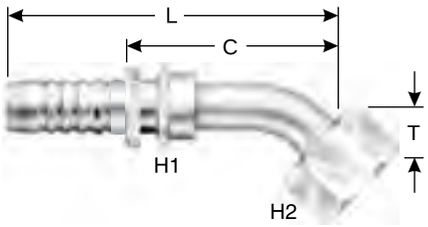


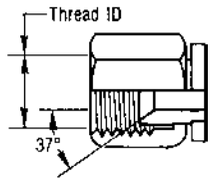


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G20172-1616	16GS-16FJX30M	7347-73055	1	25.4	1 5/16-12	1 7/8	1 1/2	1.06	27.0	6.02	153.0	3.80	96.6

Female JIC 37° Flare Swivel - 45° Short Bent Tube

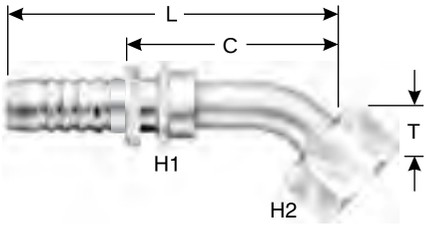
S, M and L Drops per ISO Final Draft International Standard 12151-S.

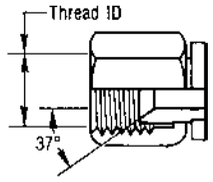




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G20174-0606	6GS-6FJX45S	7347-25145	3/8	9.5	9/16-18	3/4	3/4	.43	11.0	3.23	82.0	1.82	46.2
G20174-0608	6GS-8FJX45S	7347-25155	3/8	9.5	3/4-16	3/4	7/8	.59	15.0	3.66	93.0	2.25	57.2
G20174-0808	8GS-8FJX45S	7347-25245	1/2	12.7	3/4-16	7/8	7/8	.59	15.0	3.70	94.0	2.22	56.5
G20174-0810	8GS-10FJX45S	7347-25255	1/2	12.7	7/8-14	7/8	1 1/16	.63	16.0	3.58	91.0	2.11	53.5
G20174-1010	10GS-10FJX45S	7347-25345	5/8	15.8	7/8-14	1	1 1/16	.63	16.0	4.37	111.0	2.39	60.7
G20174-1012	10GS-12FJX45S	7347-25355	5/8	15.8	1 1/16-12	1	1 1/4	.83	21.0	4.80	122.0	2.82	71.7
G20174-1212	12GS-12FJX45S	7347-25445	3/4	19.1	1 1/16-12	1 1/8	1 1/4	.83	21.0	5.12	130.0	3.11	79.0
G20174-1216	12GS-16FJX45S	7347-25465	3/4	19.1	1 5/16-12	1 1/8	1 1/2	.94	24.0	5.39	137.0	3.39	86.0
G20174-1616	16GS-16FJX45S	7347-25555	1	25.4	1 5/16-12	1 1/2	1 1/2	.94	24.0	5.98	152.0	3.77	95.7
G20174-1620	16GS-20FJX45S	7347-25565	1	25.4	1 5/8-12	1 1/2	2	.98	25.0	6.46	164.0	4.23	107.5

Female JIC 37° Flare Swivel - 45° Medium Bent Tube



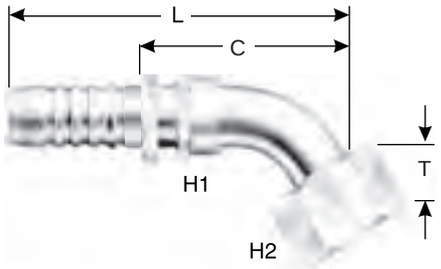


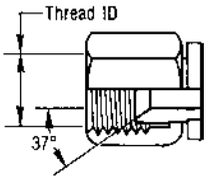
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G20175-1616	16GS-16FJX45M	7347-26555	1	25.4	1 5/16-12	1 1/2	1 1/2	1.50	38.0	6.30	160.0	4.07	103.4
G20175-2020	20GS-20FJX45-038	7347-76175	1 1/4	31.7	1 5/8-12	1 7/8	2	1.50	38.0	7.09	180.0	4.29	108.9

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female JIC 37° Flare Swivel - 60° Bent Tube

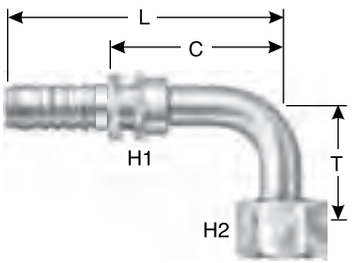


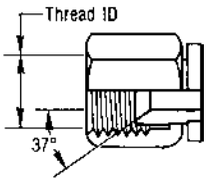


Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	T "	T mm	L "	L mm	C "	C mm
STANDARD PACK													
G20177-1212	12GS-12FJX60-043	7347-76795	3/4	19.1	1 1/16-12	1 1/8	1 1/4	1.69	43.0	5.59	142.0	3.58	91.0

Female JIC 37° Flare Swivel - 90° Short Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-S.

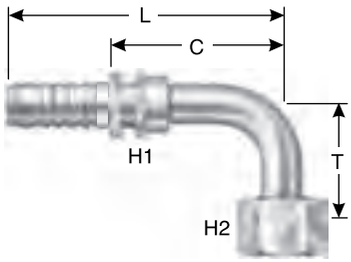


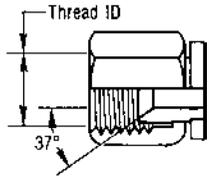


Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	T "	T mm	L "	L mm	C "	C mm
STANDARD PACK													
G20179-0606	6GS-6FJX90S	7347-27145	3/8	9.5	9/16-18	3/4	3/4	.91	23.0	3.11	79.0	1.70	43.2
G20179-0808	8GS-8FJX90S	7347-27245	1/2	12.7	3/4-16	7/8	7/8	1.14	29.0	3.39	86.0	1.91	48.6
G20179-0810	8GS-10FJX90S	7347-27255	1/2	12.7	7/8-14	7/8	1 1/16	1.26	32.0	3.62	92.0	2.15	54.5
G20179-0812	8GS-12FJX90S	7347-27265	1/2	12.7	1 1/16-12	7/8	1 1/4	1.89	48.0	4.37	111.0	2.89	73.5
G20179-1010	10GS-10FJXMM90-036	7347-84275	5/8	15.8	7/8-14	1 3/16	1 1/16	1.42	36.0	4.37	111.0	1.70	43.3
G20179-1212	12GS-12FJX90S	7347-27445	3/4	19.1	1 1/16-12	1 1/8	1 1/4	1.89	48.0	4.45	113.0	2.44	62.0
G20179-1216	12GS-16FJX90S	7347-27465	3/4	19.1	1 5/16-12	1 1/8	1 1/2	2.20	56.0	5.31	135.0	3.31	84.0
G20179-1616	16GS-16FJX90S	7347-27555	1	25.4	1 5/16-12	1 7/8	1 1/2	2.20	56.0	5.67	144.0	3.45	87.6
G20179-2020	20GS-20FJX90S	7347-27645	1 1/4	31.7	1 5/8-12	1 7/8	2	2.52	64.0	6.85	174.0	4.05	102.9

Female JIC 37° Flare Swivel - 90° Medium Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-S.

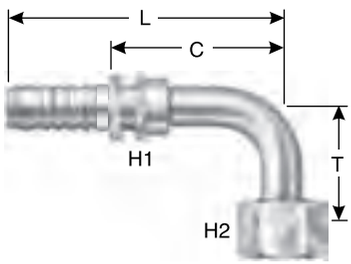


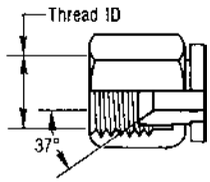


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G20180-0608	6GS-8FJX90M	7347-28155	3/8	9.5	3/4-16	3/4	7/8	1.61	41.0	3.58	91.0	2.17	55.2
G20180-0808	8GS-8FJX90M	7347-28245	1/2	12.7	3/4-16	7/8	7/8	1.61	41.0	3.62	92.0	2.15	54.6
G20180-0810	8GS-10FJX90M	7347-28165	1/2	12.7	7/8-14	7/8	1 1/16	1.85	47.0	3.50	89.0	2.01	51.0
G20180-1010	10GS-10FJXMM90M	7347-84285	5/8	15.8	7/8-14	1	1 1/16	1.85	47.0	4.21	107.0	2.23	56.7
G20180-1012	10GS-12FJX90M	7347-28355	5/8	15.8	1 1/16-12	1	1 1/4	2.28	58.0	4.76	121.0	2.78	70.7
G20180-1212	12GS-12FJX90M	7347-28445	3/4	19.1	1 1/16-12	1 1/8	1 1/4	2.28	58.0	4.45	113.0	2.44	62.0
G20180-1214	12GS-14FJX90-060	7347-28455	3/4	19.1	1 3/16-12	1 1/8	1 3/8	2.36	60.0	5.55	141.0	3.54	90.0
G20180-1216	12GS-16FJX90M	7347-28465	3/4	19.1	1 5/16-12	1 1/8	1 1/2	2.80	71.0	5.31	135.0	3.31	84.0
G20180-1616	16GS-16FJX90M	7347-28555	1	25.4	1 5/16-12	1 1/2	1 1/2	2.80	71.0	5.67	144.0	3.45	87.6
G20180-2020	20GS-20FJX90M	7347-28645	1 1/4	31.7	1 5/8-12	1 7/8	2	3.07	78.0	6.85	174.0	4.05	102.9

Female JIC 37° Flare Swivel - 90° Long Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-S.



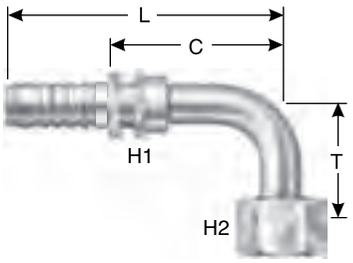


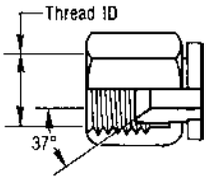
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G20181-0606	6GS-6FJX90L	7347-29145	3/8	9.5	9/16-18	3/4	3/4	2.13	54.0	3.39	86.0	1.98	50.2
G20181-0808	8GS-8FJX90L	7347-29245	1/2	12.7	3/4-16	7/8	7/8	2.52	64.0	3.62	92.0	2.15	54.6
G20181-0810	8GS-10FJX90L	7347-29255	1/2	12.7	7/8-14	7/8	1 1/16	3.27	83.0	3.74	95.0	2.26	57.5
G20181-1212	12GS-12FJX90L	7347-29445	3/4	19.1	1 1/16-12	1 1/8	1 1/4	3.78	96.0	4.45	113.0	2.44	62.0
G20181-1616	16GS-16FJX90L	7347-29555	1	25.4	1 5/16-12	1 1/2	1 1/2	4.33	110.0	5.67	144.0	3.45	87.6
G20181-1620	16GS-20FJX90L	7347-29565	1	25.4	1 5/8-12	1 1/2	2	5.08	129.0	6.06	154.0	3.84	97.6
G20181-2020	20GS-20FJX90L	7347-29645	1 1/4	31.7	1 5/8-12	1 7/8	2	5.08	129.0	6.85	174.0	4.05	102.9

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female JIC 37° Flare Swivel - 90° Extra Long Bent Tube

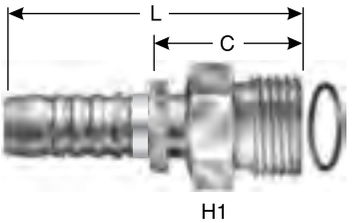


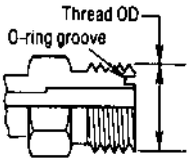


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G20182-0608	6GS-8FJX90-083	7347-76785	3/8	9.5	3/4-16	3/4	7/8	3.27	83.0	3.58	91.0	2.17	55.2
G20182-0808	8GS-8FJX90XL	7347-73065	1/2	12.7	3/4-16	7/8	7/8	4.06	103.0	3.62	92.0	2.15	54.6

Male Flat-Face O-Ring

Includes Peroxide-cured O-RingMetric Hex per ISO Draft International Standard 12151-1.Utilizes SAE J1453 Captive O-Ring Groove for Improved O-Ring Retention.

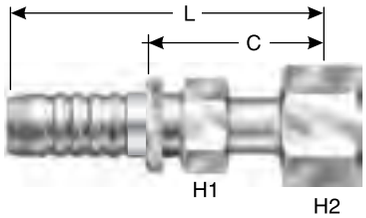


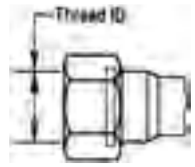


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G20225-0606	6GS-6MFFOR	7347-23865	3/8	9.5	11/16-16	19.0	—	2.52	64.0	1.11	28.2
G20225-0808	8GS-8MFFOR	7347-23825	1/2	12.7	13/16-16	22.0	—	2.68	68.0	1.20	30.5
G20225-1010	10GS-10MFFOR	7347-23875	5/8	15.8	1-14	27.0	—	3.42	87.0	1.44	36.7
G20225-1012	10GS-12MFFOR	7347-23885	5/8	15.8	1 3/16-12	32.0	—	3.50	89.0	1.52	38.7
G20225-1212	12GS-12MFFOR	7347-23835	3/4	19.1	1 3/16-12	32.0	—	3.50	89.0	1.50	38.0
G20225-1216	12GS-16MFFOR	7347-23845	3/4	19.1	1 7/16-12	41.0	—	3.74	95.0	1.73	44.0
G20225-1616	16GS-16MFFOR	7347-23815	1	25.4	1 7/16-12	41.0	—	4.02	102.0	1.78	45.2
G20225-1620	16GS-20MFFOR	7347-23925	1	25.4	1 11/16-12	50.0	—	4.70	107.7	1.78	45.2
G20225-2020	20GS-20MFFOR	7347-23855	1 1/4	31.7	1 11/16-12	50.0	—	4.72	120.0	1.93	48.9

Female Flat-Face O-Ring Swivel

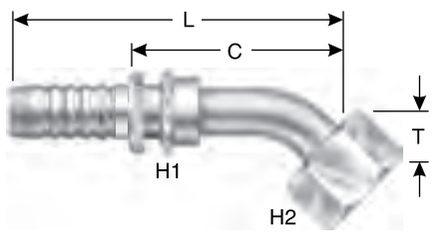
Metric Hex per ISO Draft International Standard 12151-1.SAE J1453 O-Ring Face Seal.





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G20230-0606	6GS-6FFORX	7347-30145	3/8	9.5	11/16-16	22.0	22.0	2.72	69.0	1.31	33.2
G20230-0608	6GS-8FFORX	7347-30155	3/8	9.5	13/16-16	22.0	24.0	2.83	72.0	1.43	36.2
G20230-0808	8GS-8FFORX	7347-30245	1/2	12.7	13/16-16	27.0	24.0	2.87	73.0	1.40	35.5
G20230-0810	8GS-10FFORX	7347-30255	1/2	12.7	1-14	27.0	30.0	3.07	78.0	1.59	40.5
G20230-0812	8GS-12FFORX	7347-30265	1/2	12.7	1 3/16-12	27.0	36.0	3.11	79.0	1.63	41.5
G20230-1010	10GS-10FFORX	7347-30345	5/8	15.8	1-14	30.0	30.0	3.70	94.0	1.72	43.7
G20230-1012	10GS-12FFORX	7347-30355	5/8	15.8	1 3/16-12	30.0	36.0	3.74	95.0	1.76	44.7
G20230-1210	12GS-10FFORX	7347-30435	3/4	19.1	1-14	32.0	30.0	3.82	97.0	1.81	46.0
G20230-1212	12GS-12FFORX	7347-30445	1	25.4	1 3/16-12	32.0	36.0	1.95	99.0	1.89	48.0
G20230-1216	12GS-16FFORX	7347-30465	1	25.4	1 7/16-12	32.0	41.0	4.06	103.0	2.05	52.0
G20230-1220	12GS-20FFORX	7347-30475	3/4	6.4	1 11/16-12	32.0	50.0	3.91	99.3	1.90	48.3
G20230-1612	16GS-12FFORX	7347-30535	1	25.4	1 3/16-12	36.0	36.0	5.15	131.0	2.92	74.2
G20230-1616	16GS-16FFORX	7347-30555	1	25.4	1 7/16-12	41.0	41.0	4.36	110.8	2.14	54.4
G20230-1620	16GS-20FFORX	7347-30565	1	25.4	1 11/16-12	41.0	50.0	4.36	110.7	2.14	54.3
G20230-2020	20GS-20FFORX	7347-30645	1 1/4	31.7	1 11/16-12	50.0	50.0	5.04	128.0	2.24	56.9

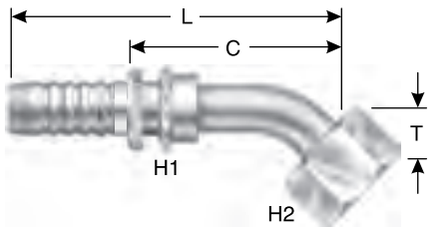
Female Flat-Face O-Ring Swivel - 22° Bent Tube



Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G20232-1616	16GS-16FFORX22-011	7347-78615	1	19.1	1 7/16-12	41.0	41.0	.43	11.0	5.87	149.9	3.68	93.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

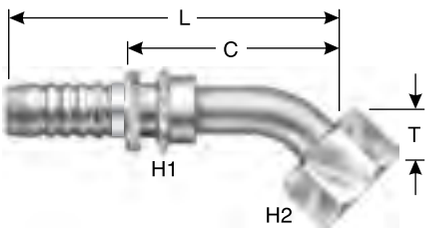
Female Flat-Face O-Ring Swivel - 30° Bent Tube

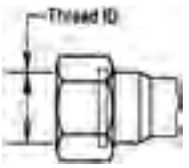


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G20233-1616	16GS-16FFORX30-14	7347-76345	1	19.1	1 7/16-12	41.0	41.0	.55	14.0	5.87	149.0	3.64	92.5

Female Flat-Face O-Ring Swivel - 45° Short Bent Tube

Metric Hex per ISO Draft International Standard 12151-1.SAE J1453 O-Ring Face Seal.



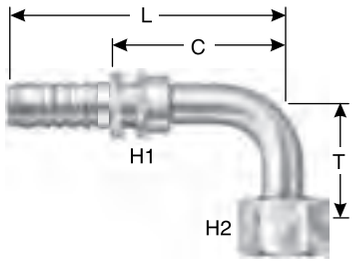


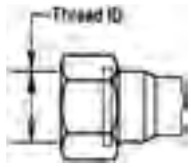
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G20234-0606	6GS-6FFORX45S	7347-31145	3/8	9.5	11/16-16	22.0	22.0	.43	11.0	3.23	82.0	1.82	46.2
G20234-0608	6GS-8FFORX45S	7347-31155	3/8	9.5	13/16-16	22.0	24.0	.59	15.0	3.66	93.0	2.25	57.2
G20234-0808	8GS-8FFORX45S	7347-31245	1/2	12.7	13/16-16	27.0	24.0	.59	15.0	3.70	94.0	2.22	56.5
G20234-0810	8GS-10FFORX45S	7347-31255	1/2	12.7	1-14	27.0	30.0	.63	16.0	3.90	99.0	2.42	61.5
G20234-0812	8GS-12FFORXMM45S-021	7347-31265	1/2	12.7	1 3/16-12	27.0	36.0	.82	21.0	4.53	115.0	3.05	77.5
G20234-1010	10GS-10FFORX45S	7347-31345	5/8	15.8	1-14	30.0	30.0	.63	16.0	4.37	111.0	2.39	60.7
G20234-1212	12GS-12FFORX45S	7347-31445	3/4	19.1	1 3/16-12	32.0	36.0	.83	21.0	4.92	125.0	2.91	74.0
G20234-1216	12GS-16FFORX45S	7347-31465	3/4	19.1	1 7/16-12	32.0	24.0	.94	24.0	5.39	137.0	3.39	86.0
G20234-1616	16GS-16FFORX45S	7347-31555	1	25.4	1 7/16-12	41.0	24.0	.94	24.0	5.67	144.0	3.46	87.8
G20234-1620	16GS-20FFORX45S	7347-31565	1	25.4	1 11/16-12	41.0	50.0	.98	25.0	6.46	164.0	4.24	107.6
G20234-2020	20GS-20FFORX45-032	7347-76045	1 1/4	31.7	1 11/16-12	50.0	50.0	1.26	32.0	7.09	180.0	4.29	108.9

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Flat-Face O-Ring Swivel - 90° Short Bent Tube

Metric Hex per ISO Draft International Standard 12151-1.SAE J1453 O-Ring Face Seal.

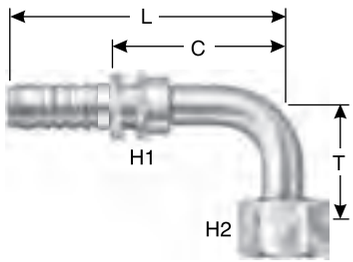


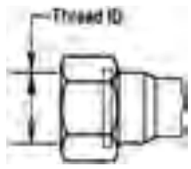


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G20239-0606	6GS-6FFORX90S	7347-32145	3/8	9.5	11/16-16	22.0	22.0	.91	23.0	3.07	78.0	1.66	42.2
G20239-0808	8GS-8FFORX90S	7347-32245	1/2	12.7	13/16-16	27.0	24.0	1.14	29.0	3.39	86.0	1.91	48.5
G20239-0810	8GS-10FFORX90S	7347-32255	21/32	15.9	1-14	28.6	30.0	1.26	32.0	3.98	101.0	2.50	63.5
G20239-0812	8GS-12FFORX90S	7347-32265	1/2	12.7	1 3/16-12	27.0	36.0	1.89	48.0	4.21	107.0	2.74	69.5
G20239-1010	10GS-10FFORX90S	7347-32345	5/8	15.8	1-14	30.0	30.0	1.26	32.0	4.20	106.6	2.22	56.3
G20239-1012	10GS-12FFORXMM90S-048	7347-32355	5/8	15.8	1 3/16-12	30.0	36.0	1.26	32.0	4.21	107.0	2.74	69.5
G20239-1210	12GS-10FFORX90S	7347-32435	3/4	19.1	1-14	30.0	30.0	1.26	32.0	4.37	111.0	2.36	60.0
G20239-1212	12GS-12FFORX90S	7347-32445	3/4	19.1	1 3/16-12	32.0	36.0	1.89	48.0	5.04	128.0	3.03	77.0
G20239-1216	12GS-16FFORX90S	7347-32465	3/4	19.1	1 7/16-12	32.0	41.0	2.20	56.0	5.39	137.0	3.39	86.0
G20239-1616	16GS-16FFORX90S	7347-32555	1	25.4	1 7/16-12	41.0	41.0	2.20	56.0	5.67	144.0	3.45	87.6
G20239-1620	16GS-20FFORX90S	7347-32565	1	25.4	1 11/16-12	41.0	50.0	2.52	64.0	6.06	154.0	3.84	97.6
G20239-2020	20GS-20FFORX90S	7347-32645	1 1/4	31.7	1 11/16-12	50.0	50.0	2.52	64.0	6.77	172.0	3.97	100.9
G20239-2024	20GS-24FFORX90-064	7347-76985	1 1/4	31.7	2-12	50.0	60.0	2.52	64.0	6.77	172.0	3.97	100.9

Female Flat-Face O-Ring Swivel - 90° Medium Bent Tube

Metric Hex per ISO Draft International Standard 12151-1.SAE J1453 O-Ring Face Seal.



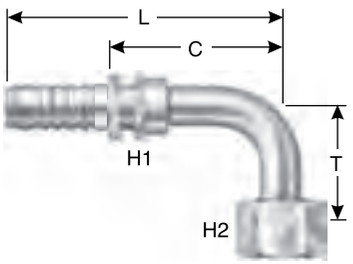


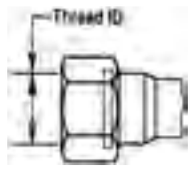
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G20240-0608	6GS-8FFORX90M	7347-33155	3/8	9.5	13/16-16	22.0	24.0	1.61	41.0	3.35	85.0	1.94	49.2
G20240-0808	8GS-8FFORX90M	7347-33245	5/8	15.8	1-14	27.0	24.0	1.61	41.0	3.39	86.0	1.91	48.5
G20240-0810	8GS-10FFORX90M	7347-33255	1/2	12.7	1-14	27.0	30.0	1.85	47.0	3.98	101.0	2.50	63.5
G20240-1010	10GS-10FFORX90M	7347-33345	5/8	15.8	1-14	30.0	30.0	1.85	47.0	4.21	107.0	2.20	56.0
G20240-1212	12GS-12FFORX90M	7347-33445	3/4	19.1	1 3/16-12	32.0	36.0	2.28	58.0	5.04	128.0	3.03	77.0
G20240-1216	12GS-16FFORX90M	7347-33465	3/4	19.1	1 7/16-12	32.0	41.0	2.80	71.0	5.39	137.0	3.39	86.0
G20240-1616	16GS-16FFORX90M	7347-33555	1	25.4	1 7/16-12	41.0	41.0	2.80	71.0	5.67	144.0	3.45	87.6
G20240-1620	16GS-20FFORX90M	7347-33565	1	25.4	1 11/16-12	41.0	50.0	3.07	78.0	6.05	153.6	3.83	97.2
G20240-2020	20GS-20FFORX90M	7347-33645	1 1/4	31.7	1 11/16-12	50.0	50.0	3.07	78.0	6.77	172.0	3.97	100.9

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Flat-Face O-Ring Swivel - 90° Long Bent Tube

Metric Hex per ISO Draft International Standard 12151-1.SAE J1453 O-Ring Face Seal.

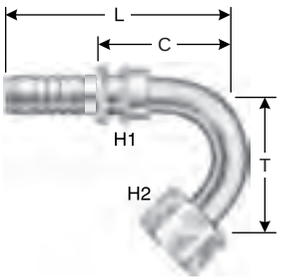


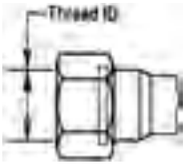


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G20241-0606	6GS-6FFORX90L	7347-34145	3/8	9.5	11/16-16	22.0	22.0	2.13	54.0	3.35	85.0	1.94	49.2
G20241-0808	8GS-8FFORX90-083	7347-73845	1/2	12.7	13/16-16	27.0	24.0	3.27	83.0	3.39	86.0	1.91	48.5
G20241-0810	8GS-10FFORX90L	7347-34255	1/2	12.7	1-14	27.0	30.0	2.76	70.0	3.98	101.0	2.50	63.5
G20241-1010	10GS-10FFORX90L	7347-34345	5/8	15.8	1-14	30.0	30.0	2.76	70.0	4.45	113.0	2.44	62.0
G20241-1212	12GS-12FFORX90L	7347-34445	3/4	19.1	1 3/16-12	32.0	36.0	3.78	96.0	5.04	128.0	3.03	77.0
G20241-1216	12GS-16FFORX90L	7347-34465	3/4	19.1	1 7/16-12	32.0	41.0	4.49	114.0	5.39	137.0	3.39	86.0
G20241-1616	16GS-16FFORX90L	7347-34555	1	25.4	1 7/16-12	41.0	41.0	4.49	114.0	5.67	144.0	3.45	87.6
G20241-2020	20GS-20FFORX90L	7347-34645	1 1/4	31.7	1 11/16-12	50.0	50.0	5.08	129.0	6.77	172.0	3.97	100.9

Female Flat-Face O-Ring Swivel - 135° Bent Tube

Metric Hex per ISO Draft International Standard 12151-1.SAE J1453 O-Ring Face Seal.



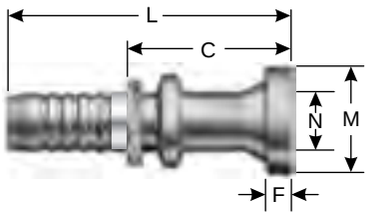


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G20248-1216	12GS-16FFORX135	7347-73795	3/4	19.1	1 7/16-12	27.0	24.0	3.28	83.0	3.39	86.0	1.48	37.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 61 O-Ring Flange

See Accessories for O-Rings.

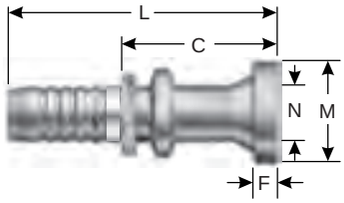


Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G20300-0608	6GS-8FL	7347-41155	3/8	9.5	1/2	1.19	30.2	3.54	90.0	2.13	54.2	.27	6.7
G20300-0808	8GS-8FL	7347-41245	1/2	12.7	1/2	1.19	30.2	3.66	93.0	2.19	55.5	.27	6.7
G20300-0810	8GS-10FLK	7347-55255	1/2	12.7	5/8	1.35	34.2	3.21	81.5	1.74	44.1	.27	6.7
G20300-0812	8GS-12FL	7347-41265	1/2	12.7	3/4	1.50	38.1	3.86	98.0	2.38	60.5	.27	6.7
G20300-0816	8GS-16FL	7347-41285	1/2	12.7	1	1.75	44.5	2.84	72.2	1.37	34.7	.32	8.0
G20300-1010	10GS-10FLK	7347-73335	5/8	15.8	5/8	1.35	34.2	4.49	114.0	2.51	63.7	.27	6.7
G20300-1012	10GS-12FL	7347-41355	5/8	15.8	3/4	1.50	38.1	4.29	109.0	2.31	58.7	.27	6.7
G20300-1208	12GS-8FL	7347-41425	3/4	19.1	1/2	1.19	30.2	4.41	112.0	2.40	61.0	.27	6.7
G20300-1210	12GS-10FLK	7347-73375	3/4	19.1	5/8	1.35	34.2	4.33	110.0	2.32	59.0	.27	6.7
G20300-1212	12GS-12FL	7347-41445	3/4	19.1	3/4	1.50	38.1	4.37	111.0	2.36	60.0	.27	6.7
G20300-1216	12GS-16FL*	7347-41465	3/4	19.1	1	1.75	44.5	4.37	111.0	2.36	60.0	.32	8.0
G20300-1220	12GS-20FL*	7347-41475	3/4	19.1	1 1/4	2.00	50.8	4.37	111.0	2.36	60.0	.32	8.0
G20300-1616	16GS-16FL*	7347-41555	1	25.4	1	1.75	44.5	4.92	125.0	2.70	68.6	.32	8.0
G20300-1620	16GS-20FL*	7347-41565	1	25.4	1 1/4	2.00	50.8	4.92	125.0	2.69	68.2	.32	8.0
G20300-1624	16GS-24FL*	7347-41575	1	25.4	1 1/2	2.38	60.5	4.92	125.0	1.90	48.2	.32	8.0
G20300-2016	20GS-16FL*	7347-41635	1 1/4	31.7	1	1.75	44.5	5.35	136.0	2.55	64.9	.32	8.0
G20300-2020	20GS-20FL*	7347-41645	1 1/4	31.7	1 1/4	2.00	50.8	5.75	146.0	2.95	74.9	.32	8.0
G20300-2024	20GS-24FL*	7347-41655	1 1/4	31.7	1 1/2	2.38	60.5	6.30	160.0	3.50	88.9	.32	8.0
G20300-2032	20GS-32FL*	7347-41665	1 1/4	31.7	2	2.81	71.4	5.71	145.0	2.91	73.9	.38	9.5

** -16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.*

Code 61 O-Ring Flange Long Neck

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.



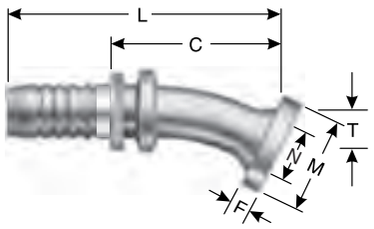
Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G20301-1212	12GS-12FLL	7347-41455	3/4	19.1	3/4	1.50	38.1	5.20	132.0	3.19	81.0	.27	6.7
G20301-1616	16GS-16FLL*	7347-41545	1	25.4	1	1.75	44.5	5.63	143.0	3.41	86.6	.32	8.0
G20301-2020	20GS-20FLL*	7347-41675	1 1/4	31.7	1 1/4	2.00	50.8	6.26	159.0	3.46	87.9	.32	8.0

** -16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.*

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 61 O-Ring Flange - 22½° Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.

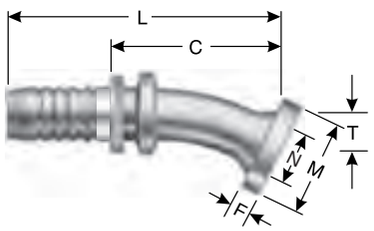


Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20302-0808	8GS-8FL22M	7347-42245	1/2	12.7	1/2	1.19	30.2	.35	9.0	3.78	96.0	2.30	58.5	.27	6.7
G20302-1212	12GS-12FL22M	7347-42445	3/4	19.1	3/4	1.50	38.1	.43	11.0	5.16	131.0	3.15	80.0	.27	6.7
G20302-1216	12GS-16FL22M*	7347-42465	3/4	19.1	1	1.75	44.5	.55	14.0	5.24	133.0	3.23	82.0	.32	8.0
G20302-1616	16GS-16FL22M*	7347-42555	1	25.4	1	1.75	44.5	.55	14.0	6.10	155.0	3.87	98.4	.32	8.0
G20302-1620	16GS-20FL22M*	7347-42565	1	25.4	1 1/4	2.00	50.8	.59	15.0	6.61	168.0	4.37	111.0	.32	8.0
G20302-2020	20GS-20FL22M*	7347-42645	1 1/4	31.7	1 1/4	2.00	50.8	.59	15.0	7.01	178.0	4.21	106.9	.32	8.0
G20302-2024	20GS-24FL22M*	7347-42655	1 1/4	31.7	1 1/2	2.38	60.5	.71	18.0	7.32	186.0	4.52	114.9	.32	8.0

** -16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.*

Code 61 O-Ring Flange - 30° Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.

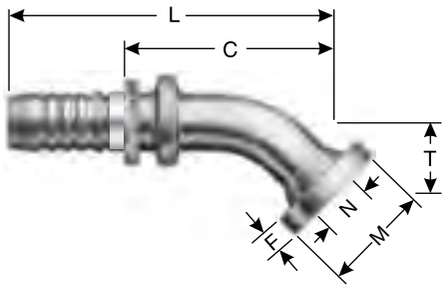


Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20304-0812	8GS-12FL30M	7347-43265	1/2	12.7	3/4	1.50	38.1	.63	16.0	3.94	100.0	2.46	62.5	.27	6.7
G20304-1212	12GS-12FL30M	7347-43445	3/4	19.1	3/4	1.50	38.1	.63	16.0	5.08	129.0	3.07	78.0	.27	6.7
G20304-1216	12GS-16FL30M*	7347-43465	3/4	19.1	1	1.75	44.5	.75	19.0	4.76	121.0	2.76	70.0	.32	8.0
G20304-1616	16GS-16FL30M*	7347-43555	1	25.4	1	1.75	44.5	.75	19.0	6.02	153.0	3.80	96.6	.32	8.0
G20304-1620	16GS-20FL30M*	7347-43565	1	25.4	1 1/4	2.00	50.8	.87	22.0	6.54	166.0	4.29	109.0	.32	8.0
G20304-2020	20GS-20FL30M*	7347-43645	1 1/4	31.7	1 1/4	2.00	50.8	.87	22.0	6.93	176.0	4.13	104.9	.32	8.0
G20304-2024	20GS-24FL30M*	7347-43655	1 1/4	31.7	1 1/2	2.38	60.5	1.18	30.0	7.17	182.0	4.37	110.9	.32	8.0

** -16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.*

Code 61 O-Ring Flange - 45° Short Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.

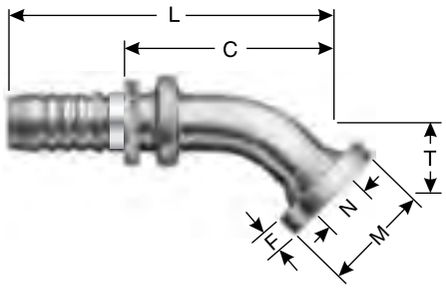


Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20306-1216	12GS-16FL45S*	7347-73135	3/4	19.1	1	1.75	44.5	1.10	28.0	4.96	126.0	2.95	75.0	.32	8.0
G20306-2020	20GS-20FL45S*	7347-73565	1 1/4	31.7	1 1/4	2.00	50.8	1.26	32.0	6.69	170.0	3.89	98.9	.32	8.0
G20306-2024	20GS-24FL45S*	7347-73575	1 1/4	31.7	1 1/2	2.38	60.5	1.50	38.0	6.93	176.0	4.13	104.8	.32	8.0

** -16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.*

Code 61 O-Ring Flange - 45° Medium Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20307-0608	6GS-8FL45M	7347-44155	3/8	9.5	1/2	1.19	30.2	.75	19.0	3.66	93.0	2.25	57.2	.27	6.7
G20307-0808	8GS-8FL45M	7347-44245	1/2	12.7	1/2	1.19	30.2	.75	19.0	3.70	94.0	2.22	56.5	.27	6.7
G20307-0812	8GS-12FL45M	7347-44265	1/2	12.7	3/4	1.50	38.1	1.02	26.0	3.98	101.0	2.50	63.5	.27	6.7
G20307-1010	10GS-10FLK45-026	7347-73365	5/8	15.8	5/8	1.35	34.2	1.02	26.0	4.76	121.0	2.78	70.7	.27	6.7
G20307-1012	10GS-12FL45M	7347-44355	5/8	15.8	3/4	1.50	38.1	1.02	26.0	5.00	127.0	3.02	76.7	.27	6.7
G20307-1212	12GS-12FL45M	7347-44445	3/4	19.1	3/4	1.50	38.1	1.02	26.0	4.88	124.0	2.87	73.0	.27	6.7
G20307-1616	16GS-16FL45M*	7347-44555	1	25.4	1	1.75	44.5	1.26	32.0	5.79	147.0	3.57	90.6	.32	8.0
G20307-1620	16GS-20FL45M*	7347-44565	1	25.4	1 1/4	2.00	50.8	1.50	38.0	6.22	158.0	3.97	100.8	.32	8.0
G20307-2016	20GS-16FL45M*	7347-44635	1 1/4	31.7	1	1.75	44.5	1.26	32.0	6.42	163.0	3.62	91.9	.32	8.0

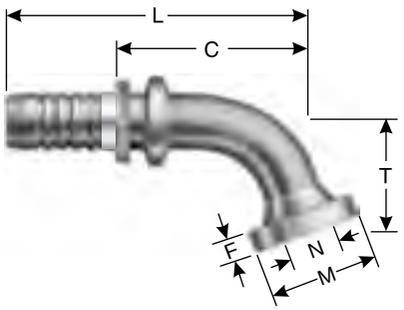
** -16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.*

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 61 O-Ring Flange - 60° Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.

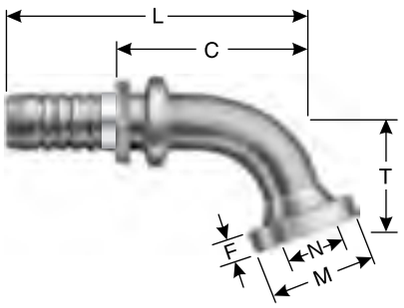


Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20309-0808	8GS-8FL60M	7347-45245	1/2	12.7	1/2	1.19	30.2	1.06	27.0	4.09	104.0	2.62	66.5	.27	6.7
G20309-1212	12GS-12FL60M	7347-45445	3/4	19.1	3/4	1.50	38.1	1.46	37.0	5.39	137.0	3.39	86.0	.27	6.7
G20309-1216	12GS-16FL60M*	7347-45465	3/4	19.1	1	1.75	44.5	1.73	44.0	5.35	136.0	3.35	85.0	.32	8.0
G20309-1616	16GS-16FL60M*	7347-45555	1	25.4	1	1.75	44.5	1.73	44.0	6.18	157.0	3.97	100.8	.32	8.0
G20309-1620	16GS-20FL60M*	7347-45565	1	25.4	1 1/4	2.00	50.8	2.17	55.0	6.18	157.0	3.94	100.2	.32	8.0
G20309-2020	20GS-20FL60M*	7347-45645	1 1/4	31.7	1 1/4	2.00	50.8	2.17	55.0	7.36	187.0	4.56	115.9	.32	8.0
G20309-2024	20GS-24FL60M*	7347-45655	1 1/4	31.7	1 1/2	2.38	60.5	2.52	64.0	7.68	195.0	4.88	123.9	.32	8.0

** -16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.*

Code 61 O-Ring Flange - 67½° Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.

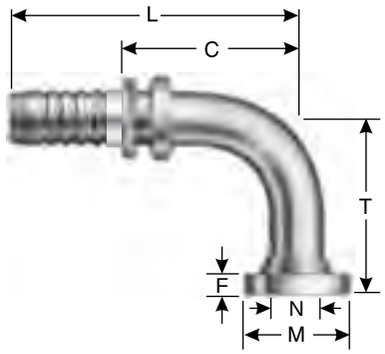


Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20311-0812	8GS-12FL67-032	7347-78025	1/2	12.7	1/2	1.50	38.1	1.26	32.0	3.70	94.0	2.21	56.2	.27	6.7
G20311-1212	12GS-12FL67M	7347-46445	3/4	19.1	3/4	1.50	38.1	1.65	42.0	5.20	132.0	3.19	81.0	.27	6.7
G20311-1216	12GS-16FL67M*	7347-46465	3/4	19.1	1	1.75	44.5	2.01	51.0	5.08	129.0	3.07	78.0	.32	8.0
G20311-1616	16GS-16FL67M*	7347-46555	1	25.4	1	1.75	44.5	2.01	51.0	5.94	151.0	3.71	94.3	.32	8.0
G20311-1620	16GS-20FL67M*	7347-46565	1	25.4	1 1/4	2.00	50.8	2.52	64.0	5.83	148.0	3.59	91.2	.32	8.0
G20311-2020	20GS-20FL67M*	7347-46645	1 1/4	31.7	1 1/4	2.00	50.8	2.52	64.0	7.01	178.0	4.21	106.9	.32	8.0
G20311-2024	20GS-24FL67S*	7347-76605	1 1/4	31.7	1 1/2	2.38	60.5	2.01	51.0	6.46	164.0	3.66	92.9	.32	8.0

** -16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.*

Code 61 O-Ring Flange - 90° Extra Short Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.

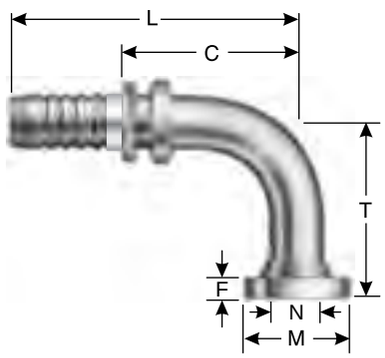


Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20313-1624	16GS-24FL90-060*	7347-73975	1	25.4	1 1/2	2.38	60.3	2.36	60.0	5.71	145.0	3.47	88.2	.32	8.0

** -16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.*

Code 61 O-Ring Flange - 90° Short Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20314-1208	12GS-8FL90-050	7347-76035	3/4	19.1	1/2	1.19	30.2	1.97	50.0	4.80	122.0	2.80	71.0	.27	6.7
G20314-1216	12GS-16FL90S*	7347-73915	3/4	19.1	1	1.75	44.5	2.40	61.0	4.41	112.0	2.40	61.0	.32	8.0
G20314-1220	12GS-20FL90-054*	7347-73995	3/4	19.1	1 1/4	2.00	50.8	2.13	54.0	5.16	131.0	3.15	80.0	.32	8.0
G20314-1616	16GS-16FL90S*	7347-47555	1	25.4	1	1.75	44.5	2.40	61.0	5.31	135.0	3.09	78.6	.32	8.0
G20314-1620	16GS-20FL90S*	7347-47565	1	25.4	1 1/4	2.00	50.8	2.68	68.0	5.28	134.0	3.02	76.8	.32	8.0
G20314-1624	16GS-24FL90S*	7347-47575	1	25.4	1 1/2	2.38	60.5	3.19	81.0	5.28	134.0	3.04	77.2	.32	8.0
G20314-2020	20GS-20FL90S*	7347-47645	1 1/4	31.7	1 1/4	2.00	50.8	2.68	68.0	6.50	165.0	3.70	93.9	.32	8.0
G20314-2024	20GS-24FL90S*	7347-47655	1 1/4	31.7	1 1/2	2.38	60.5	3.19	81.0	6.50	165.0	3.70	93.9	.32	8.0

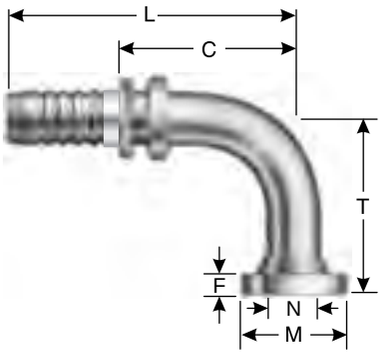
** -16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.*

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 61 O-Ring Flange - 90° Medium Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.

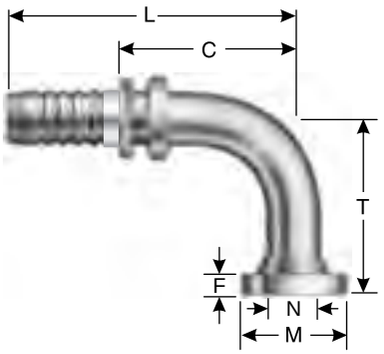


Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20315-0608	6GS-8FL90M	7347-74155	3/8	9.5	1/2	1.19	30.2	1.57	40.0	3.43	87.0	2.02	51.2	.27	6.7
G20315-0808	8GS-8FL90M	7347-74245	1/2	12.7	1/2	1.19	30.2	1.57	40.0	3.46	88.0	1.99	50.5	.27	6.7
G20315-0812	8GS-12FL90M	7347-74265	1/2	12.7	3/4	1.50	38.1	2.28	58.0	3.46	88.0	1.98	50.4	.27	6.7
G20315-1010	10GS-10FLK90-055	7347-73355	5/8	15.8	5/8	1.35	34.2	2.17	55.0	4.33	110.0	2.35	59.7	.27	6.7
G20315-1012	10GS-12FL90M	7347-74355	5/8	15.8	3/4	1.50	38.1	2.28	58.0	4.33	110.0	2.35	59.7	.27	6.7
G20315-1210	12GS-10FLK90-055	7347-73695	3/4	19.1	5/8	1.35	34.2	2.17	55.0	4.65	118.0	2.64	67.0	.27	6.7
G20315-1212	12GS-12FL90M	7347-74445	3/4	19.1	3/4	1.50	38.1	2.28	58.0	4.41	112.0	2.40	61.0	.27	6.7
G20315-1216	12GS-16FL90M*	7347-73925	3/4	19.1	1	1.75	44.5	2.76	70.0	4.41	112.0	2.40	61.0	.32	8.0
G20315-1616	16GS-16FL90M*	7347-74555	1	25.4	1	1.75	44.5	2.76	70.0	5.31	135.0	3.09	78.6	.32	8.0
G20315-1620	16GS-20FL90M*	7347-74565	1	25.4	1 1/4	2.00	50.8	3.54	90.0	5.28	134.0	2.99	76.0	.32	8.0
G20315-2016	20GS-16FL90M*	7347-74635	1 1/4	31.7	1	1.75	44.5	2.76	70.0	6.30	160.0	3.50	88.9	.32	8.0
G20315-2020	20GS-20FL90M*	7347-74645	1 1/4	31.7	1 1/4	2.00	50.8	3.54	90.0	6.50	165.0	3.70	93.9	.32	8.0
G20315-2024	20GS-24FL90-118*	7347-76085	1 1/4	31.7	1 1/2	2.38	60.5	4.65	118.0	6.50	165.0	3.70	93.9	.32	8.0

** -16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.*

Code 61 O-Ring Flange - 90° Long Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20316-0808	8GS-8FL90L	7347-73815	1/2	12.7	1/2	1.19	30.2	3.27	83.0	3.46	88.0	1.99	50.5	.27	6.7

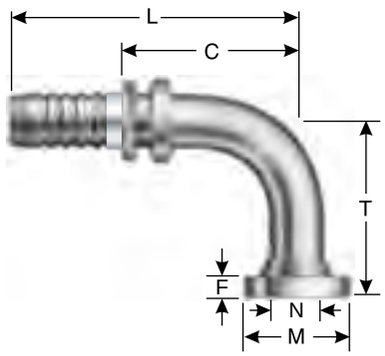
Code 61 O-Ring Flange - 90° Long Bent Tube - Cont'd

Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
G20316-1216	12GS-16FL90-080*	7347-76805	3/4	19.1	1	1.75	44.5	3.15	80.0	5.04	128.0	3.03	77.0	.32	8.0

** -16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.*

Code 61 O-Ring Flange - 90° Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.

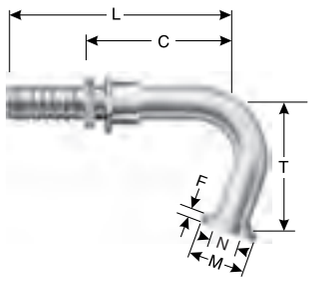


Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20317-1212	12GS-12FL90-100	7347-73905	3/4	19.1	3/4	1.50	38.1	3.94	100.0	4.41	112.0	2.40	61.0	.27	6.7
G20317-1220	12GS-20FL90-125*	7347-78375	3/4	19.1	1 1/4	2.00	50.8	4.92	125.0	4.76	121.0	2.76	70.0	.32	8.0
G20317-1616	16GS-16FL90-120*	7347-73165	1	25.4	1	1.75	44.5	4.72	120.0	5.28	134.0	3.04	77.2	.32	8.0
G20317-1620	16GS-20FL90-120	7347-76495	1	25.4	1 1/4	2.00	50.8	4.72	120.0	5.28	134.0	3.04	77.2	.32	8.0
G20317-2020	20GS-20FL90-168*	7347-76105	1 1/4	31.7	1 1/4	2.00	50.8	6.61	168.0	6.54	166.0	3.74	94.9	.32	8.0
G20318-1212	12GS-12FL90-125	7347-73985	3/4	19.1	3/4	1.50	38.1	4.92	125.0	4.80	122.0	2.80	71.0	.27	6.7

** -16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.*

Code 61 O-Ring Flange - 100° Bent Tube

See Accessories for O-Rings.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20323-1216	12GS-16FL100-059*	7347-78055	3/4	19.1	1	1.75	44.4	2.32	59.0	4.93	125.2	2.92	74.2	.32	8.0

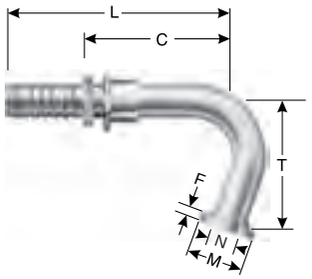
** -16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.*

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 61 O-Ring Flange - 110° Bent Tube

See Accessories for O-Rings.

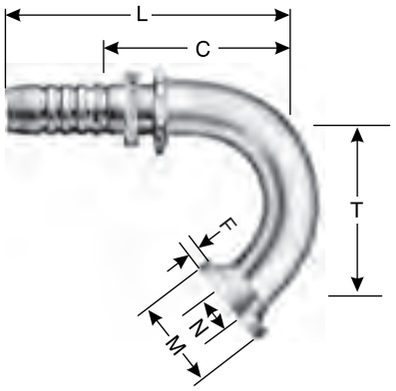


Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20325-1212	12GS-12FL110-064	7347-76025	3/4	19.1	3/4	1.50	38.1	2.52	64.0	5.16	131.0	3.15	80.0	.27	6.7
G20325-1616	16GS-16FL110-073*	7347-73005	1	25.4	1	1.75	44.5	2.87	73.0	5.83	148.0	3.61	91.6	.32	8.0
G20325-1620	16GS-20FL110-073*	7347-76455	1	25.4	1 1/4	2.00	50.8	2.87	73.0	4.65	118.0	2.41	61.2	.32	8.0
G20325-2020	20GS-20FL110-080*	7347-76115	1 1/4	31.7	1 1/4	2.00	50.8	3.15	80.0	7.13	181.0	4.33	109.9	.32	8.0
G20325-2024	20GS-24FL110-080*	7347-76125	1 1/4	31.7	1 1/2	2.38	60.5	3.15	80.0	7.13	181.0	4.33	109.9	.32	8.0

** -16FL Max. W.P. 5,000 psi; -20FL Max. W.P. 4,000 psi; -24FL Max. W.P. 3,000 psi; -32FL Max. W.P. 2,000 psi.*

Code 61 O-Ring Flange - 135° Bent Tube

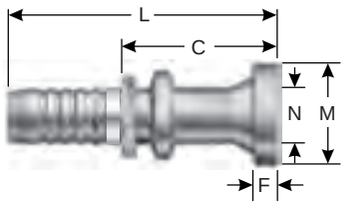
See Accessories for O-Rings.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20331-1212	12GS-12FL135-070	7347-76825	3/4	19.1	3/4	1.50	38.1	2.76	70.0	3.82	97.0	1.81	46.0	.27	6.7

Code 62 O-Ring Flange Heavy

See Accessories for O-Rings.



Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G20350-0808	8GS-8FLH	7347-48245	1/2	12.7	1/2	1.25	31.8	3.66	93.0	2.19	55.5	.31	7.8
G20350-0812	8GS-12FLH	7347-48265	1/2	12.7	3/4	1.63	41.4	3.66	93.0	2.19	55.5	.35	8.8
G20350-1008	10GS-8FLH	7347-48335	5/8	15.8	1/2	1.25	31.8	4.29	109.0	2.31	58.7	.31	7.8
G20350-1012	10GS-12FLH	7347-48355	5/8	15.8	3/4	1.63	41.4	4.29	109.0	2.31	58.7	.35	8.8
G20350-1212	12GS-12FLH	7347-48445	3/4	19.1	3/4	1.63	41.4	4.49	114.0	2.48	63.0	.35	8.8
G20350-1216	12GS-16FLH	7347-48465	3/4	19.1	1	1.88	47.8	4.49	114.0	2.48	63.0	.38	9.5
G20350-1612	16GS-12FLH	7347-48535	3/4	19.1	3/4	1.63	41.4	5.08	129.0	2.86	72.6	.35	8.8
G20350-1616	16GS-16FLH	7347-48555	1	25.4	1	1.88	47.8	4.92	125.0	2.70	68.6	.38	9.5
G20350-1620	16GS-20FLH	7347-48565	1	25.4	1 1/4	2.13	54.1	4.92	125.0	2.69	68.2	.41	10.3
G20350-2016	20GS-16FLH	7347-48635	1	25.4	1	1.88	47.8	6.42	163.0	3.62	91.9	.38	9.5
G20350-2020	20GS-20FLH	7347-48645	3/8	9.5	1 1/4	2.13	54.1	5.75	146.0	2.95	74.9	.41	10.3
G20350-2024	20GS-24FLH	7347-48655	1 1/4	31.7	1 1/2	2.50	63.5	6.30	160.0	3.50	88.9	.50	12.6

Code 62 O-Ring Flange Heavy - 22½° Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.

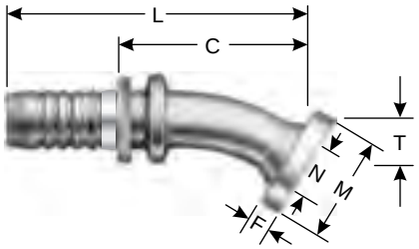
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20352-1216	12GS-16FLH22M	7347-49465	3/4	19.1	1	1.88	47.8	.55	14.0	5.43	138.0	3.43	87.0	.38	9.5
G20352-1616	16GS-16FLH22M	7347-49555	1	25.4	1	1.88	47.8	.55	14.0	6.10	155.0	3.88	98.6	.38	9.5
G20352-1620	16GS-20FLH22M	7347-49565	1	25.4	1 1/4	2.13	54.1	—	15.0	—	168.0	—	114.9	.41	10.3
G20352-2020	20GS-20FLH22M	7347-49645	1 1/4	31.7	1 1/4	2.13	54.1	.59	15.0	7.32	186.0	4.52	114.9	.41	10.3
G20352-2024	20GS-24FLH22M	7347-49655	1 1/4	31.7	1 1/2	2.50	63.5	.71	18.0	7.40	188.0	4.60	116.9	.50	12.6

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 62 O-Ring Flange Heavy - 30° Bent Tube

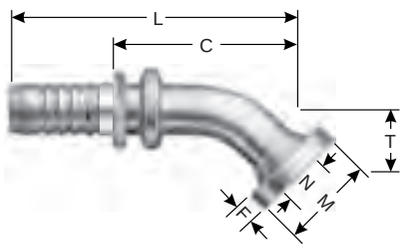
S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20354-1212	12GS-12FLH30M	7347-50445	3/4	19.1	3/4	1.63	41.4	.63	16.0	5.08	129.0	3.07	78.0	.35	8.8
G20354-1216	12GS-16FLH30M	7347-50465	3/4	19.1	1	1.88	47.8	.75	19.0	5.08	129.0	3.07	78.0	.38	9.5
G20354-1616	16GS-16FLH30M	7347-50555	1	25.4	1	1.88	47.8	.75	19.0	6.02	153.0	3.80	96.6	.38	9.5
G20354-2020	20GS-20FLH30M	7347-50645	1 1/4	31.7	1 1/4	2.13	54.1	.87	22.0	7.24	184.0	4.44	112.9	.41	10.3
G20354-2024	20GS-24FLH30M	7347-50655	1 1/4	31.7	1 1/2	2.50	63.5	1.18	30.0	7.24	184.0	4.44	112.9	.50	12.6

Code 62 O-Ring Flange Heavy - 45° Bent Tube

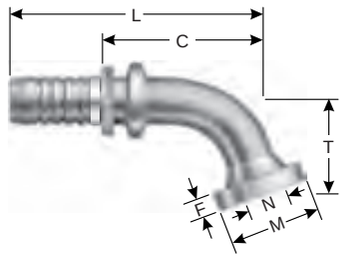
S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20357-0808	8GS-8FLH45M	7347-51245	1/2	12.7	1/2	1.25	31.8	.75	19.0	3.70	94.0	2.22	56.5	.31	7.9
G20357-0812	8GS-12FLH45M	7347-51265	5/8	15.8	3/4	1.63	41.4	1.02	26.0	3.98	101.0	2.50	63.5	.35	8.8
G20357-1012	10GS-12FLH45M	7347-51355	5/8	15.8	3/4	1.63	41.4	1.02	26.0	5.00	127.0	3.02	76.7	.35	8.8
G20357-1212	12GS-12FLH45M	7347-51445	3/4	19.1	3/4	1.63	41.4	1.02	26.0	4.88	124.0	2.87	73.0	.35	8.8
G20357-1216	12GS-16FLH45M	7347-51465	3/4	19.1	1	1.88	47.8	1.26	32.0	5.12	130.0	3.11	79.0	.38	9.5
G20357-1612	16GS-12FLH45M	7347-51535	1	25.4	3/4	1.63	41.4	1.02	26.0	5.55	141.0	3.33	84.6	.35	8.8
G20357-1616	16GS-16FLH45M	7347-51555	1	25.4	1	1.88	47.8	1.26	32.0	5.79	147.0	3.57	90.6	.38	9.5
G20357-1620	16GS-20FLH45M	7347-51565	1	25.4	1 1/4	2.13	54.1	1.50	38.0	6.22	158.0	3.98	101.2	.41	10.3
G20357-2016	20GS-16FLH45M	7347-51635	1 1/4	31.7	1	1.88	47.6	1.26	32.0	6.73	171.0	3.93	99.7	.38	9.5
G20357-2020	20GS-20FLH45M	7347-51645	1 1/4	31.7	1 1/4	2.13	54.1	1.50	38.0	6.93	176.0	4.13	104.9	.41	10.3
G20357-2024	20GS-24FLH45M	7347-51655	1 1/4	31.7	1 1/2	2.50	63.5	1.73	44.0	6.93	176.0	4.13	104.9	.50	12.6

Code 62 O-Ring Flange Heavy - 60° Bent Tube

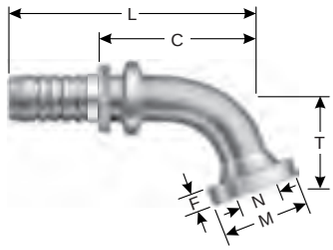
S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20359-1212	12GS-12FLH60M	7347-52445	3/4	19.1	3/4	1.63	41.4	1.46	37.0	5.39	137.0	3.39	86.0	.35	8.8
G20359-1216	12GS-16FLH60M	7347-52465	3/4	19.1	1	1.88	47.8	1.73	44.0	5.35	136.0	3.35	85.0	.38	9.5
G20359-1616	16GS-16FLH60M	7347-52555	1	25.4	1	1.88	47.8	1.73	44.0	6.18	157.0	3.96	100.8	.38	9.5
G20359-2020	20GS-20FLH60M	7347-52645	1 1/4	31.7	1 1/4	2.13	54.1	2.17	55.0	7.32	186.0	4.52	114.9	.41	10.3
G20359-2024	20GS-24FLH60M	7347-52655	1 1/4	31.7	1 1/2	2.50	63.5	2.52	64.0	7.64	194.0	4.84	122.9	.50	12.6

Code 62 O-Ring Flange Heavy - 67½° Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20360-1616	16GS-16FLH67M	7347-53555	1	25.4	1	1.88	47.8	2.01	51.0	5.94	151.0	3.72	94.6	.38	9.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 62 O-Ring Flange Heavy - 90° Short Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.

Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20364-1216	12GS-16FLH90S	7347-54465	3/4	19.1	1	1.88	47.8	2.40	61.0	4.41	112.0	2.40	61.0	.38	9.5
G20364-1616	16GS-16FLH90S	7347-54555	1	25.4	1	1.88	47.8	2.40	61.0	5.31	135.0	3.09	78.6	.38	9.5
G20364-1620	16GS-20FLH90S	7347-54565	1	25.4	1 1/4	2.13	54.1	2.68	68.0	5.28	134.0	3.02	76.8	.41	10.3
G20364-1624	16GS-24FLH90S	7347-54575	1	25.4	1 1/2	2.50	63.5	3.19	81.0	5.28	134.0	3.04	77.2	.50	12.6
G20364-2016	20GS-16FLH90S	7347-54635	1 1/4	31.7	1	1.88	47.8	2.40	61.0	6.30	160.0	3.50	88.9	.38	9.5
G20364-2020	20GS-20FLH90-076	7347-73635	1 1/4	31.7	1 1/4	2.13	54.1	2.99	76.0	6.50	165.0	3.70	93.9	.41	10.3
G20364-2024	20GS-24FLH90S	7347-54655	1 1/4	31.7	1 1/2	2.50	63.5	3.19	81.0	6.50	165.0	3.70	93.9	.50	12.6

Code 62 O-Ring Flange Heavy - 90° Medium Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.

Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20365-0808	8GS-8FLH90M	7347-75245	1/2	12.7	1/2	1.25	31.8	1.57	40.0	3.46	88.0	1.99	50.5	.31	7.8
G20365-0812	8GS-12FLH90M	7347-75265	1/2	12.7	3/4	1.63	41.4	2.28	58.0	3.46	88.0	1.99	50.5	.35	8.8
G20365-1008	10GS-8FLH90M	7347-75335	5/8	15.8	1/2	1.25	31.8	1.57	40.0	4.45	113.0	2.47	62.7	.31	7.8
G20365-1012	10GS-12FLH90M	7347-75355	5/8	15.8	3/4	1.63	41.4	2.28	58.0	4.33	110.0	2.35	59.7	.35	8.8
G20365-1212	12GS-12FLH90M	7347-75445	3/4	19.1	3/4	1.63	41.4	2.28	58.0	4.41	112.0	2.40	61.0	.35	8.8
G20365-1216	12GS-16FLH90M	7347-73935	3/4	19.1	1	1.88	47.8	2.76	70.0	4.41	112.0	2.40	61.0	.38	9.5
G20365-1612	16GS-12FLH90M	7347-54535	1	25.4	3/4	1.63	41.4	2.28	58.0	5.31	135.0	3.09	78.6	.35	8.8
G20365-1616	16GS-16FLH90M	7347-75555	1	25.4	1	1.88	47.8	2.76	70.0	5.31	135.0	3.09	78.6	.38	9.5
G20365-1620	16GS-20FLH90M	7347-75565	1	25.4	1 1/4	2.13	54.1	3.54	90.0	5.28	134.0	3.02	76.8	.41	10.3
G20365-2016	20GS-16FLH90M	7347-75635	1 1/4	31.7	1	1.88	47.8	2.76	70.0	6.30	160.0	3.50	88.9	.38	9.5
G20365-2020	20GS-20FLH90M	7347-75645	1 1/4	31.7	1 1/4	2.00	50.8	3.54	90.0	6.50	165.0	3.70	93.9	.32	8.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 62 O-Ring Flange Heavy - 90° Long Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.

Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20366-0808	8GS-8FLH90-080	7347-73825	1/2	12.7	1/2	1.25	31.8	3.15	80.0	3.46	88.0	1.99	50.5	.31	7.8
G20366-1212	12GS-12FLH90-100	7347-73835	3/4	19.1	3/4	1.63	41.4	3.94	100.0	4.41	112.0	2.40	61.0	.35	8.8
G20366-1616	16GS-16FLH90-120	7347-73015	1	25.4	1	1.88	47.8	4.72	120.0	5.28	134.0	3.04	77.2	.38	9.5
G20366-2016	20GS-16FLH90-100	7347-76185	1 1/4	31.7	1	1.88	47.8	3.94	100.0	6.30	160.0	3.50	88.9	.38	9.5
G20366-2020	20GS-20FLH90-120	7347-76135	1 1/4	31.7	1 1/4	2.13	54.1	4.72	120.0	6.50	165.0	3.70	93.9	.41	10.3

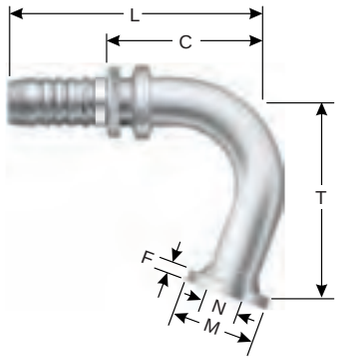
Code 62 O-Ring Flange Heavy - 90° Extra Long Bent Tube

S, M and L Drops per ISO Final Draft International Standard 12151-3.See Accessories for O-Rings.

Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20367-1212	12GS-12FLH90-122	7347-76415	3/4	19.1	3/4	1.63	41.4	4.80	122.0	4.80	122.0	2.80	71.0	.35	8.8
G20367-1216	12GS-16FLH90-140	7347-76715	3/4	19.1	1	1.88	47.8	5.51	140.0	4.57	116.0	2.56	65.0	.38	9.5
G20367-1616	16GS-16FLH90-090	7347-78105	1	25.4	1	1.88	47.8	3.54	90.0	5.52	140.2	3.28	83.4	.38	9.5
G20367-2020	20GS-20FLH90-152	7347-76485	1 1/4	31.7	1 1/4	2.13	54.1	5.98	152.0	6.50	165.0	3.70	93.9	.41	10.3

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

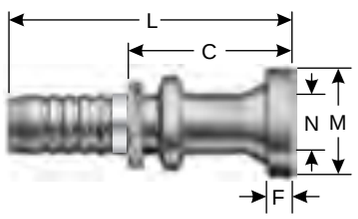
Code 62 O-Ring Flange Heavy - 110° Bent Tube



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20369-1212	12GS-12FLH110-064	7347-78525	3/4	19.1	3/4	1.50	38.1	2.76	70.0	3.82	97.0	1.81	46.0	.27	6.7

Caterpillar Style O-Ring Flange

Note: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".See Accessories for O-Rings.



Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G20400-1212	12GS-12FLC	7347-62445	3/4	19.1	3/4	1.63	41.4	5.71	145.0	3.70	94.0	.56	14.2
G20400-1216	12GS-16FLC	7347-62465	3/4	19.1	1	1.88	47.8	5.71	145.0	3.70	94.0	.56	14.2
G20400-1616	16GS-16FLC	7347-62555	1	25.4	1	1.88	47.8	6.10	155.0	3.87	98.2	.56	14.2
G20400-1620	16GS-20FLC	7347-62565	1	25.4	1 1/4	2.13	54.1	6.10	155.0	3.87	98.2	.56	14.2
G20400-2020	20GS-20FLC	7347-62645	1 1/4	31.7	1 1/4	2.13	54.1	7.36	187.0	4.56	115.9	.56	14.2
G20400-2024	20GS-24FLC	7347-62655	1 1/4	31.7	1 1/2	2.50	63.5	7.36	187.0	4.56	115.9	.56	14.2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

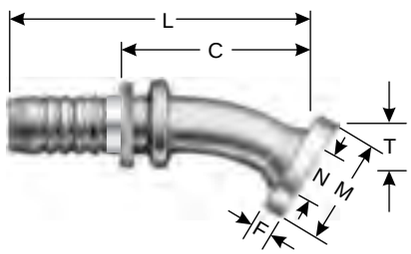
Caterpillar Style O-Ring Flange - 22½° Bent Tube

Note: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".See Accessories for O-Rings.

Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20402-1212	12GS-12FLC22-016	7347-63445	3/4	19.1	3/4	1.63	41.4	.63	16.0	5.63	143.0	3.62	92.0	.56	14.2
G20402-1616	16GS-16FLC22-017	7347-63555	1	25.4	1	1.88	47.8	.67	17.0	6.02	153.0	3.78	95.9	.56	14.2
G20402-1620	16GS-20FLC22-017	7347-63565	1	25.4	1 1/4	2.13	54.1	.67	17.0	6.02	153.0	3.78	95.9	.56	14.2
G20402-2020	20GS-20FLC22-017	7347-63645	1 1/4	31.7	1 1/4	2.13	54.1	.67	17.0	7.28	185.0	4.48	113.9	.56	14.2
G20402-2024	20GS-24FLC22-017	7347-63655	1 1/4	31.7	1 1/2	2.50	63.5	.67	17.0	7.28	185.0	4.48	113.9	.56	14.2

Caterpillar Style O-Ring Flange - 30° Bent Tube

Note: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".See Accessories for O-Rings.

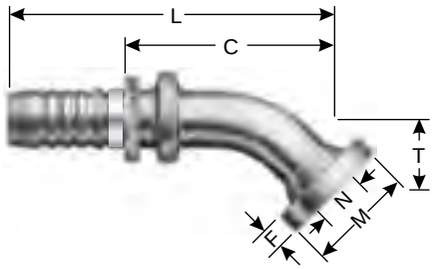


Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20404-1212	12GS-12FLC30-022	7347-64445	3/4	19.1	3/4	1.63	41.4	.87	22.0	5.51	140.0	3.50	89.0	.56	14.2
G20404-1216	12GS-16FLC30-022	7347-64465	3/4	19.1	1	1.88	47.8	.87	22.0	5.55	141.0	3.54	90.0	.56	14.2
G20404-1616	16GS-16FLC30-023	7347-64555	1	25.4	1	1.88	47.8	.91	23.0	5.94	151.0	3.69	93.7	.56	14.2
G20404-1620	16GS-20FLC30-023	7347-64565	1	25.4	1 1/4	2.13	54.1	.91	23.0	5.94	151.0	3.69	93.7	.56	14.2
G20404-2020	20GS-20FLC30-024	7347-64645	3/4	31.7	1 1/4	2.13	54.1	.94	24.0	7.20	183.0	4.41	111.9	.56	14.2
G20404-2024	20GS-24FLC30-024	7347-64655	1 1/4	31.7	1 1/2	2.50	63.5	.94	24.0	7.20	183.0	4.41	111.9	.56	14.2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Caterpillar Style O-Ring Flange - 45° Bent Tube

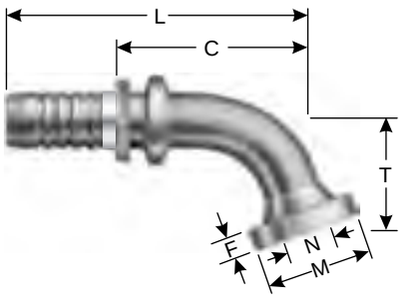
Note: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".See Accessories for O-Rings.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20407-1212	12GS-12FLC45-035	7347-65445	3/4	19.1	3/4	1.63	41.4	1.38	35.0	5.24	133.0	3.23	82.0	.56	14.2
G20407-1216	12GS-16FLC45-035	7347-65465	3/4	19.1	1	1.88	47.8	1.38	35.0	5.24	133.0	3.23	82.0	.56	14.2
G20407-1616	16GS-16FLC45-037	7347-65555	1	25.4	1	1.88	47.8	1.46	37.0	5.63	143.0	3.40	86.3	.56	14.2
G20407-1620	16GS-20FLC45-037	7347-65565	1	25.4	1 1/4	2.13	54.1	1.46	37.0	5.63	143.0	3.40	86.3	.56	14.2
G20407-2020	20GS-20FLC45-037	7347-65645	1 1/4	31.7	1 1/4	2.13	54.1	1.46	37.0	6.93	176.0	4.13	104.9	.56	14.2
G20407-2024	20GS-24FLC45-037	7347-65655	1 1/4	31.7	1 1/2	2.50	63.5	1.46	37.0	6.93	176.0	4.13	104.9	.56	14.2
G20408-1212	12GS-12FLC45-066	7347-76425	3/4	19.1	3/4	1.63	41.4	2.60	66.0	6.50	165.0	4.49	114.0	.56	14.2

Caterpillar Style O-Ring Flange - 60° Bent Tube

Note: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".See Accessories for O-Rings.

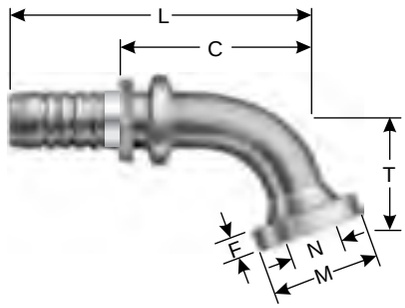


Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20409-1216	12GS-16FLC60-048	7347-66465	3/4	19.1	1	1.88	47.8	1.89	48.0	5.75	146.0	3.74	95.0	.56	14.2
G20409-1616	16GS-16FLC60-050	7347-66555	1	25.4	1	1.88	47.8	1.97	50.0	6.42	163.0	4.17	106.0	.56	14.2
G20409-1620	16GS-20FLC60-050	7347-66565	1	25.4	1 1/4	2.13	54.1	1.97	50.0	6.42	163.0	4.17	106.0	.56	14.2
G20409-2020	20GS-20FLC60-052	7347-66645	1 1/4	31.7	1 1/4	2.13	54.1	2.05	52.0	7.80	198.0	5.00	126.9	.56	14.2
G20409-2024	20GS-24FLC60-052	7347-66655	1 1/4	31.7	1 1/2	2.50	63.5	2.05	52.0	7.80	198.0	5.00	126.9	.56	14.2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Caterpillar Style O-Ring Flange - 67½° Bent Tube

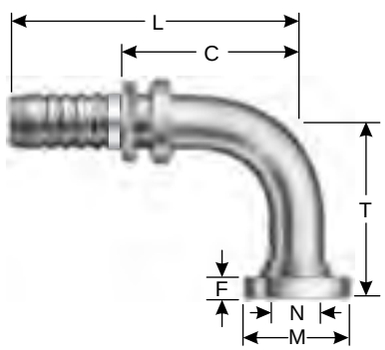
Note: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".See Accessories for O-Rings.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20410-1616	16GS-16FLC67-057	7347-67555	1	25.4	1	1.88	47.8	2.24	57.0	6.14	156.0	3.90	99.0	.56	14.2
G20410-1620	16GS-20FLC67-057	7347-67565	1	25.4	1 1/4	2.13	54.1	2.24	57.0	6.14	156.0	3.90	99.0	.56	14.2
G20410-2020	20GS-20FLC67-059	7347-67645	1 1/4	31.7	1 1/4	2.13	54.1	2.32	59.0	7.52	191.0	4.72	119.9	.56	14.2
G20410-2024	20GS-24FLC67-059	7347-67655	1 1/4	31.7	1 1/2	2.50	63.5	2.32	59.0	7.52	191.0	4.72	119.9	.56	14.2

Caterpillar Style O-Ring Flange - 90° Short Bent Tube

Note: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".See Accessories for O-Rings.

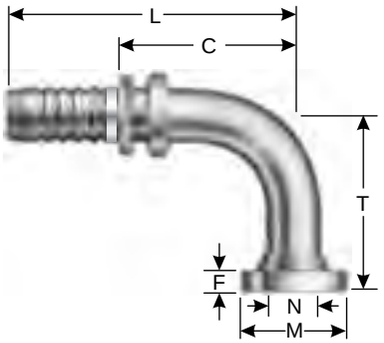


Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G20415-1212	12GS-12FLC90-068	7347-73945	3/4	19.1	3/4	1.88	41.3	4.92	125.0	2.91	74.0	.56	14.2
G20415-1216	12GS-16FLC90-068	7347-73955	3/4	19.1	1	1.88	47.8	4.61	117.0	2.60	66.0	.56	14.2
G20415-1616	16GS-16FLC90-074	7347-68555	1	25.4	1	1.88	47.8	5.16	131.0	2.92	74.1	.56	14.2
G20415-1620	16GS-20FLC90-074	7347-68565	1	25.4	1 1/4	2.13	54.1	5.16	131.0	2.92	74.1	.56	14.2
G20415-2020	20GS-20FLC90-077	7347-68645	1 1/4	31.7	1 1/4	2.13	54.1	6.54	166.0	3.74	94.9	.56	14.2
G20415-2024	20GS-24FLC90-077	7347-68655	1 1/4	31.7	1 1/2	2.50	63.5	6.54	166.0	3.74	94.9	.56	14.2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

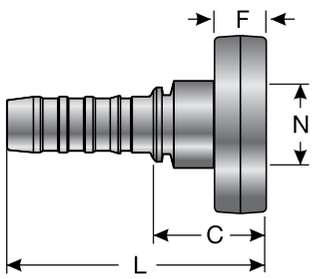
Caterpillar Style O-Ring Flange - 90° Medium Bent Tube

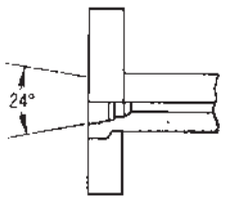
Note: These FLC flanges are designed with a thicker flange head. The 0.56" flange dimension is frequently found on Caterpillar equipment. These flanges let the user utilize the existing Caterpillar flange halves or new Gates Caterpillar flange halves. At the user's option, standard Code 62 flanges and halves can be used in place of Caterpillar flanges and halves. The standard Code 62 flange head thickness ranges between .305" and .495".See Accessories for O-Rings.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G20416-1212	12GS-12FLC90-128	7347-76015	3/4	19.1	3/4	1.63	41.4	5.04	128.0	4.61	117.0	2.60	66.0	.56	14.2
G20416-1616	16GS-16FLC90-132	7347-73035	1	25.4	1	1.88	47.8	5.20	132.0	5.16	131.0	2.92	74.1	.56	14.2
G20416-1620	16GS-20FLC90-132	7347-68585	1	25.4	1.25	2.13	54.1	5.19	131.8	5.15	130.8	2.92	74.2	.56	14.2
G20416-2020	20GS-20FLC90SP-150	7347-68685	1 1/4	31.7	1.25	2.13	54.1	5.90	149.9	9.48	240.8	6.70	170.2	.56	14.2

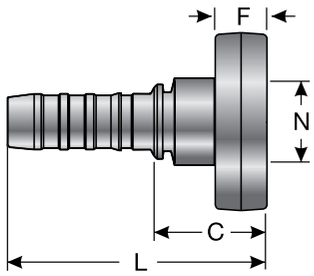
Female French GAZ (Poclain) 24° High Pressure Flange

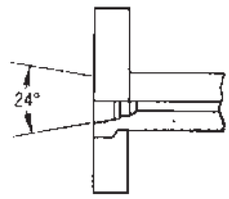




Part No.	Descr.	Prod. No.	⊖		N	L		C		F	
			"	mm	"	"	mm	"	mm	"	mm
STANDARD PACK											
G20420-0817	8GS-17FPFL	7347-93215	1/2	12.7	17	2.72	69.0	1.24	31.5	.56	14.2
G20420-1021	10GS-21FPFL	7347-92995	5/8	15.8	21	3.35	85.0	1.37	34.7	.56	14.2
G20420-1227	12GS-27FPFL	7347-93065	3/4	19.1	27	3.58	91.0	1.57	40.0	.56	14.2
G20420-1634	16GS-34FPFL	7347-93165	1	25.4	34	4.02	102.0	1.78	45.2	.56	14.2
G20420-2042	20GS-42FPFL	7347-93465	1 1/4	31.7	42	5.24	133.0	2.44	61.9	.56	14.2

Male French GAZ (Poclain) 24° High Pressure Flange



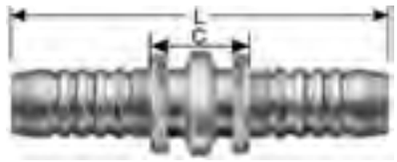


Part No.	Descr.	Prod. No.	⊖		N	L		C		F	
			"	mm	"	"	mm	"	mm	"	mm
STANDARD PACK											
G20480-0817	8GS-17MPFL	7347-93225	1/2	12.7	17	3.11	79.0	1.63	41.5	.56	14.2
G20480-1021	10GS-21MPFL	7347-93005	5/8	15.8	21	3.27	83.0	1.29	32.7	.56	14.2
G20480-1634	16GS-34MPFL	7347-93185	1	25.4	34	4.51	114.5	2.27	57.7	.56	14.2
G20480-2042	20GS-42MPFL	7347-93475	1 1/4	31.7	42	6.77	172.0	3.96	100.9	.56	14.2

Male French GAZ (Poclain) 24° High Pressure Flange - 90° Bent Tube

Part No.	Descr.	Prod. No.	⊖		N	T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G20482-1021	10GS-21MPFL90	7347-93045	5/8	15.8	21	2.27	57.7	3.62	91.9	1.64	41.7	.56	14.2
G20482-2042	20GS-32MPFL90	7347-93485	1 1/4	31.7	42	3.51	89.2	5.90	149.9	3.09	78.5	.56	14.2

Hose Length Extender Caterpillar

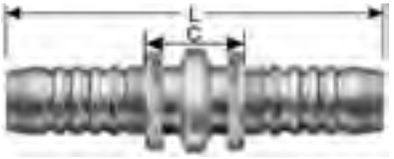


Part No.	Descr.	Prod. No.	⊖		L		C	
			"	mm	"	mm	"	mm
STANDARD PACK								
G20534-1212	12GS-12HLEC	7347-76405	3/4	19.1	6.42	163.0	2.40	61.0
G20534-1616	16GS-16HLEC	7347-76395	1	25.4	7.09	180.0	2.61	66.4

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

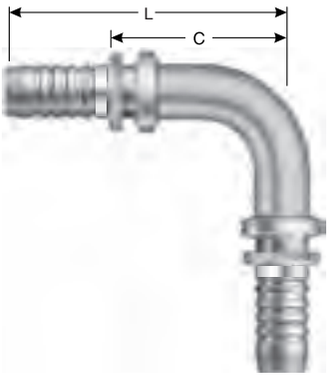
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Hose Length Extender



Part No.	Descr.	Prod. No.	⊖		L		C	
			"	mm	"	mm	"	mm
STANDARD PACK								
G20535-0808	8GS-8HLE	7347-73265	1/2	12.7	3.70	94.0	.75	19.1
G20535-1212	12GS-12HLE	7347-76815	3/4	19.0	4.80	121.9	.78	19.9
G20535-1616	16GS-16HLE	7347-76625	1	25.4	5.43	138.0	.98	24.4

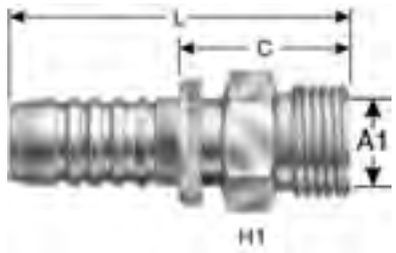
Hose Length Extender - 90° Bent Tube

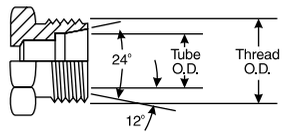


Part No.	Descr.	Prod. No.	⊖		L		C	
			"	mm	"	mm	"	mm
STANDARD PACK								
G20537-0808	8GS-8HLE90-086	7347-73195	1/2	12.7	3.39	86.0	1.91	48.5
G20537-1212	12GS-12HLE90-112	7347-73965	3/4	19.1	4.39	111.5	2.38	60.5
G20537-1616	16GS-16HLE90-127	7347-73705	1	25.4	5.00	127.0	2.76	70.2
G20537-2020	20GS-20HLE90-155	7347-76705	1 1/4	31.7	6.10	155.0	3.30	83.9

Male DIN 24° Cone - Light Series

Do not use at a pressure above DIN Light ratings.Nut Hex per ISO Draft International Standards 12151-2.

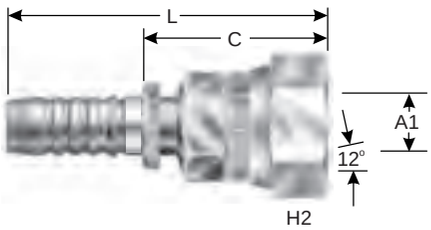


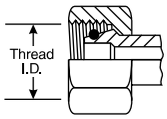


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C		A1
			"	mm		"	"	"	mm	"	mm	mm
STANDARD PACK												
G20615-0612	6GS-12MDL	7347-93445	3/8	9.5	M18X1.5	22.00	—	2.51	63.7	1.10	27.9	12.0
G20615-0815	8GS-15MDL	7347-90625	1/2	12.7	M22X1.5	24.00	—	2.48	63.0	1.00	25.5	15.0
G20615-1222	12GS-22MDL	7347-93565	3/4	19.1	M30X2.0	32.00	—	3.13	79.5	1.12	28.5	22.0
G20615-1628	16GS-28MDL	7347-91495	1	25.4	M36X2.0	41.00	—	3.54	90.0	1.31	33.2	28.0

Female DIN 24° Cone Swivel - Light Series with O-Ring

Do not use at a pressure above DIN Light ratings.Nut Hex per ISO Draft International Standards 12151-2.





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C		A1
			"	mm		mm	mm	"	mm	"	mm	mm
STANDARD PACK												
G20645-0612	6GS-12FDLORX	7347-92815	3/8	9.5	M18X1.5	—	22.0	2.87	73.0	1.46	37.2	12.0
G20645-0815	8GS-15FDLORX	7347-90595	1/2	12.7	M22X1.5	—	22.0	2.87	73.0	1.40	35.5	15.0
G20645-1018	10GS-18FDLORX	7347-92105	5/8	15.8	M26X1.5	—	32.0	3.61	91.8	1.63	41.5	18.0
G20645-1222	12GS-22FDLORX	7347-92125	3/4	19.1	M30X2.0	—	36.0	3.82	97.0	1.81	46.0	22.0
G20645-1228	12GS-28FDLORX	7347-92165	3/4	19.1	M36X2.0	—	41.0	3.90	99.0	1.89	48.0	28.0
G20645-1628	16GS-28FDLORX	7347-90795	1	25.4	M36X2.0	—	41.0	4.13	105.0	1.91	48.6	28.0
G20645-2035	20GS-35FDLORX	7347-94135	1 1/4	31.7	M45X2.0	—	50.0	5.21	132.3	2.41	61.2	35.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
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FIELD ATTACHABLE G1 & G2 COUPLINGS
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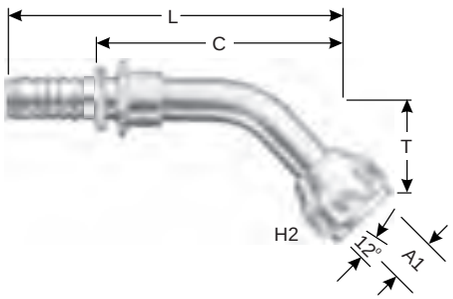
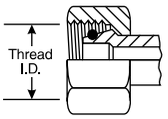
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female DIN 24° Cone Swivel - Light Series with O-Ring - 45° Bent Tube

Do not use at a pressure above DIN Light ratings.Nut Hex per ISO Draft International Standards 12151-2.

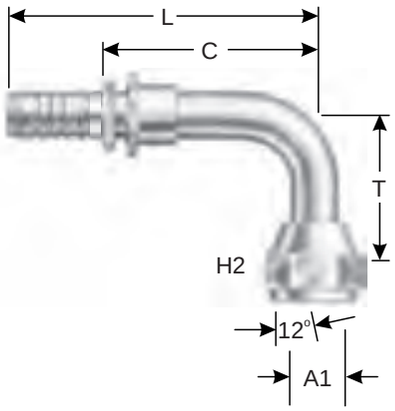


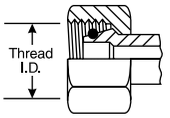


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C		A1
			"	mm		mm	mm	"	mm	"	mm	"	mm	mm
STANDARD PACK														
G20650-0815	8GS-15FDLORX45	7347-90605	1/2	12.7	M22X1.5	—	27.0	.79	20.0	3.72	74.5	2.25	57.2	15.0
G20650-1222	12GS-22FDLORX45	7347-92525	3/4	19.1	M30X2.0	—	36.0	1.17	29.8	5.35	135.8	3.34	84.8	22.0
G20650-1628	16GS-28FDLORX45	7347-91525	1	25.4	M36X2.0	—	41.0	1.21	30.7	6.12	155.5	3.90	99.0	28.0

Female DIN 24° Cone Swivel - Light Series with O-Ring - 90° Bent Tube

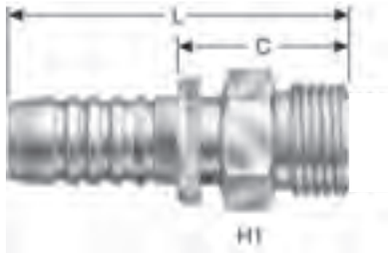
Do not use at a pressure above DIN Light ratings.Nut Hex per ISO Draft International Standards 12151-2.





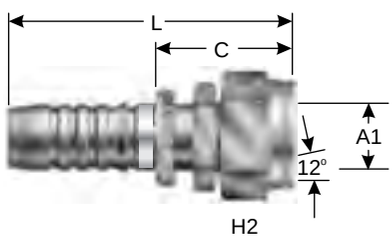
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C		A1
			"	mm		mm	mm	"	mm	"	mm	"	mm	mm
STANDARD PACK														
G20655-0612	6GS-12FDLORX90	7347-92455	3/8	9.5	M19X1.5	—	22.0	1.45	26.8	3.07	78.0	1.66	42.1	12.0
G20655-0815	8GS-15FDLORX90	7347-90615	1/2	12.7	M22X1.5	—	27.0	1.65	41.9	3.46	88.0	1.98	50.3	15.0
G20655-1018	10GS-18FDLORX90	7347-92515	5/8	15.8	M26X1.5	—	32.0	2.03	51.5	4.47	113.5	2.49	63.2	18.0
G20655-1222	12GS-22FDLORX90M	7347-92135	3/4	19.1	M30X2.0	—	36.0	2.44	62.0	4.86	123.5	2.86	72.5	22.0
G20655-1628	16GS-28FDLORX90M	7347-90765	1	25.4	M36X2.0	—	41.0	2.76	70.0	5.82	147.7	2.71	68.7	28.0

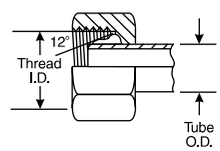
Male French GAZ



Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G20675-0817	8GS17MFG	7347-90655	1/2	12.7	M24X1.5	26.0	—	2.61	66.3	1.14	23.7
G20675-1021	10GS21MFG	7347-91645	5/8	15.8	M30X1.5	32.0	—	3.14	79.8	1.16	25.9
G20675-1221	12GS-21MFG	7347-94075	3/4	19.1	M30X1.5	32.0	—	3.23	82.0	1.22	31.0
G20675-1227	12GS-27MFG	7347-93055	3/4	19.1	M36X1.5	41.0	—	3.33	84.5	1.32	33.5
G20675-1634	16GS-34MFG	7347-93155	1	25.4	M45X1.5	50.0	—	3.70	94.0	1.46	37.1

Female French GAZ Swivel (Female Kobelco)





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C		A1
			"	mm		mm	mm	"	mm	"	mm	mm
STANDARD PACK												
G20680-0817	8GS-17FFGX	7347-90665	1/2	12.7	M24X1.5	—	30.0	2.68	68.0	1.20	30.5	16.8
G20680-1021	10GS-21FFGX	7347-93025	5/8	15.8	M30X1.5	—	36.0	3.44	87.5	1.44	36.5	21.2
G20680-1221	12GS-21FFGX	7347-94715	3/4	19.1	M30X1.5	—	36.0	3.27	83.0	1.29	32.7	21.2
G20680-1227	12GS-27FFGX	7347-93075	3/4	19.1	M36X1.5	—	41.0	3.41	86.5	1.40	35.5	26.8
G20680-1627	16GS-27FFGX	7347-94725	1	25.4	M36X1.5	—	41.0	3.41	86.5	1.40	35.5	26.8
G20680-1634	16GS-34FFGX	7347-93175	1	25.4	M45X1.5	—	55.0	3.76	95.5	1.54	39.1	33.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
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BARBED STEM
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LOW PRESSURE COUPLINGS
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POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
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ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
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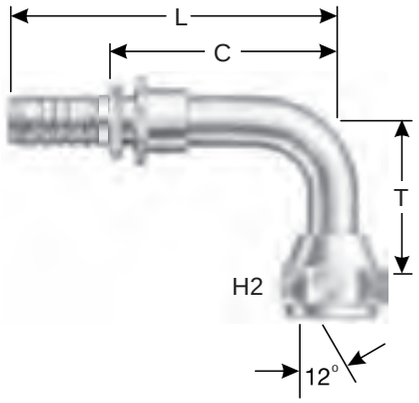
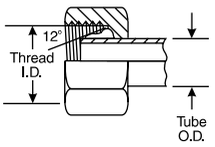
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

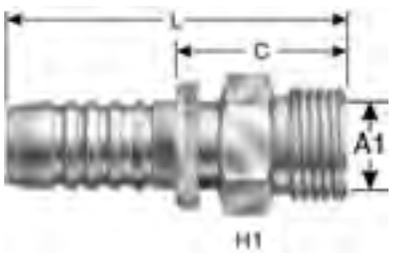
Female French GAZ Swivel - 90° Bent Tube

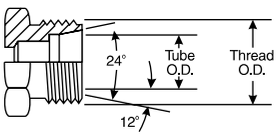




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G20690-1021	10GS-21FFGX90	7347-93035	5/8	15.8	M30X1.5	—	36.0	1.77	45.0	3.62	92.0	1.64	41.7
G20691-1227	12GS5K-27FFGX90-060	7347-78645	3/4	19.1	M36X1.5	—	41.0	2.36	60.0	4.91	124.7	2.90	73.7
G20691-1634	16GS5K-34FFGX90-065	7347-78655	1	25.4	M45X1.5	—	55.0	2.56	65.0	5.67	144.0	3.45	87.6

Male DIN 24° Cone - Heavy Series

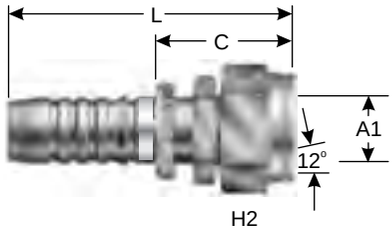


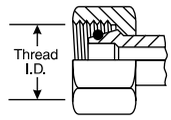


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C		A1
			"	mm		mm	mm	"	mm	"	mm	mm
STANDARD PACK												
G20715-0612	6GS-12MDH	7347-01785	3/8	9.5	M20X1.5	22.0	—	2.51	63.7	1.10	27.9	12.0
G20715-0816	8GS-16MDH	7347-91325	1/2	12.7	M24X1.5	27.0	—	1.17	67.5	1.18	30.0	16.0
G20715-1020	10GS-20MDH	7347-92695	5/8	15.8	M30X2.0	32.0	—	3.35	85.0	1.37	34.7	20.0
G20715-1220	12GS-20MDH	7347-92255	3/4	19.1	M30X2.0	32.0	—	3.35	85.0	1.34	34.0	20.0
G20715-1225	12GS-25MDH	7347-92265	3/4	19.1	M36X2.0	41.0	—	3.50	89.0	1.50	38.0	25.0
G20715-1230	12GS-30MDH	7347-93765	3/4	19.1	M42X2.0	46.0	—	3.90	97.0	1.06	42.2	30.0
G20715-1625	16GS-25MDH	7347-91505	1	25.4	M30X2.0	41.0	—	3.82	97.0	1.58	40.2	25.0
G20715-1630	16GS-30MDH	7347-91515	1	25.4	M42X2.0	46.0	—	3.90	99.0	1.66	42.2	30.0
G20715-2038	20GS-38MDH	7347-93295	1 1/4	31.7	M52X2.0	55.0	—	4.84	123.0	2.04	51.9	38.0

Female DIN 24° Cone Swivel - Heavy Series with O-Ring

Nut Hex per ISO Draft International Standards 12151-2.

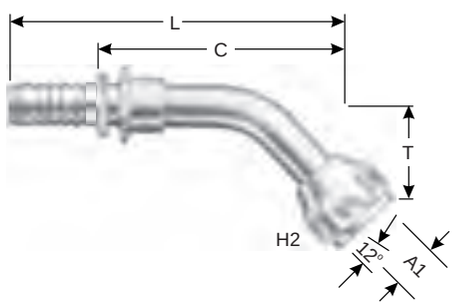


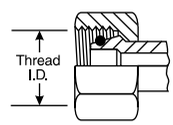


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C		A1
			"	mm		mm	mm	"	mm	"	mm	mm
STANDARD PACK												
G20720-0610	6GS-10FDHORX	7347-92635	3/8	9.5	M18X1.5	—	22.0	3.24	85.0	1.41	36.5	10.0
G20720-0612	6GS-12FDHORX	7347-92645	3/8	9.5	M20X1.5	—	24.0	2.87	73.0	1.46	37.2	12.0
G20720-0614	6GS-14FDHORX	7347-92085	3/8	9.5	M22X1.5	—	27.0	2.97	75.5	1.56	39.7	14.0
G20720-0812	8GS-12FDHORX	7347-95195	1/2	12.7	M20X1.5	—	24.0	2.87	75.5	1.53	38.9	12.0
G20720-0814	8GS-14FDHORX	7347-92095	1/2	12.7	M22X1.5	—	27.0	3.01	76.5	1.53	38.9	14.0
G20720-0816	8GS-16FDHORX	7347-91335	1/2	12.7	M24X1.5	—	30.0	3.11	79.0	1.63	41.5	16.0
G20720-0820	8GS-20FDHORX	7347-92715	1/2	12.7	M30X2.0	—	36.0	3.11	79.0	1.96	49.7	20.0
G20720-1020	10GS-20FDHORX	7347-92115	5/8	15.8	M30X2.0	—	36.0	3.94	100.0	1.96	49.7	20.0
G20720-1025	10GS-25FDHORX	7347-93425	5/8	15.8	M36X2.0	—	46.0	4.09	104.0	2.11	53.7	25.0
G20720-1220	12GS-20FDHORX	7347-92145	3/4	19.1	M30X2.0	—	36.0	4.06	103.0	2.05	52.0	20.0
G20720-1225	12GS-25FDHORX	7347-92155	3/4	19.1	M36X2.0	—	46.0	4.23	107.4	2.22	56.4	25.0
G20720-1625	16GS-25FDHORX	7347-91535	1	25.4	M36X2.0	—	46.0	4.57	116.0	2.35	59.6	25.0
G20720-1630	16GS-30FDHORX	7347-90805	1	25.4	M42X2.0	—	50.0	4.65	118.0	2.43	61.6	30.0
G20720-1638	16GS-38FDHORX	7347-94225	1	25.4	M52X2.0	—	—	4.40	111.8	2.17	55.1	—
G20720-2038	20GS-38FDHORX	7347-93305	1 1/4	31.7	M52X2.0	—	60.0	5.71	145.0	2.91	73.9	38.0

Female DIN 24° Cone Swivel - Heavy Series with O-Ring - 45° Bent Tube

Nut Hex per ISO Draft International Standards 12151-2.





Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C		A1
			"	mm		mm	mm	"	mm	"	mm	"	mm	mm
STANDARD PACK														
G20725-0612	6GS-12FDHORX45	7347-92425	3/8	9.5	M20X1.5	—	24.0	2.87	73.0	2.97	75.5	1.41	36.5	12.0
G20725-0614	6GS-14FDHORX45	7347-92465	3/8	9.5	M22X1.5	—	27.0	2.97	75.5	3.31	77.4	1.46	37.2	14.0
G20725-0816	8GS-16FDHORX45M	7347-91345	1/2	12.7	M24X1.5	—	30.0	.85	21.6	3.70	94.1	2.23	56.7	16.0
G20725-1020	10GS-20FDHORX45	7347-92325	5/8	15.8	M30X2.0	—	36.0	.98	24.9	4.79	121.6	2.81	71.3	20.0
G20725-1220	12GS-20FDHORX45	7347-93285	3/4	19.1	M30X2.0	—	36.0	1.17	29.8	6.33	160.9	4.33	109.9	20.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
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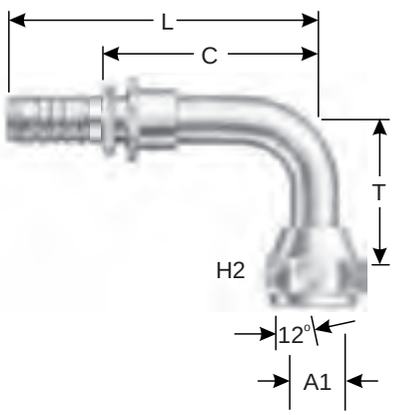
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

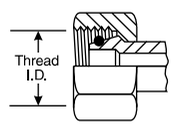
Female DIN 24° Cone Swivel - Heavy Series with O-Ring - 45° Bent Tube - Cont'd

Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C		A1
			"	mm		mm	mm	"	mm	"	mm	"	mm	mm
G20725-1225	12GS-25FDHORX45M	7347-92175	3/4	19.1	M36X2.0	—	46.0	1.23	31.2	5.31	134.8	3.40	86.3	25.0
G20725-1625	16GS-25FDHORX45M	7347-91545	1	25.4	M36X2.0	—	46.0	1.38	35.1	3.90	99.0	1.66	42.2	25.0
G20725-1630	16GS-30FDHORX45	7347-91565	1	25.4	M42X2.0	—	50.0	1.38	35.1	6.29	159.7	4.07	103.3	30.0
G20725-2038	20GS-38FDHORX45M	7347-93415	1 1/4	31.7	M52X2.0	—	60.0	1.67	42.5	7.72	196.0	4.92	124.9	38.0

Female DIN 24° Cone Swivel - Heavy Series with O-Ring - 90° Bent Tube

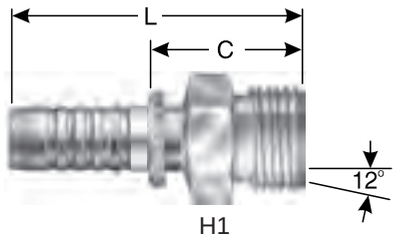
Nut Hex per ISO Draft International Standards 12151-2.

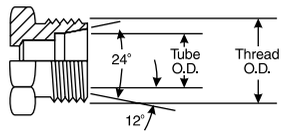




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C		A1
			"	mm		mm	mm	"	mm	"	mm	"	mm	mm
STANDARD PACK														
G20730-0612	6GS-12FDHORX90	7347-92435	3/8	9.5	M20X1.5	—	24.0	1.45	36.8	3.07	78.0	1.46	37.1	12.0
G20730-0614	6GS-14FDHORX90	7347-92475	3/8	9.5	M22X1.5	—	27.0	1.57	40.0	3.07	78.0	1.66	42.2	14.0
G20730-0816	8GS-16FDHORX90M	7347-91485	1/2	12.7	M24X1.5	—	30.0	1.73	44.0	3.39	86.0	1.91	48.5	16.0
G20730-1020	10GS-20FDHORX90M	7347-92335	5/8	15.8	M30X2.0	—	36.0	2.01	51.0	4.43	112.5	2.45	62.2	20.0
G20730-1220	12GS-20FDHORX90M	7347-92185	3/4	19.1	M30X2.0	—	36.0	2.44	62.0	4.86	123.5	2.85	72.5	20.0
G20730-1225	12GS-25FDHORX90M	7347-92195	3/4	19.1	M36X2.0	—	46.0	2.52	64.0	4.86	123.5	2.85	72.5	25.0
G20730-1625	16GS-25FDHORX90	7347-91555	1	25.4	M36X2.0	—	46.0	2.99	76.0	5.94	151.0	3.72	94.6	25.0
G20730-1630	16GS-30FDHORX90M	7347-90775	1	25.4	M42X2.0	—	50.0	2.99	76.0	5.81	147.7	3.59	91.3	30.0
G20730-2038	20GS-38FDHORX90M	7347-93315	1 1/4	31.7	M52X2.0	—	60.0	3.43	87.0	7.11	180.5	4.31	109.4	38.0

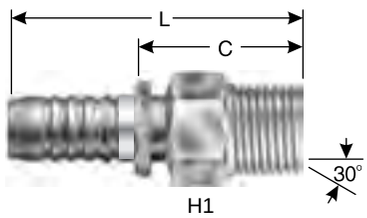
Male Kobelco Style

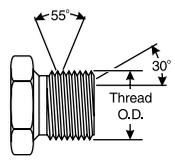




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G20735-1222	12GS-22MKB	7347-73665	3/4	19.1	M30X2.0	36.0	—	3.35	85.0	1.34	34.0
G20735-1228	12GS-28MKB	7347-73675	3/4	19.1	M36X1.5	41.0	—	3.62	92.0	1.61	41.0
G20735-1628	16GS-28MKB	7347-73095	1	25.4	M36X1.5	50.0	—	3.98	101.0	1.74	44.2
G20735-1635	16GS-35MKB	7347-73025	1	25.4	M45X1.5	50.0	—	3.74	95.0	1.50	38.1

Male British Standard Pipe Parallel





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G20810-0606	6GS-6MBSPP	7347-01775	3/8	9.5	3/8-19	22.0	—	2.48	63.0	1.07	27.2
G20810-0808	8GS-8MBSPP	7347-91365	1/2	12.7	1/2-14	27.0	—	2.66	67.5	1.81	30.0
G20810-1010	10GS-10MBSPP	7347-92615	5/8	15.8	5/8-14	30.0	—	2.66	67.5	1.18	30.0
G20810-1012	10GS-12MBSPP	7347-92625	5/8	15.8	3/4-14	32.0	—	3.35	85.0	1.37	34.7
G20810-1212	12GS-12MBSPP	7347-92205	3/4	19.1	3/4-14	32.0	—	3.35	85.0	1.37	34.7
G20810-1616	16GS-16MBSPP	7347-90825	1	25.4	1-11	41.0	—	3.86	98.0	1.62	41.2
G20810-2020	20GS-20MBSPP	7347-93365	1 1/4	31.7	1 1/4-11	50.0	—	4.65	118.0	1.85	46.9

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
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POLARSEAL II COUPLINGS
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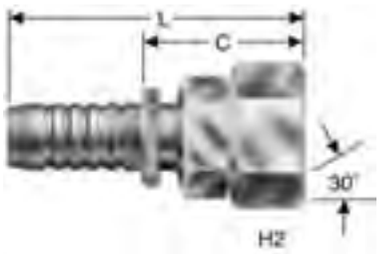
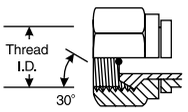
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female British Standard Parallel Pipe O-Ring Swivel

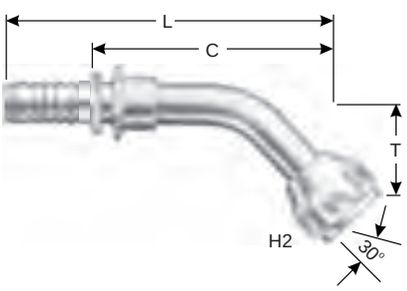


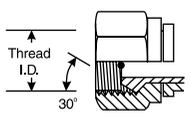


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G20830-0606	6GS-6FBSPORX	7347-92235	3/8	9.5	3/8-19	—	22.0	2.34	59.4	.93	23.5
G20830-0608	6GS-8FBSPORX	7347-92705	3/8	9.5	1/2-14	—	27.0	2.40	61.0	.93	25.5
G20830-0808	8GS-8FBSPORX	7347-91405	1/2	12.7	1/2-14	—	27.0	2.40	61.0	.93	23.5
G20830-1010	10GS-10FBSPORX	7347-92405	5/8	15.8	5/8-14	—	30.0	3.35	85.0	1.18	30.0
G20830-1012	10GS-12FBSPORX	7347-93965	5/8	15.8	3/4-14	—	30.0	3.35	85.0	1.37	34.7
G20830-1212	12GS-12FBSPORX	7347-93995	3/4	19.1	3/4-14	—	32.0	3.41	86.5	1.40	35.5
G20830-1216	12GS-16FBSPORX	7347-92585	3/4	19.1	1-11	—	41.0	3.74	86.6	1.40	35.6
G20830-1616	16GS-16FBSPORX	7347-90815	1	25.4	1-11	—	41.0	3.74	95.0	1.52	38.6
G20830-2020	20GS-20FBSPORX	7347-93375	1 1/4	31.7	1 1/4-11	—	50.0	4.59	116.5	1.79	45.4
G28830-1620	16GS-20FBSPORX	7347-94195	—	—	—	—	—	—	—	—	—

Female British Standard Parallel Pipe O-Ring Swivel - 45° Bent Tube

S, M and L Drops and Hex per ISO Working Draft 12151-6.

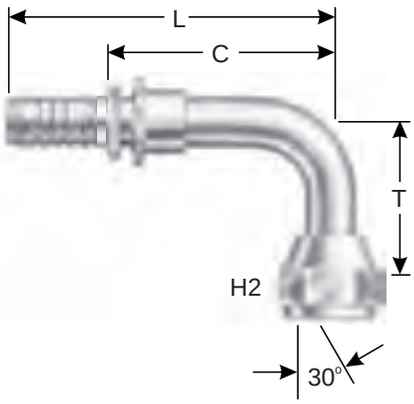


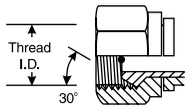


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G20831-0606	6GS-6FBSPORX45M	7347-92345	3/8	9.5	3/8-19	—	22.0	.61	15.4	3.27	83.1	1.86	47.3
G20831-0808	8GS-8FBSPORX45M	7347-91415	1/2	12.7	1/2-14	—	27.0	.67	17.0	3.60	91.5	2.13	54.1
G20831-1010	10GS-10FBSPORX45	7347-92285	5/8	15.8	5/8-14	—	30.0	1.04	26.0	4.20	107.0	2.25	70.0
G20831-1212	12GS-12FBSPORX45M	7347-92245	3/4	19.1	3/4-14	—	32.0	1.11	28.3	5.29	134.4	3.28	83.4
G20831-1616	16GS-16FBSPORX45M	7347-92275	1	25.4	1-11	—	41.0	1.22	30.9	6.12	155.5	3.90	99.1
G20831-2020	20GS-20FBSPORX45M	7347-93395	1 1/4	31.7	1 1/4-11	—	50.0	1.48	37.5	7.52	191.1	4.72	119.9

Female British Standard Parallel Pipe O-Ring Swivel - 90° Bent Tube

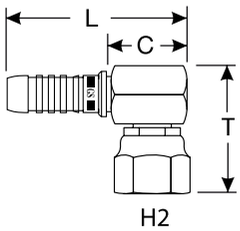
S, M and L Drops and Hex per ISO Working Draft 12151-6.

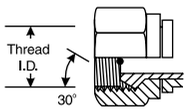




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G20832-0606	6GS-6FBSPORX90M	7347-92355	3/8	9.5	3/8-19	—	22.0	1.26	32.0	3.07	78.0	1.66	42.2
G20832-0808	8GS-8FBSPORX90M	7347-91425	1/2	12.7	1/2-14	—	27.0	1.48	37.0	3.46	88.0	1.99	50.5
G20832-1010	10GS-10FBSPORX90	7347-92295	5/8	15.9	5/8-14	—	30.0	1.90	49.3	4.70	119.4	2.45	62.3
G20832-1212	12GS-12FBSPORX90M	7347-92225	3/4	19.1	3/4-14	—	32.0	2.36	60.0	4.86	123.5	2.85	72.5
G20832-1616	16GS-16FBSPORX90M	7347-90785	1	25.4	1-11	—	41.0	2.76	70.0	5.81	147.7	3.59	91.3
G20832-2020	20GS-20FBSPORX90M	7347-93405	1 1/4	31.7	1 1/4-11	—	50.0	3.15	80.0	7.11	180.5	4.31	109.4

Female British Standard Pipe Parallel O-Ring Swivel - 90° Block





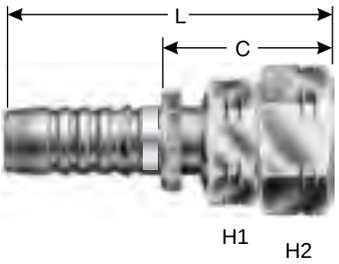
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G20845-1212	12GS-12FBSPORX90BL	7347-93955	3/4	19.1	3/4-14	—	32.0	1.53	34.2	3.07	78.0	1.06	27.0

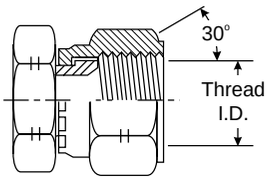
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Komatsu Style Japanese Metric Swivel

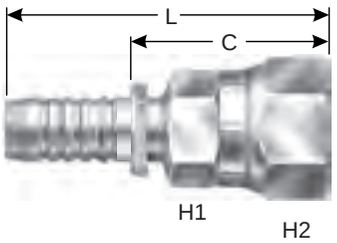
These female swivels have been marked with two small notches on the hex to identify them as the Komatsu style.

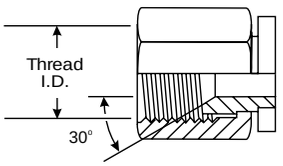




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G20910-0808	8GS-8FKX	7347-35245	1/2	12.7	M22X1.5	27.0	27.0	2.93	74.4	1.46	37.0
G20910-1010	10GS-10FKX	7347-35345	5/8	15.8	M24X1.5	30.0	32.0	3.74	95.0	1.76	44.7
G20910-1212	12GS-12FKX	7347-35445	3/4	19.1	M30X1.5	32.0	36.0	4.00	101.7	2.00	50.7
G20910-1616	16GS-16FKX	7347-35555	1	25.4	M33X1.5	41.0	41.0	4.51	114.6	2.29	58.2

Female Japanese Industrial Standard 30° Flare Swivel





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G20930-1212	12GS-12FJISX	7347-76195	3/4	19.1	3/4-14	32.0	36.0	3.87	98.2	1.86	47.2
G20930-1616	16GS-16FJISX	7347-76005	1	25.4	1-11	41.0	41.0	4.25	108.0	2.03	51.6
G20930-2020	20GS-20FJISX	7347-76235	1 1/4	31.7	1 1/4-11	27.0	50.0	5.35	136.0	2.56	64.9

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

GS Ferrule for 2-Wire Braid Hose

For 12M4K and 16M3K Hose Only.

Part No.	Descr.	Prod. No.	⊖		L		⊙	
			"	mm	"	mm	"	mm
STANDARD PACK								
G20995-0106	6GS1F-1	7347-02875	3/8	9.5	—	—	—	—
G20995-0206	6GS1F-2	7347-02945	3/8	9.5	—	—	—	—
G20995-0208	8GS1F-2	7347-02955	1/2	12.7	—	—	—	—
G20995-0210	10GS1F-2	7347-02965	5/8	15.8	—	—	—	—
G20995-0212	12GS1F-2	7347-02975	3/4	19.1	1.73	44.0	1.57	39.9
G20995-0216	16GS1F-2	7347-02985	1	25.4	2.06	52.2	1.94	49.3

GS Ferrule for 4-Spiral Hose

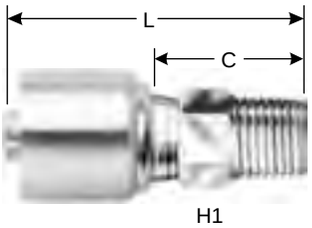
Part No.	Descr.	Prod. No.	⊖		L		⊙	
			"	mm	"	mm	"	mm
STANDARD PACK								
G20995-0406	6GS1F-4	7347-03105	3/8	9.5	1.43	36.3	1.25	31.8
G20995-0408	8GS1F-4	7347-03115	1/2	12.7	1.44	36.6	1.35	34.4
G20995-0410	10GS1F-4	7347-03125	5/8	15.8	1.88	47.8	1.64	41.7
G20995-0412	12GS1F-4	7347-03135	3/4	19.1	2.00	50.8	1.80	45.7
G20995-0416	16GS1F-4	7347-03145	1	25.4	2.22	56.4	2.07	52.6
G20995-0420	20GS1F-4	7347-03155	1 1/4	31.7	2.67	67.8	2.42	61.5

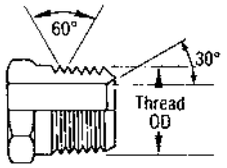
GS Ferrule for 6-Spiral Hose

Part No.	Descr.	Prod. No.	⊖		L		⊙	
			"	mm	"	mm	"	mm
STANDARD PACK								
G20995-0620	20GS1F-6	7347-02905	1 1/4	31.7	2.87	72.9	2.67	67.8

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

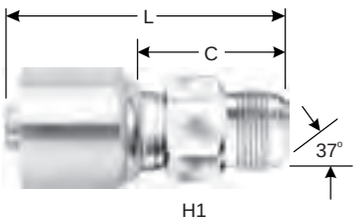
1¼" Special One-Piece Couplings - Male Pipe (NPTF - 30° Cone Seat)

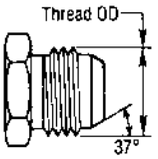




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G21100-2020	20MGS-20MP	7347-86005	1 1/4	31.7	1 1/4-11 1/2	1 3/4	—	5.00	127.0	2.20	55.9

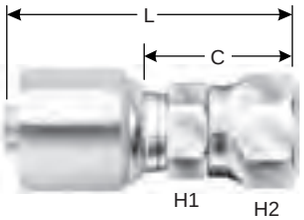
1¼" Special One-Piece Couplings - Male JIC 37° Flare

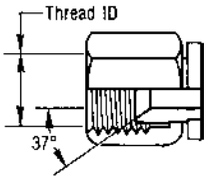




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G21165-2020	20MGS-20MJ	7347-86015	1 1/4	31.7	1 5/8-12	1 3/4	—	4.92	125.0	2.12	53.9

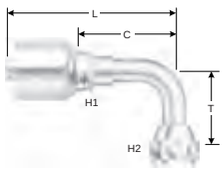
1¼" Special One-Piece Couplings - Female JIC 37° Flare Swivel

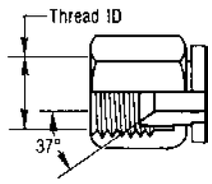




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G21170-2020	20MGS-20FJX	7347-86025	1 1/4	31.7	1 5/8-12	1 7/8	2	5.35	136.0	2.56	64.9

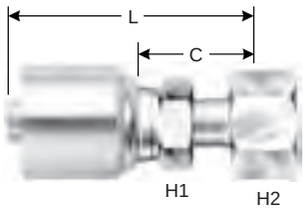
1¼" Special One-Piece Couplings - Female JIC 37° Flare Swivel - 90° Bent Tube





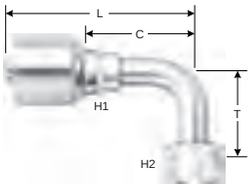
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G21180-2020	20MGS-20FJX90M-078	7347-86035	1 1/4	31.7	1 5/8-12	1 7/8	2	3.07	78.0	6.85	174.0	4.05	102.9

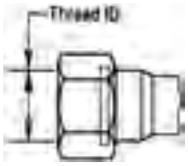
1¼" Special One-Piece Couplings - Female Flat-Face O-Ring Swivel



Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G21230-2020	20MGS-20FFORX	7347-86045	1 1/4	31.7	1 11/16-12	50.0	50.0	5.04	128.0	2.24	56.9

1¼" Special One-Piece Couplings - Female Flat-Face O-Ring Swivel - 90° Bent Tube



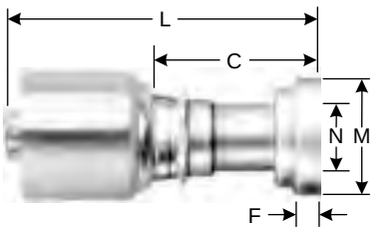


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G21240-2020	20MGS-20FFORX90M	7347-86055	1 1/4	31.7	1 11/16-12	50.0	50.0	3.07	78.0	6.77	172.0	3.97	100.9

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

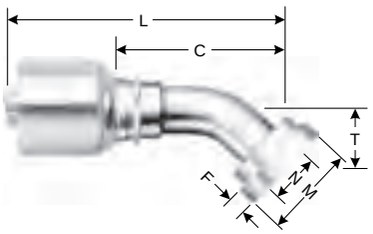
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

1¼" Special One-Piece Couplings - Code 61 O-Ring Flange



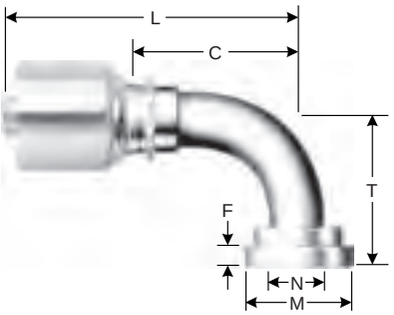
Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G21300-2020	20MGS-20FL	7347-86065	1 1/4	31.7	1 1/4	2.00	50.8	5.75	146.0	2.95	74.9	.32	8.0

1¼" Special One-Piece Couplings - Code 61 O-Ring Flange - 45° Bent Tube



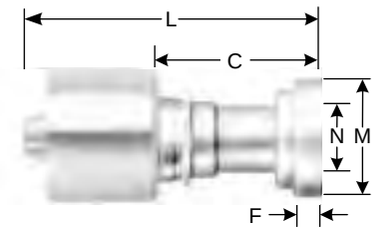
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G21307-2020	20MGS-20FL45S-032	7347-86075	1 1/4	31.7	1 1/4	2.00	50.8	1.26	32.0	6.69	170.0	3.89	98.9	.32	8.0

1¼" Special One-Piece Couplings - Code 61 O-Ring Flange - 90° Bent Tube



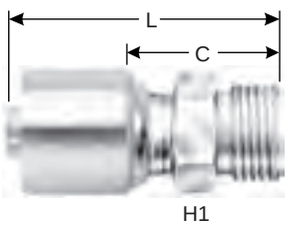
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G21315-2020	20MGS-20FL90M-090	7347-86085	1 1/4	31.7	1 1/4	2.00	50.8	3.54	90.0	6.54	166.0	3.74	94.9	.32	8.0

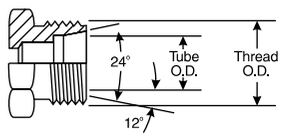
1¼" Special One-Piece Couplings - Code 62 O-Ring Flange



Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G21350-2020	20MGS-20FLH	7347-86135	1 1/4	31.7	1 1/4	2.13	54.1	5.75	146.0	2.95	74.9	.41	10.3

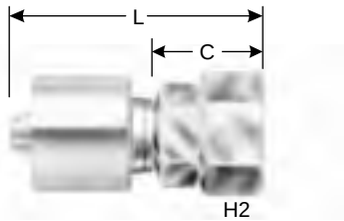
1¼" Special One-Piece Couplings - Male DIN 24° Cone - Heavy Series

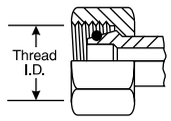




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G21715-2038	20MGS-38MDH	7347-86115	1 1/4	31.7	M52X2.0	55.0	—	4.84	123.0	2.04	51.9

1¼" Special One-Piece Couplings - Female DIN 24° Cone Swivel - Heavy Series with O-Ring



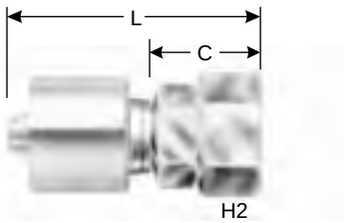


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G21720-2038	20MGS-38FDHORX	7347-86095	1 1/4	31.7	M52X2.0	—	60.0	5.71	145.0	2.91	73.9

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

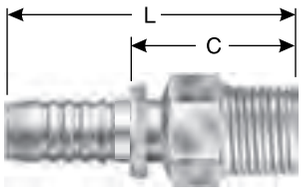
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

1¼" Special One-Piece Couplings - Female British Standard Pipe Parallel O-Ring Swivel

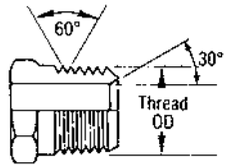


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G21830-2020	20MGS-20FBSPORX	7347-86105	1 1/4	31.7	1 1/4-11	—	50.0	4.59	116.5	1.79	45.4

Male Pipe (NPTF - 30° Cone Seat)

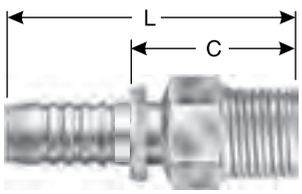


H1

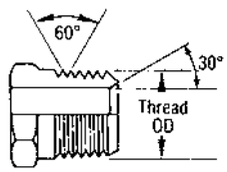


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G22100-2424	24GSP-24MP	7347-20725	1 1/2	38.1	1 1/2-11 1/2	2.00	—	5.24	133.0	2.34	59.4
G22100-3232	32GSP-32MP	7347-20795	2	50.8	2-11 1/2	2.50	—	6.05	153.7	2.43	61.7

Male Pipe (NPTF - 30° Cone Seat) - API Threads

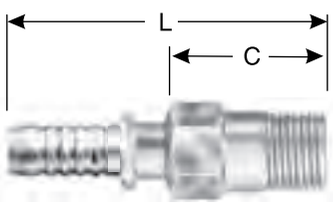


H1

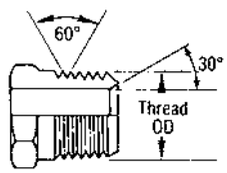


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G22102-2424	24GSP-24MPAPI	7347-85665	1 1/2	38.1	1 1/2-11 1/2	2	—	5.45	138.4	2.65	67.3
G22102-3232	32GSP-32MPAPI	7347-85415	2	50.8	2-11 1/2	2.50	—	7.90	200.6	4.28	108.6

Male Pipe (NPTF - 30° Cone Seat) - Long Hex



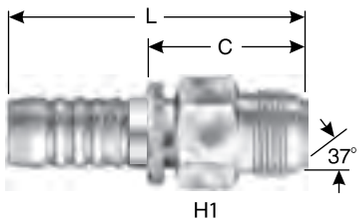
H1

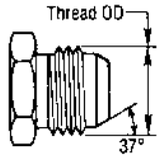


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G22103-2424	24GSP-24MPLHX	7347-20745	1 1/2	38.1	1 1/2-11 1/2	—	—	6.29	159.77	3.40	86.36

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

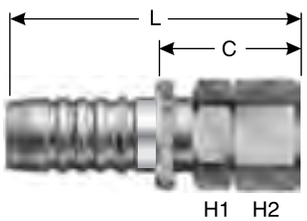
Male JIC 37° Flare

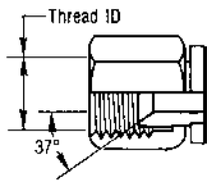




Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G22165-2420	24GSP-20MJ	7347-81455	1 1/2	38.1	1 5/8-12	1.97	—	5.00	127.0	2.10	53.7
G22165-2424	24GSP-24MJ	7347-81465	1 1/2	38.1	1 7/8-12	1.97	—	5.12	130.0	2.22	56.4
G22165-3232	32GSP-32MJ	7347-81535	2	50.8	2 1/2-12	2.56	—	6.34	161.1	2.72	69.1

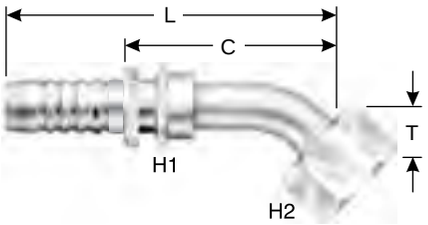
Female JIC 37° Flare Swivel

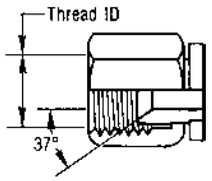




Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G22170-2424	24GSP-24FJX	7347-82455	1 1/2	38.1	1 7/8-12	1.97	2.36	5.64	143.4	2.74	69.7
G22170-2432	24GSP-32FJX	7347-82465	1 1/2	38.1	2 1/2-12	2.56	2.98	6.88	172.6	3.17	80.6
G22170-3232	32GSP-32FJX	7347-82525	2	50.8	2 1/2-12	2.56	2.95	6.80	172.6	3.17	80.6

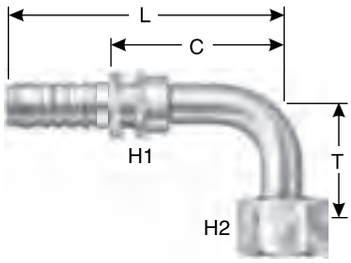
Female JIC 37° Flare Swivel - 45° Medium Bent Tube

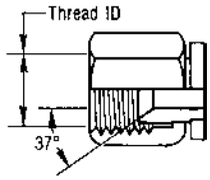




Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	T "	T mm	L "	L mm	C "	C mm
STANDARD PACK													
G22175-2424	24GSP-24FJX45-050	7347-83735	1 1/2	38.1	1 7/8-12	2.16	2.36	1.97	50.0	9.17	233.0	6.28	159.5

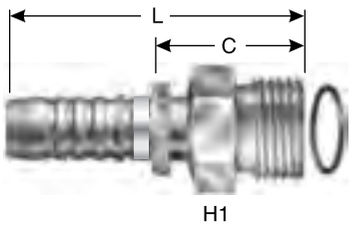
Female JIC 37° Flare Swivel - 90° Medium Bent Tube

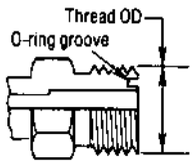




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G22180-2424	24GSP-24FJX90-089	7347-84745	1 1/2	38.1	1 7/8-12	2.16	2.36	3.50	89.0	8.35	212.0	5.45	138.4

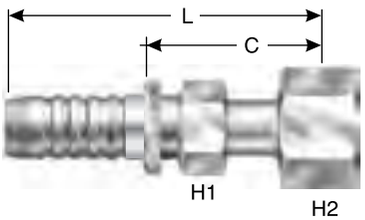
Male Flat-Face O-Ring

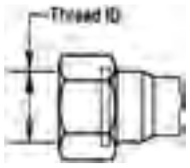




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G22225-2424	24GSP-24MFFOR	7347-23905	1 1/2	38.1	2-12	55.0	—	5.12	130.0	2.22	56.4

Female Flat-Face O-Ring Swivel



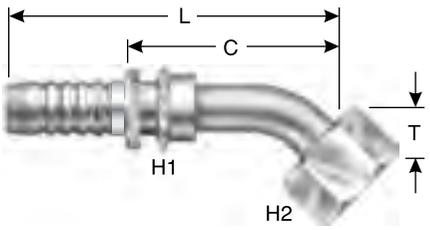


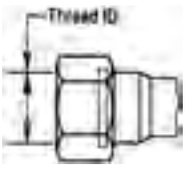
Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G22230-2424	24GSP-24FFORX	7347-30725	1 1/2	38.1	2-12	55.0	2.0	5.17	131.3	2.37	60.2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

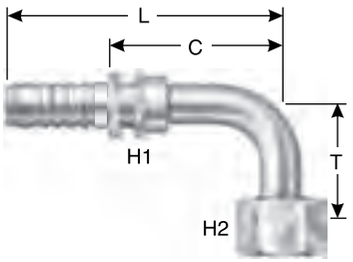
Female Flat-Face O-Ring Swivel - 45° Short Bent Tube

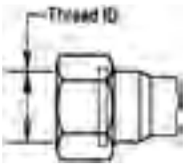




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G22235-2424	24GSP-24FFORX45-036	7347-31725	1 1/2	38.1	2-12	55.0	2.0	2.70	68.6	7.61	193.3	4.81	122.2

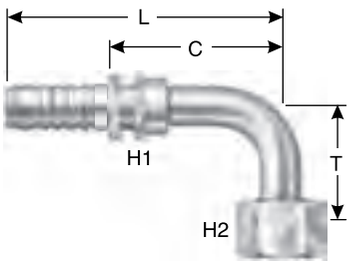
Female Flat-Face O-Ring Swivel - 90° Medium Bent Tube

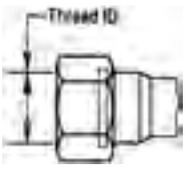




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G22240-2424	24GSP-24FFORX90M	7347-33725	1 1/2	38.1	2-12	55.0	2.0	3.41	96.6	7.61	193.3	4.81	122.2

Female Flat-Face O-Ring Swivel - 90° Long Bent Tube

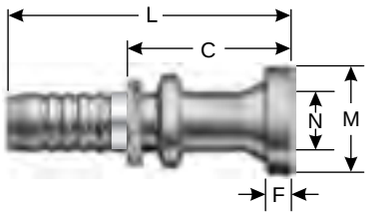




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G22241-2424	24GSP-24FFORX90L	7347-34725	1 1/2	38.1	2-12	55.0	2.0	5.54	140.7	7.61	193.3	4.81	122.2

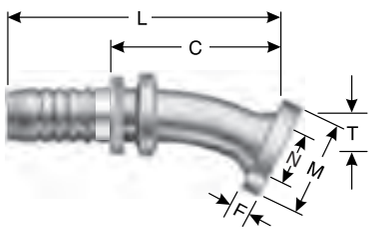
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 61 O-Ring Flange



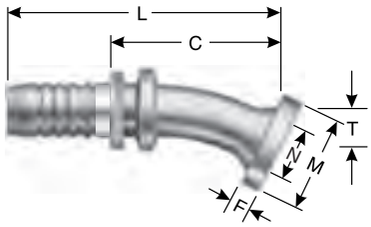
Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G22300-2420	24GSP-20FL	7347-41715	1 1/2	38.1	1.25	2.00	50.8	5.74	145.8	2.85	72.4	.32	8.0
G22300-2424	24GSP-24FL	7347-41725	1 1/2	38.1	1 1/2	2.38	60.3	6.02	152.9	3.12	79.3	.32	8.0
G22300-2432	24GSP-32FL	7347-41735	1 1/2	38.1	2	2.81	71.4	5.79	147.1	2.99	75.9	.38	9.5
G22300-3224	32GSP-24FL	7347-41785	2	50.8	1 1/2	2.38	60.5	6.53	166.0	2.49	75.9	.32	8.0
G22300-3232	32GSP-32FL	7347-41795	2	50.8	2	2.81	71.4	6.27	159.3	2.65	67.3	.38	9.5
G22300-3240	32GSP-40FL	7347-41805	2	50.8	2 1/2	3.31	84.1	8.52	216.4	2.99	75.9	.38	9.5

Code 61 O-Ring Flange - 22½° Bent Tube



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G22302-2424	24GSP-24FL22M	7347-42725	1 1/2	38.1	1 1/2	2.38	60.5	.71	18.0	—	211.0	—	137.5	.32	8.0
G22302-2432	24GSP-32FL22M	7347-42735	1 1/2	38.1	2	2.81	71.4	.87	22.0	—	214.0	—	140.2	.38	9.5
G22302-3232	32GSP-32FL22M	7347-42795	2	50.8	2	2.81	71.4	.97	22.0	—	214.0	—	140.2	.38	9.5

Code 61 O-Ring Flange - 30° Bent Tube



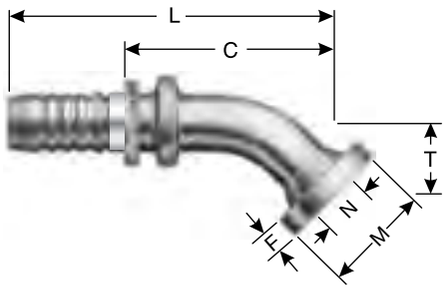
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G22303-2424	24GSP-24FL30S	7347-43725	1 1/2	38.1	1 1/2	2.38	60.5	.18	25.0	8.2	209.0	5.3	135.2	.32	8.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 61 O-Ring Flange - 30° Bent Tube - Cont'd

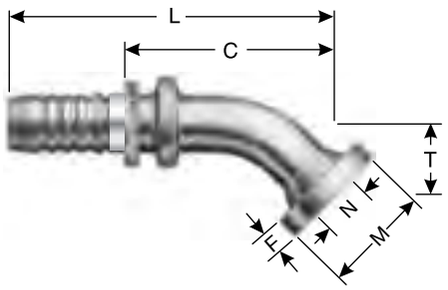
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
G22304-3232	32GSP-32FL30M	7347-43795	2	50.8	2	2.81	71.4	1.25	32.0	10.70	271.8	7.10	180.3	.38	9.5

Code 61 O-Ring Flange - 45° Short Bent Tube



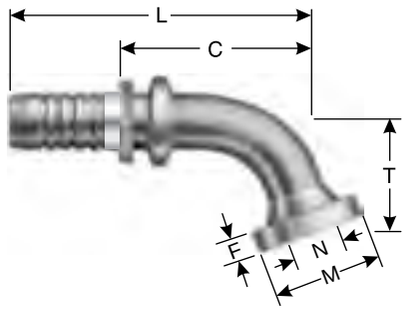
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G22306-2420	24GSP-20FL45S	7347-44715	1 1/2	38.1	1 1/4	2.00	50.8	1.26	32.0	7.09	180.0	4.49	114.5	.32	8.0
G22306-2424	24GSP-24FL45S	7347-44725	1 1/2	38.1	1 1/2	2.38	60.3	1.50	38.0	7.95	202.0	5.05	128.6	.32	8.0
G22306-3224	32GSP-24FL45S	7347-44785	2	50.8	1 1/2	2.38	60.5	1.50	38.0	8.10	206.0	4.48	113.7	.32	8.0

Code 61 O-Ring Flange - 45° Medium Bent Tube



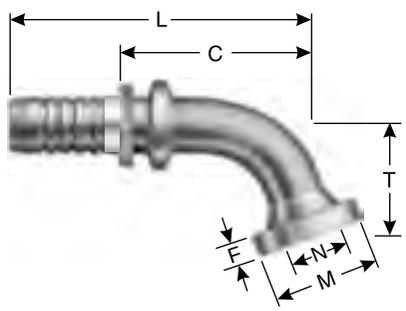
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G22307-3232	32GSP-32FL45-066	7347-44805	2	50.8	2	2.81	71.4	2.60	66.0	10.12	257.0	6.50	165.0	.38	9.5

Code 61 O-Ring Flange - 60° Bent Tube



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G22308-2424	24GSP-24FL60S	7347-45725	1 1/2	38.1	1 1/2	2.38	60.5	2.08	52.8	9.09	230.9	6.20	157.5	.32	8.0
G22309-2432	24GSP-32FL60S	7347-45735	1 1/2	38.1	2	2.81	71.4	2.95	75.0	9.21	233.9	6.30	152.8	.38	9.5
G22309-3232	32GSP-32FL60S	7347-45805	2	50.8	2	2.81	71.4	2.95	75.0	10.7	271.8	7.1	180.3	.38	9.5

Code 61 O-Ring Flange - 67½° Bent Tube

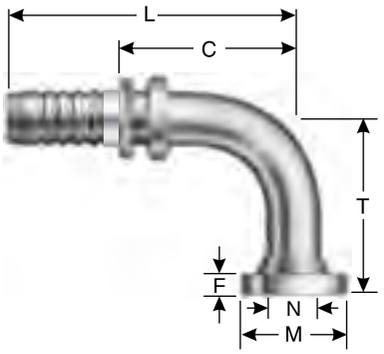


Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G22311-2424	24GSP-24FL67S	7347-46725	1 1/2	38.1	1 1/2	2.38	60.5	2.40	61.0	8.90	223.8	5.90	150.4	.32	8.0
G22311-2432	24GSP-32FL67S	7347-46735	1 1/2	38.1	2	2.81	71.4	3.33	85.0	10.20	234.0	5.90	150.4	.38	9.5
G22311-3232	32GSP-32FL67S	7347-46795	2	50.8	2	2.81	71.4	3.84	95.0	10.20	238.8	6.56	166.6	.38	9.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

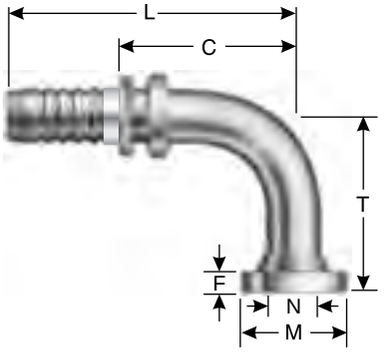
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 61 O-Ring Flange - 90° Short Bent Tube



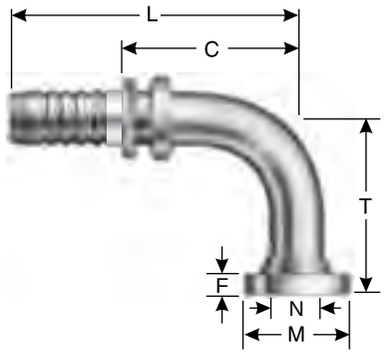
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G22314-2420	24GSP-20FL90S	7347-47715	1 1/2	38.1	1 1/2	2.00	50.8	2.68	68.0	6.81	173.0	3.92	99.6	.32	8.0
G22314-2424	24GSP-24FL90S	7347-47725	1 1/2	38.1	1 1/2	2.38	60.3	3.19	81.0	7.24	184.0	4.33	109.9	.32	8.0
G22314-2432	24GSP-32FL90S	7347-47735	1 1/2	38.1	2	2.81	71.4	4.72	119.9	6.90	175.0	4.01	101.9	.38	9.5
G22314-3232	32GSP-32FL90-114	7347-47805	2	50.8	2	2.81	71.4	4.49	114.0	8.74	222.0	5.12	130.1	.38	9.5

Code 61 O-Ring Flange - 90° Medium Bent Tube



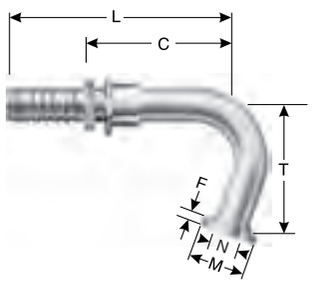
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G22315-2424	23GSP-24FL90M	7347-74725	1 1/2	38.1	1 1/2	2.38	60.5	4.09	104.0	6.89	175.0	4.01	101.9	.32	8.0
G22315-2432	24GSP-32FL90-080	7347-47745	1 1/2	38.1	2	2.81	71.4	3.15	80.0	6.99	175.0	4.01	101.9	.38	9.5
G22315-3232	32GSP-32FL90-165	7347-85425	2	50.8	2	2.81	71.4	6.50	165.0	9.69	246.0	6.06	154.0	.38	9.5
G22315-3240	32GSP-40FL90-110	7347-74805	2	50.8	2 1/2	3.31	84.1	4.38	111.3	8.52	216.4	4.98	126.5	.38	9.5

Code 61 O-Ring Flange - 90° Long Bent Tube



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G22316-2432	24GSP-32FL90-170	7347-85435	1 1/2	38.1	2	2.81	71.4	6.69	170.0	6.88	175.0	3.99	101.4	.38	9.5
G22316-3232	32GSP-32FL90-200	7347-85455	2	50.8	2	2.81	71.4	7.97	200.0	8.74	222.0	5.13	130.3	.38	9.5

Code 61 O-Ring Flange - 110° Bent Tube



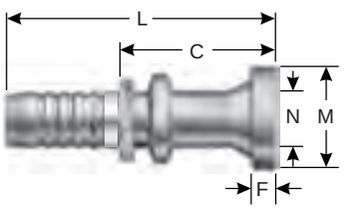
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G22325-3232	32GSP-32FL110-140	7347-85465	2	50.8	2	2.81	71.4	3.51	140.0	9.80	24.9	6.40	156.0	.38	9.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 61 O-Ring Flange - 125° Bent Tube

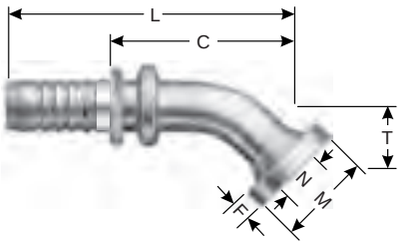
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G22329-3232	32GSP-32FL125-150	7347-85475	2	50.8	2	2.81	71.4	3.90	150.0	8.30	21.1	4.70	120.0	.38	9.5

Code 62 O-Ring Flange Heavy



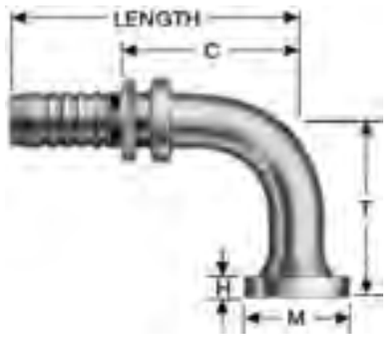
Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G22350-2424	24GSP-24FLH	7347-48725	1 1/2	38.1	1 1/2	2.50	63.5	6.57	167.0	3.68	93.4	.50	12.6
G22350-2432	24GSP-32FLH	7347-48735	1 1/2	38.1	2	3.13	79.4	6.57	167.0	3.68	93.4	.50	12.6
G22350-3232	32GSP-32FLH	7347-48795	2	50.8	2	3.13	79.4	7.09	180.0	3.46	88.0	.50	12.6

Code 62 O-Ring Flange Heavy - 45° Bent Tube



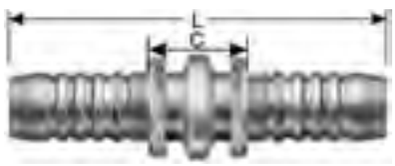
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G22357-2424	24GSP-24FLH45M	7347-51725	1 1/2	38.1	1 1/2	2.50	63.5	1.73	44.0	7.56	192.0	4.65	118.0	.50	12.6
G22357-2432	24GSP-32FLH45S	7347-51735	1 1/2	38.1	2	3.13	79.4	—	52.0	—	200.0	—	126.3	.50	12.6
G22357-3232	32GSP-32FLH45-066	7347-51805	2	50.8	2	3.13	79.4	2.60	66.0	10.67	271.0	7.06	179.2	.50	12.6

Code 62 O-Ring Flange Heavy - 90° Medium Bent Tube



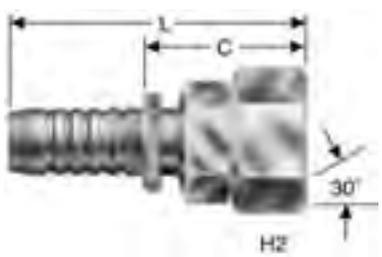
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G22365-2424	24GSP-24FLH90-094	7347-79105	1 1/2	38.1	1 1/2	2.50	63.5	3.70	94.0	6.91	175.5	4.01	101.9	.50	12.6
G22365-3232	32GSP-32FLH90M	7347-75795	2	50.8	2	3.13	79.4	5.40	138.0	8.72	221.4	5.09	129.4	.50	12.6

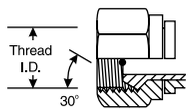
Hose Length Extender



Part No.	Descr.	Prod. No.	⊖		L		C	
			"	mm	"	mm	"	mm
STANDARD PACK								
G22535-2424	24GSP-24HLE	7347-85445	1 1/2	38.1	7.33	186.2	1.53	38.9
G22535-3232	32GSP-32HLE	7347-79335	2	50.8	8.76	222.5	1.70	43.2

Female British Standard Parallel Pipe O-Ring Swivel



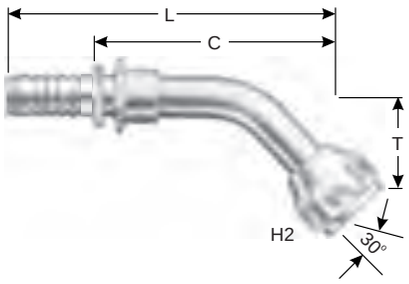


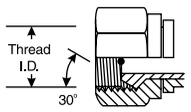
Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G22830-2424	24GSP-24FBSPORX	7347-95025	1 1/2	38.1	1 1/2-11	50.0	60.0	4.92	125.0	2.01	51.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

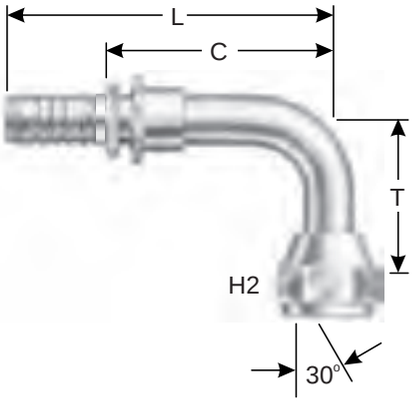
Female British Standard Parallel Pipe O-Ring Swivel - 45° Bent Tube

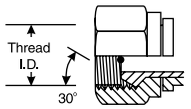




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G22831-2424	24GSP-24FBSPORX45	7347-95035	1 1/2	38.1	1 1/2-11	50.0	60.0	1.96	49.8	8.44	214.4	5.54	140.7
G22831-3232	32GSP-32FBSPORX45	7347-95115	1 1/2	38.1	2-11	64.0	75.0	2.45	62.2	10.87	276.1	7.24	183.9

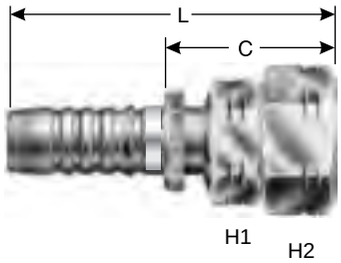
Female British Standard Parallel Pipe O-Ring Swivel - 90° Bent Tube

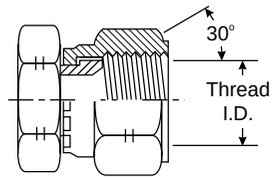




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G22832-2424	24GSP-24FBSPORX90	7347-95045	1 1/2	38.1	1 1/2-11	50.0	60.0	3.93	99.8	7.66	194.6	4.75	120.7
G22832-3232	32GSP-32FBSPORX90	7347-95125	2	50.8	2-11	64.0	75.0	5.08	129.0	10.02	254.5	6.40	162.6

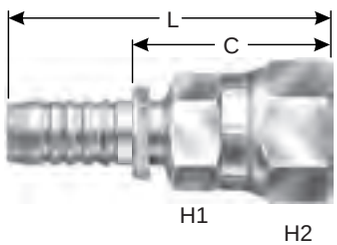
Female Komatsu Style Japanese Metric Swivel

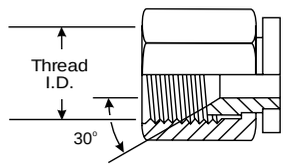




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G22910-2424	24GSP-24FKX	7347-35725	1 1/2	38.1	M42X1.5	49.8	59.9	5.81	147.6	2.92	74.2

Female Japanese Industrial Standard 30° Flare Swivel





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G22930-2424	24GSP-24FJISX	7347-79345	1 1/2	38.1	1 1/2-11	54.9	54.9	5.61	142.5	2.72	69.1

GSP Ferrule for Wire Braid Hose

Part No.	Descr.	Prod. No.	⊖		L			
			"	mm	"	mm	"	mm
STANDARD PACK								
G22995-0224	24GSP1F-2	7347-03165	1 1/2	38.1	2.98	75.8	2.76	70.0
G22995-0232	32GSP1F-2	7347-03185	2	50.8	3.54	90.0	3.29	83.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
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SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

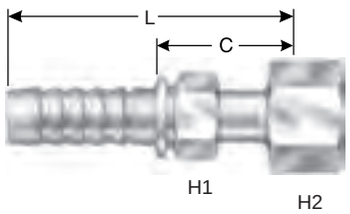
GSP Ferrule for 4-Spiral EF Hose

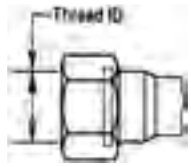
Part No.	Descr.	Prod. No.	⊖		L		⊙	
			"	mm	"	mm	"	mm
STANDARD PACK								
G22995-0424	24GSP1F-4	7347-03175	1 1/2	38.1	3.01	76.5	2.83	72.0
G22995-0432	32GSP1F-4	7347-03195	2	50.8	3.58	91.0	3.35	85.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Flat-Face Swivel

SAE J1453 O-Ring Face Seal.

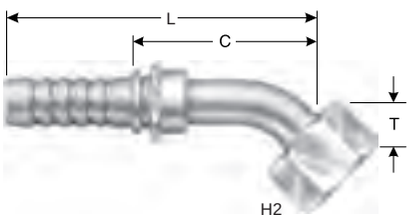


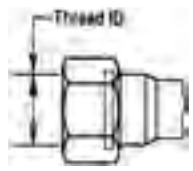


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
81034	24PCS-24FFORX	7342-01405	1 1/2	38.1	2-12	2	2 1/4	5.17	131.3	2.37	60.2

Female Flat-Face Swivel - 45° Bent Tube

SAE J1453 O-Ring Face Seal.

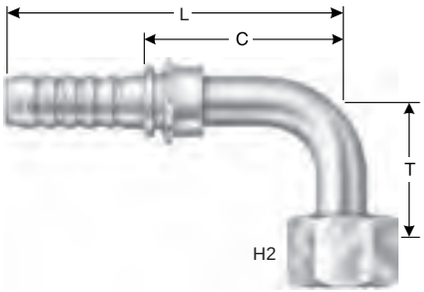


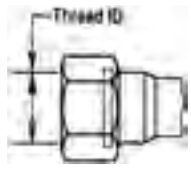


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
81056	24PCS-24FFORX45	7342-01415	1 1/2	38.1	2-12	—	2 1/4	1.07	27.2	7.54	191.5	4.74	120.4

Female Flat-Face Swivel - 90° Bent Tube

SAE J1453 O-Ring Face Seal.



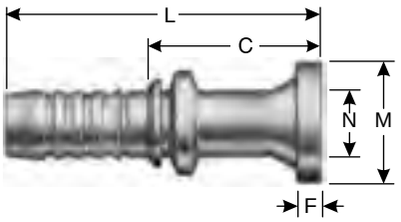


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
81066	24PCS-24FFORX90S	7342-01425	1 1/2	38.1	2-12	—	2 1/4	2.70	68.6	7.61	193.3	4.81	122.2
81074	24PCS-24FFORX90M	7342-01435	1 1/2	38.1	2-12	—	2 1/4	3.41	86.6	7.61	193.3	4.81	122.2
81084	24PCS-24FFORX90L	7342-01445	1 1/2	38.1	2-12	—	2 1/4	5.54	140.7	7.61	193.3	4.81	122.2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

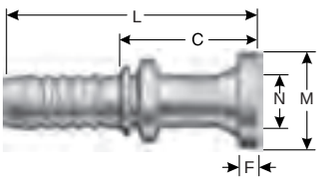
Code 61 O-Ring Flange

Maximum working pressure 3,000 PSI.



Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
81441	24PCS-20FL	7342-05095	1 1/2	38.1	1 1/4	2.00	50.8	5.72	145.3	2.92	74.2	.32	8.0

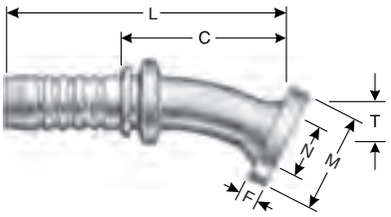
Code 61 Flange Without O-Ring Groove



Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
81263	24PCS-24FLFF	7342-05375	1 1/2	38.1	1 1/2	2.38	60.5	5.79	147.1	2.99	75.9	.32	8.0

Code 61 O-Ring Flange - 22½° Bent Tube

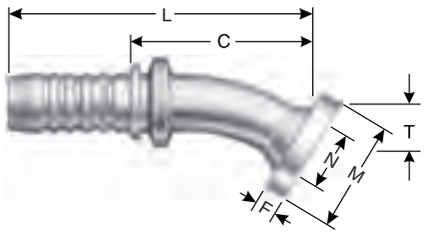
Maximum working pressure 3,000 PSI.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
81475	32PCS-32FL22	7342-05325	2	50.8	2	2.81	71.4	.88	22.4	8.00	203.2	4.46	113.3	.38	9.7

Code 61 O-Ring Flange - 30° Bent Tube

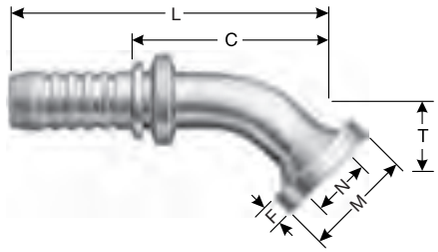
Maximum working pressure 3,000 PSI.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
81318	24PCS-32FL30	7342-05605	1 1/2	38.1	2	2.81	71.4	.88	22.4	6.50	165.1	3.70	94.0	.38	9.5
81485	32PCS-32FL30	7342-05575	2	50.8	2	2.81	71.4	1.25	31.8	8.23	209.0	4.68	118.9	.38	9.5

Code 61 O-Ring Flange - 45° Bent Tube

Maximum working pressure 3,000 PSI.



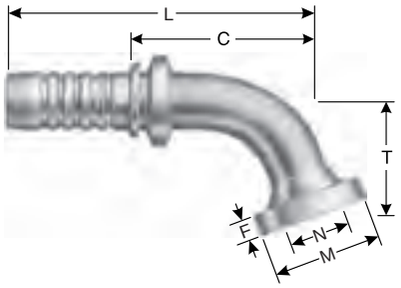
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
81496	24PCS-32FL45	7342-05825	1 1/2	38.1	2	2.81	71.4	1.44	36.6	7.03	178.6	4.23	107.4	.38	9.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 61 O-Ring Flange - 60° Bent Tube

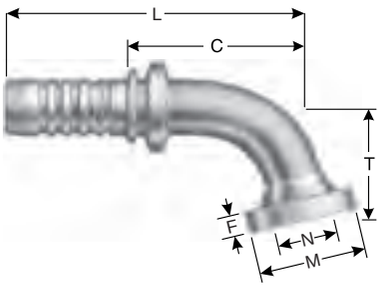
Maximum working pressure 3,000 PSI.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
81508	24PCS-24FL60	7342-10955	1 1/2	38.1	1 1/2	2.38	60.5	2.00	50.8	6.73	170.9	3.93	153.2	.32	8.0

Code 61 O-Ring Flange - 67½° Bent Tube

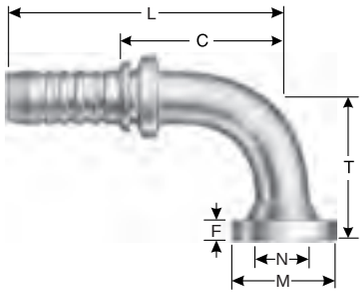
Maximum working pressure 3,000 PSI.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
81520	24PCS-24FL67	7342-10965	1 1/2	38.1	1 1/2	2.38	60.5	2.00	50.8	6.69	169.9	3.89	98.8	.32	8.0
81522	32PCS-32FL67	7342-06335	2	50.8	2	2.81	71.4	3.25	82.6	9.00	228.6	5.46	138.7	.38	9.5
81523	24PCS-16FL67	7342-06345	1 1/2	38.1	1	1.75	44.5	1.75	44.5	5.93	150.6	3.13	79.5	.32	8.0

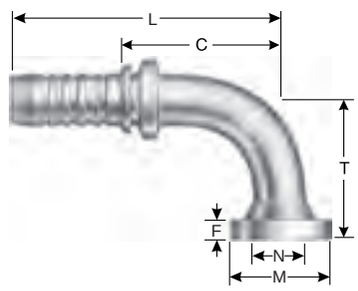
Code 61 O-Ring Flange - 90° Bent Tube

Maximum working pressure 3,000 PSI.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
81284	24PCS-24FL90M	7342-07325	1 1/2	38.1	1 1/2	2.38	60.5	4.00	101.6	6.69	169.9	3.89	98.8	.32	8.0
81327	24PCS-24FL90L	7342-06385	1 1/2	38.1	1 1/2	2.38	60.5	5.81	147.6	6.67	169.4	3.88	98.6	.32	8.0
81328	24PCS-32FL90M	7342-07265	1 1/2	38.1	2	2.81	71.4	4.50	114.3	6.67	169.4	3.87	98.3	.38	9.5
81338	32PCS-32FL90L	7342-07275	2	50.8	2	2.81	71.4	8.00	203.2	8.52	216.4	4.98	126.5	.38	9.5
83034	32PCS-40FL90	7342-06615	2	50.8	2 1/2	3.31	84.1	4.38	111.3	8.52	216.4	4.98	126.5	.38	9.5

Code 62 O-Ring Flange Heavy - 90° Bent Tube

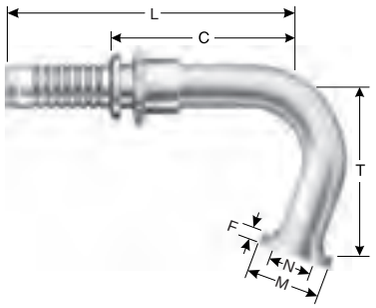


Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
81594	24PCS-32FLH90	7342-10375	1 1/2	38.1	2	3.13	79.5	4.00	101.6	6.67	169.4	3.88	98.6	.50	12.6

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 61 O-Ring Flange - 110° Bent Tube

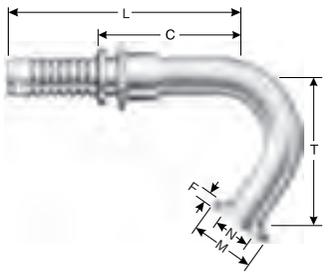
Maximum working pressure 3,000 PSI.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
81549	32PCS-32FL110	7342-06995	2	50.8	2	2.81	71.4	5.53	140.5	9.81	247.2	6.27	159.3	.38	9.5

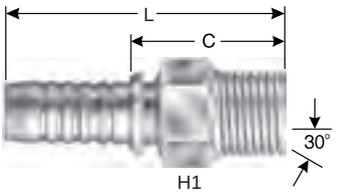
Code 61 O-Ring Flange - 125° Bent Tube

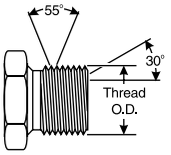
Maximum working pressure 3,000 PSI.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
81340	32PCS-32FL125	7342-07295	2	50.8	2	2.81	71.4	5.82	147.8	8.15	207.0	4.61	117.1	.38	9.5

Male British Standard Pipe Parallel



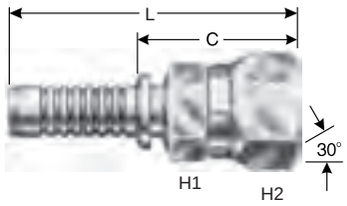


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
81335	24PCS-24MBSPP	7342-03205	1 1/2	38.1	1 1/2-11	2 1/8	—	4.74	120.4	1.94	49.3
81336	32PCS-32MBSPP	7342-03215	2	50.8	2-11	2 3/4	—	5.80	147.3	2.25	57.1

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

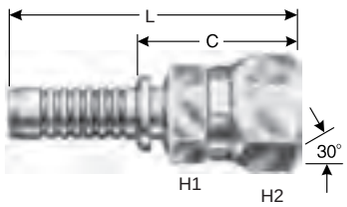
Female British Standard Pipe Parallel Swivel

Does not include optional O-Ring groove and O-Ring in sealing face.



Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
81117	24PCS-24FBSPPX	7342-02865	1 1/2	38.1	1 1/2-11	2	2 1/4	5.40	137.2	2.60	66.0

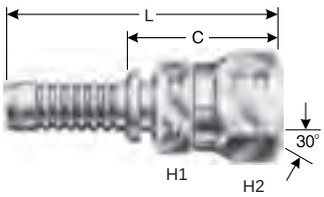
International Thread - Japanese Industrial Std Female Swivel

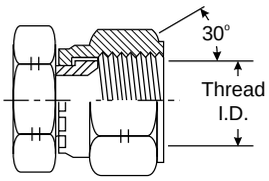


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
80967	24PCS-24FJISX	7342-03385	1 1/2	38.1	1 1/2-11	50.8	60.45	5.39	136.9	2.59	65.8
80968	32PCS-32FJISX	7342-03395	2	50.8	2-11	63.5	76.2	6.46	164.1	2.91	73.9

Komatsu Style Female Japanese Metric Swivel

These female swivels have been marked with two small notches on the hex to identify them as the Komatsu style.





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
80210	24PCS-24FKX	7342-01825	1 1/2	38.1	M42X1.5	2	2 3/8	5.63	143.0	2.83	71.9

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

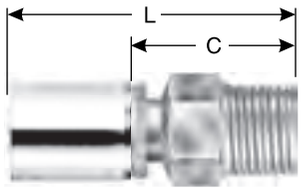
PCS Non-Skive Ferrule

Part No.	Descr.	Prod. No.	⊖	L		⌀	
			"	"	mm	"	mm
STANDARD PACK							
81282	32PCS1F-G3K	7342-07775	2	3.43	87.1	3.34	84.8
81390	6PCS1F	7342-07705	3/8	1.10	27.9	1.23	31.2
81391	8PCS1F	7342-07715	1/2	1.50	38.1	1.36	34.5
81392	12PCS1F	7342-07725	3/4	1.97	50.0	1.65	41.9
81393	16PCS1F-M3K	7342-07735	1	2.19	55.6	1.98	50.3
81394	20PCS1F-M3K	7342-07745	1 1/4	2.77	70.4	2.43	61.7
81395	24PCS1F	7342-07755	1 1/2	3.50	88.9	2.77	70.4

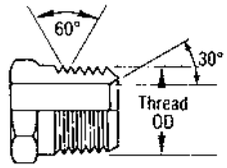
PCS Skive Ferrule

Part No.	Descr.	Prod. No.	⊖	L		⌀	
			"	"	mm	"	mm
STANDARD PACK							
80757	24PCS-2F	7342-07575	1 1/2	2.77	70.4	2.54	64.5
80758	32PCS-2F	7342-07585	2	3.43	87.1	3.08	78.2
83398	6PCS-2F	7342-02585	3/8	1.10	27.9	1.01	25.7
83399	8PCS-2F	7342-02595	1/2	1.50	38.1	1.21	30.7

Male Pipe (NPTF - 30° Cone Seat)

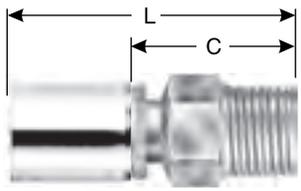


H1



Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G24100-2424	24GSH-24MP	7341-02585	2	50.8	1 1/2-11	2.00	—	6.51	165.3	2.77	70.3
G24100-3232	32GSH-32MP	7341-06455	2	50.8	2-11 1/2	2.75	—	7.54	191.6	3.05	77.5

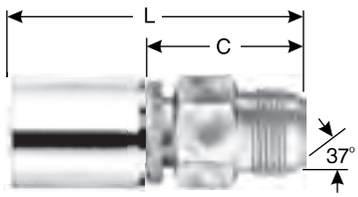
Male Pipe for API Unions



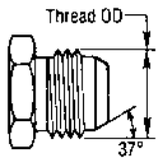
H1

Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G24102-2424	24GSH-24MPAPI	7341-02735	1 1/2	38.1	1 1/2-11	2	—	5.76	146.3	2.23	56.6
G24102-3232	32GSH-32MPAPI	7341-06475	2	50.8	2-11 1/2	2.75	—	9.39	238.4	4.90	124.4

Male JIC 37° Flare



H1

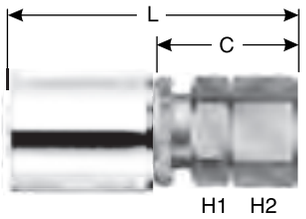


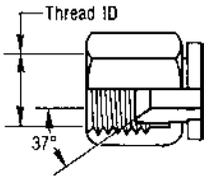
Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G24165-2424	24GSH-24MJ	7341-02555	1 1/2	38.1	1 7/8-12	1.97	—	6.39	162.3	2.65	67.3
G24165-3232	32GSH-32MJ	7341-06465	2	50.8	2 1/2-12	2.56	—	7.72	196.2	3.24	82.2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female JIC 37° Flare Swivel





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G24170-2424	24GSH-24FJX	7341-02525	1 1/2	38.1	1 7/8-12	2.17	2.36	6.78	172.3	3.04	77.2
G24170-3232	32GSH-32FJX	7341-06445	2	50.8	2 1/2-12	2.76	2.95	8.07	205.1	3.59	91.1

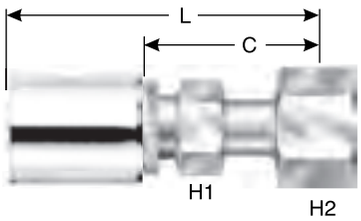
Female JIC 37° Flare Swivel - 45° Bent Tube

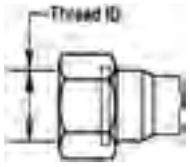
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G24174-2424	24GSH-24FJX45-034	7341-02535	1 1/2	38.1	1 7/8-12	55.00	60.00	1.30	34.0	8.70	220.1	5.20	130.9

Female JIC 37° Flare Swivel - 90° Bent Tube

Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G24180-2424	24GSH-24FJX90M	7341-02545	1 1/2	38.1	1 7/8-12	55.00	60.00	3.40	86.0	9.0	227.5	7.20	182.3

Female Flat-Face Swivel





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G24230-2424	24GSH-24FFORX	7341-02445	1 1/2	38.1	2-12	2.17	2.36	6.47	164.4	2.73	69.4
G24230-3232	32GSH-32FFORX	7341-06505	2	50.8	2-12	55.00	75.00	9.30	236.6	3.10	78.9

Female Flat-Face Swivel - 45° Bent Tube

Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G24234-2424	24GSH4K-24FFORX45-038	7341-02455	1 1/2	38.1	2-12	55.00	60.00	1.50	38.0	3.10	236.6	5.60	141.1

Female Flat-Face Swivel - 90° Bent Tube

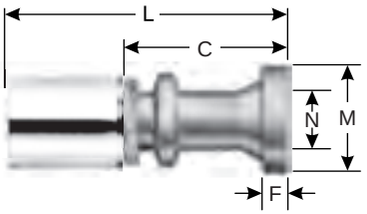
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G24240-2424	24GSH4K-24FFORX90M	7341-02475	1 1/2	38.1	2-12	—	2 1/2	3.41	86.6	8.48	215.4	3.69	93.7

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

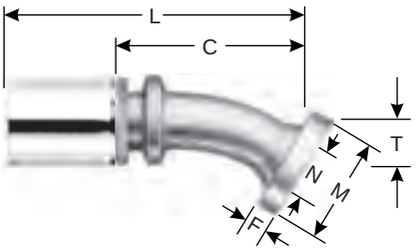
Code 61 O-Ring Flange

Maximum working pressure 3,000 PSI.



Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G24300-2432	24GSH-32FL	7341-01915	1 1/2	38.1	2	2.81	71.4	7.40	188.0	3.66	93.0	.38	9.5
G24300-3232	32GSH-32FL	7341-06335	2	50.8	2	2.81	71.4	9.90	251.4	5.41	137.4	.38	9.5

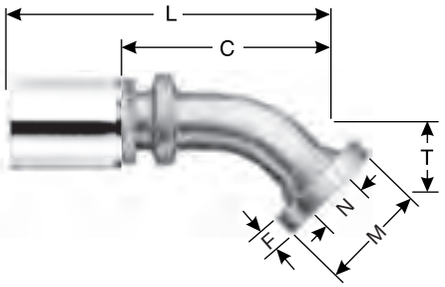
Code 61 O-Ring Flange - 30° Bent Tube



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G24304-2424	24GSH-24FL30M	7341-01925	1 1/2	38.1	1 1/2	2.38	60.5	1.77	45.0	8.52	216.4	5.00	127.0	.32	8.0

Code 61 O-Ring Flange - 45° Bent Tube

Maximum working pressure 3,000 PSI.



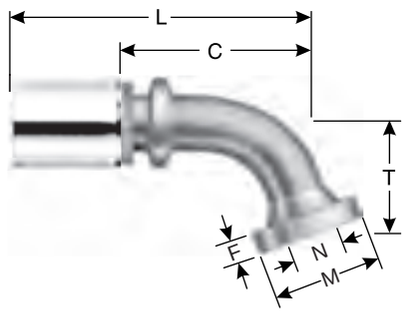
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G24306-2432	24GSH-32FL45S	7341-01955	1 1/2	38.1	2	2.81	71.4	—	52.0	—	232.0	—	136.6	.38	9.5
G24307-2424	24GSH-24FL45M	7341-01945	1 1/2	38.1	1 1/2	2.38	60.3	1.73	44.0	9.05	230.0	5.31	135.0	.31	8.0

Code 61 O-Ring Flange - 45° Bent Tube - Cont'd

Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
G24307-3232	32GSH-32FL45M	7341-06345	2	50.8	2	2.81	71.4	2.20	56.0	11.30	287.0	6.83	173.5	.38	9.5

Code 61 O-Ring Flange - 60° Bent Tube

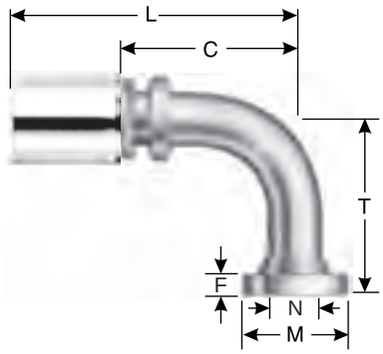
Maximum working pressure 3,000 PSI.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G24309-2424	24GSH-24FL60M	7341-01965	1 1/2	38.1	1 1/2	2.38	60.3	2.52	64.0	9.50	241.2	5.75	146.2	.31	8.0

Code 61 O-Ring Flange - 90° Bent Tube

Maximum working pressure 3,000 PSI.

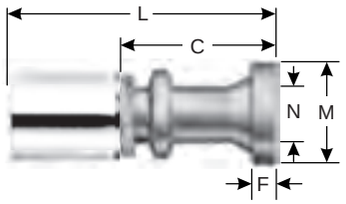


Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G24314-2424	24GSH-24FL90S	7341-01985	1 1/2	38.1	1 1/2	2.38	60.3	3.19	81.0	8.46	214.9	4.72	119.9	.31	8.0
G24314-3232	32GSH-32FL90-130	7341-06355	1	25.4	2	2.81	71.4	5.12	130.0	10.39	264.0	5.94	150.5	.38	9.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

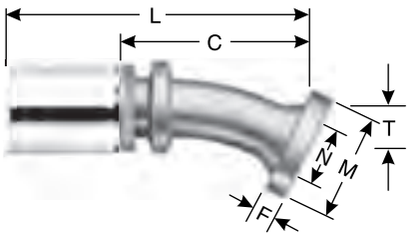
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 62 O-Ring Flange Heavy



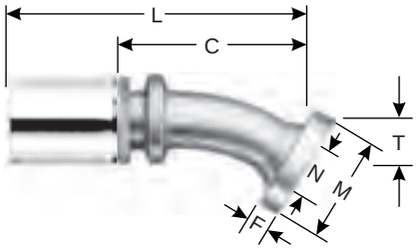
Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G24350-2424	24GSH-24FLH	7341-02255	1 1/2	38.1	1 1/2	2.50	63.5	7.87	200.0	4.13	105.0	.50	12.6
G24350-2432	24GSH-32FLH	7341-02265	1 1/2	38.1	2	3.13	79.5	7.87	200.0	4.13	105.0	.50	12.6
G24350-3232	32GSH-32FLH	7341-15605	2	50.8	2	3.13	79.5	9.90	251.4	5.41	137.4	.50	12.6

Code 62 O-Ring Flange Heavy - 22° Bent Tube



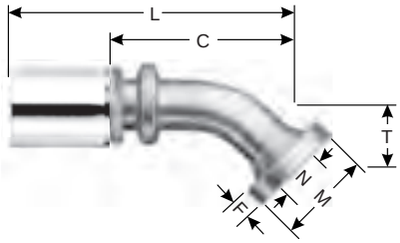
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G24353-2424	24GSH-24FLH20-024	7341-02395	1 1/2	38.1	1 1/2	2.50	63.5	.95	24.0	9.50	242.5	5.80	147.5	.32	8.0

Code 62 O-Ring Flange Heavy - 30° Bent Tube



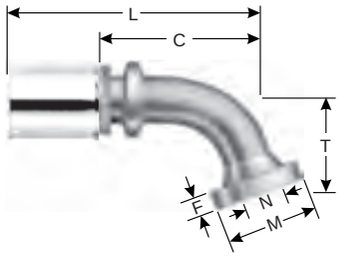
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G24354-2424	24GSH-24FLH30M	7341-02295	1 1/2	38.1	1 1/2	2.50	63.5	3.54	30.0	9.45	240.0	5.70	144.8	.50	12.6
G24354-3232	32GSH32FLH30M	7341-06215	2	50.8	2	3.13	79.5	1.30	32.0	12.20	311.0	7.70	196.8	.50	12.6

Code 62 O-Ring Flange Heavy - 45° Bent Tube



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G24357-2424	24GSH-24FLH45M	7341-02315	1 1/2	38.1	1 1/2	2.50	63.5	1.73	44.0	9.13	232.0	5.39	137.0	.50	12.6
G24357-2432	24GSH-32FLH45M	7341-02325	1 1/2	38.1	2	3.13	79.5	—	56.0	—	241.0	—	146.0	.80	12.6
G24357-3232	32GSH-32FLH45-063	7341-06225	2	50.8	2	3.13	79.5	2.48	63.0	11.67	296.5	7.18	182.5	.50	12.6

Code 62 O-Ring Flange Heavy - 60° Bent Tube



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G24359-2424	24GSH-24FLH60M	7341-02335	1 1/2	38.1	1 1/2	2.50	63.5	2.50	64.0	9.25	253.0	6.23	158.2	.50	12.6
G24359-3232	32GSH-32FLH60M	7341-06235	2	50.8	2	3.13	79.5	2.70	68.0	11.30	287.0	7.20	182.0	.50	12.6

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
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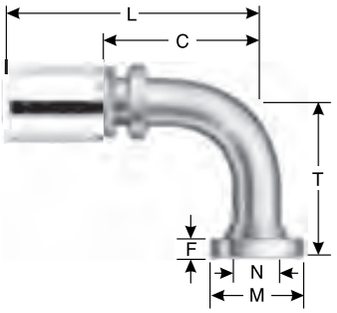
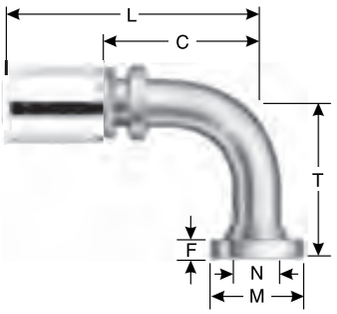
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 62 O-Ring Flange Heavy - 90° Short Bent Tube



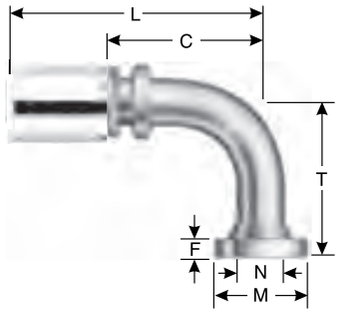
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G24364-3232	32GSH-32FLH90S	7341-06255	2	50.8	2	3.13	79.5	4.70	120.0	10.4	264.0	5.90	150.5	.50	12.6

Code 62 O-Ring Flange Heavy - 90° Medium Bent Tube



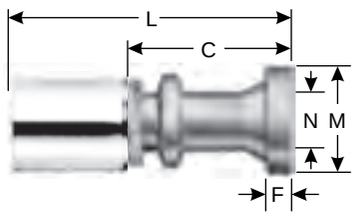
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G24365-2424	24GSH-24FLH90-094	7341-02355	1 1/2	38.1	1 1/2	2.50	63.5	3.70	94.0	8.73	214.0	4.68	118.9	.50	12.6

Code 62 O-Ring Flange Heavy - 90° Bent Tube



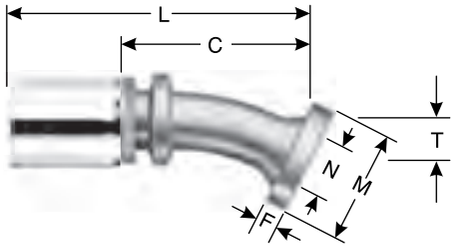
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G24366-2424	24GSH-24FLH90-150	7341-02375	1 1/2	38.1	1 1/2	2.50	63.5	5.90	150.0	9.60	244.0	4.70	118.9	.50	12.6
G24366-3232	32GSH-32FLH90-159	7341-15615	2	50.8	2	3.13	79.5	6.26	159.0	10.41	264.4	5.92	150.4	.50	12.6

Caterpillar Style O-Ring Flange



Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G24400-2424	24GSH-24FLC	7341-02055	1 1/2	38.1	1 1/2	2.50	63.5	7.44	189.0	3.71	94.3	.56	14.2
G24400-2432	24GSH-32FLC	7341-02065	1 1/2	38.1	2	3.13	79.5	7.90	200.0	4.10	105.0	.56	14.2
G24400-3232	32GSH-32FLC	7341-06385	2	50.8	2	3.13	79.4	8.96	227.7	4.48	113.7	.56	14.2
G24401-2424	24GSH-24FLCL	7341-02175	1 1/2	38.1	1 1/2	2.50	63.5	9.37	238.0	5.64	143.2	.56	14.2

Caterpillar Style O-Ring Flange - 22° Bent Tube



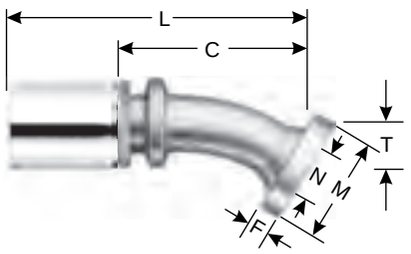
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G24402-2424	24GSH-24FLC22-017	7341-02075	1 1/2	38.1	1 1/2	2.50	63.5	1.67	17.0	9.30	236.0	5.60	141.5	.56	14.2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Caterpillar Style O-Ring Flange - 22° Bent Tube - Cont'd

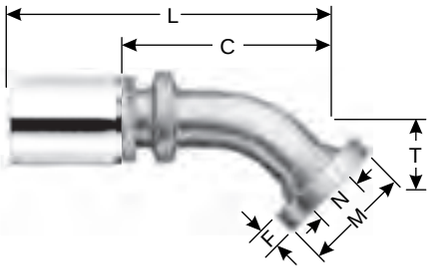
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
G24402-2432	24GSH-32FLC22-022	7341-02085	1 1/2	38.1	2	3.13	79.5	.87	22.0	10.30	261.0	6.50	165.8	.56	14.2

Caterpillar Style O-Ring Flange - 30° Bent Tube



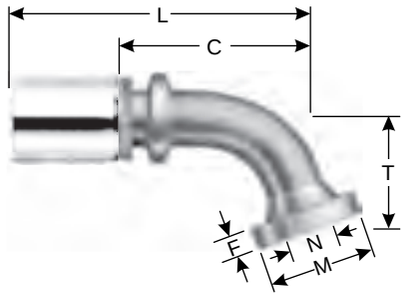
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G24404-2424	24GSH-24FLC30-023	7341-02095	1 1/2	38.1	1 1/2	2.50	63.5	.90	23.0	9.25	235.0	5.49	139.5	.56	14.2
G24404-2432	24GSH-32FLC30-035	7341-02105	1 1/2	38.1	2	3.13	79.5	1.40	35.0	10.10	257.0	6.30	161.6	.56	14.2
G24404-3232	32GSH-32FLC30-035	7341-06425	2	50.8	2	3.13	79.5	1.40	35.0	11.90	301.2	7.40	187.2	.56	14.2

Caterpillar Style O-Ring Flange - 45° Bent Tube



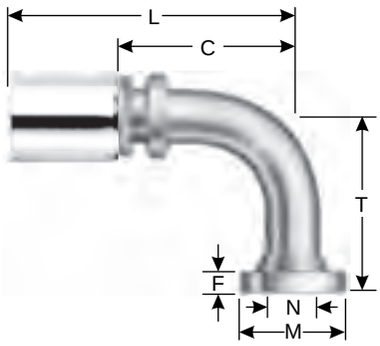
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G24407-2424	24GSH-24FLC45-039	7341-02115	1 1/2	38.1	1 1/2	2.50	63.5	1.54	39.0	8.94	227.0	5.20	132.0	.56	14.2
G24407-2432	24GSH-32FLC45-059	7341-02125	1 1/2	38.1	2	3.13	79.5	2.30	59.0	9.60	244.0	5.70	149.0	.56	14.2
G24407-3232	32GSH-32FLC45-064	7341-06395	2	50.8	2	3.13	79.5	3.25	82.6	11.36	289.5	7.54	191.5	.56	14.2

Caterpillar Style O-Ring Flange - 60° Bent Tube



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G24409-2424	24GSH-24FLC60-055	7341-02135	1 1/2	38.1	1 1/2	2.50	63.5	2.17	55.0	9.91	251.6	6.17	156.6	.56	14.2
G24409-2432	24GSH-32FLC60-087	7341-02145	1 1/2	38.1	2	3.13	79.5	3.40	87.0	11.70	297.0	7.90	201.9	.56	14.2
G24409-3232	32GSH-32FLC60-083	7341-06405	2	50.8	2	3.13	79.4	3.27	83.0	12.67	322.0	8.17	207.5	.56	14.2

Caterpillar Style O-Ring Flange - 90° Bent Tube



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G24415-2424	24GSH-24FLC90-087	7341-02155	1 1/2	38.1	1 1/2	2.50	63.5	3.43	87.0	8.43	214.4	4.70	119.1	.56	14.2
G24415-2432	24GSH-32FLC90-140	7341-02165	1 1/2	38.1	2	3.13	79.5	5.50	140.0	8.90	225.0	5.10	129.9	.56	14.2
G24415-3232	32GSH-32FLC90-130	7341-06415	2	50.8	2	3.13	79.4	5.12	130.0	10.40	264.4	5.92	150.4	.56	14.2

Hose Length Extender for Caterpillar with Clamping Area

Part No.	Descr.	Prod. No.	⊖		L	C
			"		"	"
STANDARD PACK						
G24534-2424	24GSH-24HLEC	7341-02645	1 1/2	1 1/2	10.66	3.18

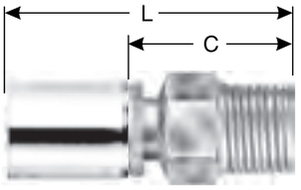
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Hose Length Extender

Part No.	Descr.	Prod. No.	⊖		L		C	
			"	mm	"	mm	"	mm
STANDARD PACK								
G24534-3232	32GSH-32HLE	7341-06485	2	50.8	11.10	282.0	2.10	54.4

Male British Standard Pipe Parallel



Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G24810-2424	24GSH-24MBSPP	7341-07025	1 1/2	38.1	1 1/2-11	2.0	—	6.41	162.8	2.67	67.8

Female British Standard Parallel Pipe O-Ring Swivel

Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G24830-3232	32GSH-32FBSPORX	7341-07005	2	50.8	2-11	—	2.0	7.24	183.9	2.75	69.8

Male Pipe (NPTF - 30° Cone Seat)

Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G18100-0606	6S-6MP-SS	7362-00285	3/8	9.4	3/8-18	.68	—	2.24	56.9	1.22	31.0
G18100-1212	12S-12MP-SS	7362-00335	3/4	19.1	3/4-14	1.06	—	3.54	89.9	1.53	38.9
G18100-1616	16S-16MP-SS	7362-00365	1	25.4	1-11 1/2	1.37	—	4.17	105.9	1.93	49.0
G18100-2020	20S-20MP-SS	7362-00395	1 1/4	31.8	1 1/4-11 1/2	1.81	—	4.94	125.5	2.19	55.6

Female JIC 37° Flare Swivel

Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G18170-0606	6S-6FJX-SS	7362-01245	3/8	9.5	9/16-18	.69	.75	2.23	56.6	1.21	30.7
G18170-0808	8S-8FJSX-SS	7362-01275	1/2	12.7	3/4-16	.88	.88	2.83	71.9	1.36	34.5
G18170-1010	10S-10FJX-SS	7362-01295	5/8	15.8	7/8-14	.94	1.06	3.60	91.4	1.62	41.1
G18170-1212	12S-12FJX-SS	7362-01325	3/4	19.0	1 1/16-12	1.06	1.25	3.91	99.3	1.99	50.5
G18170-1616	16S-16FJX-SS	7362-01385	1	25.4	1 3/16-12	1.38	1.50	4.34	110.2	2.11	53.6

Code 62 O-Ring Flange Heavy

Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G18350-1212	12S-12FLH-SS	7362-04105	3/4	19.1	.75	1.62	41.1	—	—	4.48	113.8	2.48	63.0	.35	8.8
G18350-1616	16S-16FLH-SS	7362-04135	1	25.4	1.00	1.88	47.8	—	—	4.92	125.0	2.68	68.1	.38	9.5
G18350-2020	20S-20FLH-SS	7362-04155	1 1/4	31.8	1.25	2.12	53.9	—	—	5.75	146.1	3.00	76.2	.41	10.3
G18350-2424	24S-24FLH-SS	7362-04165	1 1/2	38.1	1.50	2.12	53.9	—	—	7.14	181.4	3.62	92.0	.41	10.3
G18350-3232	32S-32FLH-SS	7362-04195	2	50.8	2.00	3.12	79.2	—	—	7.24	183.9	3.42	86.9	.50	12.6

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Non-Skive Ferrules

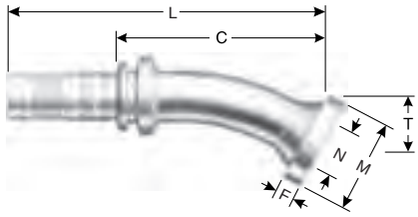
Part No.	Descr.	Prod. No.	⊖		L	
			"	mm	"	mm
STANDARD PACK						
G18995-0210	10S1F-2SS	7362-51755	5/8	15.9	—	—
G18995-0212	12S1F-2SS	7362-51585	3/4	19.1	—	—
G18995-0216	16S1F-2SS	7362-51595	1	25.4	—	—
G18995-0406	6S1F-4SS	7362-51445	3/8	9.7	—	—
G18995-0408	8SIF-4SS	7362-51345	1/2	12.7	—	—
G18995-0410	10S1F-4SS	7362-51485	5/8	15.9	—	—
G18995-0412	12S1F-4SS	7362-51495	3/4	19.1	—	—
G18995-0416	16S1F-4SS	7362-51525	1	25.4	—	—
G18995-0420	20S1F-4SS	7362-51535	1 1/4	31.8	—	—

Skive Ferrules

Part No.	Descr.	Prod. No.	⊖		L	
			"	mm	"	mm
STANDARD PACK						
G18995-0620	20S1F-6SS	7362-51625	1 1/4	31.8	—	—
G18995-0624	24S2F-6SS	7362-51655	1 1/2	38.1	—	—
G18995-0632	32S2F-6SS	7362-51685	2	50.8	—	—

Code 61 O-Ring Flange - 30° Bent Tube

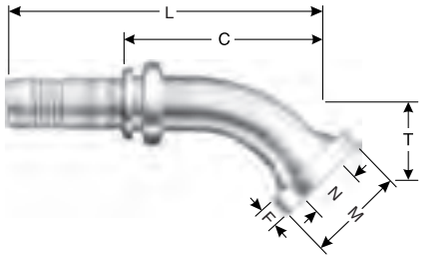
Maximum working pressure 3,000 PSI.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
83409	24PCM-24FL30	7343-00985	1 1/2	38.1	1 1/2	2.38	60.5	1.11	28.2	8.87	225.3	5.34	135.6	.32	8.0

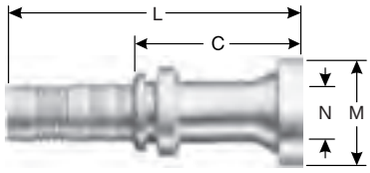
Code 61 O-Ring Flange - 45° Bent Tube

Maximum working pressure 3,000 PSI.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
83468	24PCM-32FL45	7343-01385	1 1/2	38.1	2	2.81	71.4	1.77	45.0	8.52	216.4	5.00	127.0	.38	9.5

Code 62 O-Ring Flange Heavy

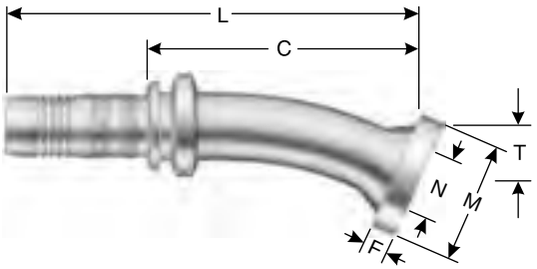


Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
83068	24PCM-20FLH	7343-08305	1 1/2	38.1	1 1/4	2.13	54.1	6.30	160.0	3.50	88.9	.41	10.3

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

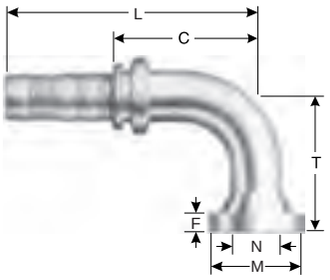
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 62 O-Ring Flange Heavy - 20° Bent Tube



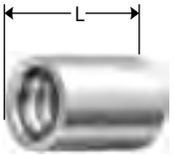
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
83043	24PCM-24FLH20	7343-03035	1 1/2	38.1	1 1/2	2.50	63.5	.96	24.4	10.39	263.9	6.86	174.2	.50	12.6

Code 62 O-Ring Flange Heavy - 90° Bent Tube



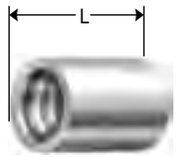
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
83069	24PCM-24FLH90-197	7343-08345	1 1/2	38.1	1 1/2	2.50	63.5	1.75	97.0	7.84	197.1	4.31	109.5	.50	12.6
83424	24PCM-32FLH90M	7343-01165	1 1/2	38.1	2	3.13	79.5	4.00	101.6	7.84	199.1	4.31	109.5	.50	12.6

PCM Skive Ferrules



Part No.	Descr.	Prod. No.	L		O	
			"	mm	"	mm
STANDARD PACK						
83400	16PCM-2F	7343-02525	2.28	57.9	1.70	43.2
83402	24PCM-2F	7343-02545	3.50	88.9	2.44	62.1
83403	32PCM-2F	7343-02575	3.68	93.5	3.45	76.2
83404	12PCM-2F	7343-02515	2.05	52.1	1.74	44.2
83405	20PCM-2F	7343-02565	2.84	72.1	2.15	54.6

PCM-G6 Ferrules



Part No.	Descr.	Prod. No.	L		O	
			"	mm	"	mm
STANDARD PACK						
83150	24PCM-G6K	7343-09805	3.53	89.7	2.77	70.4

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Notes

Global M6K Mega6000™ Hose

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic applications. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
70599	4M6KXREEL	4657-2697	1/4	0.58	6,000	24,000	2.0	440

Global M5K Mega5000™ Hose

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic applications. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85607	4M5KX50FT	4657-4122	1/4	0.54	5,000	20,000	2.0	1
70596	4M5KXREEL	4657-1100	1/4	0.54	5,000	20,000	2.0	440
70449	5M5KXREEL	4657-8006	5/16	0.61	5,000	20,000	2.2	350
85606	6M5K X50FT	4657-4121	3/8	0.69	5,000	20,000	2.5	1
70597	6M5KXREEL	4657-2695	3/8	0.69	5,000	20,000	2.5	330
85608	8M5K X50FT	4657-4123	1/2	0.86	5,000	20,000	3.5	1
70598	8M5KXREEL	4657-2650	1/2	0.86	5,000	20,000	3.5	220

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Global M5K Mega5000™ Hose—MegaTuff® Cover

High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic applications. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
70386	4M5K-MTFXREEL	4657-8011	1/4	0.54	5,000	20,000	2.0	440
70343	5M5K-MTFXREEL	4657-8012	5/16	0.61	5,000	20,000	2.2	350
70340	6M5K-MTFXREEL	4657-8013	3/8	0.69	5,000	20,000	2.5	330
70329	8M5K-MTFXREEL	4657-8014	1/2	0.86	5,000	20,000	3.5	220

Global M5K Mega5000™ Hose—XtraTuff™ Cover

High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic applications. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
70423	4M5K-XTFXREEL	4657-8007	1/4	0.54	5,000	20,000	2.0	440
70428	5M5K-XTFXREEL	4657-8008	5/16	0.61	5,000	20,000	2.2	375
70430	6M5K-XTFXREEL	4657-8009	3/8	0.69	5,000	20,000	2.5	330
70399	8M5K-XTFXREEL	4657-8010	1/2	0.86	5,000	20,000	3.5	220

Global M4K+ Mega4000™ Hose—SAE 100R19

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic applications. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing. The plus symbol indicates development testing at 150% of maximum working pressure up to 600,000 impulse cycles.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). Available with unique abrasion resistant MegaTuff® or XtraTuff™ cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available for 3/4")
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85616	4M4K+ X50FT	4657-1238	1/4	0.54	4,000	16,000	2.0	1
70829	4M4K+ XREEL	4657-1467	1/4	0.54	4,000	16,000	2.0	440
70457	5M4K+ XREEL	4657-8015	5/16	0.61	4,000	16,000	2.3	350
85617	6M4K+ X50FT	4657-4867	3/8	0.69	4,000	16,000	2.5	1
70821	6M4K+ XREEL	4657-1458	3/8	0.69	4,000	16,000	2.5	330
85618	8M4K+X50FT	4657-4868	1/2	0.86	4,000	16,000	3.5	1
70822	8M4K+XREEL	4657-1459	1/2	0.86	4,000	16,000	3.5	220
85619	10M4K+ X50FT	4657-4869	5/8	0.98	4,000	16,000	4.0	1
70823	10M4K+ XREEL	4657-1460	5/8	0.98	4,000	16,000	4.0	220
85620	12M4K+ X50FT	4657-4870	3/4	1.14	4,000	16,000	4.8	1
70824	12M4K+ XREEL	4657-1461	3/4	1.14	4,000	16,000	4.8	220
71064	16M4K+XREEL	4657-4051	1	1.52	4,000	16,000	6.0	165

Global M4K+ Mega4000™ Hose—XtraTuff™ Cover

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
XtraTuff™ hose lasts up to 25 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: High-pressure hydraulic applications. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing. The plus symbol indicates development testing at 150% of maximum working pressure up to 600,000 impulse cycles.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). Available with unique abrasion resistant MegaTuff® or XtraTuff™ cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available for 3/4")
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85541	4M4K+-XTF X50FT	4657-2616	1/4	0.54	4,000	16,000	2.0	1
70693	4M4K+-XTFXREEL	4657-2281	1/4	0.54	4,000	16,000	2.0	440
70459	5M4K+-XTFXREEL	4657-8016	5/16	0.61	4,000	16,000	2.3	350
85542	6M4K+-XTF X50FT	4657-2615	3/8	0.69	4,000	16,000	2.5	1
70694	6M4K+-XTFXREEL	4657-2283	3/8	0.69	4,000	16,000	2.5	330
85543	8M4K+-XTF X50FT	4657-2614	1/2	0.82	4,000	16,000	3.5	1
70695	8M4K+-XTFXREEL	4657-2284	1/2	0.82	4,000	16,000	3.5	220
70696	10M4K+-XTFXREEL	4657-2285	5/8	0.98	4,000	16,000	4.0	220
70697	12M4K+-XTFXREEL	4657-2286	3/4	1.14	4,000	16,000	4.8	220

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Global M4K+ Mega4000™ Hose—MegaTuff® Cover

High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: High-pressure hydraulic applications. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing. The plus symbol indicates development testing at 150% of maximum working pressure up to 600,000 impulse cycles.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). Available with unique abrasion resistant MegaTuff® or XtraTuff™ cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available for 3/4")
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85519	4M4K+-MTF X50FT	4657-1239	1/4	0.54	4,000	16,000	2.0	1
70830	4M4K+-MTF XREEL	4657-1477	1/4	0.54	4,000	16,000	2.0	350
70326	5M4K+-MTFXREEL	4657-8017	5/16	0.61	4,000	16,000	2.3	350
85520	6M4K+-MTF X50FT	4657-4020	3/8	0.69	4,000	16,000	2.5	1
70825	6M4K+-MTF XREEL	4657-1479	3/8	0.69	4,000	16,000	2.5	330
85521	8M4K-MTFX50FT	4657-4021	1/2	0.86	4,000	16,000	3.5	1
70826	8M4K+-MTFXREEL	4657-1480	1/2	0.86	4,000	16,000	3.5	220
85522	10M4K+-MTF X50FT	4657-4022	5/8	0.98	4,000	16,000	4.0	1
70827	10M4K+-MTF XREEL	4657-1481	5/8	0.98	4,000	16,000	4.0	220
85524	12M4K+-MTF X50FT	4657-4024	3/4	1.14	4,000	16,000	4.8	1
70828	12M4K+-MTF XREEL	4657-1482	3/4	1.14	4,000	16,000	4.8	190

M4KH Wire Braid Hose—High-Temp—SAE 100R19

High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic applications. Exceeds SAE 100R19.

Tube: Black, oil resistant, synthetic rubber (Nitrile).

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, thin synthetic rubber (Neoprene - CR). Flame resistance - MSHA 2G.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available for 3/4")
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85540	4M4KHX 50FT	4657-4098	1/4	0.54	4,000	16,000	2.0	1
70901	4M4KHXREEL	4657-2381	1/4	0.54	4,000	16,000	2.0	440
85546	6M4KHX 50FT	4657-4099	3/8	0.69	4,000	16,000	2.5	1
70902	6M4KHXREEL	4657-2383	3/8	0.69	4,000	16,000	2.5	330
85547	8M4KHX 50FT	4657-4100	1/2	0.82	4,000	16,000	3.5	1
70903	8M4KHXREEL	4657-2384	1/2	0.82	4,000	16,000	3.5	220
85548	10M4KHX 50FT	4657-4101	5/8	0.98	4,000	16,000	4.0	1
70904	10M4KHXREEL	4657-2385	5/8	0.98	4,000	16,000	4.0	220
85549	12M4KHX50FT	4657-2619	3/4	1.16	4,000	16,000	4.8	1
70905	12M4KHXREEL	4657-2386	3/4	1.16	4,000	16,000	4.8	220

High Pressure — M4KH Wire Braid Hose—High-Temp—MegaTuff® Cover

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: High-pressure hydraulic applications. Exceeds SAE 100R19.

Tube: Black, oil resistant, synthetic rubber (Nitrile).

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, thin synthetic rubber (Neoprene - CR). Flame resistance - MSHA 2G.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available for 3/4")
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85448	4M4KH-MTFX 50FT	4657-4093	1/4	0.54	4,000	16,000	2.0	1
70956	4M4KH-MTFXREEL	4657-2157	1/4	0.54	4,000	16,000	2.0	440
85449	6M4KH-MTFX 50FT	4657-4094	3/8	0.69	4,000	16,000	2.5	1
70957	6M4KH-MTFXREEL	4657-2159	3/8	0.69	4,000	16,000	2.5	330
85450	8M4KH-MTFX 50FT	4657-4095	1/2	0.82	4,000	16,000	3.5	1
70958	8M4KH-MTFXREEL	4657-2160	1/2	0.82	4,000	16,000	3.5	220
85451	10M4KH-MTFX 50FT	4657-4096	5/8	0.98	4,000	16,000	4.0	1
70959	10M4KH-MTFXREEL	4657-2161	5/8	0.98	4,000	16,000	4.0	220
85452	12M4KH-MTFX 50FT	4657-4097	3/4	1.16	4,000	16,000	4.8	1
70973	12M4KH-MTFXREEL	4657-2396	3/4	1.16	4,000	16,000	4.8	190

High Pressure — Global M3K Mega3000® Hose—SAE 100R17

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic oil lines. Exceeds SAE 100R17 requirements and performance requirements of EN 857 1SC. M3K hose has smaller exterior dimensions and significantly tighter bend radius than other SAE 100R1 and 100R2 hose.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Braided, high-tensile steel wire. -4, -5, -6 and -8 sizes are one braid; -10, -12 and -16 sizes are two braid.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). Available with unique abrasion resistant MegaTuff® or XtraTuff™ cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available 3/4" and 1")
MegaCrimp® Couplings
Permanent Power Crimp® Couplings (-3 only)

Part No.	Description	Product No.						Standard Pack
70352	3M3KXREEL	4657-8068	3/16	0.42	3,000	12,000	1.8	440
85624	4M3K X50FT	4657-4874	1/4	0.47	3,000	12,000	2.0	1
70485	4M3KXREEL	4657-1157	1/4	0.47	3,000	12,000	2.0	440
85609	5M3K X50FT	4657-2502	5/16	0.59	3,000	12,000	2.2	1
70575	5M3KXREEL	4657-2216	5/16	0.59	3,000	12,000	2.2	385
85625	6M3K X50FT	4657-4875	3/8	0.62	3,000	12,000	2.5	1
70486	6M3KXREEL	4657-1158	3/8	0.62	3,000	12,000	2.5	330
85626	8M3K X50FT	4657-4876	1/2	0.78	3,000	12,000	3.5	1
70487	8M3KXREEL	4657-1159	1/2	0.78	3,000	12,000	3.5	220
85627	10M3K X50FT	4657-4877	5/8	0.98	3,000	12,000	4.0	1
70488	10M3KXREEL	4657-1173	5/8	0.98	3,000	12,000	4.0	220
85628	12M3K X50FT	4657-4878	3/4	1.14	3,000	12,000	4.8	1
70489	12M3KXREEL	4657-0679	3/4	1.14	3,000	12,000	4.8	220
85629	16M3K X50FT	4657-4879	1	1.48	3,000	12,000	6.0	1
70490	16M3KXREEL	4657-1163	1	1.48	3,000	12,000	6.0	165

Global M3K Mega3000® Hose—XtraTuff™ Cover

High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
XtraTuff™ hose lasts up to 25 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: High-pressure hydraulic oil lines. Exceeds SAE 100R17 requirements and performance requirements of EN 857 1SC. M3K hose has smaller exterior dimensions and significantly tighter bend radius than other SAE 100R1 and 100R2 hose.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Braided, high-tensile steel wire. -4, -5, -6 and -8 sizes are one braid; -10, -12 and -16 sizes are two braid.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). Available with unique abrasion resistant MegaTuff® or XtraTuff™ cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available 3/4" and 1")
MegaCrimp® Couplings
Permanent Power Crimp® Couplings (-3 only)

Part No.	Description	Product No.						Standard Pack
70969	3M3K-XTF X REEL	4657-2301	3/16	0.42	3,000	12,000	1.8	440
70569	4M3K-XTFXREEL	4657-1097	1/4	0.47	3,000	12,000	2.0	440
70568	5M3K-XTFXREEL	4657-2300	5/16	0.59	3,000	12,000	2.2	385
70570	6M3K-XTFXREEL	4657-1098	3/8	0.62	3,000	12,000	2.5	330
70571	8M3K-XTFXREEL	4657-2248	1/2	0.78	3,000	12,000	3.5	220
70572	10M3K-XTFXREEL	4657-2249	5/8	0.98	3,000	12,000	4.0	220
70573	12M3K-XTFXREEL	4657-2250	3/4	1.14	3,000	12,000	4.8	220
70574	16M3K-XTFXREEL	4657-2307	1	1.56	3,000	12,000	6.0	165

Global M3K Mega3000® Hose—MegaTuff® Cover

High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: High-pressure hydraulic oil lines. Exceeds SAE 100R17 requirements and performance requirements of EN 857 1SC. M3K hose has smaller exterior dimensions and significantly tighter bend radius than other SAE 100R1 and 100R2 hose.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Braided, high-tensile steel wire. -4, -5, -6 and -8 sizes are one braid; -10, -12 and -16 sizes are two braid.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). Available with unique abrasion resistant MegaTuff® or XtraTuff™ cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available 3/4" and 1")
MegaCrimp® Couplings
Permanent Power Crimp® Couplings (-3 only)

Part No.	Description	Product No.						Standard Pack
85525	4M3K-MTF X50FT	4657-4025	1/4	0.47	3,000	12,000	2.0	1
70565	4M3K-MTFXREEL	4657-1181	1/4	0.47	3,000	12,000	2.0	440
85526	6M3K-MTF X50FT	4657-4026	3/8	0.62	3,000	12,000	2.5	1
70566	6M3K-MTFXREEL	4657-1182	3/8	0.62	3,000	12,000	2.5	330
85527	8M3K-MTF X50FT	4657-4027	1/2	0.78	3,000	12,000	3.5	1
70567	8M3K-MTFXREEL	4657-1183	1/2	0.78	3,000	12,000	3.5	330
85528	10M3K-MTF X50FT	4657-4028	5/8	0.98	3,000	12,000	4.0	1
70559	10M3K-MTFXREEL	4657-1184	5/8	0.98	3,000	12,000	4.0	220
85529	12M3K-MTF X50FT	4657-4029	3/4	1.14	3,000	12,000	4.8	1
70560	12M3K-MTFXREEL	4657-1185	3/4	1.14	3,000	12,000	4.8	220
85530	16M3K-MTF X50FT	4657-4030	1	1.56	3,000	12,000	6.0	1
70562	16M3K-MTFXREEL	4657-1186	1	1.56	3,000	12,000	6.0	165

High Pressure — M3KH Wire Braid Hose—High-Temp—SAE 100R17

Recommended For: High-pressure hydraulic oil lines. Meets SAE 100R17 requirements and performance requirements of EN 857 1SC. M3KH hose has smaller exterior dimensions and significantly tighter bend radius than other SAE 100R1 and 100R2 hose.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available for 3/4")
MegaCrimp® Couplings

Part No.	Description	Product No.	⊖	↕			R	Standard Pack
70898	4M3KHXREEL	4657-2664	1/4	0.47	3,000	12,000	2.0	440
70789	5M3KHXREEL	4657-4055	5/16	0.59	3,000	12,000	2.2	330
70899	6M3KHXREEL	4657-2696	3/8	0.62	3,000	12,000	2.5	330
70953	8M3KHXREEL	4657-1360	1/2	0.78	3,000	12,000	3.5	220
70954	10M3KHXREEL	4657-1361	5/8	0.98	3,000	12,000	4.0	220
70955	12M3KHXREEL	4657-1362	3/4	1.14	3,000	12,000	4.8	220
70907	16M3KHXREEL	4657-1363	1	1.56	3,000	12,000	6.0	165

High Pressure — M3KH Wire Braid Hose—High-Temp—MegaTuff® Cover

MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: High-pressure hydraulic oil lines. Meets SAE 100R17 requirements and performance requirements of EN 857 1SC. M3KH hose has smaller exterior dimensions and significantly tighter bend radius than other SAE 100R1 and 100R2 hose.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GlobalSpiral™ Couplings (available for 3/4")
MegaCrimp® Couplings

Part No.	Description	Product No.	⊖	↕			R	Standard Pack
71030	4M3KH-MTFXREEL	4657-2321	1/4	0.47	3,000	12,000	2.0	440
71031	6M3KH-MTFXREEL	4657-2323	3/8	0.62	3,000	12,000	2.5	330
71032	8M3KH-MTFXREEL	4657-2324	1/2	0.78	3,000	12,000	3.5	330
71033	10M3KH-MTFXREEL	4657-2325	5/8	0.98	3,000	12,000	4.0	220
71034	12M3KH-MTFXREEL	4657-2326	3/4	1.14	3,000	12,000	4.8	220
71035	16M3KH-MTFXREEL	4657-2327	1	1.56	3,000	12,000	6.0	165

M2T® MegaFlex® 2-Wire Braid Hose—SAE 100R16 High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic oil lines. Exceeds SAE 100R16. M2T hose has smaller exterior dimensions and significantly tighter bend radius.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). Dual green stripe layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings
Permanent Stainless Steel Power Crimp® Couplings

Part No.	Description	Product No.						Standard Pack
85600	4M2T X50FT	4657-1553	1/4	0.54	5,000	20,000	2.0	1
70390	4M2TXREEL	4657-1552	1/4	0.54	5,000	20,000	2.0	550
85601	6M2T X50FT	4657-1550	3/8	0.69	4,000	16,000	2.5	1
70391	6M2TXREEL	4657-1555	3/8	0.69	4,000	16,000	2.5	385
85602	8M2T X50FT	4657-1561	1/2	0.81	3,500	14,000	3.5	1
70392	8M2TXREEL	4657-1559	1/2	0.81	3,500	14,000	3.5	330
85603	10M2T X50FT	4657-1564	5/8	0.95	2,750	12,000	4.0	1
70393	10M2TXREEL	4657-1563	5/8	0.95	3,000	12,000	4.0	220
85604	12M2T X50FT	4657-1568	3/4	1.10	2,250	9,000	4.8	1
70394	12M2TXREEL	4657-1567	3/4	1.10	2,250	9,000	4.8	220
85605	16M2T X50FT	4657-1572	1	1.38	2,000	8,000	6.0	1
70395	16M2TXREEL	4657-1571	1	1.38	2,000	8,000	6.0	165

M2T® MegaFlex® 2-Wire Braid Hose—MegaTuff® Cover High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: High-pressure hydraulic oil lines. Exceeds SAE 100R16. M2T hose has smaller exterior dimensions and significantly tighter bend radius.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). Dual green stripe layline. Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings
Permanent Stainless Steel Power Crimp® Couplings

Part No.	Description	Product No.						Standard Pack
70387	4M2T-MTFXREEL	4657-0222	1/4	0.54	5,000	20,000	2.0	350
70388	6M2T-MTFXREEL	4657-0223	3/8	0.69	4,000	16,000	2.5	330
70389	8M2T-MTFXREEL	4657-0224	1/2	0.81	3,500	14,000	3.5	330
70407	10M2T-MTFXREEL	4657-0225	5/8	0.95	3,000	12,000	4.0	220
70408	12M2T-MTFXREEL	4657-0226	3/4	1.10	2,250	9,000	4.8	220
70409	16M2T-MTFXREEL	4657-0227	1	1.38	2,000	8,000	6.0	165

CM2T MegaFlex® Connected Twin-Line 2-Wire Braid—SAE 100R16

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic oil lines joined together for easier plumbing and routing. Meets SAE 100R16 requirements. CM2T hose has smaller exterior dimensions and significantly tighter bend radius. Exceeds performance standards of EN 857 2SC and ISO/DIS 1436.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
70350	6CM2T TWIN LINEXCTN	4657-99002	3/8	0.70	4,800	19,200	3.5	215
85544	6CM2T X50FT	4657-2379	3/8	0.70	4,800	19,200	3.5	1
71151	6CM2TDL-XTFXCTN	4657-4974	3/8	0.70	4,800	19,200	3.5	215
70351	8CM2T TWIN LINEXCTN	4657-99665	1/2	0.82	4,000	16,000	5.0	180
85545	8CM2T X50FT	4657-2380	1/2	0.82	4,000	16,000	5.0	1
71152	8CM2TDL-XTFXCTN	4657-4975	1/2	0.82	4,000	16,000	5.0	180
85390	8CM2TDLXTFX50	4657-4981	1/2	0.82	4,000	16,000	5.0	1

Global G2 2-Wire Braid Hose—SAE 100R2 Type AT

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100R2AT and SAE 100R2 Type S and performance requirements of EN 853 2SN. Qualified to Mil-DTL-13531 Type II Class B.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, thin synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Field Attachable 'Type T' Couplings
MegaCrimp® Couplings (except -24 and -32)
Permanent GSP Couplings (-24 and -32)

Part No.	Description	Product No.						Standard Pack
86620	3G2 X50FT	4657-0029	3/16	0.52	6,000	24,000	3.5	1
70233	3G2XCTN	4657-0020	3/16	0.52	6,000	24,000	3.5	425
86621	4G2 X50FT	4657-4941	1/4	0.58	5,800	23,200	4.0	1
70605	4G2XREEL	4657-0125	1/4	0.58	5,800	23,200	4.0	550
86632	6G2 X100FT	4657-4906	3/8	0.73	4,800	19,200	5.0	1
86622	6G2 X50FT	4657-4916	3/8	0.73	4,800	19,200	5.0	1
70606	6G2XREEL	4657-0126	3/8	0.73	4,800	19,200	5.0	400
86634	8G2 X100FT	4657-4908	1/2	0.86	4,000	16,000	7.0	1
86623	8G2 X50FT	4657-4918	1/2	0.86	4,000	16,000	7.0	1
70607	8G2XREEL	4657-0127	1/2	0.86	4,000	16,000	7.0	330
86626	10G2 X50FT	4657-1965	5/8	0.98	3,625	14,500	8.0	1
70610	10G2XREEL	4657-0132	5/8	0.98	3,625	14,500	8.0	220
86624	12G2 X50FT	4657-4943	3/4	1.14	3,100	12,400	9.5	1
86635	12G2 X50FT	4657-4909	3/4	1.14	3,100	12,400	9.5	1
70608	12G2XREEL	4657-0128	3/4	1.14	3,100	12,400	9.5	220

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Global G2 2-Wire Braid Hose—SAE 100R2 Type AT

High Pressure

(continued)

Part No.	Description	Product No.						Standard Pack
86625	16G2 X50FT	4657-4945	1	1.48	2,400	9,600	12.0	1
70609	16G2XREEL	4657-0129	1	1.48	2,400	9,600	12.0	165
86627	20G2 X25FT	4657-0689	1 1/4	1.87	1,825	7,300	16.5	1
70240	20G2XCTN	4657-0644	1 1/4	1.87	1,825	7,300	16.5	120
86628	24G2 X25FT	4657-2507	1 1/2	2.15	1,300	5,000	20.0	1
86648	24G2 X50FT	4657-2516	1 1/2	2.15	1,300	5,000	20.0	1
70319	24G2XCTN	4657-2491	1 1/2	2.15	1,300	5,000	20.0	120
86629	32G2 X25FT	4657-2508	2	2.65	1,175	4,500	25.0	1
86649	32G2 X50FT	4657-2517	2	2.65	1,175	4,500	25.0	1
70320	32G2XCTN	4657-2492	2	2.65	1,175	4,500	25.0	120

Global G2H High-Temp 2-Wire Braid Hose

High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100R2AT and performance requirements of EN 853.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil resistant, synthetic rubber (Hypalon® - Type M). Available with unique abrasion resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Field Attachable 'Type T' Couplings
MegaCrimp® Couplings (-20)
Permanent GSP Couplings (-24 and -32)

Part No.	Description	Product No.						Standard Pack
86520	20G2H X50FT	4657-0925	1 1/4	1.87	1,625	6,600	16.5	1
70230	20G2HXCTN	4657-0930	1 1/4	1.87	1,625	6,600	16.5	120
86518	24G2H X50FT	4657-0927	1 1/2	2.15	1,250	5,000	20.0	1
85427	24G2HX25FT	4657-4331	1 1/2	2.15	1,300	5,000	20.0	1
70241	24G2HXCTN	4657-0931	1 1/2	2.15	1,300	5,000	20.0	120
85428	32G2HX25FT	4657-4332	2	2.65	1.175	4,500	25.0	1
70242	32G2HXCTN	4657-0932	2	2.65	1,175	4,500	25.0	120

† Hypalon® is a Registered Trademark of DuPont.

Global G2H High-Temp—MegaTuff® Cover

(Meets Flame Resistance Acceptance Designation "MSHA 2G")
MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: High-pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100R2AT and performance requirements of EN 853.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil resistant, synthetic rubber (Hypalon® - Type M). Available with unique abrasion resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
Field Attachable 'Type T' Couplings
MegaCrimp® Couplings (-20)
Permanent GSP Couplings (-24 and -32)

Part No.	Description	Product No.						Standard Pack
70897	20G2H-MTFXCTN	4657-2573	1 1/4	1.87	1,625	6,600	16.5	100
70188	24G2H-MTFXCTN	4657-2151	1 1/2	2.15	1,300	5,000	20.0	100
70189	32G2H-MTFXCTN	4657-2152	2	2.65	1,175	4,500	25.0	100

† Hypalon® is a Registered Trademark of DuPont.

G2XH 2-Wire Braid Extreme Heat Hose—SAE 100R2

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic applications where pressure or temperature requirements exceed SAE 100R2AT Type S and EN 853 2SN or where resistance to either petroleum-base or phosphate ester fluids is required. Meets SAE J1942 requirements.

Tube: Black, oil and chemical resistant, synthetic rubber (CPE).

Reinforcement: Two braids of high-tensile steel wire.

Cover: Blue, oil and abrasion resistant, thin synthetic rubber Hypalon®. Flame resistance - U.S. MSHA 2G.

Temperature Range: Petroleum-base fluids: -40°F to +300°F (-40°C to +149°C). Phosphate esters fluids as recommended by the fluid manufacturer, but within a range of -40°F to +212°F. For water emulsions: Max. +225°F) Pressure lines, Max +180°F Return lines.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85798	4G2XH X 50FT	4657-4008	1/4	0.58	6,000	24,000	4.0	1
70966	4G2XHXREEL	4657-2541	1/4	0.58	6,000	24,000	4.0	550
85799	6G2XH X 50FT	4657-4009	3/8	0.73	5,000	20,000	5.0	1
70967	6G2XHXREEL	4657-2542	3/8	0.73	5,000	20,000	5.0	400
85800	8G2XH X 50FT	4657-4010	1/2	0.86	4,250	17,000	7.0	1
70968	8G2XHXREEL	4657-2543	1/2	0.86	4,250	17,000	7.0	330
85801	10G2XH X 50FT	4657-4011	5/8	0.98	3,625	14,500	8.0	1
70803	10G2XHXREEL	4657-2544	5/8	0.98	3,625	14,500	8.0	220
85802	12G2XH X 50FT	4657-4012	3/4	1.14	3,100	12,400	9.5	1
70909	12G2XHXREEL	4657-2545	3/4	1.14	3,100	12,400	9.5	220
85803	16G2XH X 50FT	4657-4013	1	1.87	2,500	10,000	12.0	1
70878	16G2XHXREEL	4657-2546	1	1.87	2,500	10,000	12.0	165

† Hypalon® is a Registered Trademark of DuPont.

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Global G2L PolarFlex® Hose—SAE 100R2 Type AT

High Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: High-pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100R2AT and SAE 100R2 Type S and performance requirements of EN 853 2SN. Qualified to Mil-DTL-13531 Type II Class B.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, thin synthetic rubber (Neoprene - Type A). See Hose Stock Characteristics.

Temperature Range: -70°F to +212°F (-57°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Field Attachable 'Type T' Couplings
MegaCrimp® Couplings (except -24 and -32)
Permanent GSP Couplings (-24 and -32)

Part No.	Description	Product No.	⊖	I.D.			R	Standard Pack
85732	4G2L X50FT	4657-2475	1/4	0.58	5,800	23,200	4.0	1
70286	4G2LXREEL	4657-2202	1/4	0.58	5,800	23,200	4.0	440
85733	6G2L X50FT	4657-2476	3/8	0.73	4,800	19,200	5.0	1
70287	6G2LXREEL	4657-2203	3/8	0.73	4,800	19,200	5.0	385
85734	8G2L X50FT	4657-2477	1/2	0.86	4,000	16,000	7.0	1
70290	8G2LXREEL	4657-2204	1/2	0.86	4,000	16,000	7.0	330
85735	10G2L X50FT	4657-2478	5/8	0.98	3,625	14,500	8.0	1
70291	10G2LXREEL	4657-2205	5/8	0.98	3,625	14,500	8.0	220
85736	12G2L X50FT	4657-2479	3/4	1.14	3,100	12,400	9.5	1
70292	12G2LXREEL	4657-2206	3/4	1.14	3,100	12,400	9.5	220
85737	16G2L X50FT	4657-2480	1	1.48	2,400	9,600	12.0	1
70293	16G2LXREEL	4657-2207	1	1.48	2,400	9,600	12.0	165
85707	20G2LX 50FT	4657-4102	1 1/4	1.87	1,825	7,300	16.5	1
70294	20G2LXCTN	4657-2208	1 1/4	1.87	1,825	7,300	16.5	120
85708	24G2LX 50FT	4657-4103	1 1/2	2.20	1,300	5,200	20.0	1
70314	24G2LXCTN	4657-2315	1 1/2	2.20	1,300	5,200	20.0	120
85709	32G2LX 50FT	4657-4104	2	2.65	1,175	4,700	25.0	1
70315	32G2LXCTN	4657-2316	2	2.65	1,175	4,700	25.0	120

Hot Oiler 2-Wire Braid Hose

High Pressure

Recommended For: Static pressure, hot oiler applications. Designed specifically to handle the transfer of hot oil at 275°F continuous, 300°F intermittent to clear the paraffin around the casing to help start the flow of oil to the surface.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber (Hypalon® - Type M).

Temperature Range: -40°F to +300°F (-40°C to +149°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Field Attachable 'Type T' Couplings
Permanent GSP Couplings

Part No.	Description	Product No.	⊖	I.D.			R	Standard Pack
70860	24HOXCTN	4657-0063	1 1/2	2.15	2,300	6,900	20.0	120

† Hypalon® is a Registered Trademark of DuPont.

J2AT 2-Wire Braid Jack Hose—10,000 Static Pressure Only

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Hydraulic jack applications. Meets Material Handling Institute specification IJ 100 for hydraulic hose and assemblies used with jacking systems. 10,000 Static Pressure Only

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber (Modified Nitrile - Type C2). Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +120°F (-40°C to +49°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Use MegaCrimp® Male Pipe Long Nose Couplings on jack end of assembly for engagement.

Part No.	Description	Product No.						Standard Pack
85650	4J2AT X50FT	4657-4880	1/4	0.58	10,000	20,000	4.0	1
70800	4J2ATXREEL	4657-1400	1/4	0.58	10,000	20,000	4.0	350
85651	6J2AT X50FT	4657-4881	3/8	0.74	10,000	20,000	5.0	1
70801	6J2ATXREEL	4657-1404	3/8	0.74	10,000	20,000	5.0	330

J2AT 2-Wire Braid Jack Hose—MegaTuff® Cover—10,000 Static Pressure Only

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.

Recommended For: Hydraulic jack applications. Meets Material Handling Institute specification IJ 100 for hydraulic hose and assemblies used with jacking systems. 10,000 Static Pressure Only

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber (Modified Nitrile - Type C2). Available with unique abrasion-resistant MegaTuff® cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +120°F (-40°C to +49°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Use MegaCrimp® Male Pipe Long Nose Couplings on jack end of assembly for engagement.

Part No.	Description	Product No.						Standard Pack
70469	4J2AT-MTFXREEL	4657-1188	1/4	0.58	10,000	20,000	4.0	350
70471	6J2AT-MTFXREEL	4657-1189	3/8	0.74	10,000	20,000	5.0	330

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

G1 1-Wire Braid Hose—SAE 100R1 Type AT

Medium Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Medium pressure hydraulic lines. Meets or exceeds the requirements of SAE 100R1 Type AT and SAE 100R1 Type S and performance requirements of EN 853 1SN.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Field Attachable 'Type T' Couplings
MegaCrimp® Couplings (except -3, -24 and -32)
Permanent GSP Couplings (-3 only)

Part No.	Description	Product No.						Standard Pack
70200	3G1XCTN	4657-0618	3/16	0.47	3,625	14,500	3.5	800
70611	3G1XREEL	4657-0599	3/16	0.47	3,625	14,500	3.0	440
86611	4G1 X50FT	4657-4940	1/4	0.53	3,275	13,100	4.0	1
70600	4G1XREEL	4657-0120	1/4	0.53	3,275	13,100	4.0	440
70199	5G1XCTN	4657-0031	5/16	0.59	3,125	12,500	4.5	550
70970	5G1XREEL	4657-0116	5/16	0.59	3,125	12,500	4.5	350
86631	6G1 X100FT	4657-4905	3/8	0.69	2,600	10,400	5.0	1
86612	6G1 X50FT	4657-4915	3/8	0.69	2,600	10,400	5.0	1
70601	6G1XREEL	4657-0121	3/8	0.69	2,600	10,400	5.0	385
86633	8G1 X100FT	4657-4907	1/2	0.82	2,325	9,300	7.0	1
86613	8G1 X50FT	4657-4917	1/2	0.82	2,325	9,300	7.0	1
70602	8G1XREEL	4657-0122	1/2	0.82	2,325	9,300	7.0	330
70612	10G1XREEL	4657-0115	5/8	0.94	1,900	7,600	8.0	220
86614	12G1 X50FT	4657-4942	3/4	1.10	1,525	6,100	9.0	1
70603	12G1XREEL	4657-0123	3/4	1.10	1,525	6,100	9.0	220
86615	16G1 X50FT	4657-4944	1	1.41	1,275	5,100	12.0	1
70604	16G1XREEL	4657-0124	1	1.41	1,275	5,100	12.0	165
70271	20G1XCTN	4657-0646	1 1/4	1.71	925	3,700	16.0	120
70278	24G1XCTN	4657-2489	1 1/2	1.96	725	2,900	20.0	120
70279	32G1XCTN	4657-2490	2	2.52	600	2,700	25.0	120

G1H 1-Wire Braid Hose—High-Temp—SAE 100R1 Type AT

Medium Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Medium pressure hydraulic oil lines. Meets or exceeds requirements of SAE 100R1 Type AT.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber (Hypalon® - Type M).

Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

MegaCrimp® Couplings (except -24 and -32)
Permanent GSP Couplings (-24 and -32)

Part No.	Description	Product No.						Standard Pack
85922	4G1HX 50FT	4657-4105	1/4	0.53	2,750	11,000	4.0	1
70755	4G1HXREEL	4657-2175	1/4	0.53	2,750	11,000	4.0	440
85923	6G1HX 50FT	4657-4106	3/8	0.69	2,250	9,000	5.0	1
70756	6G1HXREEL	4657-2176	3/8	0.69	2,250	9,000	5.0	385
85924	8G1HX 50FT	4657-4107	1/2	0.82	2,000	8,000	7.0	1

G1H 1-Wire Braid Hose—High-Temp—SAE 100R1 Type AT

(continued)

Part No.	Description	Product No.						Standard Pack
70757	8G1HXREEL	4657-2177	1/2	0.82	2,000	8,000	7.0	330
85925	10G1HX 50FT	4657-4108	5/8	0.94	1,500	6,000	8.0	1
70214	10G1HXCTN	4657-0910	5/8	0.94	1,500	6,000	8.0	225
70758	10G1HXREEL	4657-2178	5/8	0.94	1,500	6,000	8.0	220
85938	12G1H X50FT	4657-2617	3/4	1.10	1,250	5,000	9.5	1
70759	12G1HXREEL	4657-2179	3/4	1.10	1,250	5,000	9.5	220
85934	16G1HX 50FT	4657-4109	1	1.41	1,000	4,000	12.0	1
70210	16G1HXCTN	4657-0904	1	1.41	1,000	4,000	12.0	120
70760	16G1HXREEL	4657-2180	1	1.41	1,000	4,000	12.0	165
85935	20G1HX 50FT	4657-4110	1 1/4	1.72	925	2,500	16.0	1
70211	20G1HXCTN	4657-0940	1 1/4	1.72	925	2,500	16.0	120
85936	24G1HX 50FT	4657-4111	1 1/2	1.96	725	2,900	20.0	1
70212	24G1HXCTN	4657-0934	1 1/2	1.96	725	2,900	20.0	120
85937	32G1HX 50FT	4657-4112	2	2.52	600	2,400	25.0	1
70213	32G1HXCTN	4657-0935	2	2.52	600	2,400	25.0	120

† Hypalon® is a Registered Trademark of DuPont.

RFS Red Fire Suppressant Hose

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Low-pressure powder fire suppressant applications in mining, forestry and fire fighting equipment. The red cover is for easy visual identification in these applications. Meets performance requirements 100R Type S.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Red, oil and abrasion resistant (Modified Nitrile - Type C2).

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

MegaCrimp® Couplings
Permanent Power Crimp® Couplings (-3 only)

Part No.	Description	Product No.						Standard Pack
H24100-03F	3RFSXREEL	4657-2145	3/8	0.45	3,000	12,000	3.0	440
H24100-04F	4RFSXREEL	4657-3314	1/4	0.53	2,750	11,000	4.0	440
H24100-06F	6RFSXREEL	4657-3313	3/8	0.68	2,250	9,000	5.0	300
H24100-08F	8RFSXREEL	4657-3315	1/2	0.80	2,000	8,000	7.0	330
H24100-12F	12RFSXREEL	4657-3316	3/4	1.09	1,250	5,000	9.5	300
H24100-16F	16RFSXREEL	4657-2155	1	1.41	1,000	4,000	12.0	165

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

G3H High-Temp 2-Fiber Braid Hose—SAE 100R3

Medium Pressure

Recommended For: Hydraulic oil lines, anti-freeze solutions or water. Meets or exceeds requirements of SAE 100R3.

Tube: Black, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two fiber braids.

Cover: Black, oil and abrasion resistant, synthetic rubber (Neoprene - Type A). See Hose Stock Characteristics.

Temperature Range: For hydraulic oil lines -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Permanent Power Crimp® Couplings

Part No.	Description	Product No.							Standard Pack
85951	4G3H X25FT	3319-4263	1/4	0.56	1,250	5,000	3.0	28	1
70127	4G3HXCTN	3319-0088	1/4	0.56	1,250	5,000	3.0	28	455
85950	5G3HX 50FT	3319-4717	5/16	0.66	1,200	4,750	3.5	28	1
70420	5G3HXCTN	3319-4287	5/16	0.66	1,200	4,750	3.5	28	330
85952	6G3H X25FT	3319-4262	3/8	0.75	1,125	4,500	4.0	28	1
70128	6G3HXCTN	3319-0087	3/8	0.75	1,125	4,500	4.0	28	350
85953	8G3H X25FT	3319-4261	1/2	0.94	1,000	4,000	5.0	28	1
70126	8G3HXCTN	3319-0090	1/2	0.94	1,000	4,000	5.0	28	225
70421	10G3HXCTN	3319-4288	5/8	1.10	900	3,500	5.5	28	200
85954	12G3H X25FT	3319-4265	3/4	1.25	750	3,000	6.0	28	1
70119	12G3HXCTN	3319-0091	3/4	1.25	750	3,000	6.0	28	160
85955	16G3H X25FT	3319-4264	1	1.50	565	2,250	8.0	20	1
70120	16G3HXCTN	3319-0092	1	1.50	565	2,250	8.0	20	120
85956	20G3HX 50FT	3319-4718	1 1/4	1.75	375	1,500	10.0	15	1
70121	20G3HXCTN	3319-0071	1 1/4	1.75	375	1,500	10.0	15	120
85957	24G3HX 50FT	3319-4719	1 1/2	1.94	300	1,200	12.0	10	1
70422	24G3HXCTN	3319-4289	1 1/2	1.94	300	1,200	12.0	10	120

GTH High-Temp 1-Fiber Braid Hose—SAE 100R6

Low Pressure

Recommended For: Hydraulic oil lines, heavy-duty transmission oil cooler lines and glycol anti-freeze solutions. Meets or exceeds requirements of SAE 100R6.

Tube: Black, specially compounded, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One fiber braid.

Cover: Black, oil and abrasion resistant, synthetic rubber (Neoprene - Type A). See Hose Stock Characteristics.

Temperature Range: For hydraulic oil lines -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

GLP Couplings (except -3 and -5)
MegaCrimp® Couplings (except -3)
Permanent Power Crimp® Couplings (-3 only)

Part No.	Description	Product No.							Standard Pack
70106	3GTHXCTN	3319-3301	3/16	0.44	500	2,000	2.0	28	715
70107	4GTHXCTN	3319-3305	1/4	0.50	400	1,600	2.5	28	775
86687	5GTH X50FT	3319-0305	5/16	0.56	400	1,600	3.0	28	1
70108	5GTHXCTN	3319-3310	5/16	0.56	400	1,600	3.0	28	650
86688	6GTHX X50FT	3289-0005	3/8	0.63	400	1,600	3.0	28	1
86618	8GTH X50FT	3319-3317	1/2	0.78	400	1,600	4.0	18	1
70110	8GTHXCTN	3319-3320	1/2	0.78	400	1,600	4.0	18	400
70131	8GTHXREEL	3319-3323	1/2	0.78	400	1,600	4.0	18	200
86695	10GTH X25FT	3319-4268	5/8	0.91	350	1,400	5.0	15	1

Low Pressure — GTH High-Temp 1-Fiber Braid Hose—SAE 100R6

(continued)

Part No.	Description	Product No.							Standard Pack
70111	10GTHXCTN	3319-3325	5/8	0.91	350	1,400	5.0	15	250
70130	12GTHXCTN	3319-3335	3/4	1.06	300	1,200	5.5	15	225
70746	16GTHXCTN	3319-3345	1	1.13	250	1,000	8.0	10	165

Low Pressure — M500 Wire Braid Hose

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Pilot lines, pressure return lines, 500 psi or less pressure applications.

Tube: Black, oil resistant, synthetic rubber (NBR).

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber, flame resistance.

Temperature Range: -40°F to +212°F (-40°C to +100°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

GLP Couplings
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85442	4M500X 50FT	4657-4087	1/4	0.48	500	2,000	2.0	1
70747	4M500XREEL	4657-8027	1/4	0.48	500	2,000	2.0	440
85443	6M500X 50FT	4657-4088	3/8	0.63	500	2,000	2.5	1
70748	6M500XREEL	4657-8028	3/8	0.63	500	2,000	2.5	330
85444	8M500X 50FT	4657-4089	1/2	0.76	500	2,000	3.5	1
70749	8M500XREEL	4657-8029	1/2	0.76	500	2,000	3.5	220
85445	10M500X 50FT	4657-4090	5/8	0.93	500	2,000	4.0	1
70752	10M500XREEL	4657-8030	5/8	0.93	500	2,000	4.0	220
85446	12M500X 50FT	4657-4091	3/4	1.09	500	2,000	4.8	1
70770	12M500XREEL	4657-8031	3/4	1.09	500	2,000	4.8	220
85447	16M500X 50FT	4657-4092	1	1.40	500	2,000	6.0	1
70974	16M500XREEL	4657-8032	1	1.40	500	2,000	6.0	165

Low Pressure — M500 XtraTuff™ Wire Braid Hose

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Pilot lines, pressure return lines, 500 psi or less pressure applications.

Tube: Black, oil resistant, synthetic rubber (NBR).

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber, flame resistance.

Temperature Range: -40°F to +212°F (-40°C to +100°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

GLP Couplings
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
70979	4M500XTFXREEL	4657-8033	1/4	0.48	500	2,000	2.0	440
70980	6M500XTFXREEL	4657-8034	3/8	0.63	500	2,000	2.5	330
70981	8M500XTFXREEL	4657-8035	1/2	0.76	500	2,000	3.5	220
70982	10M500XTFXREEL	4657-8036	5/8	0.93	500	2,000	4.0	220
70983	12M500XTFXREEL	4657-8037	3/4	1.09	500	2,000	4.8	220
70984	16M500XTFXREEL	4657-8038	1	1.40	500	2,000	6.0	165

M500 MegaTuff® Wire Braid Hose

Low Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Pilot lines, pressure return lines, 500 psi or less pressure applications.

Tube: Black, oil resistant, synthetic rubber (NBR).

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber, flame resistance.

Temperature Range: -40°F to +212°F (-40°C to +100°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

GLP Couplings
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
70985	4M500MTFXREEL	4657-8039	1/4	0.48	500	2,000	2.0	440
70986	6M500MTFXREEL	4657-8040	3/8	0.63	500	2,000	2.5	330
70987	8M500MTFXREEL	4657-8041	1/2	0.76	500	2,000	3.5	220

PowerClean™ Hose

Recommended For: Heavy-duty use on hot and cold water high pressure cleaning equipment where heavy duty service is required. Flexible. Use Bend Restrictors to extend service life. NOTE: Not recommended for steam service.

Tube: Synthetic rubber specially compounded to handle high-pressure water service.

Reinforcement: High tensile steel one- or two-wire braid.

Cover: Specially compounded to handle pressure washer environment.

Temperature Range: -40°F to +250°F (-40° C to +121°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
70840	4PC3500 BLK REEL	4657-2400	1/4	0.53	3,500	14,000	4.0	300
85720	4PC3500 X50FT	4657-2467	1/4	0.53	3,500	14,000	4.0	1
70841	4PC6000 BLK REEL	4657-2410	3/8	0.68	6,000	12,000	4.0	300
70842	6PC3000 BLK REEL	4657-2402	3/8	0.68	3,000	12,000	5.0	300
70843	6PC3000 BLU REEL	4657-2404	3/8	0.68	3,000	12,000	5.0	300
85722	6PC3000 X50FT	4657-2469	3/8	0.68	3,000	12,000	5.0	1
85698	6PC3000 YELLOW X50FT	4657-0064	3/8	0.68	3,000	12,000	4.0	1
70848	6PC3000 YLW REEL	4657-2417	3/8	0.68	3,000	12,000	5.0	300
85723	6PC3000BLU X50FT	4657-2470	3/8	0.68	3,000	12,000	5.0	1
70844	6PC4000 BLK REEL	4657-2225	3/8	0.68	4,000	16,000	5.0	300
85724	6PC4000 X50FT	4657-2471	3/8	0.68	4,000	16,000	5.0	1
70845	6PC5000 BLK REEL	4657-2407	3/8	0.74	5,000	20,000	5.0	300
85725	6PC5000 X50FT	4657-2472	3/8	0.74	5,000	20,000	5.0	1
85721	6PC6000 X 50FT	4657-2468	3/8	0.74	6,000	24,000	4.0	1
70846	8PC2500 BLK REEL	4657-2408	1/2	0.80	2,500	10,000	7.0	300
85726	8PC2500 X50FT	4657-2473	1/2	0.80	2,500	10,000	7.0	1
70847	8PC4000 BLK REEL	4657-2426	1/2	0.86	4,000	16,000	7.0	300
85727	8PC4000 X50FT	4657-2474	1/2	0.86	4,000	16,000	7.0	1

NOTE: Not recommended for Steam Hose.

TR500 High-Temp/Air Brake/Engine Hose

Recommended For: Air brake hose, pressurized oil return lines and rotary oil/air compressor lines, engine and transmission coolant lines and lube oil lines. Meets or exceeds DOT FMVSS 106-74, SAE J1402 (4, 6, 8, 10). Not recommended for gasoline or diesel fuel applications.

Tube: Black (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Oil and mildew resistant, textile braid, impregnated with synthetic rubber.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GLP Couplings
MegaCrimp® Couplings

Part No.	Description	Product No.							Standard Pack
85745	4TR500 X50FT	4657-2600	1/4	0.51	500	2,000	1.0	30	1
70881	4TR500XREEL	4657-2228	1/4	0.51	500	2,000	1.0	30	250
85747	6TR500 X50FT	4657-2601	3/8	0.66	500	2,000	1.8	30	1
70883	6TR500XREEL	4657-2520	3/8	0.66	500	2,000	1.8	30	350
85748	8TR500 X50FT	4657-2602	1/2	0.80	500	2,000	2.3	30	1
70884	8TR500XREEL	4657-2521	1/2	0.80	500	2,000	2.3	30	350
85749	10TR500 X50FT	4657-2603	5/8	0.93	500	2,000	2.8	30	1
70885	10TR500XREEL	4657-2229	5/8	0.93	500	2,000	2.8	30	300
85750	12TR500 X50FT	4657-2604	3/4	1.04	500	2,000	3.5	30	1
70886	12TR500XREEL	4657-2230	3/4	1.04	500	2,000	3.5	30	200
85751	16TR500 X50FT	4657-2605	1	1.30	500	2,000	4.5	30	1
70887	16TR500XREEL	4657-2231	1	1.30	500	2,000	4.5	30	150

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

High Pressure

MegaTech® II—SAE 100R2 Type AT—ACP Carton Pack

Recommended For: Multi-purpose high-pressure, high-temperature, air compressor lines, petroleum-base or phosphate ester hydraulic fluid supply lines. Meets or exceeds the requirements of SAE 100R2AT and SAE 100R2 Type S.

Tube: Black, oil resistant, synthetic rubber (CPE - Type J). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Blue, oil and abrasion resistant, polyester braid.

Temperature Range: -40°F to +300°F (-40°C to +149°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings (-20 only)
Permanent GSP Couplings (-24 and -32)

Part No.	Description	Product No.						Standard Pack
70975	20ACP MEGATECHIIXCTN	4657-8018	1 1/4	1.89	2,250	6,800	15.0	100
70858	24ACP MEGATECHIIXCTN	4657-2484	1 1/2	2.13	1,500	6,000	20.0	100
70859	32ACP MEGATECHIIXCTN	4657-2485	2	2.61	1,300	5,200	25.0	100

MegaTech® 1000 High-Temp Oil/Air Return

Fleet Application

Recommended For: Air brake, pressurized hot oil return lines and rotary oil/air compressor lines. Meets the requirements of DOT FMVSS 106-74, SAE J1402, SAE J1019 and Air Brake Hose (-4, 6, 8, 10) performance specifications for high-temperature transmission and lubricating oil systems using petroleum base oils. Not recommended for gasoline or diesel fuel applications.

Tube: GTS (Gates Technical Spec.) black tube specifically compounded for temperature and chemical resistance (CPE - Type J). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Oil and mildew resistant, textile braid, impregnated with synthetic rubber.

Temperature Range: Petroleum-base fluids: -40°F to +300°F (-40°C to +149°C). Phosphate esters fluids as recommended by the fluid manufacturer, but within a range of -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

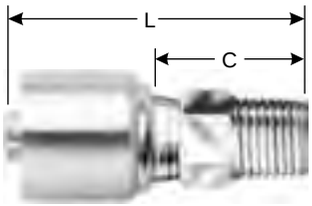
Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

GL Couplings (-12, -16 and -20)
MegaCrimp® Couplings

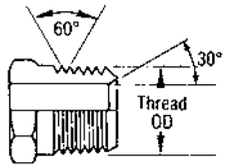
Part No.	Description	Product No.							Standard Pack
70850	4MEGATECH 1000XREEL	4657-2332	1/4	0.52	1,000	4,000	2.0	30	350
85980	4MEGATECH1000 X50FT	4657-2503	1/4	0.52	1,000	4,000	2.0	30	1
70851	6MEGATECH 1000XREEL	4657-2297	3/8	0.66	1,000	4,000	2.5	30	350
85981	6MEGATECH1000 X50FT	4657-2504	3/8	0.66	1,000	4,000	2.5	30	1
70852	8MEGATECH 1000XREEL	4657-2334	1/2	0.80	1,000	4,000	3.5	30	350
85982	8MEGATECH1000 X50FT	4657-2505	1/2	0.80	1,000	4,000	3.5	30	1
70853	10MEGATECH 1000XREEL	4657-2335	5/8	0.93	1,000	4,000	4.0	30	300
85983	10MEGATECH1000 X50FT	4657-2506	5/8	0.93	1,000	4,000	4.0	30	1
70888	12MEGATECH 1000XREEL	4657-2336	3/4	1.15	1,000	4,000	4.8	30	200
85984	12MEGATECH1000X50FT	4657-4040	3/4	1.15	1,000	4,000	4.8	30	1
70889	16MEGATECH 1000XREEL	4657-2337	1	1.37	1,000	4,000	6.0	30	150
85985	16MEGATECH1000X50FT	4657-4041	1	1.37	1,000	4,000	6.0	30	1
85986	20MEGATECH1000X50FT	4657-4042	1 1/4	1.64	1,000	4,000	8.5	30	1
70890	20MEGATECH1000XCTN	4657-2338	1 1/4	1.64	1,000	4,000	8.5	30	100

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

Male Pipe (NPTF - 30° Cone Seat)



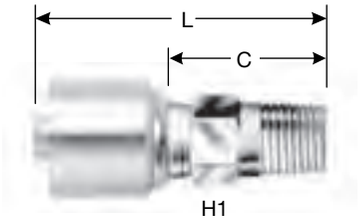
H1



Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G25100-0402	4G-2MP	7100-10025	1/4	6.4	1/8-27	1/2	—	1.97	50.0	.94	24.0
G25100-0404	4G-4MP	7100-10035	1/4	6.4	1/4-18	9/16	—	2.17	55.0	1.14	29.0
G25100-0406	4G-6MP	7100-10045	1/4	6.4	3/8-18	11/16	—	2.17	55.0	1.14	29.0
G25100-0408	4G-8MP	7100-10055	1/4	6.4	1/2-14	7/8	—	2.44	62.0	1.42	36.0
G25100-0504	5G-4MP	7100-00065	5/16	7.9	1/4-18	5/8	—	2.28	58.0	1.18	30.0
G25100-0506	5G-6MP	7100-10065	5/16	7.9	3/8-18	5/8	—	1.22	55.5	1.08	27.5
G25100-0604	6G-4MP	7100-10075	3/8	9.5	1/4-18	5/8	—	2.32	59.0	1.22	31.1
G25100-0606	6G-6MP	7100-10085	3/8	9.5	3/8-18	11/16	—	2.32	59.0	1.22	31.1
G25100-0608	6G-8MP	7100-10095	3/8	9.5	1/2-14	7/8	—	2.52	64.0	1.42	36.1
G25100-0804	8G-4MP	7100-10105	1/2	12.7	1/4-18	5/8	—	2.52	64.0	1.24	31.5
G25100-0806	8G-6MP	7100-00105	1/2	12.7	3/8-18	13/16	—	2.72	69.0	1.24	31.5
G25100-0808	8G-8MP	7100-00115	1/2	12.7	1/2-14	7/8	—	2.78	73.0	1.40	35.5
G25100-0812	8G-12MP	7100-00125	1/2	12.7	3/4-14	1 1/16	—	2.95	75.0	1.48	37.5
G25100-1008	10G-8MP	7100-00225	5/8	15.8	1/2-14	15/16	—	2.95	75.0	1.48	37.5
G25100-1012	10G-12MP	7100-00235	5/8	15.8	3/4-14	1 1/16	—	2.89	73.5	1.42	36.0
G25100-1208	12G-8MP	7100-00155	3/4	19.0	1/2-14	1 1/16	—	3.46	88.0	1.46	37.0
G25100-1212	12G-12MP	7100-00165	3/4	19.0	3/4-14	1 1/16	—	3.46	88.0	1.46	37.0
G25100-1216	12G-16MP	7100-00175	3/4	19.0	1-11 1/2	1 3/8	—	3.78	96.0	1.77	45.0
G25100-1612	16G-12MP	7100-00195	1	25.4	3/4-14	1 3/8	—	3.94	100.0	1.70	43.2
G25100-1616	16G-16MP	7100-00205	1	25.4	1-11 1/2	1 3/8	—	4.11	104.5	1.88	47.7
G25100-2020	20G-20MP	7100-00215	1 1/4	31.7	1 1/4-11 1/2	1 3/4	—	4.45	113.0	2.13	54.0

Male Pipe Long Nose

For use with J2AT Jack Hose and special high-pressure applications.



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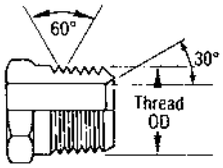


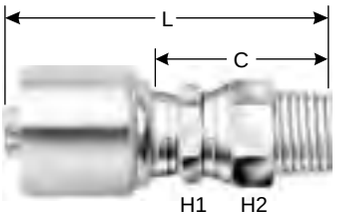
Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G25101-0404	4G-4MPLN	7100-16615	1/4	6.4	1/4-18	9/16	—	2.56	65.0	1.54	39.0
G25101-0406	4G-6MPLN	7100-16625	1/4	6.4	3/8-18	11/16	—	2.56	65.0	1.54	39.0
G25101-0604	6G-4MPLN	7100-16645	3/8	9.5	1/4-18	5/8	—	2.72	69.0	1.62	41.1
G25101-0606	6G-6MPLN	7100-16635	3/8	9.5	3/8-18	11/16	—	2.72	69.0	1.62	41.1

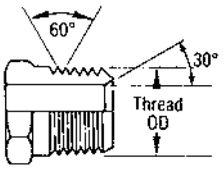
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Pipe Swivel (NPTF - Without 30° Cone Seat)

NOT TO BE USED AS A LIVE SWIVEL.

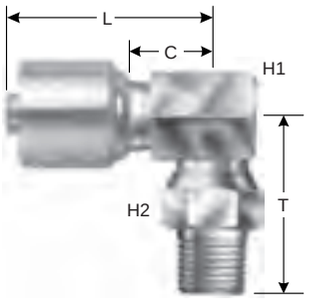


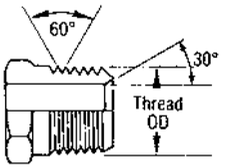


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G25105-0402	4G-2MPX	7100-10245	1/4	6.4	1/8-27	1/2	1/2	2.39	60.8	1.37	24.8
G25105-0404	4G-4MPX	7100-10255	1/4	6.4	1/4-18	1/2	7/8	2.61	66.3	1.58	40.2
G25105-0406	4G-6MPX	7100-10265	1/4	6.4	3/8-18	5/8	7/8	2.74	69.5	1.71	43.5
G25105-0408	4G-8MPX	7100-10275	1/4	6.4	1/2-14	3/4	1	2.97	75.4	1.94	49.4
G25105-0604	6G-4MPX	7100-10285	3/8	9.5	1/4-18	5/8	7/8	2.87	72.8	.85	21.7
G25105-0606	6G-6MPX	7100-10295	3/8	9.5	3/8-18	2 1/2	7/8	2.81	71.5	1.72	43.6
G25105-0608	6G-8MPX	7100-10305	3/8	9.5	1/2-14	3/4	1	3.05	77.5	1.95	49.5
G25105-0806	8G-6MPX	7100-00315	1/2	12.7	3/8-18	13/16	7/8	3.23	82.0	1.76	44.6
G25105-0808	8G-8MPX	7100-00325	1/2	12.7	1/2-14	13/16	1	3.42	86.9	1.94	49.4
G25105-1012	10G-12MPX	7100-00335	5/8	15.8	3/4-14	1 1/16	1 5/16	3.48	88.5	2.01	51.1
G25105-1208	12G-8MPX	7100-00345	3/4	19.1	1/2-14	1 1/16	1	3.97	100.9	1.96	49.9
G25105-1212	12G-12MPX	7100-00355	3/4	19.1	3/4-14	1 1/16	1 5/16	4.02	102.0	2.01	51.0
G25105-1616	16G-16MPX	7100-00365	1	25.4	1-11 1/2	1 3/8	1 5/8	4.73	120.2	2.50	63.4

Male Pipe Swivel - 90° Block (NPTF - Without 30° Cone Seat)

NOT TO BE USED AS A LIVE SWIVEL.

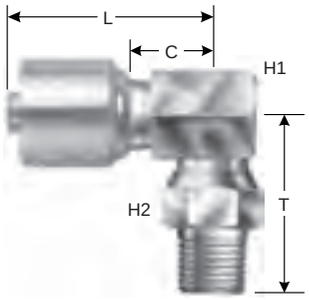


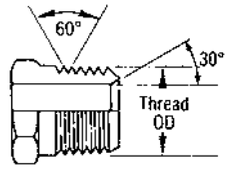


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G25106-0402	4G-2MPX90	7100-10365	1/4	6.4	1/8-27	11/16	1/2	1.20	30.5	2.12	53.9	.72	18.4
G25106-0404	4G-4MPX90	7100-10375	1/4	6.4	1/4-18	11/16	11/16	1.63	41.3	1.75	44.5	.72	18.4
G25106-0406	4G-6MPX90	7100-10385	1/4	6.4	3/8-18	11/16	7/8	1.73	43.9	1.82	46.3	.80	20.2
G25106-0604	6G-4MPX90	7100-10395	3/8	9.5	1/4-18	3/4	11/16	1.66	42.1	1.95	49.6	.85	21.7
G25106-0606	6G-6MPX90	7100-10405	3/8	9.5	3/8-18	3/4	7/8	1.76	44.8	1.95	49.6	.85	21.7
G25106-0608	6G-8MPX90	7100-10415	3/8	9.5	1/2-14	3/4	1	1.93	49.1	1.96	49.7	.85	21.7
G25106-0806	8G-6MPX90	7100-07135	1/2	12.7	3/8-18	1	7/8	1.89	48.0	2.55	64.7	1.07	27.2
G25106-0808	8G-8MPX90	7100-00425	1/2	12.7	1/2-14	1	1	2.06	52.3	2.55	64.7	1.07	27.2
G25106-1212	12G-12MPX90	7100-00435	3/4	19.1	3/4-14	1 3/8	1 15/16	2.30	58.4	3.18	80.7	1.17	29.7

Male Pipe Swivel - 90° Long Block (NPTF - Without 30° Cone Seat)

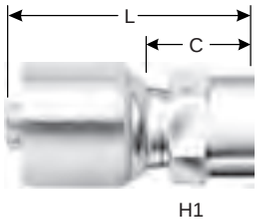
NOT TO BE USED AS A LIVE SWIVEL.These couplings have a longer reach (L dimension) to accommodate the OmniCrimp® 21 crimper.

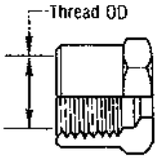




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G25107-0608	6G-8MPX90L	7100-00445	3/8	9.5	1/2-14	3/4	1	1.93	49.1	3.41	86.5	1.94	49.3
G25107-0808	8G-8MPX90L	7100-00455	1/2	12.7	1/2-14	1	1	2.06	52.3	3.76	95.5	1.80	45.6
G25107-1212	12G-12MPX90L	7100-00475	3/4	19.1	3/4-14	1 3/8	1 5/16	2.30	58.4	3.93	99.7	1.92	48.7

Female Pipe (NPTF - Without 30° Cone Seat)



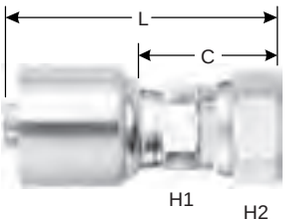


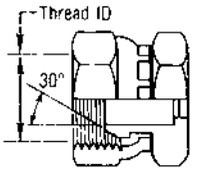
Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G25110-0402	4G-2FP	7100-10485	1/4	6.4	1/8-27	9/16	—	1.74	44.3	.72	18.3
G25110-0404	4G-4FP	7100-10495	1/4	6.4	1/4-18	11/16	—	1.99	50.5	.96	24.5
G25110-0406	4G-6FP	7100-10505	1/4	6.4	3/8-18	13/16	—	1.99	50.5	.96	24.5
G25110-0604	6G-4FP	7100-10515	3/8	9.5	1/4-18	11/16	—	2.01	51.0	.91	23.1
G25110-0606	6G-6FP	7100-10525	3/8	9.5	3/8-18	13/16	—	2.07	52.5	.97	24.6
G25110-0608	6G-8FP	7100-10535	3/8	9.5	1/2-14	1	—	2.25	57.1	1.15	29.2
G25110-0806	8G-6FP	7100-00545	1/2	12.7	3/8-18	13/16	—	2.46	62.5	.98	25.0
G25110-0808	8G-8FP	7100-00555	1/2	12.7	1/2-14	1	—	2.64	67.0	1.16	29.5
G25110-1212	12G-12FP	7100-00565	3/4	19.0	3/4-14	1 1/4	—	3.23	82.0	1.22	31.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Pipe Swivel (NPSM - 30° Cone Seat)

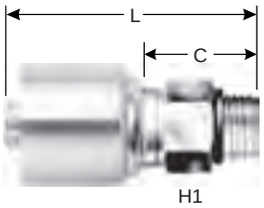


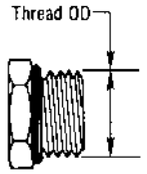


Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G25111-0404	4G-4FPX	7100-10575	1/4	6.4	1/4-18	1/2	11/16	2.24	57.0	1.22	30.9
G25111-0606	6G-6FPX	7100-10585	3/8	9.5	3/8-18	5/8	7/8	2.37	60.2	1.27	32.3
G25111-0808	8G-8FPX	7100-00595	1/2	12.7	1/2-14	13/16	1	2.81	71.4	1.33	33.9
G25111-1212	12G-12FPX	7100-00605	3/4	19.0	3/4-14	1 1/16	1 1/4	3.72	94.4	1.71	43.4
G25111-1616	16G-16FPX	7100-00615	1	25.4	1-11 1/2	1 3/8	1 1/2	4.11	104.3	1.87	47.5
G25111-2020	20G-20FPX	7100-00625	1 1/4	31.8	1 1/4-17/32	1 3/4	1 7/8	4.50	114.4	2.18	55.4

Male O-Ring Boss

SAE J1926/3 ISO 11926-3 Light-Duty (L Series) Stud End.





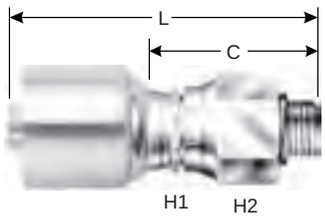
Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G25120-0404	4G-4MB	7100-12205	1/4	6.4	7/16-20	9/16	—	1.99	50.5	.96	24.5
G25120-0405	4G-5MB	7100-12215	1/4	6.4	1/2-20	5/8	—	1.99	50.5	.96	24.5
G25120-0406	4G-6MB	7100-12225	1/4	6.4	9/16-18	11/16	—	2.05	52.0	1.02	26.0
G25120-0605	6G-5MB	7100-12285	3/8	9.5	1/2-20	1/16	—	2.05	52.0	.95	24.1
G25120-0606	6G-6MB	7100-13235	3/8	9.5	9/16-18	11/16	—	2.07	52.5	.96	24.5
G25120-0608	6G-8MB	7100-13245	3/8	9.5	3/4-16	7/8	—	2.17	55.0	1.07	27.1
G25120-0610	6G-10MB	7100-12255	3/8	9.5	7/8-14	1	—	2.22	56.5	1.13	28.6
G25120-0612	6G-12MB	7100-12265	3/8	9.5	1 1/16-12	1 1/4	—	2.42	61.5	1.32	33.6
G25120-0808	8G-8MB	7100-13275	1/2	12.7	7/8-14	7/8	—	2.54	64.5	1.06	27.0
G25120-0810	8G-10MB	7100-13285	1/2	12.7	7/8-14	1	—	2.58	65.5	1.10	28.0
G25120-0812	8G-12MB	7100-13295	1/2	12.7	1 1/16-12	1 1/4	—	2.78	70.5	1.30	33.0
G25120-1008	10G-8MB	7100-02305	5/8	15.8	3/4-16	1 1/4	—	2.83	72.0	1.36	34.5
G25120-1010	10G-10MB	7100-13315	5/8	15.8	7/8-14	1	—	2.64	67.0	1.16	29.5
G25120-1012	10G-12MB	7100-13325	5/8	15.8	1 1/16-12	1 1/4	—	2.78	70.5	1.30	33.0
G25120-1210	12G-10MB	7100-02265	3/4	19.1	7/8-14	1	—	3.23	82.1	1.22	31.1
G25120-1212	12G-12MB	7100-02335	3/4	19.0	1 1/16-12	1 1/4	—	3.33	84.5	1.32	33.5
G25120-1214	12G-14MB	7100-02345	3/4	19.0	1 3/16-12	1 3/8	—	3.31	84.0	1.30	33.0
G25120-1216	12G-16MB	7100-02355	3/4	19.0	1 5/16-12	1 1/2	—	3.44	87.5	1.44	36.5
G25120-1614	16G-14MB	7100-02365	1	25.4	1 3/16-12	1 3/8	—	3.78	96.0	1.54	39.2
G25120-1616	16G-16MB	7100-02375	1	25.4	1 5/16-12	1 1/2	—	3.72	94.5	1.48	37.7

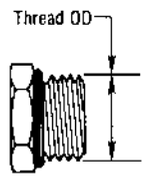
Male O-Ring Boss - Cont'd

Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
G25120-1620	16G-20MB	7100-02255	1	25.4	105/8-12	1 7/8	—	3.74	95.0	1.50	38.2
G25120-2020	20G-20MB	7100-02385	1 1/4	31.8	1 5/8-12	1 7/8	—	3.82	97.0	1.50	38.0

Male O-Ring Boss Swivel

NOT TO BE USED AS A LIVE SWIVEL.NOTE: Internal O-Rings rated at 250°F (121°C).SAE J1926/3 ISO 11926-3 Light-Duty (L Series) Stud End.

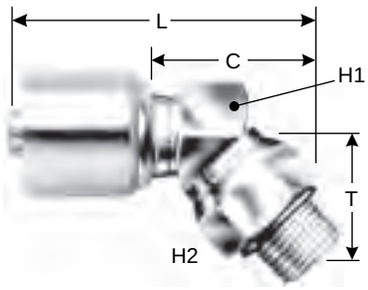


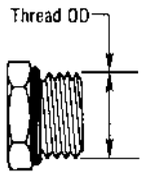


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G25121-0404	4G-4MBX	7100-12385	1/4	6.4	7/16-20	1/2	23/32	2.69	68.4	1.67	42.4
G25121-0406	4G-6MBX	7209-40025	1/4	6.4	9/16-18	5/8	7/8	2.65	67.3	1.62	41.2
G25121-0606	6G-6MBX	7209-40045	3/8	6.4	9/16-18	5/8	3/4	2.73	69.3	1.63	41.3
G25121-0608	6G-8MBX	7209-40055	3/8	9.5	3/4-16	3/4	1	2.74	69.6	1.64	41.6
G25121-0610	6G-10MBX	7100-12425	3/8	9.5	7/8-14	3/4	1	2.80	71.1	1.70	43.1
G25121-0810	8G-10MBX	7209-40095	1/2	12.7	7/8-14	13/16	1	3.17	80.6	1.70	43.1
G25121-1010	10G-10MBX	7100-02645	5/8	15.8	7/8-14	15/16	1 3/16	3.47	88.3	2.00	50.8
G25121-1212	12G-12MBX	7100-02455	3/4	19.0	1 1/16-12	1 1/16	1 5/16	4.00	101.5	1.99	50.5

Male O-Ring Boss Swivel - 45° Block

NOT TO BE USED AS A LIVE SWIVEL.NOTE: Internal O-Rings rated at 250°F (121°C).SAE J1926/3 ISO 11926-3 Light-Duty (L Series) Stud End.





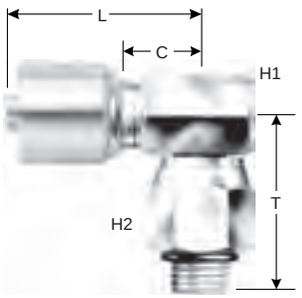
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G25122-0606	6G-6MBX45	7209-40225	3/8	9.5	9/16-18	3/4	7/8	1.09	27.8	3.11	79.0	2.01	51.0
G25122-0608	6G-8MBX45	7209-40235	3/8	9.5	3/4-16	3/4	1	1.06	26.9	3.07	78.1	1.98	50.2
G25122-0808	8G-8MBX45	7100-02495	1/2	12.7	3/4-16	1	1	1.12	28.4	3.04	77.2	1.56	39.7
G25122-0810	8G-10MBX45	7100-02505	1/2	12.7	7/8-14	1	1	1.16	29.5	3.08	78.3	1.61	40.8

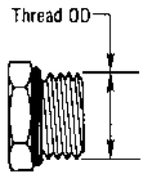
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male O-Ring Boss Swivel - 90° Block

NOT TO BE USED AS A LIVE SWIVEL.NOTE: Internal O-Rings rated at 250°F (121°C).SAE J1926/3 ISO 11926-3 Light-Duty (L Series) Stud End.

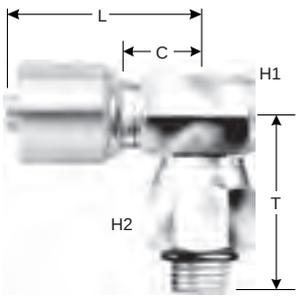


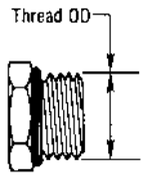


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G25123-0405	4G-5MBX90	7100-12555	1/4	6.4	1/2-20	11/16	11/16	1.57	40.0	1.82	46.3	.80	20.2
G25123-0406	4G-6MBX90	7209-40425	1/4	6.4	9/16-18	11/16	7/8	1.65	41.8	1.82	46.3	.80	20.2
G25123-0606	6G-6MBX90	7209-40455	3/8	9.5	9/16-18	3/4	7/8	1.67	42.5	1.96	49.7	.85	21.7
G25123-0608	6G-8MBX90	7209-40475	3/8	9.5	3/4-16	3/4	1	1.63	41.3	2.41	61.2	.83	21.1
G25123-0610	6G-10MBX90	7209-40485	3/8	9.5	7/8-14	3/4	1	1.69	42.8	1.95	49.6	.85	21.7
G25123-0808	8G-8MBX90	7100-02555	1/2	12.7	3/4-16	1	1	1.75	44.5	2.55	64.7	1.07	27.2
G25123-0810	8G-10MBX90	7209-40525	1/2	12.7	7/8-14	1	1	1.81	46.0	2.55	64.7	1.07	27.2
G25123-0812	8G-12MBX90	7100-02575	1/2	12.7	1 1/16-12	1	1 5/16	2.09	53.1	2.52	64.1	1.05	26.6
G25123-1010	10G-10MBX90	7100-02585	5/8	15.9	7/8-14	1	1	1.81	46.0	2.40	60.9	.93	23.5
G25123-1212	12G-12MBX90	7100-02595	3/4	19.0	1 1/16-12	1 3/8	1 5/16	2.39	60.6	3.18	80.7	1.17	29.7

Male O-Ring Boss Swivel - 90° Long Block

NOT TO BE USED AS A LIVE SWIVEL.NOTE: Internal O-Rings rated at 250°F (121°C).SAE J1926/3 ISO 11926-3 Light-Duty (L Series) Stud End.These couplings have a longer reach (L dimension) to accommodate the OmniCrimp® 21 crimper.

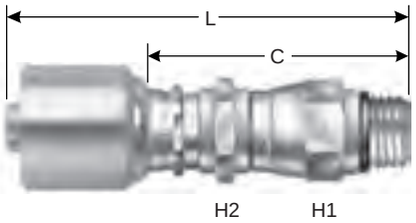


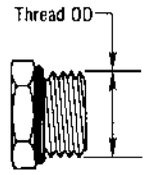


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G25124-0808	8G-8MBX90L	7100-02705	1/2	12.7	3/4-16	1	1	1.75	44.4	3.27	83.1	1.80	45.6
G25124-0810	8G-10MBX90L	7100-02715	1/2	12.7	7/8-14	1	1	1.81	46.0	3.27	83.1	1.80	45.6
G25124-0812	8G-12MBX90L	7100-02725	1/2	12.7	1 1/16-12	1	1 5/16	2.09	53.1	3.76	95.5	2.28	58.0
G25124-1010	10G-10MBX90L	7100-02735	5/8	15.8	7/8-14	1	1	1.81	46.0	3.27	83.1	1.80	45.6
G25124-1212	12G-12MBX90L	7100-02755	3/4	19.0	1 1/16-12	1	1 5/16	2.28	57.9	3.94	100.0	1.93	48.9

Male O-Ring Boss Adapterless Swivel

NOTE: Internal O-Rings rated at 250°F (121°C).

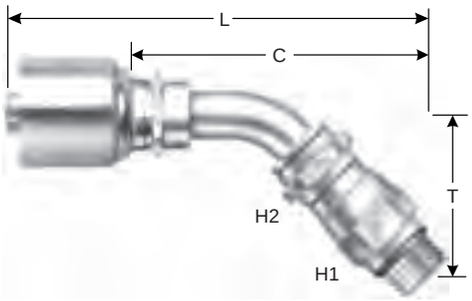


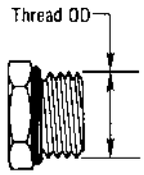


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G25130-0404	4G-4MBAX	7100-17115	1/4	6.4	7/16-20	17.0	17.0	3.19	81.0	2.17	55.0
G25130-0406	4G-6MBAX	7100-17135	1/4	6.4	9/16-18	17.0	17.0	3.19	81.0	2.17	55.0
G25130-0606	6G-6MBAX	7100-17215	3/8	9.5	9/16-18	22.0	22.0	3.44	87.5	2.35	59.6
G25130-0608	6G-8MBAX	7100-17225	3/8	9.5	3/4-16	17.0	22.0	3.43	87.0	2.33	59.1
G25130-0808	8G-8MBAX	7100-17265	1/2	12.7	3/4-16	24.0	24.0	4.02	102.0	2.54	64.5
G25130-1010	10G-10MBAX	7100-17315	5/8	15.8	7/8-14	24.0	30.0	4.25	108.0	2.78	70.5
G25130-1212	12G-12MBAX	7100-17365	3/4	19.0	1 1/16-12	36.0	36.0	5.16	131.0	3.15	80.0

Male O-Ring Boss Adapterless Swivel - 45° Bent Tube

NOTE: Internal O-Rings rated at 250°F (121°C).



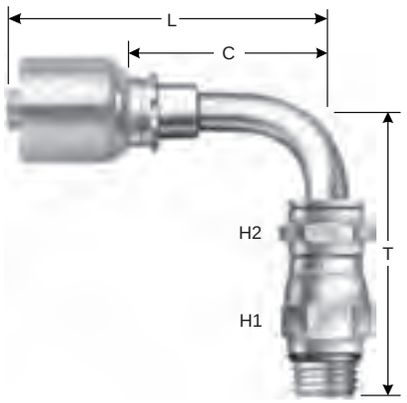


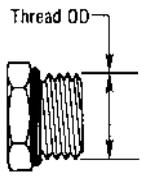
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G25133-0404	4G-4MBAX45	7100-17615	1/4	6.4	7/16-20	17.0	17.0	1.42	36.0	3.54	90.0	2.52	64.0
G25133-0606	6G-6MBAX45	7100-17715	3/8	9.5	9/16-18	22.0	22.0	1.57	40.0	3.98	101.0	2.88	73.1
G25133-0608	6G-8MBAX45	7100-17725	3/8	9.5	3/4-16	22.0	22.0	1.57	40.0	3.98	101.0	2.88	73.1
G25133-0808	8G-8MBAX45	7100-17765	1/2	12.7	3/4-16	24.0	24.0	1.81	46.0	4.80	122.0	3.33	84.5
G25133-1010	10G-10MBAX45	7100-17815	5/8	15.8	7/8-14	30.0	30.0	1.97	50.0	5.08	129.0	3.62	92.0
G25133-1212	12G-12MBAX45	7100-17865	3/4	19.0	1 1/16-12	36.0	36.0	2.20	56.0	5.98	152.0	3.98	101.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male O-Ring Boss Adapterless Swivel - 90° Medium Bent Tube

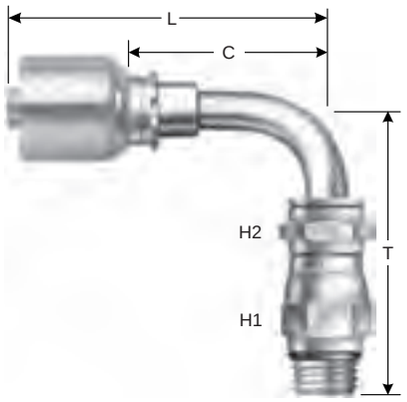


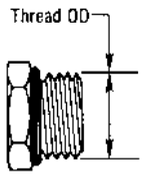


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G25134-0404	4G-4MBAX90M	7100-18615	1/4	—	7/16-20	17.0	17.0	—	75.0	—	61.0	—	35.0
G25134-0606	6G-6MBAX90M	7100-18715	3/8	—	9/16-18	22.0	22.0	—	83.0	—	70.0	—	42.1
G25134-0808	8G-8MBAX90M	7100-18765	1/2	—	3/4-16	24.0	24.0	—	97.0	—	87.5	—	50.0
G25134-1010	10G-10MBAX90M	7100-18815	5/8	—	7/8-14	30.0	30.0	—	109.0	—	95.5	—	58.0
G25134-1212	12G-12MBAX90M	7100-18865	3/4	—	1 1/16-12	36.0	36.0	—	122.0	—	114.0	—	63.0

Male O-Ring Boss Adapterless Swivel - 90° Bent Tube

NOTE: Internal O-Rings rated at 250°F (121°C).



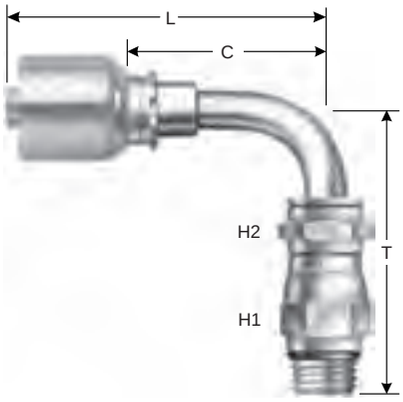


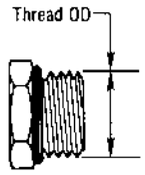
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G25135-0404	4G-4MBAX90S	7100-18115	1/4	6.4	7/16-20	17.0	17.0	2.32	59.0	2.68	68.0	1.65	42.0
G25135-0606	6G-6MBAX90S	7100-18215	3/8	9.5	9/16-18	22.0	22.0	2.60	66.0	3.07	78.0	1.97	50.1
G25135-0608	6G-8MBAX90S	7100-18225	3/8	9.5	3/4-16	22.0	22.0	2.60	66.0	3.07	78.0	1.97	50.1
G25135-0808	8G-8MBAX90S	7100-18265	1/2	12.7	3/4-16	24.0	24.0	3.03	77.0	3.80	96.5	2.32	59.0
G25135-1010	10G-10MBAX90S	7100-18315	5/8	15.8	7/8-14	30.0	30.0	3.39	86.0	4.19	106.5	2.72	69.0
G25135-1012	10G-12MBAX90S	7100-18325	5/8	15.8	1 1/16-12	36.0	36.0	3.82	97.0	4.49	114.0	3.03	77.0
G25135-1212	12G-12MBAX90S	7100-18365	3/4	19.0	1 1/16-12	36.0	36.0	3.82	97.0	5.00	127.0	2.99	76.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male O-Ring Boss Adapterless Swivel - 90° Long Bent Tube

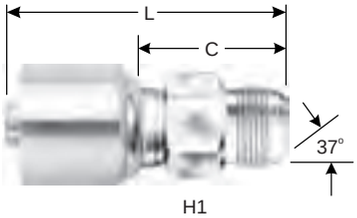
NOTE: Internal O-Rings rated at 250°F (121°C).

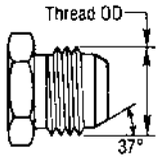




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G25136-0404	4G-4MBAX90L	7100-19115	1/4	6.4	7/16-20	17.0	17.0	3.35	85.0	2.40	61.0	1.38	35.0
G25136-0606	6G-6MBAX90L	7100-19215	3/8	9.5	9/16-18	22.0	22.0	3.78	96.0	4.09	70.0	3.05	77.5
G25136-0808	8G-8MBAX90L	7100-19265	1/2	12.7	3/4-16	24.0	24.0	4.41	112.0	3.44	87.5	1.97	50.0
G25136-1010	10G-10MBAX90L	7100-19315	5/8	15.8	7/8-14	30.0	30.0	4.96	126.0	3.76	95.5	2.28	58.0
G25136-1212	12G-12MBAX90L	7100-19365	3/4	19.0	1 1/16-12	36.0	36.0	5.63	143.0	4.49	114.0	2.48	63.0

Male JIC 37° Flare





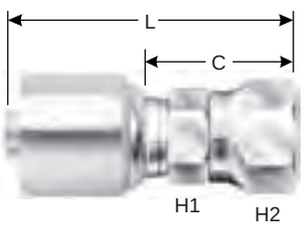
Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G25165-1212	12GE-12MJ	7100-00765	3/4	19.0	1 5/16-12	1 1/16	—	—	—	3.68	93.0	1.67	42.5
G25165-1214	12GE-14MJ	7100-00775	3/4	19.0	1 3/16-12	1 3/16	—	—	—	3.58	91.0	1.57	40.0
G25165-1216	12GE-16MJ	7100-10785	3/4	19.0	1 5/16-12	1 5/16	—	—	—	3.62	92.0	1.61	41.0
G25165-0404	4G-4MJ	7103-36045	1/4	6.4	9/16-18	—	14.0	—	—	2.18	55.5	1.16	29.5
G25165-0405	4G-5MJ	7103-36055	1/4	6.4	1/2-20	—	14.0	—	—	2.18	55.5	1.16	29.5
G25165-0406	4GE-6MJ	7100-10825	3/8	6.4	9/16-18	9/16	—	—	—	2.20	56.0	1.18	30.0
G25165-0505	5GE-5MJ	7100-10665	5/16	7.9	1/2-20	5/16	—	—	—	2.20	56.0	1.10	28.0
G25165-0506	5GE-6MJ	7100-00665	5/16	7.9	9/16-18	5/8	—	—	—	2.26	57.5	1.16	29.5
G25165-0606	6GE-6MJ	7100-10675	3/8	9.5	9/16-18	5/8	—	—	—	2.26	57.5	1.17	29.6
G25165-0608	6G-8MJ	7103-36165	3/8	9.5	3/4-16	—	19.0	—	—	2.48	63.0	1.38	35.1
G25165-0610	6G-10MJ	7103-36175	3/8	9.5	7/8-14	—	24.0	—	—	2.63	67.0	1.53	39.1
G25165-0808	8G-8MJ	7103-36215	1/2	12.7	3/4-16	—	22.0	—	—	2.81	71.5	1.33	34.0
G25165-0810	8G-10MJ	7103-36225	1/2	12.7	7/8-14	—	24.0	—	—	2.91	74.0	1.43	36.5
G25165-0812	8G-12MJ	7103-36235	1/2	12.7	1 1/16-12	—	27.0	—	—	3.18	81.0	1.71	43.5
G25165-0812	8GE-12MJ	7100-00725	1/2	12.7	1 1/16-12	1 1/16	—	—	—	2.97	75.5	1.50	38.0

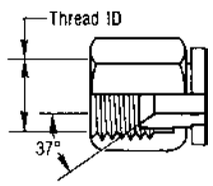
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male JIC 37° Flare - Cont'd

Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm
G25165-1008	10GE-8MJ	7100-00735	5/8	15.8	3/4-16	15/16	—	—	—	2.83	72.0	1.36	34.5
G25165-1010	10GE-10MJ	7100-00745	5/8	15.8	7/8-14	15/16	—	—	—	2.99	76.0	1.52	38.5
G25165-1012	10GE-12MJ	7100-00755	5/8	15.8	1 1/16-12	1 1/16	—	—	—	2.97	75.5	1.50	38.0
G25165-1210	12GE-10MJ	7100-00825	3/4	19.0	7/8-14	1 1/16	—	—	—	3.68	93.5	1.67	42.5
G25165-1614	16GE-14MJ	7100-00835	1	25.4	1 3/16-12	1 3/8	—	—	—	4.09	104.0	1.85	47.2
G25165-1616	16GE-16MJ	7100-00795	1	25.4	1 5/16-12	1 3/8	—	—	—	4.11	104.5	1.88	47.7
G25165-1620	16GE-20MJ	7100-00805	1	25.4	1 5/8-12	1 3/4	—	—	—	4.29	109.0	2.06	52.2
G25165-2020	20GE-20MJ	7100-00815	1 1/4	31.7	1 5/8-12	1 3/4	—	—	—	4.43	112.5	2.07	53.5

Female JIC 37° Flare Swivel



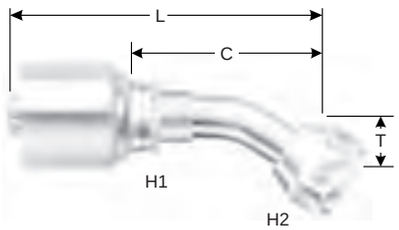


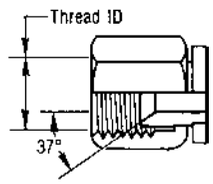
Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G25170-1216	12GE-16FJX	7100-01085	3/4	19.0	1 5/16-12	1 1/4	—	1 1/2	—	3.78	96.0	1.77	45.0
G25170-0404	4G-4FJX	7103-08045	1/4	6.4	7/16-20	—	15.0	—	14.0	2.20	55.9	1.20	29.9
G25170-0405	4G-5FJX	7103-08055	1/4	6.4	1/2-20	—	15.0	—	17.0	2.30	58.3	1.30	32.3
G25170-0406	4G-6FJX	7103-08065	1/4	6.4	9/16-18	—	15.0	—	19.0	2.40	59.6	1.30	33.6
G25170-0505	5GE-5FJX	7100-00935	5/16	7.9	1/2-20	5/8	—	11/16	—	2.23	56.7	1.13	28.7
G25170-0506	5GE-6FJX	7100-00925	5/16	7.9	9/16-18	5/8	—	3/4	—	2.31	58.8	1.21	30.8
G25170-0604	6G-4FJX	7103-09135	3/8	9.5	1/2-20	—	15.9	—	14.0	2.90	74.7	1.80	46.8
G25170-0605	6GE-5FJX	7100-10935	3/8	9.5	1/2-20	5/8	—	11/16	—	2.23	56.7	1.13	28.8
G25170-0606	6G-6FJX	7103-08145	3/8	9.5	9/16-18	—	17.0	—	19.0	2.50	63.5	1.40	35.6
G25170-0608	6G-8FJX	7103-08155	3/8	9.5	3/4-16	—	17.0	—	24.0	2.70	67.3	1.60	39.4
G25170-0610	6GE-10FJX	7100-10965	3/8	9.5	7/8-14	13/16	—	1 1/16	—	2.61	66.2	1.50	38.2
G25170-0612	6GE-12FJX	7100-10975	3/8	9.5	1 1/16-12	1 1/16	—	1 1/4	—	2.81	71.5	1.71	43.5
G25170-0806	8G-6FJXSP	7103-10195	1/2	12.7	9/16-18	.86	21.8	.75	19.1	2.66	67.6	1.19	30.2
G25170-0808	8G-8FJX	7103-08205	1/2	12.7	3/4-16	—	22.0	—	24.0	2.90	73.2	1.50	38.0
G25170-0810	8G-10FJX	7103-08215	1 1/2	12.7	7/8-14	—	22.0	—	27.0	3.00	76.5	1.63	41.3
G25170-0812	8G-12FJX	7103-08225	1/2	12.7	1 1/16-12	—	22.0	—	32.0	3.10	77.7	1.70	42.5
G25170-0816	8G-16FJX	7103-09235	1/2	12.7	1 5/16-12	—	12.0	1 1/2	—	3.98	101.6	1.77	44.9
G25170-1008	10GE-8FJX	7100-01015	5/8	15.8	3/4-16	15/16	—	7/8	—	2.90	73.6	1.42	36.1
G25170-1010	10GE-10FJX	7100-01025	5/8	15.8	7/8-14	15/16	—	1 1/16	—	3.04	77.1	1.56	39.7
G25170-1012	10GE-12FJX	7100-01035	5/8	15.8	1 1/16-12	1	—	1 1/4	—	3.09	78.5	1.61	41.0
G25170-1014	10GE-14FJX	7100-01045	5/8	15.8	1 3/16-12	1 1/8	—	1 3/8	—	3.14	79.7	1.66	42.2
G25170-1208	12G-8FJX	7100-07155	3/4	19.0	3/4-16	1 1/16	—	7/8	—	3.51	89.1	1.44	36.8
G25170-1210	12G-10FJX	7103-09315	3/4	19.0	7/8-14	—	27.0	—	27.0	4.80	122.0	2.50	71.0
G25170-1212	12G-12FJX	7103-08325	3/4	19.0	1 1/16-12	—	27.0	—	32.0	3.10	78.1	1.90	47.1
G25170-1214	12G-14FJX	7103-08335	3/4	19.0	1 3/16-12	—	27.0	—	36.0	3.80	96.9	1.80	45.9
G25170-1612	16GE-12FJX	7100-01105	1	25.4	1 1/16-12	1 3/8	—	1 1/4	—	3.98	101.0	1.74	44.2
G25170-1614	16GE-14FJX	7100-01115	1	25.4	1 3/16-12	1 3/8	—	1 3/8	—	4.00	101.6	1.77	44.9
G25170-1616	16GE-16FJX	7100-01125	1	25.4	1 5/16-12	1 3/8	—	1 1/2	—	4.17	106.0	1.94	49.2
G25170-1620	16GE-20FJX	7100-01135	1	25.4	1 5/8-12	1 9/16	—	2	—	4.33	109.9	2.09	53.1

Female JIC 37° Flare Swivel - Cont'd

Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm
G25170-2020	20GE-20FJX	7100-01145	1 1/4	31.7	1 5/8-12	1 3/4	—	2	—	4.60	116.9	2.28	57.9
G25170-2024	20GE-24FJX	7100-01155	1 1/4	31.7	1 7/8-12	1 7/8	—	2 1/4	—	4.85	123.2	2.53	64.2
G25171-0806	8G-6FJX	7103-09195	1 1/2	12.7	9/16-18	—	19.0	—	22.0	3.50	88.1	1.99	50.6

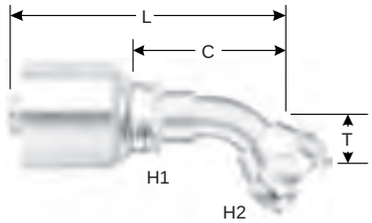
Female JIC 37° Flare Swivel - 30° Bent Tube

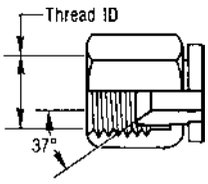




Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	T		L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G25172-1012	10GE-12FJX30-018	7100-01185	5/8	15.8	1 1/16-12	1 1/4	—	7/8	—	.70	17.8	4.45	112.4	2.95	74.9
G25172-1210	12GE-10FJX30	7100-07125	3/4	19.0	7/8-14	1	—	1 1/16	—	.70	17.8	4.45	113.0	2.44	62.0

Female JIC 37° Flare Swivel - 45° Bent Tube





Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	T		L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G25174-0808	8G-8FJX45S	7103-46295	1/2	12.7	3/4-16	—	22.0	—	27.0	—	15.0	3.40	86.9	1.95	49.5
G25174-1612	16GE-12FJX45S	7100-01435	1	25.4	1 5/16-1/2	1 3/8	—	1 1/4	—	.82	21.0	5.15	131.0	2.92	74.2
G25175-0404	4G-4FJX45S	7103-46055	1/4	6.4	7/16-20	—	12.7	—	14.0	—	10.0	2.70	69.7	1.70	43.7
G25175-0405	4G-5FJX45-011	7103-46075	1/4	6.4	1/2-20	—	12.7	—	17.0	—	11.0	2.80	70.2	1.90	48.6
G25175-0406	4G-6FJX45S	7103-46135	1/4	6.4	9/16-18	—	12.7	—	19.0	—	11.0	3.10	77.8	2.00	51.8
G25175-0505	5GE-5FJX45	7100-01265	5/16	7.9	1/2-20	5/8	—	5/8	—	.56	14.2	2.60	66.0	1.50	38.0
G25175-0506	5GE-6FJX45	7100-01275	5/16	7.9	9/16-18	5/8	—	11/16	—	.56	14.2	2.87	73.0	1.77	45.0
G25175-0604	6G-4FJX45S	7103-46215	3/8	9.5	7/16-20	—	15.8	—	14.0	—	11.0	2.90	74.7	1.80	46.8
G25175-0606	6G-6FJX45S	7103-46235	3/8	9.5	9/16-18	—	19.0	—	17.0	—	18.0	2.90	74.2	1.70	43.1
G25175-0608	6G-8FJX45S	7103-46255	3/8	9.5	3/4/16	—	17.0	—	24.0	—	23.0	3.30	82.6	1.90	49.4
G25175-0810	8G-10FJX45S	7103-46315	1/2	12.7	7/8-14	—	22.0	—	27.0	—	—	3.30	82.6	2.20	54.7
G25175-1010	10GE-10FJX45	7100-01375	5/8	15.9	7/8-14	15/16	—	1	—	.75	19.1	3.60	91.5	2.13	54.0
G25175-1012	10GE-12FJX45	7100-01385	5/8	15.9	1 1/16-12	15/16	—	1 1/4	—	1.06	26.9	4.13	105.0	2.66	67.5
G25175-1210	12GE-10FJX45	7100-01395	3/4	19.0	7/8-14	1 1/16	—	1	—	.75	19.1	4.57	116.0	2.56	65.0
G25175-1212	12GE-12FJX45	7100-01415	3/4	19.0	1 1/16-12	1 1/16	—	1 1/4	—	1.06	26.9	4.89	124.2	2.88	73.2
G25175-1216	12G-16FJX45S	7103-46455	3/4	19.0	1 5/16-12	—	41.0	—	24.0	1.20	29.5	5.20	133.0	3.20	82.1

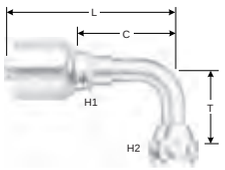
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

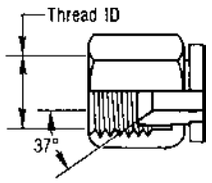
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female JIC 37° Flare Swivel - 45° Bent Tube - Cont'd

Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	T		L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
G25175-1616	16GE-16FJX45	7100-01455	1	25.4	1 5/16-12	1 3/8	—	1 1/2	—	1.16	29.5	5.30	134.6	3.06	77.8
G25175-2020	20GE-20FJX45	7100-01465	1 1/4	31.7	1 5/8-12	1 3/4	—	2	—	1.38	35.0	6.65	169.0	4.33	110.0

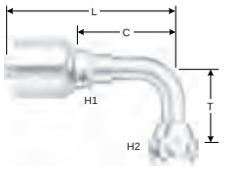
Female JIC 37° Flare Swivel - 90° Short Bent Tube

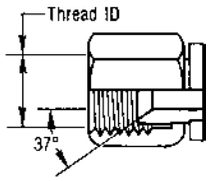




Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	T		L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G25179-0404	4G-4FJX90S	7103-47045	1/4	6.4	7/16-20	—	12.7	—	14.0	.83	21.0	2.50	63.2	1.30	33.1
G25179-0405	4G-5FJX90-023	7103-47075	1/4	6.4	1/2-20	—	12.7	—	15.9	.83	21.0	2.40	61.0	1.40	35.0
G25179-0406	4G-6FJX90S	7103-47125	1/4	6.4	9/16-18	—	12.7	—	15.9	.90	23.0	2.40	62.1	1.30	34.1
G25179-0506	5GE-6FJX90S	7100-07235	5/16	7.9	9/16-18	5/8	—	11/16	—	.85	21.6	2.67	67.9	1.57	39.9
G25179-0604	6G-4FJX90S	7103-47195	3/8	9.5	7/16-20	—	15.9	—	14.0	.83	21.0	2.90	74.7	1.90	46.8
G25179-0606	6G-6FJX90S	7103-47205	3/8	9.5	9/16-18	—	15.9	—	19.0	.90	23.0	2.90	74.2	1.80	46.3
G25179-0608	6G-8FJX90S	7103-47245	3/8	9.5	3/4-16	—	15.9	—	24.0	1.10	29.0	3.70	92.6	2.20	54.7
G25179-0808	8G-8FJX90S	7103-47285	1/2	12.7	3/4-16	—	—	—	24.0	1.10	29.0	3.20	81.0	1.71	43.5
G25179-0810	8G-10FJX90S	7103-47325	1/2	12.7	7/8-14	—	—	—	27.0	1.30	32.0	3.70	93.0	2.70	55.8
G25179-0812	8G-12FJX90S	7103-47355	1/2	12.7	1 1/6-12	—	22.0	—	32.0	1.30	32.0	3.30	83.5	1.80	46.0
G25179-1010	10GE-10FJX90S	7100-01685	5/8	15.8	7/8-14	15/16	—	1	—	1.23	31.2	3.37	85.5	1.89	48.0
G25179-1012	10GE-12FJX90S	7100-01695	5/8	15.8	1 1/16-12	15/16	—	1 1/4	—	1.82	46.2	3.77	95.8	2.30	58.3
G25179-1212	12G-12FJX90S	7103-47445	3/4	19.0	1 1/6-12	—	—	—	32.0	1.90	48.0	4.80	122.0	2.80	71.4
G25179-1214	12GE-14FJX90S	7100-01745	3/4	19.0	1 3/16-12	1 1/16	—	34.93	—	2.00	50.8	4.88	124.0	2.87	73.0
G25179-1216	12G-16FJX90S	7103-47475	3/4	19.0	1 1/6-12	—	—	—	41.0	2.20	56.0	5.20	132.0	3.20	81.7
G25179-1616	16GE-16FJX90S	7100-01765	1	25.4	1 5/16-12	1 3/8	—	1 1/2	—	2.23	56.6	5.11	129.9	2.88	73.1
G25179-1620	16GE-20FJX90S	7100-07205	1	25.4	1 5/8-12	1 3/8	—	2	—	2.95	75.0	6.57	167.0	4.34	110.2

Female JIC 37° Flare Swivel - 90° Medium Bent Tube



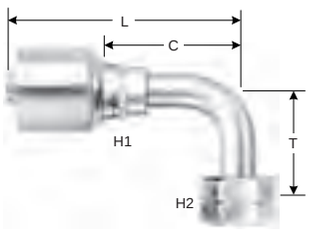


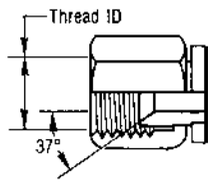
Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	T		L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G25180-0404	4G-4FJX90M	7103-47055	1/4	6.4	7/16-20	—	12.7	—	14.0	1.25	32.0	2.50	63.2	1.45	37.1
G25180-0405	4G-5FJX90M	7103-47095	1/4	6.4	1/2-26	—	12.7	—	15.9	1.25	32.0	2.42	61.0	1.40	35.0
G25180-0406	4G-6FJX90M	7103-47135	1/4	6.4	9/16-18	—	12.7	—	19.0	1.50	38.0	2.54	64.9	1.56	38.9
G25180-0506	5GE-6FJX90M	7100-01555	5/16	7.9	9/16-18	5/8	—	11/16	—	1.13	28.7	2.52	64.0	1.42	36.0
G25180-0606	6G-6FJX90M	7103-47215	3/8	9.5	9/16-18	—	15.9	—	19.0	1.50	38.0	2.90	74.2	1.80	46.3

Female JIC 37° Flare Swivel - 90° Medium Bent Tube - Cont'd

Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	T		L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
G25180-0608	6G-8FJX90M	7103-47255	3/8	9.5	3/4-16	—	15.9	—	24.0	1.61	41.0	3.31	84.0	2.21	56.1
G25180-0610	6G-10FJX90M	7103-47235	3/8	9.5	7/8-14	—	17.0	—	27.0	1.95	47.0	3.24	82.3	2.14	34.4
G25180-0808	8G-8FJX90M	7103-47295	1 1/2	12.7	3/4-16	—	—	—	24.0	1.60	41.0	3.00	77.3	1.57	39.9
G25180-0810	8G-10FJX90M	7103-47335	1 1/2	12.7	7/8-14	—	—	—	27.0	1.90	47.0	3.70	93.3	2.20	55.8
G25180-1010	10GE-10FJX90M	7100-01705	5/8	15.8	7/8-14	15/16	—	1	—	1.75	44.5	3.19	81.0	1.71	43.5
G25180-1012	10GE-12FJX90M	7100-07145	5/8	15.8	1 1/16-12	15/16	—	1 1/4	—	2.06	52.3	3.35	85.0	1.87	47.5
G25180-1210	12GE-10FJX90M	7100-07195	3/4	19.0	7/8-14	1 1/16	—	1	—	1.75	44.5	3.78	96.0	1.77	45.0
G25180-1212	12G-12FJX90M	7103-47455	3/4	19.0	1 1/16-12	—	—	—	32.0	2.30	58.0	4.80	122.0	2.80	71.0
G25180-1616	16GE-16FJX90M	7100-02075	1	25.4	1 5/16-12	1 3/8	—	1 1/2	—	2.62	66.5	4.52	114.9	2.29	58.1
G25180-2020	20GE-20FJX90M	7100-01795	1 1/4	31.7	1 5/8-12	1 3/4	—	2	—	3.50	88.9	5.43	138.0	3.11	79.0

Female JIC 37° Flare Swivel - 90° Long Bent Tube





Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	T		L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G25181-1214	12GE-14FJX90L	7100-01755	3/4	19.0	1 3/16-12	1 1/16	—	1 3/8	—	3.93	99.8	4.13	105.0	2.13	54.0
G25181-0404	4G-4FJX90L	7103-47065	1/4	6.4	7/16-20	—	12.7	—	14.0	1.80	46.0	2.50	63.2	1.50	37.1
G25181-0405	4G-5FJX90L	7103-47105	1/4	6.4	1/2-20	—	12.7	—	15.8	1.80	46.0	2.40	61.1	1.40	35.0
G25181-0406	4G-6FJX90L	7103-47145	1/4	6.4	9/16-18	—	12.7	—	19.0	2.10	54.0	2.70	69.3	1.70	43.2
G25181-0604	6G-4FJX90L	7103-47635	3/8	9.5	7/16-20	—	15.9	—	19.0	1.30	46.0	2.40	60.2	1.80	32.3
G25181-0606	6G-6FJX90L	7103-47225	3/8	9.5	9/16-18	—	15.9	—	19.0	2.10	54.0	2.90	74.2	1.80	46.3
G25181-0608	6G-8FJX90L	7103-47265	3/8	9.5	3/4-16	—	—	—	—	2.51	63.8	3.32	56.4	2.22	56.4
G25181-0808	8G-8FJX90L	7103-47305	1/2	12.7	3/4-16	—	—	—	—	2.51	63.8	3.04	77.2	1.57	39.8
G25181-0810	8G-10FJX90L	7103-47345	1/2	12.7	7/8-14	—	—	—	—	2.75	70.0	3.67	73.2	2.90	55.6
G25181-1010	10GE-10FJX90L	7100-07175	5/8	15.8	7/8-14	15/16	—	1	—	2.57	65.3	3.19	81.0	1.71	43.5
G25181-1012	10GE-12FJX90L	7100-07245	5/8	15.8	1 1/16-12	15/16	—	1 1/4	—	3.78	96.0	3.35	85.0	1.87	47.5
G25181-1212	12G-12FJX90L	7103-47465	3/4	19.0	1 1/16-12	—	26.9	—	32.0	3.80	96.0	4.80	122.0	2.80	71.4
G25181-1616	16GE-16FJX90L	7100-02085	1	25.4	1 5/16-12	1 3/8	—	1 1/2	—	4.33	110.0	4.52	114.9	2.29	58.1
G25181-2020	20G-20FJX90L	7103-41585	1/4	31.7	1 5/8-12	—	44.4	—	50.0	5.08	129.0	6.22	158.0	3.90	99.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
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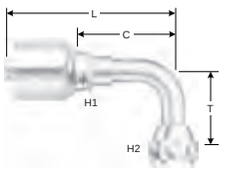
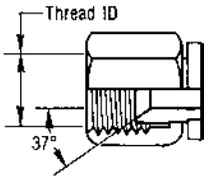
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

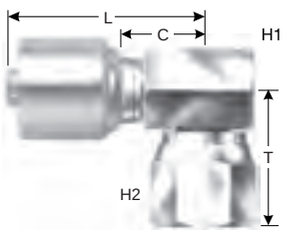
Female JIC 37° Flare Swivel - 90° Extra Long Bent Tube

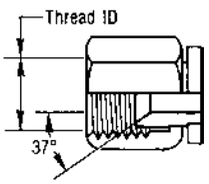




Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H1 mm	H2 "	H2 mm	T "	T mm	L "	L mm	C "	C mm
STANDARD PACK															
G25183-0810	8GE-10FJX90-089	7100-01805	1/2	12.7	7/8-14	13/16	—	1	—	3.50	89.0	3.65	92.8	2.18	55.3
G25183-1216	12GE-16FJX90-074	7100-11705	3/4	19.0	1 5/16-12	1 3/8	—	1 1/2	—	2.91	74.0	4.77	121.3	2.77	70.3
G25183-2020	20GE-20FJX90-070	7100-07255	1 1/4	31.7	1 1/4	1 3/4	—	2	—	2.75	70.0	6.22	158.0	3.90	99.0

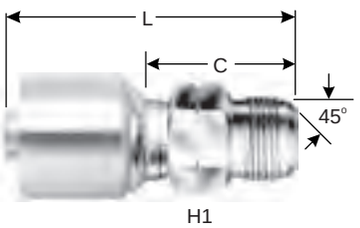
Female JIC 37° Flare Swivel - 90° Block

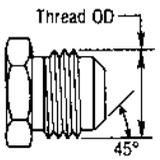




Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H1 mm	H2 "	H2 mm	T "	T mm	L "	L mm	C "	C mm
STANDARD PACK															
G25187-1216	12GE-16FJX90BL	7101-50545	3/4	19.0	1 5/16-12	1 3/8	—	1 1/2	—	2.09	53.2	3.74	95.0	1.76	44.0

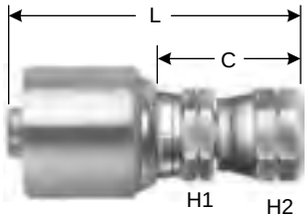
Male SAE 45° Flare

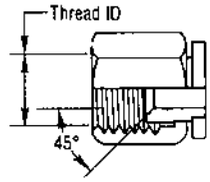




Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G25195-0404	4G-4MS	7100-11815	1/4	6.4	7/16-20	1/2	—	2.11	53.5	1.08	27.5
G25195-0405	4G-5MS	7100-11825	1/4	6.4	1/2-20	1/2	—	2.16	54.8	1.13	28.8
G25195-0606	6G-6MS	7100-11835	3/8	9.5	5/8-18	5/8	—	2.28	58.0	1.19	30.1
G25195-0608	6G-8MS	7100-11845	3/8	9.5	3/4-16	11/16	—	2.42	61.4	1.32	33.4
G25195-0808	8G-8MS	7100-01855	1/2	12.7	3/4-16	13/16	—	2.78	70.5	1.30	33.0
G25195-0810	8G-10MS	7100-01865	1/2	12.7	7/8-14	7/8	—	2.89	73.5	1.42	36.0
G25195-1212	12G-12MS	7100-01875	3/4	19.0	1 1/16-14	1 1/16	—	3.78	96.0	1.77	45.0

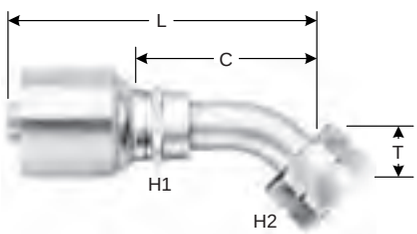
Female SAE 45° Flare Swivel

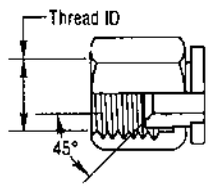




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G25200-0404	4G-4FSX	7100-11885	1/4	6.4	7/16-20	1/2	9/16	2.24	57.0	1.22	31.0
G25200-0405	4G-5FSX	7100-11895	1/4	6.4	1/2-20	1/2	11/16	2.21	56.2	1.19	30.2
G25200-0406	4G-6FSX	7100-11905	1/4	6.4	5/8-18	5/8	3/4	2.31	58.7	1.28	32.6
G25200-0506	5G-6FSX	7100-11935	5/16	7.9	5/8-18	5/8	3/4	2.44	62.1	1.34	34.1
G25200-0606	6G-6FSX	7100-11915	3/8	9.5	5/8-18	5/8	3/4	2.45	62.1	1.35	34.2
G25200-0608	6G-8FSX	7100-11925	3/8	9.5	3/4-16	11/16	7/8	2.48	63.1	1.38	35.1
G25200-0808	8G-8FSX	7100-01935	1/2	12.7	3/4-16	13/16	7/8	2.82	71.6	1.34	34.1
G25200-0810	8G-10FSX	7100-01945	1/2	12.7	7/8-14	13/16	1 1/16	2.99	75.9	1.51	38.4
G25200-1212	12G-12FSX	7100-01955	3/4	19.0	1 1/16-14	1 1/16	1 1/4	3.68	93.5	1.67	42.5

Female SAE 45° Flare Swivel - 45° Bent Tube



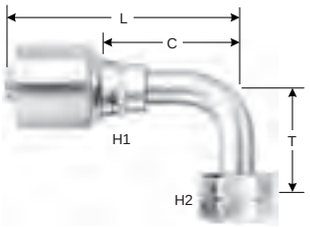


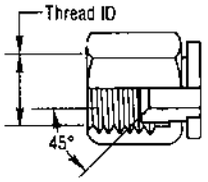
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G25202-0404	4G-4FSX45	7100-11965	1/4	6.4	7/16-20	1/2	1 9/16	.33	8.4	2.34	59.5	1.32	33.5
G25202-0405	4G-5FSX45-009	7100-01965	1/4	6.4	1/2-20	5/8	1 1/6	.36	9.1	2.63	66.9	1.61	40.9
G25202-0606	6G-6FSX45	7100-11995	3/8	9.5	5/8-18	5/8	3/4	.39	9.9	2.74	69.5	1.64	41.6
G25202-0608	6G-8FSX45-014	7100-02035	3/8	9.5	3/4-16	5/8	7/8	.55	14.0	3.46	87.8	2.36	59.9
G25202-0808	8G-8FSX45	7100-02015	1/2	12.7	3/4-16	13/16	7/8	.55	14.0	3.31	84.0	1.83	46.5
G25202-0810	8G-10FSX45-016	7100-02055	1/2	12.7	7/8-14	13/16	1	.75	19.1	3.66	93.1	2.19	55.6
G25202-1212	12G-12FSX45	7100-02045	3/4	19.1	1 1/16-14	1 1/16	1 1/4	.78	19.8	4.37	111.0	2.36	60.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

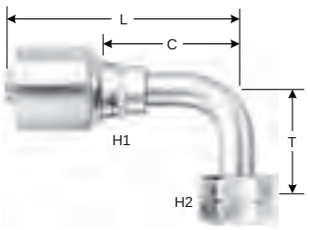
Female SAE 45° Flare Swivel - 90° Short Bent Tube

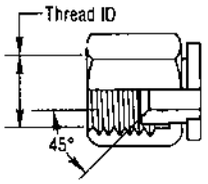




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G25204-0506	5G-6FSX90-022	7100-02005	5/16	7.9	5/8-18	5/8	3/4	.85	2.2	2.77	70.4	1.67	42.4
G25204-0810	8G-10FSX90-031	7100-02065	1/2	12.7	7/8-14	13/16	1	1.23	31.2	3.29	83.5	1.81	46.0

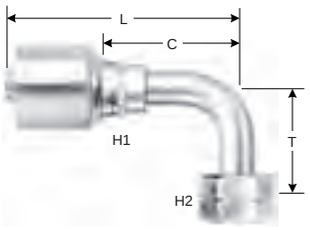
Female SAE 45° Flare Swivel - 90° Medium Bent Tube

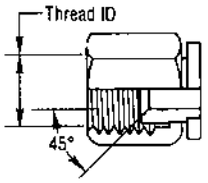




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G25205-0404	4G-4FSX90	7100-12055	1/4	6.4	7/16-20	1/2	9/16	1.24	31.5	2.05	52.0	1.02	26.0
G25205-0405	4G-5FSX90-046	7100-01985	1/4	6.4	1/2-20	1/2	5/8	.85	21.6	2.47	62.8	1.45	36.8
G25205-0606	6G-6FSX90	7100-12105	3/8	9.5	5/8-18	5/8	3/4	1.52	38.5	2.36	60.0	1.26	32.1
G25205-0608	6G-8FSX90	7100-02125	3/8	9.5	3/4-16	5/8	7/8	1.75	44.5	2.50	63.5	1.40	35.6
G25205-0808	8G-8FSX90	7100-02135	1/2	12.7	3/4-16	13/16	7/8	1.75	44.5	2.93	74.5	1.46	37.0
G25205-1212	12G-12FSX90	7100-02185	3/4	19.0	1 1/16-14	1 1/16	1 1/4	2.78	70.5	3.94	100.0	1.93	49.0

Female SAE 45° Flare Swivel - 90° Long Bent Tube

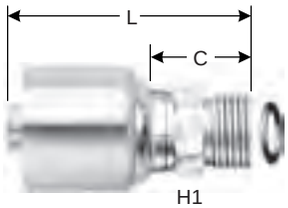


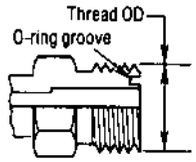


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G25206-0606	6G-6FSX90-055	7100-01995	3/8	9.5	5/8-18	5/8	3/4	2.18	55.4	2.83	71.8	1.73	43.9

Male Flat-Face O-Ring

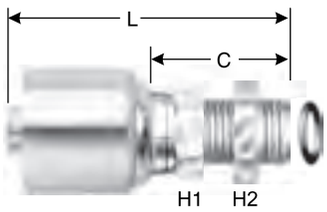
SAE J1453 Captive O-Ring Groove for Improved O-Ring Retention.

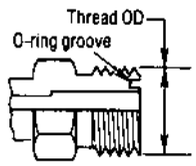




Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G25225-0404	4G-4MFFOR	7104-16045	1/4	6.4	9/16-18	—	17.0	—	—	1.91	48.5	.89	22.5
G25225-0406	4G-6MFFOR	7104-16055	1/4	6.4	11/16-16	—	19.0	—	—	2.13	54.0	1.10	28.0
G25225-0506	5G-6MFFOR	7104-16065	5/16	7.9	11/16-16	—	19.0	—	—	2.20	56.0	1.10	28.0
G25225-0606	6G-6MFFOR	7104-16075	3/8	9.5	11/16-16	—	19.0	—	—	2.20	56.0	1.11	28.1
G25225-0608	6G-8MFFOR	7104-16085	3/8	9.5	13/16-16	—	22.0	—	—	2.32	59.0	1.22	31.1
G25225-0610	6G-10MFFOR	7104-16095	3/8	9.5	1-14	—	27.0	—	—	2.52	64.0	1.42	36.1
G25225-0808	8G-8MFFOR	7104-16115	1/2	12.7	13/16-16	—	22.0	—	—	2.69	68.2	1.21	30.7
G25225-0810	8G-10MFFOR	7104-16125	1/2	12.7	1-14	—	27.0	—	—	2.87	73.0	1.40	35.5
G25225-0812	8G-12MFFOR	7104-16135	1/2	12.7	1 3/16-12	—	32.0	—	—	3.01	76.5	1.53	39.0
G25225-1010	10G-10MFFOR	7104-16155	5/8	15.8	1-14	—	27.0	—	—	2.70	68.5	1.22	31.0
G25225-1012	10G-12MFFOR	7104-16165	5/8	15.8	1 3/16-12	—	32.0	—	—	2.83	72.0	1.36	34.5
G25225-1212	12G-12MFFOR	7104-16185	3/4	19.0	1 3/16-12	—	32.0	—	—	3.54	90.0	1.54	39.0
G25225-1216	12G-16MFFOR	7104-16195	3/4	19.0	1 7/16-12	—	41.0	—	—	3.74	95.0	1.73	44.0
G25225-1616	16G-16MFFOR	7104-16215	1	25.4	1 7/16-12	—	41.0	—	—	4.02	102.0	1.78	45.2
G25225-1620	16G-20MFFOR	7104-16225	1	25.4	1 11/16-12	—	46.0	—	—	4.13	105.0	1.90	48.2
G25225-2020	20G-20MFFOR	7104-16245	1 1/4	31.7	1 11/16-12	—	46.0	—	—	4.29	109.0	1.97	50.0

Male Flat-Face O-Ring Bulk Head Long Nose



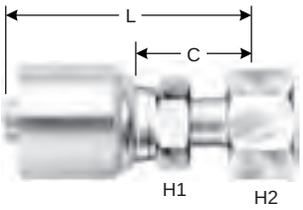


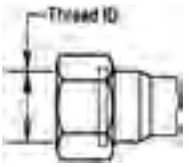
Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G25226-0606	6G-6MFFORBKHDLN	7104-17075	3/8	9.5	11/16-16	1.06	1.06	3.07	78.0	1.97	50.0
G25226-0808	8G-8MFFORBKHDLN	7104-17115	1/2	12.7	3/16-16	1 1/8	1 1/8	3.55	90.2	2.07	52.6

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Flat-Face O-Ring Swivel

SAE J1453 O-Ring Face Seal.

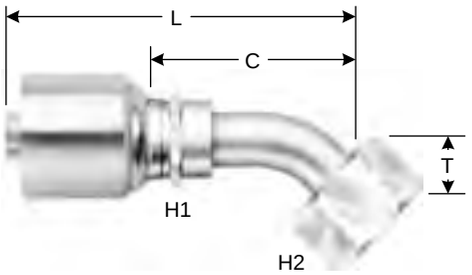


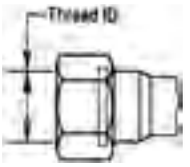


Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H1 mm	H2 "	H2 mm	L "	L mm	C "	C mm
STANDARD PACK													
G25230-0404	4G-4FFORX	7104-18045	1/4	6.4	9/16-18	—	—	—	17.0	2.20	57.0	1.30	31.0
G25230-0406	4G-6FFORX	7104-18055	1/4	6.4	1 1/16-16	—	—	—	22.0	2.70	68.5	1.30	31.0
G25230-0408	4G-8FFORX	7104-19065	1/4	6.4	13/16-16	—	—	—	—	3.90	96.7	2.88	70.7
G25230-0506	5GE-6FFORX	7102-04015	5/16	7.9	11/16-16	5/8	—	13/16	—	2.70	68.5	1.22	31.0
G25230-0604	6G-4FFORX	7104-19085	3/8	9.5	9/16-18	—	—	—	17.0	2.70	68.7	1.30	33.0
G25230-0606	6G-6FFORX	7104-18095	3/8	9.5	1 1/16-16	—	—	—	22.0	2.40	61.5	1.30	33.6
G25230-0608	6G-8FFORX	7104-18105	3/8	9.5	1 3/16-16	—	—	—	24.0	2.70	69.5	1.30	32.0
G25230-0806	8G-6FFORX	7104-19145	1/2	12.7	11/16-16	—	20.6	—	22.0	2.74	69.5	1.26	32.0
G25230-0808	8G-8FFORX	7104-18155	1/2	12.7	13/16-16	—	20.6	—	24.0	2.89	73.5	1.42	36.0
G25230-0810	8G-10FFORX	7104-18165	1/2	12.7	1-14	—	23.8	—	30.0	3.19	81.0	1.71	43.5
G25230-0812	8G-12FFORX	7104-18175	1/2	12.7	1 3/16-12	—	20.6	—	32.0	3.32	84.3	1.84	46.8
G25230-1008	10GE-8FFORX	7102-04175	5/8	15.8	16/16-16	15/16	—	1 3/8	—	3.30	83.7	1.80	46.0
G25230-1010	10GE-10FFORX	7102-03185	5/8	15.8	1-14	1	—	1 1/8	—	3.21	81.5	1.73	44.0
G25230-1012	10GE-12FFORX	7102-03195	5/8	15.8	1 3/16-12	15/16	—	1 3/8	—	3.31	84.0	1.83	46.5
G25230-1210	12GE-10FFORX	7102-03205	3/4	19.0	1-14	1 1/16	—	1 1/8	—	3.76	95.5	1.75	44.5
G25230-1212	12G-12FFORX	7104-18255	3/4	19.0	1 3/16-12	—	30.0	—	30.0	3.70	95.1	1.70	44.1
G25230-1216	12G-16FFORX	7104-18265	3/4	19.0	1 3/16-12	—	30.0	—	36.0	3.60	92.8	1.70	41.8
G25230-1612	16GE-12FFORX	7102-13185	1	25.4	1 3/16-12	1 3/8	—	1 3/8	—	4.17	106.0	1.94	49.2
G25230-1616	16GE-16FFORX	7102-03925	1	25.4	1 7/16-12	1 3/8	—	1 5/8	—	4.46	113.4	2.23	56.6
G25230-1620	16GE-20FFORX	7102-03935	1	25.4	1 11/16-12	1 3/8	—	1 5/8	—	4.46	113.4	2.23	56.6
G25230-2020	20GE-20FFORX	7102-03945	1 1/4	31.7	1 11/16-12	1 3/4	—	1 7/8	—	4.50	114.4	2.18	55.4
G25230-2024	20G-24FFORX	7104-19385	1 1/4	31.8	2-12	—	50.0	—	60.0	4.47	113.8	2.05	52.3

Female Flat-Face O-Ring Swivel - 45° Short Bent Tube

SAE J1453 O-Ring Face Seal.



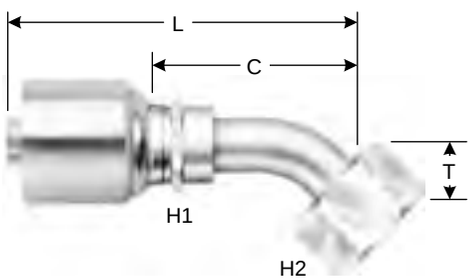


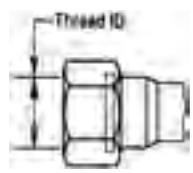
Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H1 mm	H2 "	H2 mm	T "	T mm	L "	L mm	C "	C mm
STANDARD PACK															
G25234-0806	8G-6FFORX45S	7104-22125	1/2	12.7	11/16-16	—	20.6	—	22.0	.43	11.0	3.57	90.7	2.09	53.2

Female Flat-Face O-Ring Swivel - 45° Short Bent Tube - Cont'd

Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	T		L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
G25235-0404	4G-4FFORX45S	7104-22045	1/4	6.4	9/16-18	—	12.7	—	17.0	.39	10.0	2.57	65.2	1.54	39.2
G25235-0406	4G-6FFORX45S	7104-22055	1/4	6.4	11/16-16	—	12.7	—	22.0	.43	11.0	2.70	68.5	1.67	42.5
G25235-0506	5G-6FFORX45S	7104-22335	5/16	7.9	11/16-16	—	15.9	—	22.0	.43	11.0	2.73	69.4	1.63	41.4
G25235-0604	6G-4FFORX45S	7104-22075	3/8	9.5	9/16-18	—	12.7	—	17.0	.39	10.0	2.60	68.5	1.50	42.5
G25235-0606	6G-6FFORX45S	7104-22085	3/8	9.5	11/16-16	—	15.9	—	22.0	.43	11.0	2.75	69.8	1.65	41.9
G25235-0608	6G-8FFORX45S	7104-22095	3/8	9.5	13/16-16	—	24.0	—	—	.59	15.0	3.35	85.2	2.26	57.3
G25235-0808	8G-8FFORX45S	7104-22135	1/2	12.7	13/16-16	—	—	—	24.0	.59	15.0	3.50	89.0	2.03	51.6
G25235-0810	8G-10FFORX45S	7104-22145	1/2	12.7	1-14	—	20.6	—	30.0	.63	16.0	3.98	101.0	2.50	63.5
G25235-0812	8G-12FFORX45S	7104-22155	1/2	12.7	1 3/16-12	—	—	—	36.0	.83	21.0	4.34	110.3	2.87	72.8
G25235-1008	10G-8FFORX45S	7104-22165	5/8	15.9	13/16-16	—	23.8	—	24.0	.59	15.0	3.80	96.8	2.32	59.2
G25235-1010	10G-10FFORX45S	7104-22175	5/8	15.8	1-14	—	23.8	—	30.0	.59	16.0	3.96	100.5	2.50	63.0
G25235-1012	10GE-12FFORX45	7102-03335	5/8	15.8	1 3/16-12	15/16	—	1 3/8	—	.83	21.1	3.90	99.1	2.42	61.5
G25235-1210	12G-10FFORX45S	7104-22215	3/4	19.1	1-14	23.80	—	—	30.0	.63	16.0	4.14	113.0	2.49	61.5
G25235-1212	12G-12FFORX45S	7104-22225	3/4	19.1	1 3/16-12	—	27.0	—	36.0	.83	21.0	4.66	118.4	2.65	67.4
G25235-1216	12G-16FFORX45S	7104-22235	3/4	19.1	1 7/16-12	—	27.0	—	41.0	.94	24.0	4.80	122.0	2.80	71.0
G25235-1616	16G-16FFORX45S	7104-22265	1	25.4	1 7/16-12	—	34.9	—	41.0	.94	24.0	5.78	146.9	3.55	90.1
G25235-2020	20G-20FFORX45S	7104-22295	1 1/4	31.8	1 11/16-12	—	44.5	—	50.0	.98	25.0	6.22	158.0	3.90	99.0

Female Flat-Face O-Ring Swivel - 67½° Bent Tube

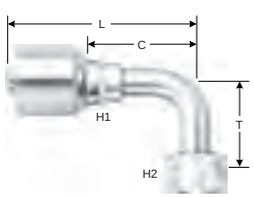


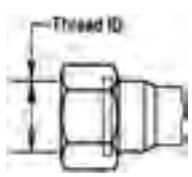


Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	T		L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G25238-0808	8GE-8FFORX67-022	7102-03775	1/2	12.7	13/16-16	13/16	—	15/16	—	.59	15.0	3.50	89.0	2.03	51.5

Female Flat-Face O-Ring Swivel - 90° Short Bent Tube

SAE J1453 O-Ring Face Seal.





Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	T		L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G25239-0404	4G-4FFORX90S	7104-24045	1/4	6.4	9/16-18	—	—	—	17.0	.83	21.0	2.37	60.2	1.35	34.4

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

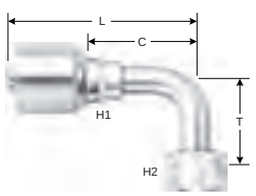
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

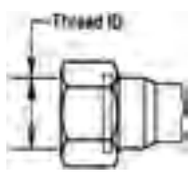
Female Flat-Face O-Ring Swivel - 90° Short Bent Tube - Cont'd

Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	T		L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
G25239-0406	4GE-6FFORX90S	7102-13415	1/4	6.4	11/16-16	1/2	—	13/16	22.0	.90	22.9	2.50	63.4	1.47	37.3
G25239-0408	4G-8FFORX90S	7104-24145	1/4	6.4	13/16-16	—	—	—	24.0	1.14	29.0	2.86	72.7	1.80	46.0
G25239-0506	5G-6FFORX90S	7104-24955	5/16	7.9	11/16-16	—	—	—	22.0	.91	23.0	2.83	72.0	1.73	44.0
G25239-0604	6G-4FFORX90S	7104-24195	3/8	9.5	9/16-18	—	—	—	17.0	.73	21.0	2.42	61.4	1.32	33.6
G25239-0606	6G-6FFORX90S	7104-24245	3/8	9.5	11/16-16	—	—	—	22.0	.91	23.0	2.85	72.5	1.76	44.6
G25239-0608	6G-8FFORX90S	7104-24295	3/8	9.5	13/16-16	—	—	—	24.0	1.14	29.0	2.87	73.0	1.78	45.1
G25239-0806	8G-6FFORX90S	7104-24345	1/2	12.7	11/16-16	—	—	—	24.0	.91	23.0	3.29	83.5	1.81	46.0
G25239-0808	8G-8FFORX90S	7104-24395	1/2	12.7	13/16-16	—	—	—	24.0	.91	23.0	3.30	83.9	1.83	46.5
G25239-0810	8G-10FFORX90S	7104-24445	1/2	12.7	1-14	—	—	—	30.0	1.26	32.0	3.66	92.9	2.18	55.4
G25239-0812	8GE-12FFORX90S	7102-04135	1/2	12.7	1 3/16-12	15/16	—	1 3/8	36.0	1.83	46.6	4.06	103.1	2.58	65.6
G25239-1008	10G-8FFORX90S	7104-24495	5/8	15.9	13/16-16	—	—	—	24.0	1.14	29.0	3.64	92.4	2.16	54.9
G25239-1010	10GE-10FFORX90S	7102-03575	5/8	15.8	1-14	15/16	—	1 1/8	30.0	1.27	32.3	3.28	83.4	1.81	45.9
G25239-1012	10G-12FFORX90S	7104-24595	5/8	15.9	1 3/16-12	—	—	—	36.0	1.89	48.0	3.79	96.3	2.31	58.8
G25239-1210	12G-10FFORX90S	7104-24635	3/4	19.1	1-14	—	—	—	36.0	1.26	32.0	4.09	104.0	2.09	53.0
G25239-1212	12G-12FFORX90S	7104-24645	3/4	19.1	1 3/16-12	—	—	—	36.0	1.89	48.0	4.29	109.0	2.28	58.0
G25239-1216	12G-16FFORX90S	7104-24695	3/4	19.1	1 7/16-12	—	—	—	41.0	2.20	56.0	5.06	128.5	3.05	77.5
G25239-1612	16G-12FFORX90S	7104-24735	1	25.4	1 3/16-12	—	—	—	36.0	1.89	48.0	5.10	129.4	2.86	72.6
G25239-1616	16G-16FFORX90S	7104-24745	1	25.4	1 7/16-12	—	—	—	41.0	2.20	56.0	5.11	129.9	2.88	73.1
G25239-1620	16G-20FFORX90S	7104-24905	1	25.4	1 11/16-12	—	—	—	50.0	3.07	28.0	5.98	156.0	3.91	99.2
G25239-2020	20G-20FFORX90S	7104-24795	1	25.4	1 11/16-12	—	—	—	50.0	3.07	78.0	5.98	156.0	3.91	99.2

Female Flat-Face O-Ring Swivel - 90° Medium Bent Tube

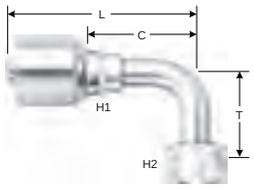
SAE J1453 O-Ring Face Seal.

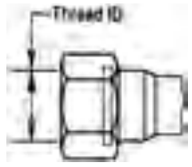




Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	T		L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G25240-0404	4G-4FFORX90M	7104-24055	1/4	6.4	9/16-18	—	12.7	—	17.0	1.26	32.0	2.21	56.2	1.90	30.2
G25240-0406	4G-6FFORX90M	7104-24105	1/4	6.4	11/16-16	—	12.7	—	22.0	1.50	38.0	2.50	63.4	1.47	37.4
G25240-0606	6G-6FFORX90M	7104-24255	3/8	9.5	11/16-16	—	15.9	—	22.0	1.50	38.0	2.50	63.6	1.41	35.7
G25240-0608	6G-8FFORX90M	7104-24305	3/8	9.5	13/16-16	—	15.9	—	24.0	1.61	41.0	2.70	68.5	1.60	40.6
G25240-0808	8GE-8FFORX90M	7102-04345	1/2	12.7	13/16-16	13/16	—	15/16	—	1.62	41.2	3.19	80.9	1.71	43.4
G25240-0810	8G-10FFORX90M	7104-24455	1/2	12.7	1-14	—	20.6	—	30.0	1.85	47.0	3.67	93.2	2.19	55.7
G25240-1010	10G-10FFORX90M	7104-24555	5/8	15.9	1-14	—	23.8	—	30.0	1.85	47.0	3.65	92.8	2.18	55.3
G25240-1212	12GE-12FFORX90M	7102-03625	3/4	19.0	1 3/16-12	1 1/16	—	1 3/8	—	2.28	57.9	4.20	106.8	2.20	55.8
G25240-1616	16G-16FFORX90M	7104-24755	1	25.4	1 7/16-12	—	34.9	—	41.0	2.80	71.0	5.08	129.9	2.88	73.1
G25240-1620	16G-20FFORX90M	7104-24915	1	25.4	1 11/16-12	—	38.1	—	41.0	3.07	78.0	6.14	156.0	3.91	99.2
G25240-2020	20G-20FFORX90M	7104-24805	1 1/4	31.7	1 11/16-12	—	44.5	—	50.0	3.07	78.0	5.51	140.0	3.19	81.0

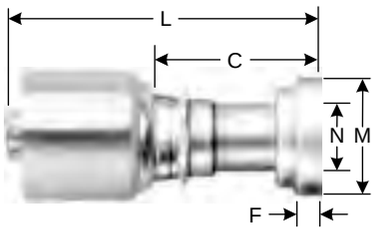
Female Flat-Face O-Ring Swivel - 90° Long Bent Tube





Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	T		L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G25241-0404	4G-4FFORX90L	7104-24065	1/4	6.4	9/16-18	—	12.7	—	17.0	1.81	46.0	2.21	56.2	1.19	30.2
G25241-0406	4G-6FFORX90L	7104-24115	1/4	6.4	11/16-16	—	12.7	—	22.0	2.13	54.0	2.43	61.6	1.40	35.6
G25241-0408	4G-8FFORX90L	7104-24165	1/4	6.4	13/16-16	—	—	—	22.0	2.52	64.0	2.64	67.1	1.62	41.1
G25241-0606	6G-6FFORX90L	7104-24265	3/8	9.5	11/16-16	—	15.9	—	22.0	2.13	54.0	2.73	69.3	1.63	41.4
G25241-0608	6G-8FFORX90L	7104-24315	3/8	9.5	13/16-16	—	15.9	—	22.0	2.52	64.0	2.72	69.0	1.62	41.1
G25241-0806	8G-6FFORX90L	7104-24365	1/2	12.7	11/16-16	—	20.6	—	22.0	2.12	54.0	3.15	80.3	1.62	41.4
G25241-0808	8G-8FFORX90L	7104-24415	1/2	12.7	13/16-16	—	—	—	24.0	2.52	64.0	3.30	83.9	1.83	46.5
G25241-0810	8G-10FFORX90L	7104-24465	1/2	12.7	1-14	—	20.6	—	30.0	2.76	70.0	3.57	90.6	2.09	53.1
G25241-1008	10G-8FFORX90L	7104-24515	5/8	15.9	13/16-16	—	23.8	—	24.0	2.52	64.0	3.64	92.4	2.16	54.9
G25241-1010	10G-10FFORX90L	7104-24565	5/8	15.9	1-14	—	23.8	—	30.0	2.76	70.0	3.55	90.2	2.07	52.7
G25241-1212	12G-12FFORX90L	7104-24665	3/4	19.1	1 3/16-12	—	27.0	—	36.0	3.78	96.0	4.65	118.2	2.64	67.2
G25241-1616	16G-16FFORX90L	7104-24765	1	25.4	1 7/16-12	—	34.9	—	41.0	4.49	114.0	5.08	129.9	2.88	73.1
G25241-2020	20G-20FFORX90L	7104-24815	1 1/4	31.7	1 11/16-12	—	44.5	—	50.0	5.08	129.0	5.51	140.0	3.19	81.0

Code 61 O-Ring Flange

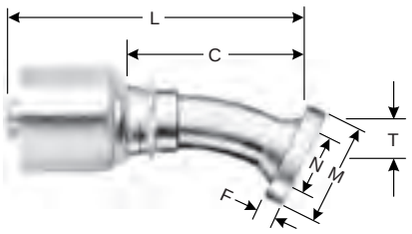


Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G25300-0808	8G-8FL	7103-25055	1/2	12.7	1/2	1.19	30.2	3.15	80.0	1.67	42.5	.27	6.7
G25300-0810	8G-10FLK	7100-03805	1/2	12.7	5/8	1.35	34.2	3.15	80.0	1.67	42.5	.27	6.7
G25300-0812	8G-12FL	7103-25105	1/2	12.7	3/4	1.50	38.1	3.15	80.0	1.67	42.5	.27	6.7
G25300-1010	10G-10FLK	7100-03825	5/8	15.8	5/8	1.35	34.2	4.69	119.0	3.21	81.5	.27	6.7
G25300-1212	12G-12FL	7103-25205	3/4	19.0	3/4	1.50	38.1	3.86	98.0	1.85	47.0	.27	6.7
G25300-1216	12G-16FL	7103-25255	3/4	19.0	1	1.75	44.5	3.50	88.8	1.49	37.8	.32	8.0
G25300-1612	16G-12FL	7103-25295	1	25.4	3/4	1.50	38.1	5.04	128.0	2.80	71.2	.27	6.7
G25300-1616	16G-16FL	7103-25305	1	25.4	1	1.75	44.5	4.13	105.0	1.90	48.2	.32	8.0
G25300-1620	16G-20FL	7103-25355	1	25.4	1 1/4	2.00	50.8	4.13	105.0	1.90	48.2	.32	8.0
G25300-1624	16G-24FL	7100-03875	1	25.4	1 1/2	2.38	60.5	3.76	95.8	1.53	39.1	.32	8.0
G25300-2020	20G-20FL	7103-25405	1 1/4	31.7	1 1/4	2.00	50.8	4.43	112.5	2.11	53.5	.32	8.0
G25300-2024	20G-24FL	7103-25455	1 1/4	31.7	1 1/2	2.38	60.5	4.63	117.5	2.30	58.5	.32	8.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

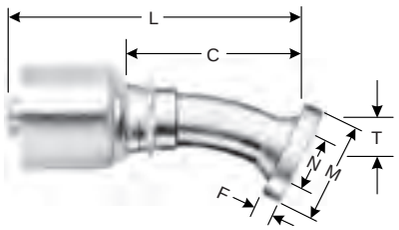
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 61 O-Ring Flange - 22½° Bent Tube



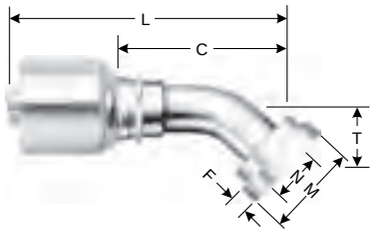
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G25302-1212	12G-12FL22M	7103-26155	3/4	19.0	3/4	1.50	38.1	.44	11.2	4.47	113.5	2.46	62.5	.27	6.9
G25302-1216	12G-16FL22M-014	7100-03955	3/4	19.0	1	1.75	44.5	.55	14.0	4.76	121.0	2.76	70.0	.32	8.0
G25302-1616	16G-16FL22M	7103-26255	1	25.4	1 7/16-12	1.75	44.5	.44	11.2	4.84	123.0	2.61	66.2	.32	8.0
G25302-2020	20G-20FL22M	7103-26355	1 1/4	31.7	1 11/16-12	2.00	50.8	.50	12.7	5.18	131.5	2.85	72.5	.32	8.0

Code 61 O-Ring Flange - 30° Bent Tube



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G25304-1212	12G-12FL30M	7103-26655	3/4	19.0	3/4	1.50	38.1	1.00	25.4	4.67	118.5	2.66	67.5	.32	8.0
G25304-1216	12G-16FL30M	7100-04045	3/4	19.0	1	1.75	44.5	.75	19.0	4.88	124.0	2.87	73.0	.32	8.0
G25304-1616	16G-16FL30M	7103-26755	1	25.4	1	1.75	44.5	.62	15.7	4.92	125.0	2.69	68.2	.32	8.0
G25304-2020	20G-20FL30S	7103-26845	1 1/4	31.7	1 1/4	2.00	50.8	.79	20.0	6.03	153.4	3.72	94.4	.32	8.0

Code 61 O-Ring Flange - 45° Bent Tube

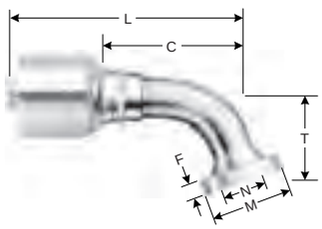


Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G25306-1216	12G-16FL45S	7103-27315	3/4	19.0	1	1.75	44.4	1.00	25.4	4.67	118.5	2.66	67.5	.32	8.0

Code 61 O-Ring Flange - 45° Bent Tube - Cont'd

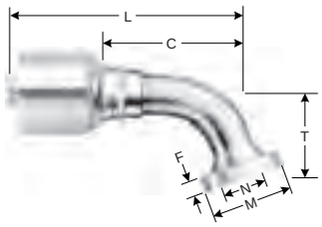
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
G25306-1616	16G-16FL45S	7103-27395	1	25.4	1	1.75	44.4	1.06	26.9	5.11	129.7	2.87	72.9	.32	8.0
G25306-1620	16G-20FL45S	7103-27475	1	25.4	1 1/4	2.00	50.8	1.06	26.9	5.10	129.5	2.86	72.7	.32	8.0
G25306-2020	20G-20FL45S	7103-27555	1 1/4	31.7	1 1/4	2.00	50.8	1.15	29.2	5.59	142.0	3.27	83.0	.32	8.0
G25307-0808	8G-8FL45M	7103-27085	1/2	12.7	1/2	1.19	30.2	.78	19.8	3.70	94.0	2.22	56.5	.26	6.9
G25307-0812	8G-12FL45M	7103-27165	1/2	12.7	3/4	1.50	38.1	.78	19.8	3.70	94.0	2.22	56.5	.27	6.9
G25307-1010	10G-10FLK45	7100-04155	5/8	15.8	5/8	1.35	34.1	1.02	26.0	4.19	106.5	2.72	69.0	.27	6.9
G25307-1212	12G-12FL45M	7103-27245	3/4	19.0	3/4	1.50	38.1	1.00	25.4	4.67	118.5	2.66	67.5	.27	6.9

Code 61 O-Ring Flange - 60° Bent Tube



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G25308-2020	20G-20FL60S	7103-28345	1 1/4	31.7	1 1/4	2.00	50.8	1.77	45.0	6.22	158.0	3.90	99.0	.32	8.0
G25309-1212	12G-12FL60M	7103-28155	3/4	19.0	3/4	1.50	38.1	1.41	35.8	4.61	117.0	2.60	66.0	.27	6.9
G25309-1216	12G-16FL60M	7103-28205	3/4	19.0	1	1.75	44.5	1.73	44.0	4.80	122.0	2.80	71.0	.32	8.0
G25309-1616	16G-16FL60M	7103-28255	1	25.4	1	1.75	44.5	1.73	44.0	5.85	148.5	3.61	91.7	.32	8.0

Code 61 O-Ring Flange - 67½° Bent Tube

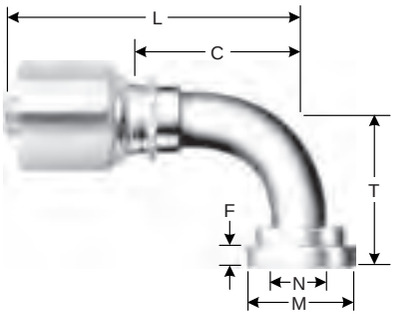


Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G25311-1212	12G-12FL67M	7100-04355	3/4	19.0	3/4	1.50	38.1	1.65	42.0	4.65	118.0	2.64	67.0	.27	6.9
G25311-2020	20G-20FL67S	7100-04335	1 1/4	31.7	1 1/4	2.00	50.8	2.01	51.0	5.92	150.4	3.60	91.4	.32	8.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

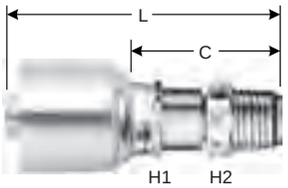
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

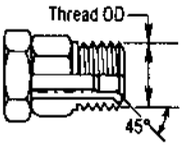
Code 61 O-Ring Flange - 90° Bent Tube



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G25314-1216	12G-16FL90S	7103-29585	3/4	19.0	1	1.75	44.4	2.13	54.1	4.40	111.7	2.39	60.7	.32	8.0
G25314-1616	16G-16FL90S	7103-29705	1	25.4	1	1.75	44.4	2.38	60.5	5.04	128.1	2.81	71.3	.32	8.0
G25314-1620	16G-20FL90S	7103-29765	1	25.4	1 1/4	2.00	50.8	2.38	60.5	5.04	128.1	2.81	71.3	.32	8.0
G25314-1624	16G-24FL90S-081	7100-04555	1	25.4	1/2	2.38	60.5	3.19	81.0	5.57	141.6	3.34	84.8	.32	8.0
G25314-2020	20G-20FL90S	7103-29885	1 1/4	31.7	1 1/4	2.00	50.8	3.98	101.0	5.43	138.0	3.11	79.0	.32	8.0
G25314-2024	20G-24FL90S	7103-29945	1 1/4	31.7	1 1/2	2.38	60.5	2.62	66.5	5.67	144.0	3.35	85.0	.32	8.0
G25315-0808	8G-8FL90M	7103-29115	1/2	12.7	1/2	1.19	30.1	1.63	41.4	3.59	91.2	2.11	53.7	.27	6.9
G25315-0812	8G-12FL90M	7103-29235	1/2	12.7	3/4	1.50	38.1	1.63	41.4	3.60	91.5	2.13	54.0	.27	6.9
G25315-1010	10G-10FLK90	7100-04475	5/8	15.9	5/8	1.35	34.1	2.17	55.0	3.90	99.0	2.42	61.5	.27	6.9
G25315-1012	10G-12FL90M	7100-04485	5/8	15.9	3/4	1.50	38.1	2.28	58.0	3.94	100.0	2.46	62.5	.27	6.9
G25315-1212	12G-12FL90M	7103-29535	3/4	19.0	3/4	1.50	38.1	2.13	54.1	4.40	111.7	2.39	60.7	.27	6.7
G25315-1612	16G-12FL90M	7103-29655	1	25.4	3/4	1.50	38.1	1.97	50.0	5.09	129.3	2.85	72.5	.27	6.9
G25316-2020	20G-20FL90-102	7100-04565	1 1/4	31.7	1 1/4	2.00	50.8	2.62	66.5	5.41	137.5	3.09	78.5	.32	8.0

SAE Male Inverted Swivel

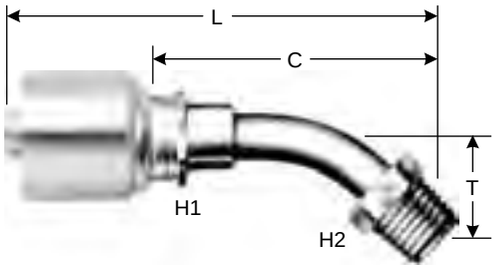


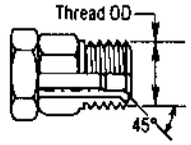


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G25500-0403	4G-3MIX	7100-16205	1/4	6.4	3/8-24	1/2	3/8	2.52	64.0	1.50	38.0
G25500-0404	4G-4MIX	7100-16225	1/4	6.4	7/16-24	1/2	7/16	2.52	63.9	1.49	37.9
G25500-0405	4G-5MIX	7100-16235	1/4	6.4	1/2-20	1/2	1/2	2.52	63.9	1.49	37.9
G25500-0604	6G-4MIX	7100-16185	3/8	9.5	7/16-20	5/8	7/16	2.63	66.9	1.54	39.0
G25500-0605	6G-5MIX	7100-16245	3/8	9.5	1/2-20	5/8	1/2	2.56	64.9	1.46	37.0
G25500-0606	6G-6MIX	7100-16255	3/8	9.5	5/8-18	5/8	5/8	2.75	69.9	1.65	42.0
G25500-0607	6G-7MIX	7100-16265	3/8	9.5	11/16-18	5/8	11/16	2.76	70.0	1.66	42.1
G25500-0806	8G-6MIX	7100-06275	1/2	12.7	5/8-18	13/16	5/8	3.13	79.5	1.65	42.0
G25500-0808	8G-8MIX	7100-06285	1/2	12.7	3/4-16	13/16	3/4	3.30	83.8	1.82	46.3
G25500-1010	10G-10MIX	7100-06295	5/8	15.9	7/8-18	5/8	7/8	3.91	99.5	2.44	62.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

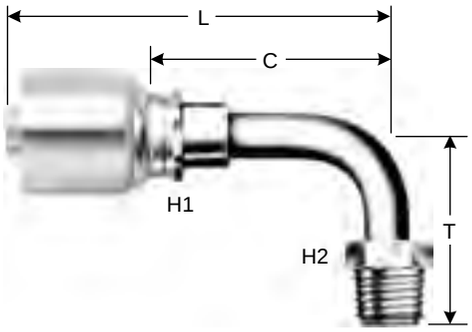
SAE Male Inverted Swivel - 45° Bent Tube

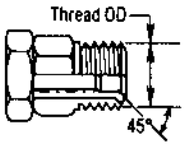




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G25502-0403	4G-3MIX45-018	7100-16275	1/4	6.4	3/8-24	1/2	3/8	.69	17.5	2.67	67.9	1.65	41.9
G25502-0604	6G-4MIX45	7100-16305	3/8	9.5	7/16-24	5/8	7/16	1.00	25.4	3.17	80.5	2.07	52.6
G25502-0605	6G-5MIX45	7100-16315	3/8	9.5	1/2-20	5/8	1/2	1.00	25.4	3.13	79.5	2.03	51.6
G25502-0606	6G-6MIX45	7100-16325	3/8	9.5	5/8-18	5/8	5/8	1.00	25.4	3.32	84.3	2.22	56.4
G25502-0607	6G-7MIX45	7100-16335	3/8	9.5	11/16-18	5/8	11/16	1.00	25.4	3.39	86.0	2.29	58.1
G25502-0808	8G-8MIX45	7100-16345	1/2	12.7	3/4-18	13/16	3/4	1.14	29.0	4.17	106.0	2.70	68.5
G25502-1010	10G-10MIX45	7100-16435	5/8	15.9	7/8-18	15/16	7/8	1.02	25.9	4.23	107.7	2.75	70.1

SAE Male Inverted Swivel - 90° Bent Tube

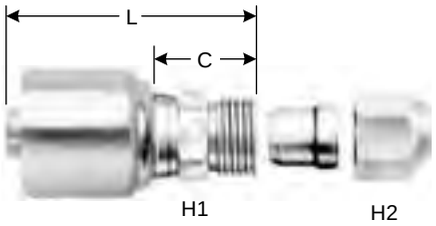


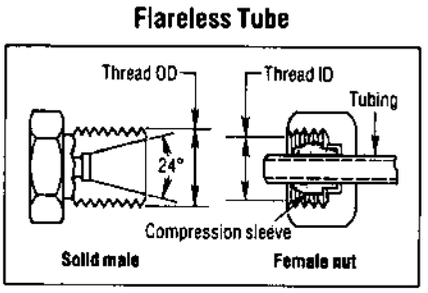


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G25504-0404	4G-4MIX90	7100-16355	1/4	6.4	7/16-24	1/2	7/16	1.38	35.1	2.33	59.2	1.31	33.2
G25504-0405	4G-5MIX90	7100-16365	1/4	6.4	1/2-20	1/2	1/2	1.38	35.1	2.46	62.5	1.44	36.5
G25504-0506	5G-6MIX90-035	7100-16385	5/16	7.9	5/8-18	5/8	5/8	1.38	35.1	2.78	70.5	1.67	42.5
G25504-0604	6G-4MIX90	7100-16395	3/8	9.5	7/16-24	5/8	7/16	1.38	35.1	2.44	62.0	1.34	34.1
G25504-0605	6G-5MIX90	7100-16405	3/8	9.5	1/2-20	5/8	1/2	1.38	35.1	2.50	63.5	1.40	35.6
G25504-0606	6G-6MIX90	7100-16415	3/8	9.5	5/8-18	5/8	5/8	1.38	35.1	2.80	71.0	1.70	43.1
G25504-0607	6G-7MIX90	7100-16425	3/8	9.5	11/16-18	5/8	11/16	1.38	35.1	2.80	71.0	1.70	43.1
G25504-0808	8G-8MIX90	7100-06435	1/2	12.7	3/4-18	13/16	3/4	1.64	41.7	3.29	83.5	1.81	46.0
G25504-1010	10G-10MIX90	7100-06335	5/8	15.9	7/8-18	15/16	7/8	1.81	46.0	3.87	98.6	2.40	61.2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

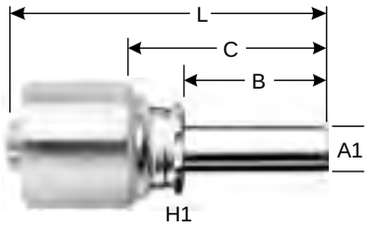
SAE Male Flareless Assembly

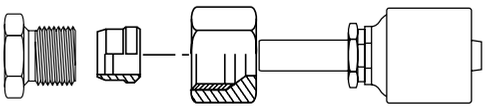




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G25510-0404	4G-4MFA	7100-16445	1/4	6.4	7/16-20	1/2	9/16	1.95	49.5	.93	23.5
G25510-0405	4G-5MFA	7100-16455	1/4	6.4	1/2-20	1/2	5/8	1.97	50.0	.94	24.0
G25510-0506	5G-6MFA	7100-16505	5/16	7.9	9/16-18	5/8	11/16	2.21	56.1	1.11	28.1
G25510-0604	6G-4MFA	7100-16465	3/8	9.5	7/16-20	5/8	7/8	20.50	52.0	.95	24.1
G25510-0605	6G-5MFA	7100-16475	3/8	9.5	1/2-20	5/8	5/8	2.16	55.0	1.07	27.1
G25510-0606	6G-6MFA	7100-16485	3/8	9.5	9/16-18	5/8	11/16	2.07	52.5	.97	24.6
G25510-0608	6G-8MFA	7100-16495	3/8	9.5	3/4-16	3/4	7/8	2.20	56.0	1.11	28.1
G25510-0808	8G-8MFA	7100-06505	1/2	12.7	3/4-16	13/16	7/8	2.58	65.5	1.10	28.0
G25510-0810	8G-10MFA	7100-06515	1/2	12.7	7/8-14	7/8	1	2.64	67.0	1.16	29.5
G25510-1212	12G-12MFA	7100-06525	3/4	19.0	1 1/16-12	1 1/16	1 1/4	3.41	86.5	1.40	35.5
G25510-1616	16G-16MFA	7100-06535	1	25.4	1 5/16	1 3/8	1 1/2	3.94	100.0	1.70	43.2

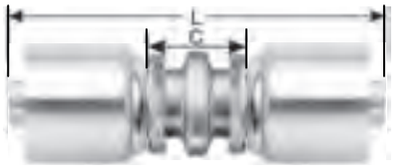
North American Stand Pipe





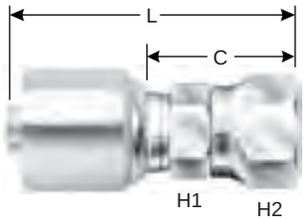
Part No.	Descr.	Prod. No.	⊖		H1	L		C		B		A1
			"	mm	"	"	mm	"	mm	"	mm	"
STANDARD PACK												
G25520-0404	4G-4NASP	7100-08305	1/4	6.4	1/2	2.26	57.5	1.24	31.5	.88	22.4	1/4
G25520-0606	6G-6NASP	7100-08335	3/8	9.5	5/8	2.34	59.5	1.24	31.6	.88	22.4	3/8
G25520-0808	8G-8NASP	7100-08365	1/2	12.7	13/16	2.87	73.0	1.40	35.5	1.00	25.4	1/2
G25520-1212	12G-12NASP	7100-08435	3/4	19.0	1 1/16	3.58	91.0	1.57	40.0	1.16	29.5	3/4
G25520-1616	16G-16NASP	7100-08465	1	25.4	1 7/16	3.86	98.0	1.62	41.2	1.12	28.4	1

Hose Length Extender



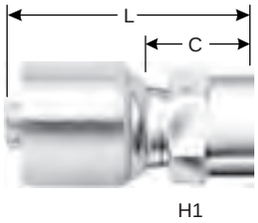
Part No.	Descr.	Prod. No.	⊖			L		C	
			"	mm		"	mm	"	mm
STANDARD PACK									
G25535-2020	20G-20HLE	7101-50705	1 1/4	31.7	1 1/4	5.96	151.5	1.32	33.5

Female Air Brake Swivel



Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G25540-0606	6G-6FABX	7100-13095	3/8	9.5	3/4-20	3/4	7/8	2.41	61.2	1.31	33.3
G25540-0806	8G-6FABX	7100-13105	1/2	12.7	3/4-20	13/16	7/8	2.48	63.0	1.00	25.5
G25540-0808	8G-8FABX	7100-13125	1/2	12.7	7/8-20	13/16	1 1/16	3.02	76.7	1.19	30.2

Female Grease

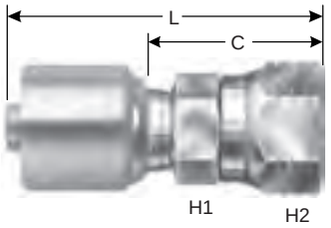


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G25561-0408	4G-8FG	7100-09605	1/4	6.4	1/2-27	11/16	—	1.87	47.5	.85	21.5
G25561-0608	6G-8FG	7100-09615	3/8	9.5	1/2-27	11/16	—	1.93	49.1	.83	21.2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Parker Triple Thread Flare

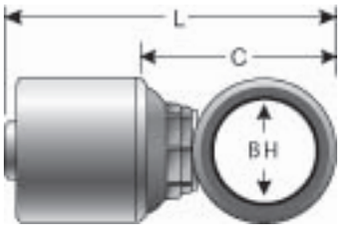


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G25562-1616	16G-16FZX	7100-00015	1	25.4	1 5/16-14	1 3/8	1 1/2	3.98	101.0	1.74	44.3

Pressure Wash Swivel

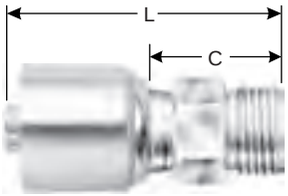
Part No.	Descr.	Prod. No.	⊖			L		C	
			"	mm		"	mm	"	mm
STANDARD PACK									
G25563-0406	4G-6PWX	7100-02905	1/4	6.4	M22X1.5	2.52	64.0	1.50	38.0
G25563-0606	6G-6PWX	7100-02915	3/8	9.5	M22X1.5	2.60	66.0	1.50	38.1

US Banjo

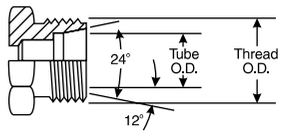


Part No.	Descr.	Prod. No.	⊖		L		C		BH
			"	mm	"	mm	"	mm	mm
STANDARD PACK									
G25564-0606	6G-6BJ	7100-02945	3/4	9.5	2.28	57.8	.74	18.8	3.0

Male DIN 24° Cone - Light Series



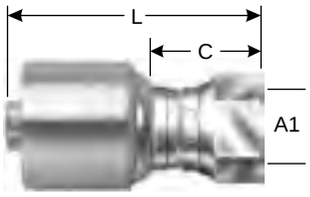
H1



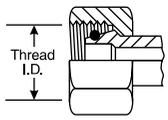
Male
24° Cone, DIN 2353

Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G25615-0406	4G-6MDL	7100-92685	1/4	6.4	M12X1.5	14.0	—	1.69	42.9	.78	19.8
G25615-0408	4G-8MDL	7100-14835	1/4	6.4	M14X1.5	17.0	—	1.97	50.0	.94	24.0
G25615-0410	4G-10MDL	7100-14845	1/4	6.4	M16X1.5	17.0	—	2.01	51.0	.98	25.0
G25615-0610	6G-10MDL	7100-14865	3/8	9.5	M16X1.5	17.0	—	2.07	52.5	.97	24.6
G25615-0612	6G-12MDL	7100-14875	3/8	9.5	M18X1.5	19.0	—	2.07	52.5	.97	24.6
G25615-0615	6G-15MDL	7100-92695	3/8	9.5	M22X1.5	24.0	—	1.86	47.3	.94	23.9
G25615-0815	8G-15MDL	7100-04885	1/2	12.7	M22X1.5	24.0	—	2.56	65.0	1.08	27.5
G25615-1018	10G-18MDL	7100-04895	5/8	15.8	M26X1.5	27.0	—	2.56	65.0	1.08	27.5
G25615-1022	10G-22MDL	7100-04935	5/8	15.9	M30X2.0	32.0	—	2.73	69.6	1.26	32.3
G25615-1222	12G-22MDL	7100-04905	3/4	19.0	M30X2.0	32.0	—	3.27	83.0	1.26	32.0
G25615-1628	16G-28MDL	7100-04915	1	15.8	M36X2.0	32.0	—	1.26	32.0	3.27	83.0
G25615-2035	20G-35MDL	7100-04925	1 1/4	31.8	M45X2.0	46.0	—	3.90	99.3	1.58	40.4

Female DIN 24° Cone Swivel - Light Series with O-Ring



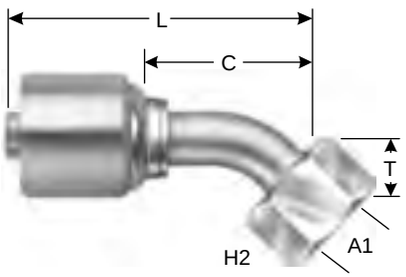
H2

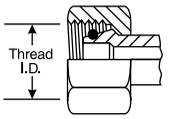


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C		A1
			"	mm		mm	mm	"	mm	"	mm	mm
STANDARD PACK												
G25645-0406	4G-6FDLORX	7100-92135	1/4	6.4	M12X1.5	—	14.0	1.92	48.7	1.01	25.8	6.0
G25645-0408	4G-8FDLORX	7100-91995	1/4	6.4	M14X1.5	—	17.0	2.02	51.3	1.12	28.4	8.0
G25645-0410	4G-10FDLORX	7100-92145	1/4	6.4	M16X1.5	—	19.0	2.17	55.2	1.15	29.3	10.0
G25645-0412	4G-12FDLORX	7100-92865	1/4	6.4	M18X1.5	—	22.0	2.07	52.6	1.17	29.7	12.0
G25645-0510	5G-10FDLORX	7100-92015	5/16	7.9	M16X1.5	—	19.0	2.12	53.9	1.17	29.7	10.0
G25645-0512	5G-12FDLORX	7100-92035	5/16	7.9	M18X1.5	—	22.0	2.13	54.1	1.18	29.9	12.0
G25645-0610	6G-10FDLORX	7100-92175	3/8	9.5	M16X1.5	—	19.0	2.06	52.3	1.15	29.2	10.0
G25645-0612	6G-12FDLORX	7100-92055	3/8	9.5	M18X1.5	—	22.0	2.09	53.0	1.18	29.9	12.0
G25645-0815	8G-15FDLORX	7100-92075	1/2	12.7	M22X1.5	—	27.0	2.43	61.8	1.16	29.3	15.0
G25645-1018	10G-18FDLORX	7100-92095	5/8	15.8	M26X1.5	—	32.0	2.36	60.0	1.19	30.3	18.0
G25645-1218	12G-18FDLORX	7100-92825	3/4	19.0	M30X2.0	—	32.0	2.70	68.5	1.18	30.0	18.0
G25645-1222	12G-22FDLORX	7100-92115	3/4	19.0	M30X2.0	—	36.0	2.79	70.8	1.27	32.3	22.0
G25645-1628	16G-28FDLORX	7100-92205	1	25.4	M36X2.0	—	41.0	3.21	81.6	1.45	36.7	28.0
G25645-2035	20G-35FDLORX	7100-92215	1 1/4	31.8	M45X2.0	—	36.0	3.56	90.3	1.74	44.1	35.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

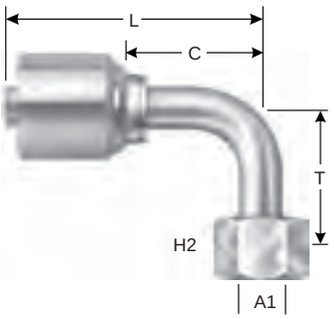
Female DIN 24° Cone Swivel - Light Series with O-Ring - 45° Bent Tube

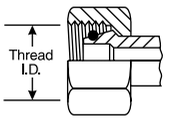




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C		A1
			"	mm		mm	mm	"	mm	"	mm	"	mm	mm
STANDARD PACK														
G25650-0408	4G-8FDLORX45	7100-91855	1/4	6.4	M14X1.5	—	17.0	.64	16.2	2.34	59.5	1.44	36.5	8.0
G25650-0410	4G-10FDLORX45	7100-92265	1/4	6.4	M16X1.5	—	19.0	.70	17.9	2.41	61.3	1.51	38.3	10.0
G25650-0510	5G-10FDLORX45	7100-91895	5/16	7.9	M16X1.5	—	19.0	.67	17.1	2.50	63.4	1.55	39.3	10.0
G25650-0610	6G-10FDLORX45	7100-92295	3/8	9.5	M16X1.5	—	19.0	.73	18.6	2.50	63.6	1.59	40.5	10.0
G25650-0612	6G-12FDLORX45	7100-91875	3/8	9.5	M18X1.5	—	22.0	.74	18.9	2.52	64.0	1.61	40.9	12.0
G25650-0615	6G-15FDLORX45	7100-92315	3/8	9.5	M22X1.5	—	27.0	.89	22.5	2.66	67.5	1.75	44.4	15.0
G25650-0815	8G-15FDLORX45	7100-91935	1/2	12.7	M22X1.5	—	27.0	.79	20.2	3.13	79.5	1.85	47.1	15.0
G25650-1018	10G-18FDLORX45	7100-91955	5/8	15.9	M26X1.5	—	32.0	.98	24.8	3.37	85.7	2.21	56.0	18.0
G25650-1222	12G-22FDLORX45	7100-91975	3/4	19.0	M30X2.0	—	36.0	1.17	29.8	4.12	104.6	2.60	66.1	22.0
G25650-1628	16G-28FDLORX45	7100-92325	1	25.4	M36X2.0	—	41.0	1.21	30.9	4.87	123.7	3.10	78.8	28.0
G25650-2035	20G-35FDLORX45	7100-92335	1 1/4	31.7	M45X2.0	—	50.0	1.48	37.5	5.48	139.3	3.68	93.4	35.0

Female DIN 24° Cone Swivel - Light Series with O-Ring - 90° Bent Tube



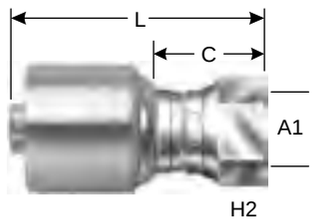


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C		A1
			"	mm		mm	mm	"	mm	"	mm	"	mm	mm
STANDARD PACK														
G25655-0406	4G-6FDLORX90	7100-92375	1/4	6.4	M12X1.5	—	14.0	1.38	35.0	2.15	54.5	1.24	31.5	6.0
G25655-0408	4G-8FDLORX90	7100-91685	1/4	6.4	M14X1.5	—	17.0	1.38	35.0	2.15	54.5	1.24	31.5	8.0
G25655-0410	4G-10FDLORX90	7100-92385	1/4	6.4	M16X1.5	—	19.0	1.44	36.5	2.14	54.5	1.24	31.5	10.0
G25655-0510	5G-10FDLORX90	7100-91725	5/16	9.5	M16X1.5	—	19.0	1.44	36.5	2.31	58.6	1.35	34.4	10.0
G25655-0610	6G-10FDLORX90	7100-92415	3/8	9.5	M16X1.5	—	19.0	1.44	36.5	2.18	55.3	1.27	32.2	10.0
G25655-0612	6G-12FDLORX90	7100-91705	3/8	9.5	M18X1.5	—	22.0	1.46	37.0	2.18	55.3	1.27	32.2	12.0
G25655-0815	8G-15FDLORX90	7100-91765	1/2	12.7	M22X1.5	—	27.0	1.65	42.0	2.87	72.8	1.59	40.4	15.0

Female DIN 24° Cone Swivel - Light Series with O-Ring - 90° Bent Tube - Cont'd

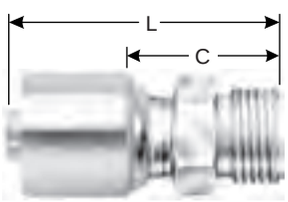
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C		A1
			"	mm		mm	mm	"	mm	"	mm	"	mm	mm
G25655-1018	10G-18FDLORX90	7100-91785	5/8	15.8	M26X1.5	—	32.0	2.03	51.5	3.04	77.3	1.87	47.6	18.0
G25655-1222	12G-22FDLORX90	7100-91805	3/4	19.0	M30X2.0	—	36.0	2.44	62.0	3.73	94.8	2.22	56.3	22.0
G25655-1628	16G-28FDLORX90	7100-92445	1	25.4	M36X2.0	—	41.0	2.76	70.0	4.69	119.2	2.93	74.3	28.0
G25655-2035	20G-35FDLORX90	7100-92455	1 1/4	31.8	M45X2.0	—	36.0	3.15	80.0	5.07	128.8	3.26	82.8	35.0

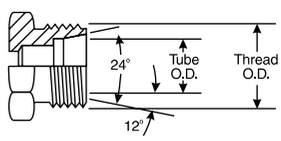
Female French GAZ Swivel



Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G25680-0817	8G-17FFGX	7100-93555	1/2	12.7	M24X1.5	—	24.0	2.49	63.4	1.01	25.9

Male DIN 24° Cone - Heavy Series





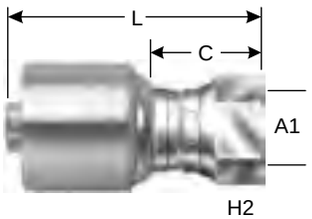
Male
24° Cone, DIN 2353

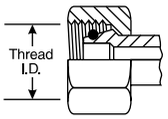
Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C		A1
			"	mm		mm	mm	"	mm	"	mm	mm
STANDARD PACK												
G25715-0408	4G-8MDH	7100-15315	1/4	6.4	M16X1.5	17.0	—	2.09	53.0	1.06	27.0	8.0
G25715-0410	4G-10MDH	7100-15325	1/4	6.4	M18X1.5	19.0	—	2.07	52.5	1.04	26.5	10.0
G25715-0512	5G-12MDH	7100-93015	5/16	7.9	M20X1.5	22.0	—	2.04	51.9	1.09	27.8	12.0
G25715-0610	6G-10MDH	7100-15345	3/8	9.5	M18X1.5	19.0	—	2.07	52.5	.97	24.6	10.0
G25715-0612	6G-12MDH	7100-15355	3/8	9.5	M20X1.5	24.0	—	2.26	57.5	1.17	29.6	12.0
G25715-0614	6G-14MDH	7100-15365	3/8	9.5	M22X1.5	24.0	—	2.34	59.5	1.24	31.6	12.0
G25715-0812	8G-12MDH	7100-94815	1/2	12.7	M20X1.5	24.0	—	2.42	61.5	1.14	29.0	12.0
G25715-0816	8G-16MDH	7100-05375	1/2	12.7	M24X1.5	27.0	—	2.72	69.0	1.24	31.5	16.0
G25715-1020	10G-20MDH	7100-05385	5/8	15.8	M30X2.0	32.0	—	2.89	73.5	1.42	36.0	20.0
G25715-1220	12G-20MDH	7100-92755	3/4	19.1	M30X2.0	32.0	—	2.85	72.3	1.33	33.9	20.0
G25715-1225	12G-25MDH	7100-05395	3/4	19.0	M36X2.0	41.0	—	3.62	92.0	1.61	41.0	25.0
G25715-1630	16G-30MDH	7100-92535	1	25.4	M42X2.0	16.0	—	3.48	88.3	1.67	42.4	30.0
G25715-2038	20G-38MDH	7100-92545	1 1/4	31.7	M52X2.0	55.0	—	3.72	94.4	1.93	49.1	38.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

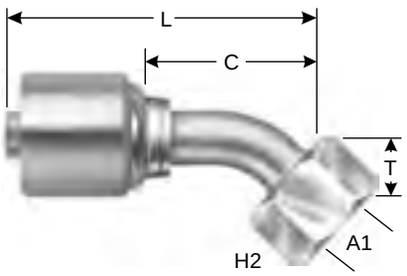
Female DIN 24° Cone Swivel - Heavy Series with O-Ring

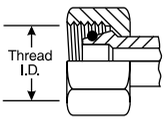




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C		A1
			"	mm		mm	mm	"	mm	"	mm	mm
STANDARD PACK												
G25720-0408	4G-8FDHORX	7100-92005	1/4	6.4	M16X1.5	—	19.0	2.02	51.3	1.12	28.4	8.0
G25720-0410	4G-10FDHORX	7100-92155	1/4	6.4	M18X1.5	—	22.0	2.06	52.2	1.15	29.3	10.0
G25720-0412	4G-12FDHORX	7100-92875	5/16	7.9	M18X1.5	—	22.0	2.07	52.6	1.17	29.7	12.0
G25720-0512	5G-12FDHORX	7100-92045	5/16	7.9	M20X1.5	—	24.0	2.28	58.0	1.18	30.0	12.0
G25720-0514	5G-14FDHORX	7100-94835	5/16	7.9	M22X1.5	—	27.0	2.11	53.6	1.18	30.0	14.0
G25720-0610	6G-10FDHORX	7100-92185	3/8	9.5	M18X1.5	—	22.0	2.06	52.3	1.15	29.2	10.0
G25720-0612	6G-12FDHORX	7100-92065	3/8	9.5	M20X1.5	—	24.0	2.09	53.0	1.18	29.9	12.0
G25720-0614	6G-14FDHORX	7100-93305	3/8	9.5	M22X1.5	—	27.0	2.19	55.6	1.28	32.5	14.0
G25720-0812	8G-12FDHORX	7100-93335	1/2	12.7	M20X1.5	—	24.0	2.76	70.2	1.29	32.7	12.0
G25720-0814	8G-14FDHORX	7100-94795	1/2	12.7	M22X1.5	—	27.0	2.56	65.0	1.28	32.5	14.0
G25720-0816	8G-16FDHORX	7100-92085	1/2	12.7	M24X1.5	—	30.0	2.60	66.1	1.32	33.6	16.0
G25720-1020	10G-20FDHORX	7100-92105	5/8	15.9	M30X1.5	—	36.0	2.67	67.9	1.51	38.2	20.0
G25720-1220	12G-20FDHORX	7100-96675	3/4	19.1	M30X2.0	—	36.0	3.61	91.7	1.60	40.7	20.0
G25720-1225	12G-25FDHORX	7100-92125	3/4	19.0	M36X2.0	—	46.0	3.19	81.1	1.68	42.6	25.0
G25720-1625	16G-25FDHORX	7100-93215	1	25.4	M42X2.0	—	46.0	4.04	102.5	1.80	45.7	25.0
G25720-1630	16G-30FDHORX	7100-92235	1	25.4	M42X2.0	—	50.0	3.70	94.1	1.94	49.2	30.0

Female DIN 24° Cone Swivel - Heavy Series with O-Ring - 45° Bent Tube

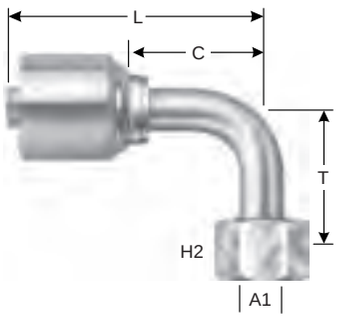


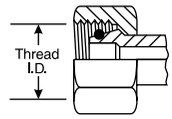


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C		A1
			"	mm		mm	mm	"	mm	"	mm	"	mm	mm
STANDARD PACK														
G25725-0408	4G-8FDHORX45	7100-91865	1/4	6.4	M16X1.5	—	19.0	.64	16.2	2.34	59.5	1.44	36.5	8.0
G25725-0612	6G-12FDHORX45	7100-91885	3/8	9.5	M20X1.5	—	24.0	.74	18.9	2.52	64.0	1.61	40.9	12.0
G25725-0814	8G-14FDHORX45	7100-94855	1/2	12.7	M22X1.5	—	27.0	1.11	28.3	3.40	86.4	2.13	54.0	14.0
G25725-0816	8G-16FDHORX45	7100-91945	1/2	12.7	M24X1.5	—	30.0	.85	21.6	3.19	81.0	1.91	48.5	16.0
G25725-1020	10G-20FDHORX45	7100-91965	5/8	15.9	M30X1.5	—	36.0	.98	24.9	3.36	85.4	2.19	55.7	20.0
G25725-1225	12G-25FDHORX45	7100-91985	3/4	19.0	M36X2.0	—	46.0	1.23	31.2	4.17	106.0	2.66	67.5	25.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

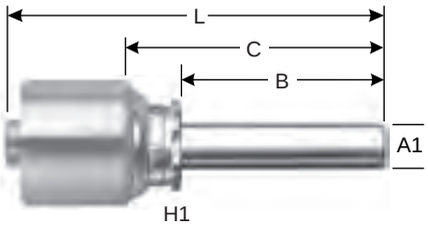
Female DIN 24° Cone Swivel - Heavy Series with O-Ring - 90° Bent Tube

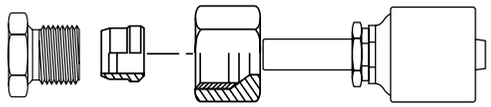




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C		A1
			"	mm		mm	mm	"	mm	"	mm	"	mm	mm
STANDARD PACK														
G25730-0408	4G-8FDHORX90	7100-91695	1/4	6.4	M16X1.5	—	19.0	1.38	35.0	2.14	54.5	1.24	31.5	8.0
G25730-0410	4G-10FDHORX90	7100-92395	1/4	6.4	M18X1.5	—	22.0	1.44	36.5	2.15	54.5	1.24	31.5	10.0
G25730-0512	5G-12FDHORX90	7100-91755	5/16	7.9	M20X1.5	—	24.0	1.46	37.0	2.32	59.0	1.22	31.0	12.0
G25730-0514	5G-14FDHORX90	7100-94845	5/16	7.9	M22X1.5	—	24.0	1.57	40.0	2.15	54.6	1.22	31.0	14.0
G25730-0610	6G-10FDHORX90	7100-92425	3/8	9.5	M18X1.5	—	22.0	1.44	36.5	2.18	55.3	1.27	32.2	10.0
G25730-0612	6G-12FDHORX90	7100-91715	3/8	9.5	M20X1.5	—	24.0	1.46	37.0	2.18	55.3	1.27	32.2	12.0
G25730-0614	6G-14FDHORX90	7100-92465	3/8	9.5	M22X1.5	—	27.0	1.57	40.0	2.18	55.3	1.27	32.2	14.0
G25730-0814	8G-14FDHORX90	7100-13005	1/2	12.7	M22X1.5	—	27.0	1.57	40.0	2.18	55.3	1.27	32.3	14.0
G25730-0816	8G-16FDHORX90	7100-91775	1/2	12.7	M24X1.5	—	30.0	1.73	44.0	2.87	72.8	1.59	40.4	16.0
G25730-1020	10G-20FDHORX90	7100-91795	5/8	15.9	M30X2.0	—	36.0	2.01	51.0	3.00	76.3	1.83	46.6	20.0
G25730-1025	10G-25FDHORX90	7100-94825	5/8	15.8	M36X2.0	—	46.0	2.52	64.0	3.31	84.1	1.83	46.6	25.0
G25730-1220	12G-20FDHORX90	7100-93035	3/4	19.0	M30X2.0	—	36.0	2.01	51.0	3.46	87.8	1.94	49.3	20.0
G25730-1225	12G-25FDHORX90	7100-91815	3/4	19.0	M36X2.0	—	46.0	2.52	64.0	3.73	94.8	2.22	56.3	25.0

Metric Light Stand Pipe





Part No.	Descr.	Prod. No.	⊖		H1	L		C		B		A1
			"	mm	"	"	mm	"	mm	"	mm	mm
STANDARD PACK												
G25750-0406	4G-6MSP	7100-93355	1/4	6.4	1/2	2.24	57.0	1.22	31.0	.87	22.0	6.0
G25750-0408	4G-8MSP	7100-93365	1/4	6.4	1/2	2.24	57.0	1.22	31.0	.87	22.0	8.0
G25750-0410	4G-10MSP	7100-93375	1/4	6.4	1/2	2.54	64.5	1.51	38.5	.87	22.0	8.0
G25750-0610	6G-10MSP	7100-90325	3/8	9.5	5/8	2.34	59.5	1.24	31.6	.91	23.0	10.0
G25750-0612	6G-12MSP	7100-90005	3/8	9.5	5/8	2.34	59.5	1.24	31.6	.91	23.0	12.0
G25750-0815	8G-15MSP	7100-90045	1/2	12.7	13/16	2.81	71.5	1.34	34.0	.98	25.0	15.0
G25750-1018	10G-18MSP	7100-93405	5/8	15.8	15/16	3.04	77.2	1.56	39.7	.98	25.0	18.0
G25750-1022	10G-22MSP	7100-95335	5/8	15.8	15/16	3.11	79.0	1.63	41.5	.98	25.0	22.0
G25750-1218	12G-18MSP	7100-95345	3/4	19.0	1 1/16	3.44	87.5	1.44	36.5	1.02	26.0	18.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
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AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
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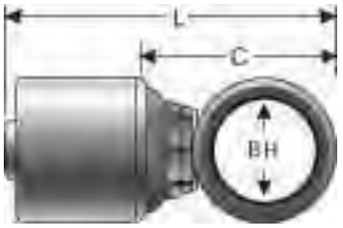
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Metric Light Stand Pipe - Cont'd

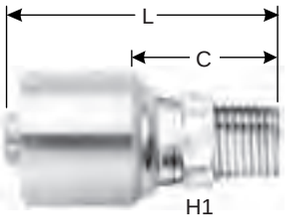
Part No.	Descr.	Prod. No.	⊖		H1	L		C		B		A1
			"	mm	"	"	mm	"	mm	"	mm	mm
G25750-1222	12G-22MSP	7100-93465	3/4	19.0	1 1/16	3.50	89.0	1.50	38.0	1.10	28.0	22.0
G25750-1628	16G-28MSP	7100-95355	1	25.4	1 7/16	3.90	99.0	1.66	42.2	1.18	30.0	28.0

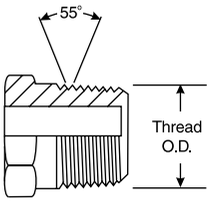
International Thread Metric 7642 DIN Banjo



Part No.	Descr.	Prod. No.	⊖		L		C		BH
			"	mm	"	mm	"	mm	mm
STANDARD PACK									
G25770-0412	4G-12DBJ	7100-91195	1/4	6.4	2.06	51.4	1.11	28.3	12.1
G25770-0614	6G-14DBJ	7100-91275	3/8	9.5	2.29	58.3	1.19	30.4	14.1
G25770-0616	6G-16DBJ	7100-91285	3/8	9.5	2.20	55.8	1.27	32.4	16.1
G25770-0818	8G-18DBJ	7100-91305	1/2	12.7	2.64	67.2	1.37	34.7	18.1
G25770-1226	12G-26DBJ	7100-93895	3/4	19.0	3.73	94.7	3.23	82.1	26.1
G25770-1630	16G-30DBJ	7100-94995	1	25.1	4.30	109.2	2.06	52.4	30.1

Male British Standard Pipe Tapered/Japanese Tapered Thread

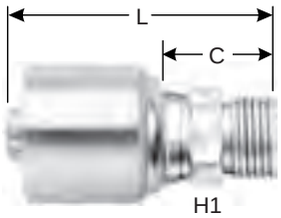


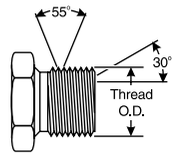


BSPT Male

Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G25795-0404	4G-4MBSPT	7100-91075	1/4	6.4	1/4-19	14.0	—	1.89	47.9	.97	24.8
G25795-0606	6G-6MBSPT	7100-91105	3/8	9.5	3/8-19	19.0	—	1.95	49.5	1.03	26.1
G25795-0808	8G-8MBSPT	7100-91125	1/2	12.7	1/2-14	22.0	—	2.49	63.4	1.22	30.9
G25795-1212	12G-12MBSPT	7100-91145	3/4	19.0	3/4-14	32.0	—	2.92	74.1	1.41	35.7
G25795-1616	16G-16MBSPT	7100-91155	1	25.4	1-11	36.0	—	3.44	87.5	1.64	41.6

Male British Standard Parallel Pipe

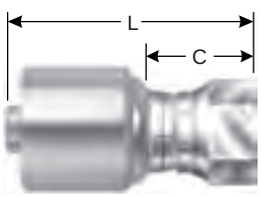


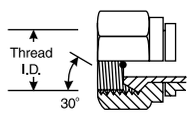


Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 mm	H2 mm	L "	L mm	C "	C mm
STANDARD PACK											
G25810-0404	4G-4MBSPP	7100-15515	1/4	6.4	1/4-19	19.0	—	2.11	53.5	1.08	27.5
G25810-0606	6G-6MBSPP	7100-15525	3/8	9.5	3/8-19	22.0	—	2.17	55.0	1.07	27.1
G25810-0608	6G-8MBSPP	7100-15535	3/8	9.5	1/2-14	27.0	—	2.36	60.0	1.26	32.1
G25810-0806	8G-6MBSPP	7100-93245	1/8	12.7	3/8-19	22.0	—	2.30	58.5	1.02	26.0
G25810-0808	8G-8MBSPP	7100-05545	1/2	12.7	1/2-14	27.0	—	2.72	69.0	1.24	31.5
G25810-1010	10G-10MBSPP	7100-05555	5/8	15.8	5/8-14	30.0	—	2.89	73.5	1.41	36.0
G25810-1212	12G-12MBSPP	7100-05565	3/4	19.0	3/4-14	32.0	—	3.35	85.0	1.34	34.0
G25810-1616	16G-16MBSPP	7100-05575	1	25.4	1-11	41.0	—	3.98	101.0	1.74	44.2
G25810-2020	20G-20MBSPP	7100-05585	1 1/4	31.8	1 1/4-11	50.0	—	4.33	110.0	2.00	51.0

Female British Standard Parallel Pipe O-Ring Swivel

Includes O-Ring sealing in flare.





Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 mm	H2 mm	L "	L mm	C "	C mm
STANDARD PACK											
G25830-0402	4G-2FBSPX	7100-93285	1/4	6.4	1/8-27	—	14.0	1.61	40.9	.07	17.8
G25830-0404	4G-4FBSPORX	7100-94175	1/4	6.4	1/4-19	—	19.0	1.57	39.9	.67	17.0
G25830-0406	4G-6FBSPORX	7100-94185	1/4	6.4	3/8-19	—	22.0	1.57	39.9	.67	17.0
G25830-0506	5G-6FBSPORX	7100-94195	5/16	7.9	3/8-19	—	22.0	1.66	42.2	.71	18.1
G25830-0508	5G-8FBSPORX	7100-94205	5/16	7.9	1/2-14	—	27.0	2.16	54.8	1.06	26.8
G25830-0606	6G-6FBSPORX	7100-94215	3/8	9.5	3/8-19	—	22.0	1.61	41.0	.70	17.9
G25830-0608	6G-8FBSPORX	7100-94225	3/8	9.5	1/2-14	—	27.0	1.58	40.2	.67	17.1
G25830-0806	8G-6FBSPORX	7100-94235	1/2	12.7	3/8-19	—	22.0	2.62	66.5	1.14	29.0
G25830-0808	8G-8FBSPORX	7100-94245	1/2	12.7	1/2-14	—	27.0	2.53	64.2	1.05	26.7
G25830-0810	8G-10FBSPORX	7100-94255	1/2	12.7	5/8-14	—	27.0	2.68	68.0	1.20	30.5
G25830-1010	10G-10FBSPORX	7100-94265	5/8	15.8	5/8-14	—	30.0	1.92	48.8	.75	19.1
G25830-1012	10G-12FBSPORX	7100-94275	5/8	15.8	3/4-14	—	32.0	1.99	50.5	.82	20.8
G25830-1212	12G-12FBSPORX	7100-94285	3/4	19.0	3/4-14	—	32.0	2.34	59.5	.83	21.0
G25830-1216	12G-16FBSPORX	7100-94295	3/4	19.0	1-11	—	41.0	3.43	87.0	1.42	36.0
G25830-1616	16G-16FBSPORX	7100-94305	1	25.4	1-11	—	41.0	2.76	70.1	.99	25.2
G25830-2020	20G-20FBSPORX	7100-95235	1 1/4	31.8	1 1/4-11	—	50.0	4.33	110.0	2.00	51.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
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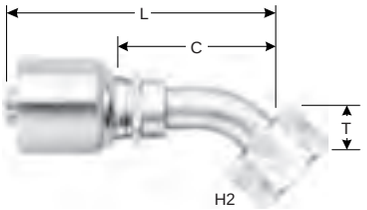
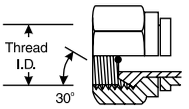
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female British Standard Parallel Pipe O-Ring Swivel - 45° Bent Tube

Includes O-Ring sealing in flare.

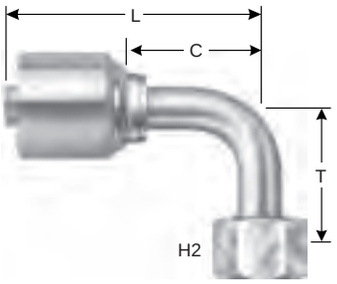


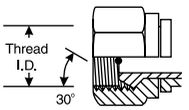


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G25831-0404	4G-4FBSPORX45	7100-91445	1/4	6.4	1/4-19	—	19.0	.46	11.6	2.13	54.0	1.22	31.1
G25831-0606	6G-6FBSPORX45	7100-91475	3/8	9.5	3/8-19	—	22.0	.61	15.4	2.44	62.1	1.54	39.1
G25831-0608	6G-8FBSPORX45	7100-91485	3/8	9.5	1/2-14	—	27.0	.75	19.1	2.60	66.0	1.69	43.0
G25831-0808	8G-8FBSPORX45	7100-91495	1/2	12.7	1/2-14	—	27.0	.67	17.0	3.01	76.5	1.73	44.0
G25831-1010	10G-10FBSPORX45	7100-91505	5/8	15.9	3/4-14	—	30.0	.84	21.3	3.22	81.8	2.05	52.1
G25831-1212	12G-12FBSPORX45	7100-91525	3/4	19.0	3/4-14	—	32.0	1.11	28.3	4.05	102.9	2.54	64.4
G25831-1616	16G-16FBSPORX45	7100-91535	1	25.4	1-11	—	41.0	1.22	30.9	4.87	123.6	3.10	78.8
G25831-2020	20G-20FBSPORX45	7100-92715	1 1/4	31.7	1 1/4-11	—	50.0	1.48	37.5	5.50	139.6	3.68	93.4

Female British Standard Parallel Pipe O-Ring Swivel - 90° Bent Tube

Includes O-Ring sealing in flare.

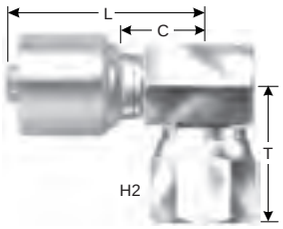


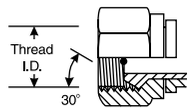


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G25832-0404	4G-4FBSPORX90	7100-91545	1/4	6.4	1/4-19	—	19.0	.93	23.5	1.94	49.4	1.04	26.5
G25832-0606	6G-6FBSPORX90	7100-91575	3/8	9.5	1/2-14	—	22.0	1.26	32.0	2.24	57.0	1.34	34.0
G25832-0608	6G-8FBSPORX90	7100-91585	3/8	9.5	3/8-19	—	22.0	1.26	32.0	2.24	57.0	1.34	34.0
G25832-0808	8G-8FBSPORX90	7100-91595	1/2	12.7	1/2-14	—	27.0	1.48	37.5	2.87	73.0	1.59	40.5
G25832-0810	8G-10FBSPORX90	7100-93145	1/2	12.7	5/8-14	—	30.0	1.81	46.0	3.00	76.3	1.83	46.6
G25832-1010	10G-10FBSPORX90	7100-91605	5/8	15.9	5/8-14	—	30.0	1.81	46.0	3.00	76.3	1.83	46.6
G25832-1212	12G-12FBSPORX90	7100-91625	3/4	19.0	3/4-14	—	32.0	2.36	60.0	3.72	94.5	2.20	56.0
G25832-1616	16G-16FBSPORX90	7100-91635	1	25.4	1-11	—	41.0	2.76	70.0	4.69	119.2	2.93	74.3
G25832-2020	20G-20FBSPORX90	7100-91645	1 1/4	31.7	1 1/4-11	—	50.0	3.15	80.0	5.07	128.8	3.26	82.8

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

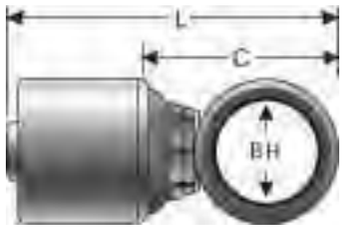
Female British Standard Parallel Pipe O-Ring Swivel - 90° Block





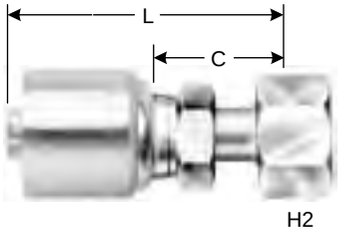
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G25845-0404	4G-4FBSPORX90BL	7100-91825	1/4	6.4	1/4-19	—	3/4	.71	18.0	1.63	41.4	.72	18.2
G25845-0606	6G-6FBSPORX90BL	7100-91835	3/8	9.5	3/8-19	—	7/8	.83	21.0	1.71	43.5	.79	20.0
G25845-0808	8G-8FBSPORX90BL	7100-91845	1/2	12.7	1/2-14	—	1 1/16	.94	24.0	2.20	55.9	.93	23.5

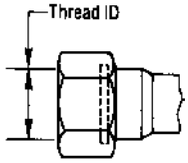
International Thread British Std Pipe Banjo



Part No.	Descr.	Prod. No.	⊖		L		C		BH
			"	mm	"	mm	"	mm	mm
STANDARD PACK									
G25850-0404	4G-4BSPBJ	7100-92565	1/4	6.4	2.10	53.4	1.19	30.3	13.2
G25850-0606	6G-6BSPBJ	7100-92575	3/8	9.5	2.20	55.8	1.30	32.4	16.8
G25850-0808	8G-8BSPBJ	7100-92925	1/2	12.7	2.80	70.7	1.50	38.2	21.0

Female British Flat-Face Swivel





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G25855-0606	6G-6FBFFX	7100-93715	3/8	9.5	3/8-19	—	24.0	1.67	40.5	.68	16.9

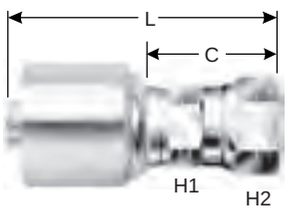
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

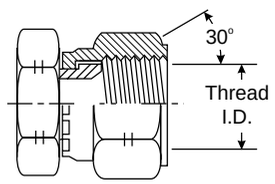
Female British Flat-Face Swivel - Cont'd

Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
G25855-0608	6G-8FBFFX	7100-93725	3/8	9.5	1/2-14	—	27.0	1.79	45.5	.69	17.6
G25855-0808	8G-8FBFFX	7100-93735	1/2	12.7	1/2-14	—	27.0	2.19	55.5	.71	18.0
G25855-0812	8G-12FBFFX	7100-93745	1/2	12.7	3/4-14	—	32.0	2.07	52.5	.59	15.0
G25855-1212	12G-12FBFFX	7100-93325	3/4	17.0	3/4-14	—	32.0	2.07	52.5	1.04	39.0

Female Komatsu Style Japanese Metric Swivel

These female swivels have been marked with two small notches on the hex to identify them as the Komatsu style.

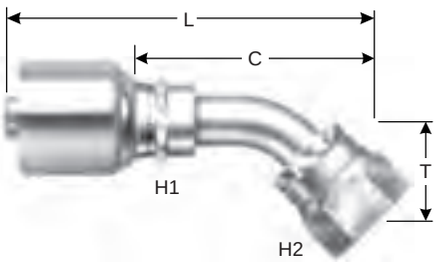


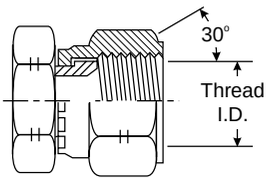


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G25910-0404	4G-4FKX	7100-03625	1/4	6.4	M14X1.5	9/16	3/4	2.22	56.3	1.19	30.2
G25910-0406	4G-6FKX	7100-03635	1/4	6.4	M18X1.5	11/16	7/8	2.41	61.3	1.39	35.3
G25910-0606	6G-6FKX	7100-03645	3/8	9.5	M18X1.5	11/16	7/8	2.47	62.8	1.37	34.9
G25910-0808	8G-8FKX	7100-03655	1/2	12.7	M22X1.5	7/8	1 1/16	2.93	74.5	1.46	37.0
G25910-1010	10G-10FKX	7100-03665	5/8	15.8	M24X1.5	1	1 1/4	3.09	78.5	1.62	41.1
G25910-1212	12G-12FKX	7100-03675	3/4	19.0	M30X1.5	1 1/8	1 7/8	3.82	97.1	1.81	46.1
G25910-1616	16G-16FKX	7100-03685	1	25.4	M33X1.5	1 3/8	1 5/8	4.51	114.6	2.28	57.8
G25910-2020	20G-20FKX	7100-03775	1 1/4	31.7	M36X1.5	1 1/2	1 3/4	4.82	120.1	2.44	61.6

Female Komatsu Style Japanese Metric Swivel - 45° Bent Tube

These female swivels have been marked with two small notches on the hex to identify them as the Komatsu style.





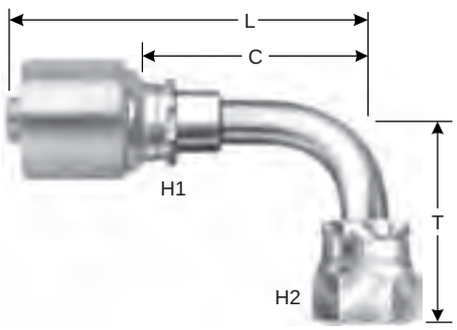
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G25911-0404	4G-4FKX45	7100-06555	1/4	6.4	M14X1.5	1/2	3/4	.75	19.0	3.07	78.0	2.05	52.0
G25911-0606	6G-6FKX45	7100-03045	3/8	9.5	M18X1.5	5/8	7/8	1.10	28.0	3.39	86.0	2.29	58.1
G25911-0808	8G-8FKX45	7100-03055	1/2	12.7	M22X1.5	13/16	1 1/16	.71	18.0	3.74	95.0	2.26	57.5
G25911-1010	10G-10FKX45	7100-03065	5/8	15.8	M24X1.5	15/16	1 1/4	1.10	28.0	4.43	112.5	2.95	75.0

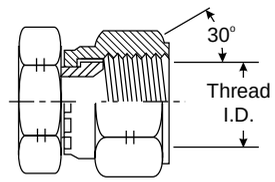
Female Komatsu Style Japanese Metric Swivel - 45° Bent Tube - Cont'd

Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
G25911-1212	12G-12FKX45	7100-03075	3/4	19.0	M14X1.5	1/2	3/4	.75	19.0	3.07	78.0	2.05	52.0

Female Komatsu Style Japanese Metric Swivel - 90° Bent Tube

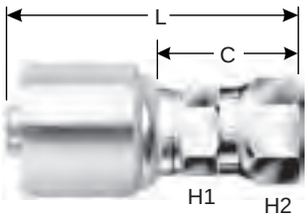
These female swivels have been marked with two small notches on the hex to identify them as the Komatsu style.

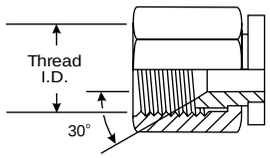




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G25913-0404	4G-4FKX90	7100-03125	1/4	6.4	M14X1.5	1/2	3/4	1.50	38.0	2.72	69.0	1.69	43.0
G25913-0606	6G-6FKX90	7100-03135	3/8	9.5	M18X1.5	5/8	7/8	1.09	27.7	2.92	74.2	1.82	46.3
G25913-0808	8G-8FKX90	7100-03145	1/2	12.7	M22X1.5	13/16	1 1/16	1.38	35.0	3.46	88.0	1.99	50.5
G25913-1010	10G-10FKX90	7100-06795	5/8	15.8	M24X1.5	15/16	1 1/4	2.57	65.3	3.43	87.0	1.95	49.5
G25913-1212	12G-12FKX90	7100-03165	3/4	19.0	M30X1.5	1 1/16	1 7/16	2.48	63.0	4.65	188.0	2.64	67.0

Female Japanese Industrial Standard Swivel





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G25930-0404	4G-4FJISX	7100-03305	1/4	6.4	1/4-19	19.0	19.0	2.20	56.0	1.18	30.0
G25930-0606	6G-6FJISX	7100-03325	3/8	9.5	3/8-19	16.0	22.0	2.38	60.5	1.28	32.5
G25930-0808	8G-8FJISX	7100-03345	1/2	12.7	1/2-14	20.0	27.0	2.93	74.5	1.46	37.0
G25930-1212	12G-12FJISX	7100-03365	3/4	19.0	3/4-14	27.0	32.0	3.67	93.3	1.67	42.3
G25930-1616	16G-16FJISX	7100-03385	1	25.4	1-11	35.0	38.0	4.08	103.6	1.84	46.8
G25930-2020	20G-20FJISX	7100-03405	1 1/4	31.7	1 1/4-11	44.5	50.8	4.59	116.5	2.26	57.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
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ASSEMBLY FABRICATION
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PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
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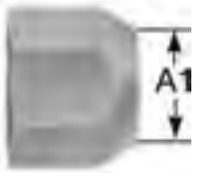
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Flareless Nut



Part No.	Descr.	Prod. No.	A1 "		H1 "	Std. Pack
STANDARD PACK						
G60050-0004	4FFN	7334-40495	1/4	7/16-20	9/16	5
G60050-0005	5FFN	7334-40505	5/16	1/2-20	5/8	5
G60050-0006	6FFN	7334-40515	3/8	9/16-18	11/16	5
G60050-0008	8FFN	7334-40425	1/2	3/4-16	7/8	5
G60050-0010	10FFN	7334-40525	5/8	7/8-14	1	1
G60050-0012	12FFN	7334-40535	3/4	1 1/16-12	1 1/4	1
G60050-0016	16FFN	7334-40545	1	1 5/16-12	1 1/2	1

Female Flareless Sleeve

Part No.	Descr.	Prod. No.	A1 "	Std. Pack
STANDARD PACK				
G60051-0004	4FFS	7334-40555	1/4	5
G60051-0005	5FFS	7334-40565	5/16	5
G60051-0006	6FFS	7334-40575	3/8	5
G60051-0008	8FFS	7334-40435	1/2	5
G60051-0010	10FFS	7334-40585	5/8	1
G60051-0012	12FFS	7334-40595	3/4	1
G60051-0016	16FFS	7334-40605	1	1

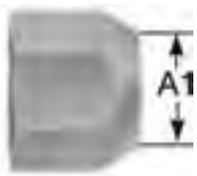
Metric Bite Sleeve

Part No.	Descr.	Prod. No.	A1 mm	Std. Pack
STANDARD PACK				
G64787-0006	6BS	7253-26815	6.0	750
G64787-0008	8BS	7253-26835	8.0	5
G64787-0010	10BS	7253-26855	10.0	1
G64787-0012	12BS	7253-26875	12.0	1
G64787-0014	14BS	7253-26895	14.0	1
G64787-0015	15BS	7253-26905	15.0	1
G64787-0016	16BS	7253-26915	16.0	1

Metric Bite Sleeve - Cont'd

Part No.	Descr.	Prod. No.	A1 mm	Std. Pack
G64787-0018	18BS	7253-26925	18.0	1
G64787-0020	20BS	7253-26935	20.0	1
G64787-0022	22BS	7253-26945	22.0	1
G64787-0025	25BS	7253-26955	25.0	1
G64787-0028	28BS	7253-26965	28.0	1
G64787-0030	30BS	7253-26975	30.0	1
G64787-0035	35BS	7253-26985	35.0	1
G64787-0038	38BS	7253-26995	38.0	1
G64787-0042	42BS	7253-27005	42.0	1

Metric Bite Nut



Part No.	Descr.	Prod. No.		A1 mm	Std. Pack
STANDARD PACK					
G64788-0006	6MNL	7253-27105	M12X1.5	6.0	5
G64788-0008	8MNL	7253-27125	M14X1.5	8.0	5
G64788-0010	10MNL	7253-27145	M16X1.5	10.0	1
G64788-0012	12MNL	7253-27165	M18X1.5	12.0	1
G64788-0015	15MNL	7253-27185	M22X1.5	14.0	1
G64788-0018	18MNL	7253-27215	M26X1.5	18.0	1
G64788-0022	22MNL	7253-27235	M30X1.5	22.0	1
G64788-0028	28MNL	7253-27255	M36X1.5	28.0	1
G64788-0035	35MNL	7253-27275	M45X1.5	35.0	1
G64788-0042	42MNL	7253-27295	M52X1.5	42.0	1
G64789-0006	6MNH	7253-27115	M14X1.5	6.0	5
G64789-0008	8MNH	7253-27135	M16X1.5	8.0	5
G64789-0010	10MNH	7253-27155	M18X1.5	10.0	1
G64789-0012	12MNH	7253-27175	M20X1.5	12.0	1
G64789-0014	14MNH	7253-27195	M22X1.5	15.0	1
G64789-0016	16MNH	7253-27205	M24X1.5	16.0	1
G64789-0020	20MNH	7253-27225	M30X1.5	20.0	1
G64789-0025	25MNH	7253-27245	M36X1.5	25.0	1
G64789-0030	30MNH	7253-27265	M42X1.5	30.0	1
G64789-0038	38MNH	7253-27285	M52X1.5	38.0	1

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KITS

Notes

Male Pipe (NPTF - 30° Cone Seat)

Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G17100-0404	4B-4MP-SS	7362-00245	1/4	6.4	1/4-18	.56	14.2	—	—	2.16	54.9	1.14	29.0
G17100-0606	6B-6MP-SS	7362-00275	3/8	9.5	3/8-18	.68	17.3	—	—	2.32	58.9	1.22	31.0
G17100-0808	8B-8MP-SS	7362-00295	1/2	12.7	1/2-14	.88	22.2	—	—	2.89	73.4	1.46	37.0
G17100-1212	12B-12MP-SS	7362-00325	3/4	19.1	3/4-14	1.06	27.0	—	—	3.21	81.5	1.51	38.3
G17100-1616	16B-16MP-SS	7362-00355	1	25.4	1-11 1/2	1.38	34.9	—	—	3.62	91.9	1.91	48.6
G17100-2020	20B-20MP-SS	7362-00385	1 1/4	31.7	1 1/4-11 1/2	1.75	44.5	—	—	4.44	112.8	2.14	54.4

Female JIC 37° Flare Swivel

Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G17170-0606	6B-6FJX-SS	7362-01225	3/8	9.5	9/16-18	.62	15.8	.75	19.1	2.35	59.7	1.25	31.8
G17170-1212	12B-12FJX-SS	7362-01315	3/4	19.0	1 1/16-12	1.06	26.9	1.25	31.8	3.40	86.4	1.70	43.2
G17170-1616	16B-16FJX-SS	7362-01375	1	25.4	1 5/16-12	1.37	34.8	1.50	38.1	3.65	92.7	1.94	49.3

Female JIC 37° Flare Swivel - 45° Short Bent Tube

Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	T		L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G17174-0606	6B-6FJX45S-SS	7362-11235	3/8	9.4	9/16-18	.62	15.8	.75	19.1	.43	10.9	2.93	74.4	1.83	46.5
G17174-1212	12B-12FJX45S-SS	7362-11345	3/4	19.1	1 1/16-12	1.06	26.9	1.25	31.8	.82	20.8	5.26	133.6	3.56	90.4

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Female JIC 37° Flare Swivel - 90° Medium Bent Tube

Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	T		L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G17180-0606	6B-6FJX90M-SS	7362-21265	3/8	9.4	9/16-18	.62	15.8	.75	19.1	1.49	37.9	2.13	54.1	1.03	26.2
G17180-1212	12B-12FJX90M-SS	7362-21455	3/4	—	1 1/16-12	—	—	—	—	—	—	—	—	—	—

Dual Seat Female JIC 37°/SAE 45° Flare Swivel

Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G17210-0404	4B-4FJSX-SS	7362-01205	1/4	6.4	7/16-20	.50	12.7	.56	14.2	2.24	56.9	1.21	30.7
G17210-0808	8B-8FJSX-SS	7362-01265	1/2	12.7	3/4-16	.81	20.6	.87	22.1	2.81	71.4	1.38	35.0
G17210-1010	10B-10FJSX-SS	7362-01285	5/8	15.8	7/8-14	.93	23.6	1.06	26.9	3.05	77.5	1.61	40.9

Dual Seat Female JIC 37°/SAE 45° Flare Swivel - 45° Short Bent Tube

Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	T		L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G17211-0404	4B-4FJSX45S-SS	7362-11205	1/4	6.4	7/16-20	.50	12.7	.56	14.2	.39	9.9	2.58	65.5	1.55	39.4
G17211-0808	8B-8FJSX45S-SS	7362-11285	1/2	12.7	3/4-16	.81	20.6	.88	22.2	.59	15.0	3.65	92.7	2.22	56.4
G17211-1010	10B-10FJSX45S-SS	7362-11305	5/8	15.8	7/8-14	.93	23.6	1.06	26.9	.62	15.8	4.04	102.6	2.60	66.0

Dual Seat Female JIC 37°/SAE 45° Flare Swivel - 90° Medium Bent Tube

Part No.	Descr.	Prod. No.	⊖			H1	H1	H2	H2	T		L		C	
			"	mm		"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G17212-1010	10B-10FJSX90M-SS	7362-21405	5/8	15.8	7/8-14	.93	23.6	1.06	26.9	1.85	47.0	3.06	77.7	1.62	41.1
G17213-0404	4B-4FJSX90M-SS	7362-21215	1/4	6.3	7/16-20	.50	12.7	.56	14.2	1.25	31.8	1.92	48.8	.90	22.9
G17213-0808	8B-8FJSX90M-SS	7362-21355	1/2	12.7	3/4-16	.81	20.6	.87	22.1	1.61	40.9	2.83	71.9	1.40	35.6

Female Flat-Face O-Ring Swivel Metric Hex

Part No.	Descr.	Prod. No.	⊖	
			"	
STANDARD PACK				
G17230-0404	4B-4FFORX-SS	7362-03045	1/4	9/16-18

Non-Skive Ferrule

Part No.	Descr.	Prod. No.	⊖	
			"	mm
STANDARD PACK				
G17995-0104	4B1F-1SS	7362-51305	1/4	6.4
G17995-0106	6B1F-1SS	7362-51425	3/8	9.5
G17995-0204	4B1F-2SS	7362-51415	1/4	6.4
G17995-0206	6B1F-2SS	7362-51435	3/8	9.5
G17995-0208	8B1F-1SS	7362-51465	1/2	12.7
G17995-0210	10B1F-1SS	7362-51475	5/8	15.8
G17995-0212	12B1F-1SS	7362-51505	3/4	19.0
G17995-0216	16B1F-1SS	7362-51515	1	25.4

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Non-Skive Ferrule - Cont'd

Part No.	Descr.	Prod. No.	⊖	
			"	mm
G17995-0220	20B1F-1SS	7362-51545	1 1/4	31.7
G17995-0232	32B1F-2SS	7362-51705	2	—

Application Note: No LP350 hose assemblies 60” or longer allowed per UL requirement.

Recommended For: Liquid or gaseous propane, butane or any combination of these two mixtures up to 350 psi rated working pressure. Can be used for natural gas under certain conditions such as: open/outside areas and well ventilated factory buildings (if local building codes permit). Not recommended for residential or office buildings. Contact Denver Product Application (303) 744-5070 for inspection and assembly testing information. Meets UL Standard #21, CAN/CGA-8.1-M86, NFPA 58, Section 8-3, 5.

Tube: Nitrile - Type C. See Hose Stock Characteristics.

Reinforcement: Braided, high tensile synthetic textile cord.

Cover: Black perforated Neoprene - Type A. See Hose Stock Characteristics.

Temperature Range: -40°F to +180°F (-40°C to +82°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Permanent PC Couplings
GLX Couplings

Part No.	Description	Product No.						Standard Pack
85717	4LP350 X50FT	3220-1116	1/4	0.56	350	1,400	—	1
85718	6LP350 X50FT	3220-1123	3/8	0.70	350	1,400	—	1
85738	12LP350XX50FT	3220-1302	3/4	—	—	—	—	1

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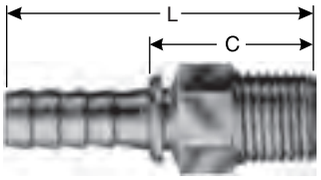
Male Pipe (NPTF - 30° Cone Seat)



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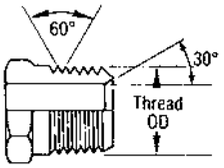
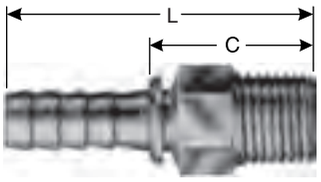
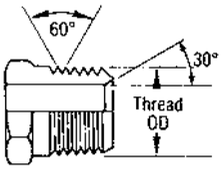


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
80001	3-2MP	7334-36215	3/16	4.8	1/8-27	1/2	—	2.03	51.6	.94	23.9
80002	3-4MP	7334-36245	3/16	4.8	1/4-18	9/16	—	2.22	56.4	1.13	28.8
80003	4-2MP	7301-09125	1/4	6.4	1/8-27	1/2	—	2.03	51.6	.94	23.9
80004	4-4MP	7301-09145	1/4	6.4	1/4-18	9/16	—	2.22	56.4	1.13	28.7
80007	5-4MP	7301-19145	5/16	7.9	1/4-18	5/8	—	2.19	55.6	1.18	30.0
80008	6-4MP	7306-29125	3/8	9.5	1/4-18	5/8	—	2.22	56.4	1.20	30.5
80009	6-6MP	7306-29145	3/8	9.5	3/8-18	11/16	—	2.22	56.4	1.20	30.5
80011	6-8MP	7306-29165	3/8	9.5	1/2-14	7/8	—	2.41	61.2	1.39	35.3
80012	8-6MP	7301-39125	1/2	12.7	3/8-18	13/16	—	2.70	68.6	1.26	32.0
80013	8-8MP	7301-39145	1/2	12.7	1/2-14	7/8	—	2.89	73.4	1.45	36.8
80015	10-8MP	7301-49125	5/8	15.8	1/2-14	7/8	—	2.92	74.2	1.49	37.8
80016	10-12MP	7301-49145	5/8	15.8	3/4-14	1 1/16	—	2.94	74.7	1.51	38.2
80018	12-12MP	7301-59145	3/4	19.1	3/4-14	1 1/16	—	3.21	81.5	1.50	38.1
80023	16-16MP	7301-69145	1	25.4	1-11 1/2	1 3/8	—	3.62	91.9	1.91	48.5
80025	24-24MP	7301-89145	1 1/2	38.1	1 1/2-11 1/2	2	—	4.83	122.7	2.19	55.6
80026	32-32MP	7301-99145	2	50.8	2-11 1/2	2 1/2	—	5.86	148.8	2.33	59.2

Male Pipe (NPTF - 30° Cone Seat) - Long Hex

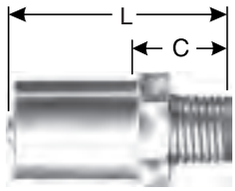


H1



Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
81258	24-24MPLH	7334-47815	1 1/2	38.1	1 1/2-11 1/2	2	—	5.83	148.1	2.19	55.6

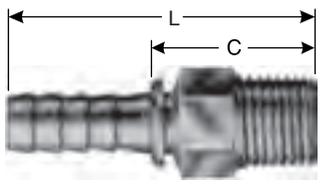
Male Special Grease Fitting



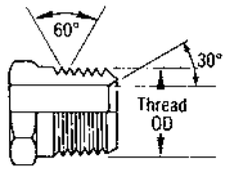
H1

Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
80120	3-2MPG	7334-32445	3/16	4.8	1/8-27	9/16	—	1.34	34.0	.56	14.2
80140	3-2MPGB	7334-37925	3/16	4.8	1/8-27	9/16	—	1.34	34.0	.78	19.8

Male Pipe (NPTF - 30° Cone Seat) - Brass



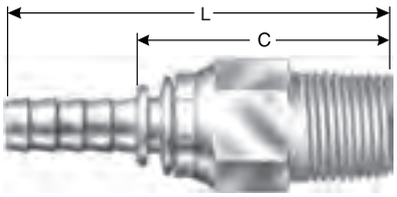
H1



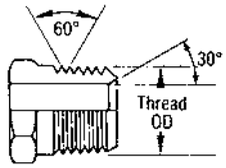
Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
80165	32-32MPB	7301-00435	2	50.8	2-11 1/2	2 1/2	—	6.22	158.0	2.69	68.3

Male Pipe Swivel (NPTF - Without 30° Cone Seat)

NOT TO BE USED AS A LIVE SWIVEL.



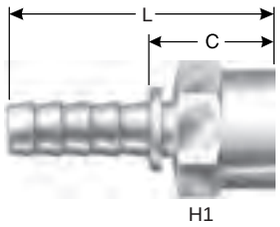
H1

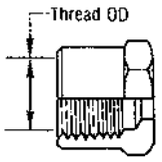


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
80031	3-2MPX	7334-36335	3/16	4.8	1/8-27	1/2	—	2.40	61.0	1.31	33.3

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

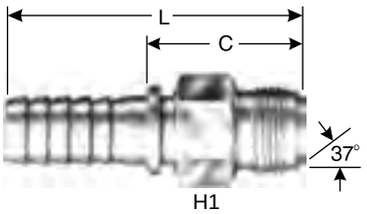
Female Pipe (NPTF - Without 30° Cone Seat)

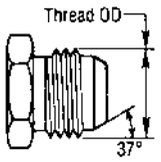




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
80061	3-2FP	7334-36225	3/16	4.8	1/8-27	9/16	—	1.85	47.0	.76	19.3

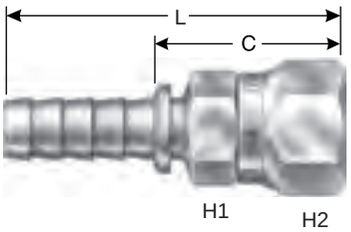
Male JIC 37° Flare

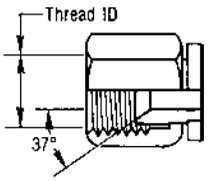




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
80181	3-4MJ	7334-36235	3/16	4.8	7/16-20	1/2	—	2.09	53.1	1.00	25.4

Female JIC 37° Flare Swivel



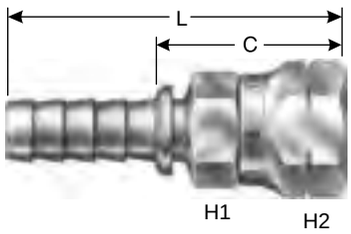


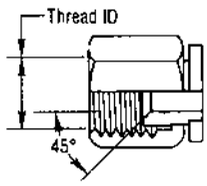
Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
80131	3-3FJX	7334-36315	3/16	4.8	3/8-24	1/2	9/16	2.20	55.9	1.11	28.2
80132	3-4FJX	7334-36325	3/16	4.8	7/16-20	1/2	9/16	2.21	56.1	1.12	28.4
80134	4-4FJX	7303-09245	1/4	6.4	7/16-20	1/2	9/16	2.13	54.1	1.04	26.4
80135	4-5FJX	7303-09265	1/4	6.4	1/2-20	1/2	11/16	2.28	57.9	1.18	30.0
80136	4-6FJX	7303-09285	1/4	6.4	1/2-20	9/16	3/4	2.28	57.9	1.18	30.0
80137	5-5FJX	7303-19245	5/16	7.9	1/2-20	5/8	11/16	2.25	57.2	1.23	31.2
80138	5-6FJX	7303-19265	5/16	7.9	9/16-18	5/8	3/4	2.24	56.9	1.22	31.0

Female JIC 37° Flare Swivel - Cont'd

Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
80139	6-6FJX	7308-29245	3/8	9.5	9/16-18	5/8	3/4	2.24	56.9	1.22	31.0
80141	6-8FJX	7308-29265	3/8	9.5	3/4-16	11/16	7/8	2.35	59.7	1.33	33.8
80143	8-8FJX	7303-39245	1/2	12.7	3/4-16	13/16	7/8	2.76	70.1	1.32	33.5
80144	8-10FJX	7303-39265	1/2	12.7	7/8-14	13/16	1 1/16	2.98	75.7	1.54	39.1
80147	10-10FJX	7303-49245	5/8	15.8	7/8-14	7/8	1 1/16	3.04	77.2	1.60	40.6
80148	10-12FJX	7303-49265	5/8	15.8	1 1/16-12	1	1 1/4	3.12	79.2	1.68	42.7
80152	12-12FJX	7303-59245	3/4	19.1	1 1/16-12	1 1/16	1 1/4	3.39	86.1	1.68	42.7
80158	16-16FJX	7303-69245	1	25.4	1 5/16-12	1 3/8	1 1/2	3.63	92.2	1.92	48.8

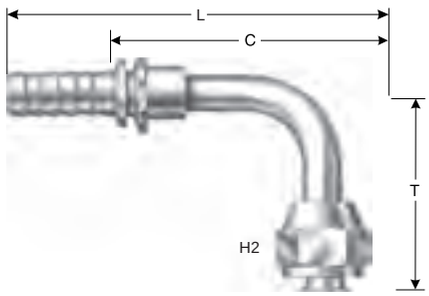
Female SAE 45° Flare Swivel

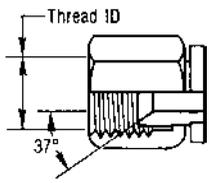




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
80168	4-6FSX	7303-09385	1/4	6.4	5/8-18	5/8	3/4	2.35	59.7	1.26	32.0
80169	6-6FSX	7308-29345	3/8	9.5	5/8-18	5/8	3/4	2.32	58.9	1.31	33.3
80171	6-8FSX	7308-29365	3/8	9.5	3/4-16	11/16	7/8	2.35	59.7	1.33	33.8
80172	8-8FSX	7303-39345	1/2	12.7	3/4-16	13/16	7/8	2.79	70.9	1.35	34.3
80173	8-10FSX	7303-39365	1/2	12.7	7/8-14	13/16	1 1/16	2.99	75.9	1.55	39.4
80240	5-6FSX	7303-19365	5/8	7.9	5/8-18	5/8	3/4	2.34	59.4	1.32	33.5

Female JIC 37° Flare Swivel - 90° Bent Tube



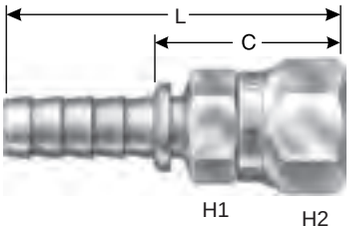


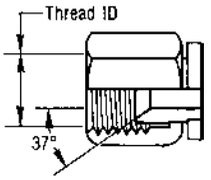
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
83125	3C2-4FJX90S	7303-01505	3/16	4.8	7/16-20	—	9/16	.68	17.3	2.54	64.5	1.45	36.8
83149	24C2-24FJX90S	7334-41255	1 1/2	38.1	1 7/8-12	—	2 1/4	4.00	101.6	7.11	180.6	4.47	113.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

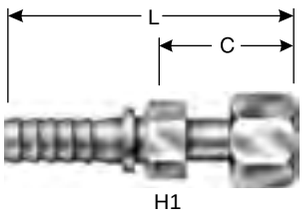
Female JIC 45° Flare Swivel

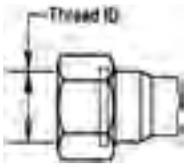




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
83105	3C2-4FJX45S	7303-01005	3/16	4.8	7/16-20	1/2	9/16	2.80	71.1	1.71	43.4

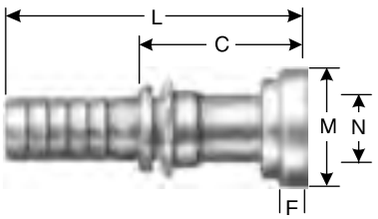
Female Flat-Face O-Ring Swivel





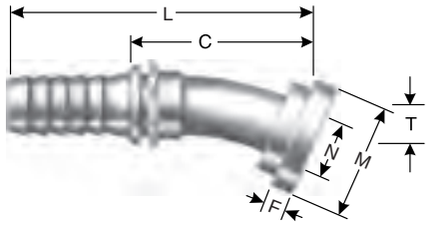
Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
83057	24C2-24FFORX	7303-05915	1 1/2	38.1	2-12	2	2 1/4	5.21	132.3	2.58	65.5
83603	3C2-6FFORX	7303-05945	3/16	4.8	11/16-16	5/8	13/16	2.63	66.8	1.54	39.1

Code 61 O-Ring Flange



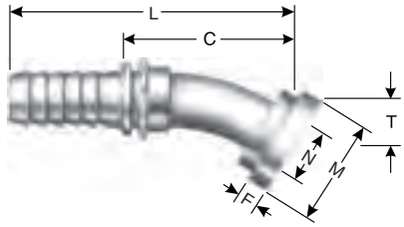
Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
80300	32C2-40FL	7305-90065	2	50.8	2 1/2	3.31	84.1	6.07	154.2	2.54	64.5	.38	9.7

Code 61 O-Ring Flange - 22½° Bent Tube



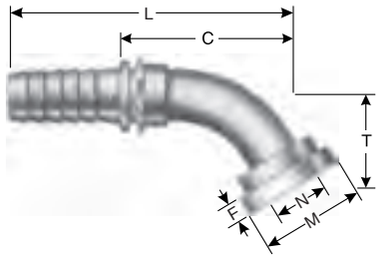
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
80335	32-32FL22	7305-90245	2	50.8	2	2.81	71.4	.88	22.4	7.98	202.7	4.45	113.0	.38	9.7

Code 61 O-Ring Flange - 30° Bent Tube



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
80345	32-32FL30	7305-90345	2	50.8	2	2.81	71.4	1.25	31.8	8.23	209.0	4.70	119.4	.38	9.7

Code 61 O-Ring Flange - 60° Bent Tube



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
80363	24-24FL60	7305-80645	1 1/2	38.1	1 1/2	2.38	60.5	2.00	50.8	6.57	166.9	3.93	99.8	.32	8.1
80365	32-32FL60	7305-90645	2	50.8	2	2.81	71.4	2.88	73.2	9.01	229.0	5.48	139.2	.38	9.7

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
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ADAPTERS
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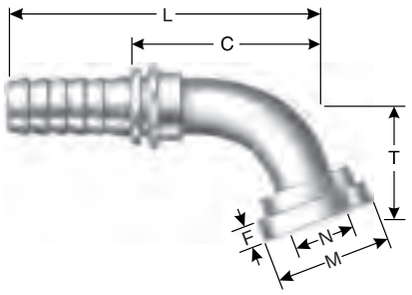
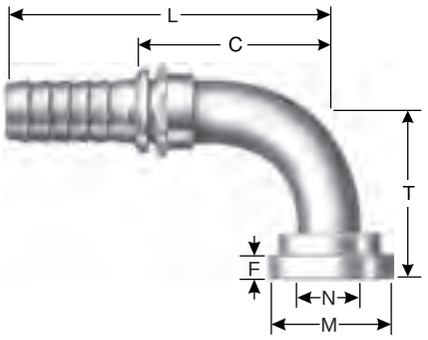
BALL VALVES
KITS

Code 61 O-Ring Flange - 67½° Bent Tube



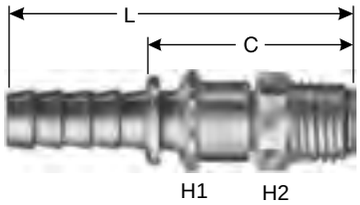
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
80373	24-24FL67	7305-80745	1 1/2	38.1	1 1/2	2.38	60.5	2.00	50.8	6.53	165.9	3.89	98.8	.32	8.1
80375	32-32FL67	7305-90745	2	50.8	2	2.81	71.4	3.25	82.6	8.98	228.1	5.45	138.4	.38	9.7

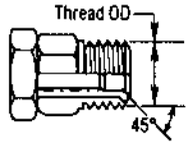
Code 61 O-Ring Flange - 90° Bent Tube



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
80310	32C2-40FL90	7334-08255	2	50.8	2 1/2	3.31	84.1	4.50	114.3	8.51	216.2	4.98	126.5	.38	9.7
80385	32-32FL90	7305-90945	2	50.8	2	2.81	71.4	4.50	114.3	8.51	216.2	4.98	126.5	.38	9.7

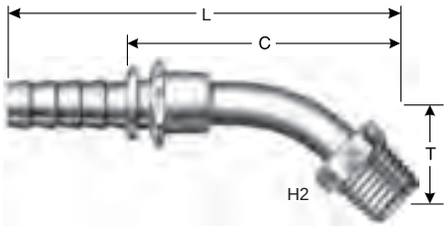
SAE Male Inverted Swivel

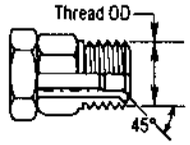




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
83301	3C2-3MIX	7303-02995	3/16	4.8	3/8-24	1/2	3/8	2.67	67.8	1.58	40.1

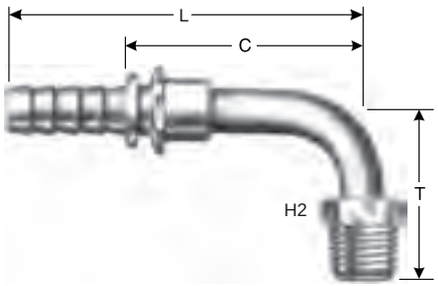
SAE Male Inverted Swivel - 45° Bent Tube

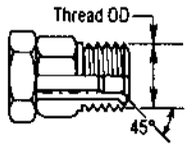




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
83302	3C2-3MIX45S	7303-03205	3/16	4.8	3/8-24	—	3/8	.58	14.7	2.78	70.6	1.69	42.9

SAE Male Inverted Swivel - 90° Bent Tube





Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
83303	3C2-3MIX90S	7303-03495	3/16	4.8	3/8-24	—	3/8	1.05	26.7	2.42	61.5	1.33	33.8

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
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ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
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EQUIPMENT
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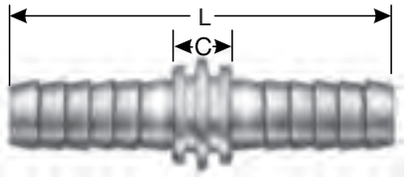
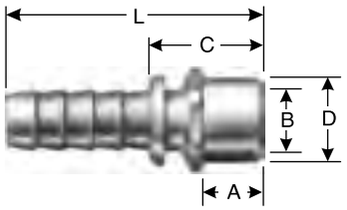
Hose Length Extender



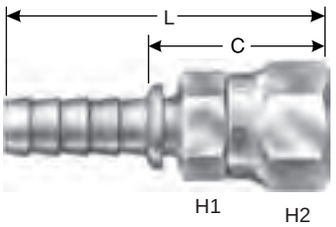
Part No.	Descr.	Prod. No.	⊖		L		C	
			"	mm	"	mm	"	mm
STANDARD PACK								
80179	32-32HLE	7334-42435	2	50.8	8.29	210.6	1.23	31.2

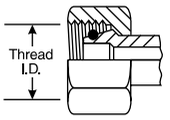
Female Braze-On Stems



Part No.	Descr.	Prod. No.	⊖		B	A	D		L		C	
			"	mm	"	"	"	mm	"	mm	"	mm
STANDARD PACK												
80406	12-12FBO	7305-59145	3/4	19.1	.75	3/8	1.12	28.5	2.47	62.7	.76	19.3
80410	3-4FBO	7305-09135	3/16	4.8	.25	1/4	.56	14.2	1.76	44.7	.68	17.3
80411	24-24FBO	7305-89145	1 1/2	38.1	1.51	3/8	2.00	50.8	3.75	95.3	1.11	28.2

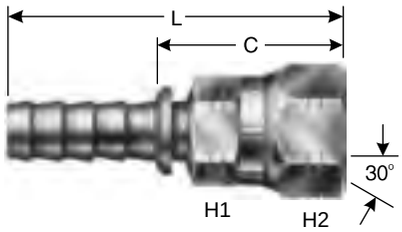
Female DIN 24° Cone Swivel - Light Series

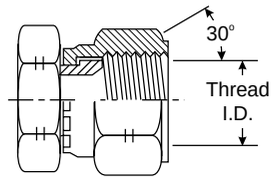




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C		
			"	mm		mm	mm	"	mm	"	mm	mm
STANDARD PACK												
83709	3C2-6FDLX	7303-08195	3/16	4.8	M12X1.5	14.0	14.0	2.20	55.9	1.11	28.2	6.0
83788	24C2-42FDLX	7303-08285	1 1/2	38.1	M52X2.0	50.0	65.0	5.04	128.0	2.40	31.0	42.0

Female Komatsu Style Japanese Metric Swivel





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
80239	24-24FKX	7303-00705	1 1/2	38.1	M42X1.5	2	2 3/8	5.49	139.5	2.86	72.6

Power Crimp® Two Ferrules (Steel) - PC2F Series

Part No.	Descr.	Prod. No.	L			
			"	mm	"	mm
STANDARD PACK						
80415	3PC2F-2	7266-00075	1.00	25.4	.76	19.3
80416	4PC2F-2	7266-00345	1.00	25.4	.84	21.3
80417	5PC2F-2	7266-00385	1.00	25.4	.87	22.1
80418	6PC2F-2	7266-00335	1.00	25.4	.94	23.9
80419	8PC2F-2	7266-00025	1.25	31.8	1.13	28.7
80422	12PC2F-4	7266-00145	1.97	50.0	1.38	35.1
80423	12PC2F-2	7266-00185	1.47	37.3	1.50	38.1
80424	16PC2F-2	7266-00135	1.97	50.0	1.75	44.5
80425	16PC2F-4	7266-00175	2.07	52.6	1.87	47.5
80426	20PC2F-4	7266-00215	2.77	70.4	2.19	55.6
80427	20PC2F-2	7266-00225	2.35	59.7	2.25	57.2
80428	24PC2F-4	7266-00355	2.88	73.2	2.55	64.8
80429	32PC2F-4	7266-00375	3.43	87.1	3.16	80.3
80447	10PC2F-2C	7266-08105	1.25	31.8	1.23	31.2
80461	4PC2F-4	7266-00395	1.20	30.5	.89	22.6
80462	6PC2F-4	7266-00405	1.20	30.5	1.06	26.9
80463	8PC2F-4	7266-00415	1.47	37.3	1.28	32.5
80476	10PC2F-2B	7266-00465	1.47	37.3	1.32	33.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
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HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
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FIELD ATTACHABLE C5 COUPLINGS
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ASSEMBLY FABRICATION
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PCTS THERMO-PLASTIC COUPLINGS
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ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
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GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
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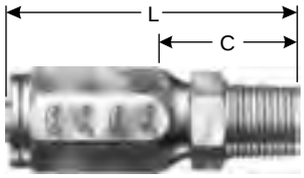
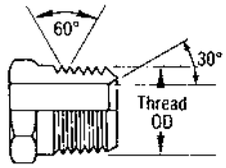
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Power Crimp® One Non-Skive Ferrules (Steel) - PC1FS Series

Part No.	Descr.	Prod. No.	L		O	
			"	mm	"	mm
STANDARD PACK						
80468	4PC1F-M2S	7266-07635	1.20	30.5	.83	21.1
80474	8PC1F-M2S	7266-07395	1.47	37.3	1.20	30.5
80475	12PC1F-M2S	7266-07435	1.69	42.9	1.57	39.9
80477	10PC1F-M2S	7266-07415	1.47	37.3	1.31	33.3
80480	16PC1F-M2S	7266-07475	1.69	42.9	1.94	49.3
80481	3PC1FS	7266-07035	1.20	30.5	.83	21.1
80482	4PC1FS	7266-07045	1.28	32.5	.87	22.1
80483	5PC1FS	7266-07055	1.20	30.5	.97	24.6
80484	6PC1FS	7266-07065	1.20	30.5	.96	26.9
80485	8PC1FS	7266-07085	1.47	37.3	1.15	29.3
80486	10PC1FS-M3K	7266-07105	1.49	37.8	1.21	30.8
80487	12PC1FS-M3K	7266-07125	1.69	42.9	1.53	38.9
80488	16PC1FS	7266-07165	1.69	42.9	1.32	33.5
80489	20PC1FS	7266-07205	2.41	61.2	2.38	60.5
80491	24PC1FS	7266-07245	2.69	68.3	2.69	68.3
80492	32PC1FS	7266-07325	3.56	90.4	3.25	82.6
80584	4M3KPC	7266-07805	1.20	30.5	.89	22.6
80585	6M3KPC	7266-07815	1.20	30.5	.97	24.6
80586	8M3KPC	7266-07825	1.50	38.1	1.15	29.2
81512	6PC1F-M2S	7266-07375	1.20	30.5	1.06	26.9

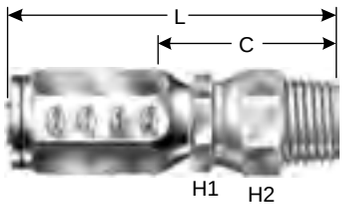
Male Pipe (NPTF - 30° Cone Seat)

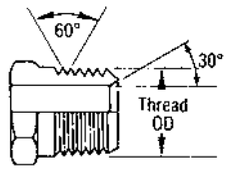




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G27100-0402	4C1T-2RMP	7231-81241	1/4	6.4	1/8-27	1/2	—	2.30	58.4	1.29	32.8
G27100-0404	4C1T-4RMP	7231-81210	1/4	6.4	1/4-18	9/16	—	2.52	64.0	1.51	38.4
G27100-0604	6C1T-4RMP	7231-81242	3/8	9.5	1/4-18	9/16	—	2.68	68.1	1.54	39.1
G27100-0606	6C1T-6RMP	7231-81211	3/8	9.5	3/8-18	11/16	—	2.53	64.3	1.39	35.3
G27100-0806	8C1T-6RMP	7231-81243	1/2	12.7	3/8-18	11/16	—	3.05	77.5	1.70	43.2
G27100-0808	8C1T-8RMP	7231-81212	1/2	12.7	1/2-14	7/8	—	3.06	77.7	1.71	43.4
G27100-0812	8C1T-12RMP	7231-81244	1/2	12.7	3/4-14	1 1/16	—	3.13	79.5	1.87	47.5
G27100-1212	12C1T-12RMP	7231-81213	3/4	19.0	3/4-14	1 1/16	—	3.19	81.0	1.73	43.9
G27100-1616	16C1T-16RMP	7231-81214	1	25.4	1-11 1/2	1 3/8	—	3.78	96.0	2.10	53.3

Male Pipe Swivel (NPTF - Without 30° Cone Seat)





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G27105-0404	4C1T-4RMPX	7231-22445	1/4	6.4	1/4-18	7/16	7/8	3.18	80.8	2.17	55.1
G27105-0606	6C1T-6RMPX	7231-22455	3/8	9.5	3/8-18	5/8	7/8	3.51	89.2	2.23	56.6
G27105-0808	8C1T-8RMPX	7231-22465	1/2	12.7	1/2-14	3/4	1	3.99	101.3	2.63	66.8
G27105-1212	12C1T-12RMPX	7231-22475	3/4	19.0	3/4-14	1 1/16	1 5/16	4.27	108.5	2.73	69.3

EQUIPMENT
HOSE/CPLG. SELECTION
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STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
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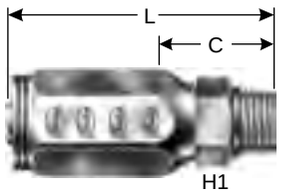
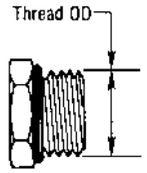
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Field Attachable 'Type T' for G1 Hose (1 Wire)

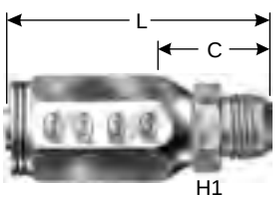
Male O-Ring Boss

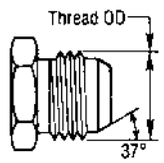




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G27120-0606	6C1T-6RMB	7231-22255	3/8	9.5	9/16-18	11/16	—	2.52	64.0	1.24	31.5
G27120-0608	6C1T-8RMB	7231-22265	3/8	9.5	3/4-16	7/8	—	2.59	65.8	1.32	33.5
G27120-0808	8C1T-8RMB	7231-22275	1/2	12.7	3/4-16	7/8	—	2.87	72.9	1.52	38.6
G27120-0810	8C1T-10RMB	7231-22285	1/2	12.7	7/8-14	1	—	3.11	79.0	1.76	44.7

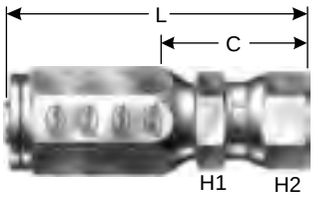
Male JIC 37° Flare

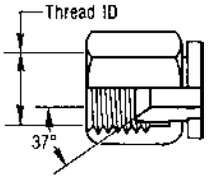




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G27165-0606	6C1T-6RMJ	7231-22185	3/8	9.5	9/16-18	9/16	—	2.68	68.1	1.40	35.6
G27165-0808	8C1T-8RMJ	7231-22195	1/2	12.7	3/4-16	3/4	—	3.05	77.5	1.70	43.2
G27165-0810	8C1T-10RMJ	7231-22205	1/2	12.7	7/8-14	7/8	—	3.31	84.1	1.96	49.8
G27165-1212	12C1T-12RMJ	7231-22215	3/4	19.0	1 1/16-12	1 1/16	—	3.52	89.4	1.98	50.3

Female JIC 37° Flare Swivel



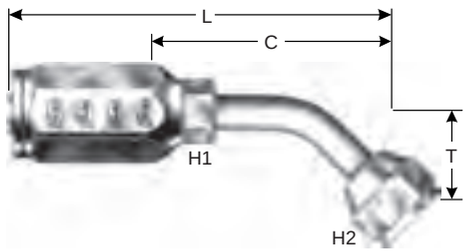


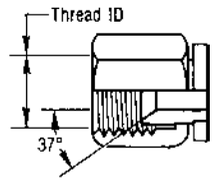
Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G27170-0404	4C1T-4RFJX	7231-81215	1/4	6.4	7/16-20	9/16	9/16	2.47	62.7	1.46	37.1
G27170-0405	4C1T-5RFJX	7231-81216	1/4	6.4	1/2-20	11/16	11/16	2.58	65.5	1.57	39.9
G27170-0606	6C1T-6RFJX	7231-81217	3/8	9.5	9/16-18	3/4	3/4	2.80	71.1	1.65	41.9
G27170-0608	6C1T-8RFJX	7231-81218	3/8	9.5	3/4-16	3/4	7/8	2.91	73.9	1.76	44.7

Female JIC 37° Flare Swivel - Cont'd

Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
G27170-0808	8C1T-8RFJX	7231-81219	1/2	12.7	3/4-16	13/16	7/8	3.24	82.3	1.89	48.0
G27170-0810	8C1T-10RFJX	7231-81220	1/2	12.7	7/8-14	13/16	1 1/16	3.34	84.8	1.99	50.5
G27170-1212	12C1T-12RFJX	7231-81221	3/4	19.0	1 1/16-12	1 1/8	1 1/4	3.45	87.6	1.91	48.5
G27170-1616	16C1T-16RFJX	7231-81222	1	25.4	1 5/16-12	1 3/8	1 1/2	3.90	99.1	2.22	56.4

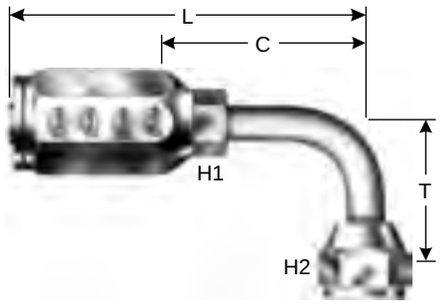
Female JIC 37° Flare Swivel - 45° Bent Tube

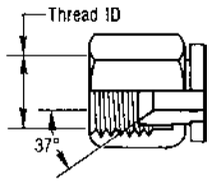




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G27175-0404	4C1T-4RFJX45	7231-22545	1/4	6.4	7/16-20	3/8	9/16	.33	8.4	2.80	71.1	1.79	45.5
G27175-0606	6C1T-6RFJX45	7231-22555	3/8	9.5	9/16-18	1/2	11/16	.39	9.9	3.37	85.6	1.79	45.5
G27175-0808	8C1T-8RFJX45	7231-22565	1/2	12.7	3/4-16	5/8	7/8	.55	14.0	4.11	104.4	2.10	53.3
G27175-1212	12C1T-12RFJX45	7231-22575	3/4	19.0	1 1/16-12	1 1/4	1 1/4	.78	19.8	4.70	119.4	3.16	80.3

Female JIC 37° Flare Swivel - 90° Bent Tube



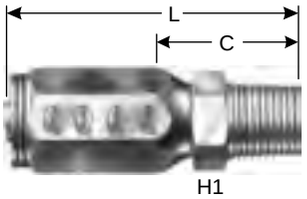


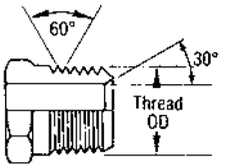
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G27180-0404	4C1T-4RFJX90	7231-22655	1/4	6.4	7/16-20	3/8	9/16	.68	17.3	2.69	68.3	1.68	42.7
G27180-0606	6C1T-6RFJX90	7231-22665	3/8	9.5	9/16-18	1/2	11/16	.85	21.6	3.28	83.3	2.00	50.8
G27180-0608	6C1T-8RFJX90	7231-22675	3/8	9.5	3/4-16	5/8	7/8	1.09	27.7	3.58	90.9	2.31	58.7
G27180-0808	8C1T-8RFJX90	7231-22685	1/2	12.7	3/4-16	5/8	7/8	1.09	27.7	3.86	98.0	2.51	63.8
G27180-0810	8C1T-10RFJX90	7231-22695	1/2	12.7	7/8-14	3/4	1	1.23	31.2	3.92	99.6	2.59	65.8
G27180-1212	12C1T-12RFJX90	7231-22705	3/4	19.0	1 1/16-12	1 1/4	1 1/4	1.82	46.2	4.59	116.6	3.05	77.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Field Attachable 'Type T' for G2 Hose (2 Wire)

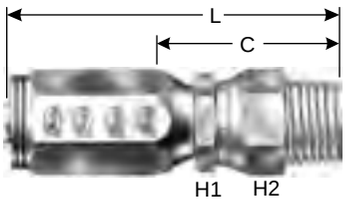
Male Pipe (NPTF - 30° Cone Seat)

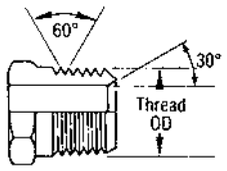




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G28100-0402	4C2AT-2RMP	7231-81247	1/4	6.4	1/8-27	1/2	—	2.30	58.4	1.23	31.2
G28100-0404	4C2AT-4RMP	7231-81223	1/4	6.4	1/4-18	9/16	—	2.52	64.0	1.45	36.8
G28100-0604	6C2AT-4RMP	7231-81248	3/8	9.5	1/4-18	9/16	—	2.68	68.1	1.45	36.8
G28100-0606	6C2AT-6RMP	7231-81224	3/8	9.5	3/8-18	11/16	—	2.53	64.3	1.30	33.0
G28100-0806	8C2AT-6RMP	7231-81249	1/2	12.7	3/8-18	11/16	—	3.05	77.5	1.63	41.4
G28100-0808	8C2AT-8RMP	7231-81225	1/2	12.7	1/2-14	7/8	—	3.06	77.7	1.64	41.6
G28100-0812	8C2AT-12RMP	7231-81251	1/2	12.7	3/4-14	1 1/16	—	3.13	79.5	1.71	43.4
G28100-1212	12C2AT-12RMP	7231-81226	3/4	19.0	3/4-14	1 1/16	—	3.19	81.0	1.65	41.9
G28100-1616	16C2AT-16RMP	7231-81227	1	25.4	1-11 1/2	1 3/8	—	3.78	96.0	2.04	51.8
G28100-2020	20C2AT-20RMP	7231-81228	1 1/4	31.8	1 1/4-11 1/2	1 3/4	—	4.59	116.6	2.49	63.2
G28100-2424	24C2AT-24RMP	7231-81252	1 1/2	38.1	1 1/2-11 1/2	2	—	5.18	131.6	2.68	68.1

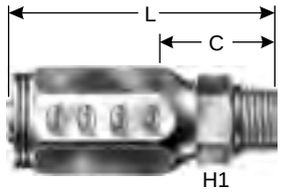
Male Pipe Swivel (NPTF - Without 30° Cone Seat)

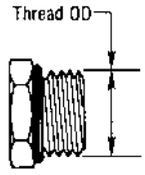




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G28105-0404	4C2AT-4RMPX	7231-22495	1/4	6.4	1/4-18	7/16	11/16	3.18	80.8	2.11	53.6
G28105-0606	6C2AT-6RMPX	7231-22505	3/8	9.5	3/8-18	5/8	7/8	3.51	89.2	2.27	57.7
G28105-0808	8C2AT-8RMPX	7231-22515	1/2	12.7	1/2-14	3/4	1	3.99	101.3	2.56	65.0
G28105-1212	12C2AT-12RMPX	7231-22525	3/4	19.0	3/4-14	1 1/16	1 5/16	4.27	108.5	2.73	69.3

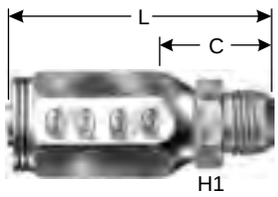
Male O-Ring Boss

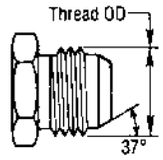




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G28120-0606	6C2AT-6RMB	7231-22355	3/8	9.5	9/16-18	11/16	—	2.52	64.0	1.28	32.5
G28120-0608	6C2AT-8RMB	7231-22365	3/8	9.5	3/4-16	7/8	—	2.59	65.8	1.36	34.5
G28120-0808	8C2AT-8RMB	7231-22375	1/2	12.7	3/4-16	7/8	—	2.87	72.9	1.45	36.8
G28120-0810	8C2AT-10RMB	7231-22385	1/2	12.7	7/8-14	1	—	3.11	79.0	1.59	40.4

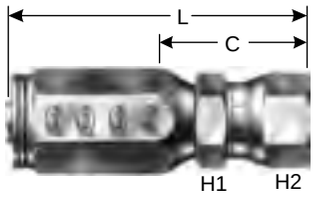
Male JIC 37° Flare

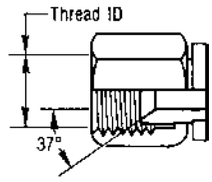




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G28165-0606	6C2AT-6RMJ	7231-22025	3/8	9.5	9/16-18	9/16	—	2.68	68.1	1.45	36.8
G28165-0808	8C2AT-8RMJ	7231-22045	1/2	12.7	3/4-16	3/4	—	3.05	77.5	1.63	41.4
G28165-0810	8C2AT-10RMJ	7231-22055	1/2	12.7	7/8-14	7/8	—	3.31	84.1	1.89	48.0
G28165-1212	12C2AT-12RMJ	7231-22065	3/4	19.0	1 1/16-12	1 1/16	—	3.52	89.4	1.98	50.3

Female JIC 37° Flare Swivel





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G28170-0404	4C2AT-4RFJX	7231-81229	1/4	6.4	7/16-20	9/16	9/16	2.47	62.7	1.40	35.6
G28170-0405	4C2AT-5RFJX	7231-81230	1/4	6.4	1/2-20	11/16	11/16	2.58	65.5	1.57	39.9
G28170-0606	6C2AT-6RFJX	7231-81231	3/8	9.5	9/16-18	3/4	3/4	2.80	71.1	1.56	39.6
G28170-0608	6C2AT-8RFJX	7231-81232	3/8	9.5	3/4-16	3/4	3/4	2.91	73.9	1.67	42.4

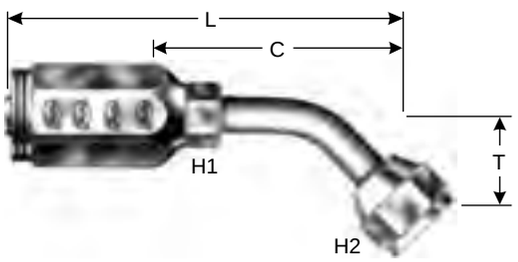
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

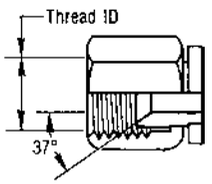
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female JIC 37° Flare Swivel - Cont'd

Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
G28170-0808	8C2AT-8RFJX	7231-81233	1/2	12.7	3/4-16	13/16	7/8	3.24	82.3	1.82	46.2
G28170-0810	8C2AT-10RFJX	7231-81234	1/2	12.7	7/8-14	13/16	1 1/16	3.34	84.8	1.92	48.8
G28170-1212	12C2AT-12RFJX	7231-81235	3/4	19.0	1 1/16-12	1 1/8	1 1/2	3.45	87.6	1.91	48.5
G28170-1616	16C2AT-16RFJX	7231-81236	1	25.4	1 5/16-12	1 3/8	1 1/2	3.90	99.1	2.16	54.9
G28170-2020	20C2AT-20RFJX	7231-81237	1 1/4	31.8	1 5/12-12	1 7/8	2	4.85	123.2	2.74	69.6
G28170-2424	24C2AT-24RFJX	7231-81254	1 1/2	38.1	1 7/8-12	2 1/8	2 1/4	5.26	133.6	2.76	70.1

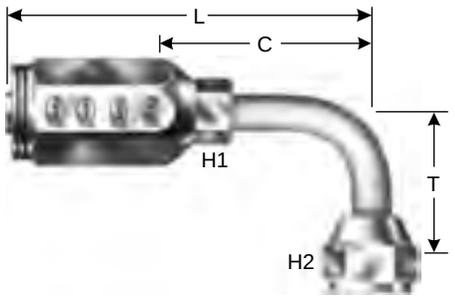
Female JIC 37° Flare Swivel - 45° Bent Tube

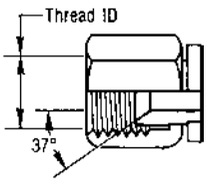




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G28175-0404	4C2AT-4RFJX45	7231-22595	1/4	6.4	7/16-20	3/8	9/16	.33	8.4	2.80	71.1	1.73	43.9
G28175-0606	6C2AT-6RFJX45	7231-22605	3/8	9.5	9/16-18	1/2	11/16	.39	9.9	3.37	85.6	2.14	54.4
G28175-0808	8C2AT-8RFJX45	7231-22615	1/2	12.7	3/4-16	5/8	7/8	.55	14.0	4.11	104.4	2.68	68.1
G28175-1212	12C2AT-12RFJX45	7231-22625	3/4	19.0	1 1/16-12	7/8	1 1/4	.78	19.8	4.70	119.4	3.16	80.3

Female JIC 37° Flare Swivel - 90° Bent Tube

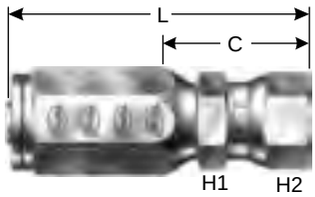




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G28180-0404	4C2AT-4RFJX90	7231-22755	1/4	6.4	7/16-20	3/8	9/16	.68	17.3	2.69	68.3	1.62	41.1
G28180-0606	6C2AT-6RFJX90	7231-22765	3/8	9.5	9/16-18	1/2	11/16	.85	21.6	3.28	83.3	2.04	51.8
G28180-0608	6C2AT-8RFJX90	7231-22775	3/8	9.5	3/4-16	5/8	7/8	1.09	27.7	3.58	90.9	2.35	59.7
G28180-0808	8C2AT-8RFJX90	7231-22785	1/2	12.7	3/4-16	5/8	7/8	1.09	27.7	3.86	98.0	2.42	61.5
G28180-0810	8C2AT-10RFJX90	7231-22795	1/2	12.7	7/8-14	3/4	1	1.23	31.2	3.92	99.6	2.50	63.5
G28180-1212	12C2AT-12RFJX90	7231-22805	3/4	19.0	1 1/16-12	7/8	1 1/4	1.82	46.2	4.59	116.6	3.05	77.5

Female Flat-Face O-Ring Swivel

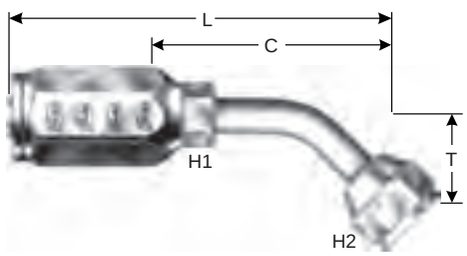
SAE J1453 O-Ring Face Seal.



Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G28230-0404	4C2AT-4RFFORX	7231-14105	1/4	6.4	9/16-18	43/64	43/64	2.50	63.5	1.43	36.3
G28230-0606	6C2AT-6RFFORX	7231-14125	3/8	9.5	11/16-16	7/8	7/8	2.88	73.1	1.64	41.7
G28230-0808	8C2AT-8RFFORX	7231-14145	1/2	12.7	13/16-16	61/64	61/64	3.37	85.6	1.94	42.3
G28230-1212	12C2AT-12RFFORX	7231-14165	3/4	19.1	1 13/16-16	1 1/8	1 13/32	2.03	51.6	3.57	90.7

Female Flat-Face O-Ring Swivel - 45° Bent Tube

SAE J1453 O-Ring Face Seal.



Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G28234-0404	4C2AT-4RFFORX45S	7231-14305	1/4	6.4	9/16-18	3/8	9/16	.68	17.3	2.69	68.3	1.62	41.1
G28234-0606	6C2AT-6RFFORX45S	7231-14325	3/8	9.5	11/16-16	1/2	11/16	.85	21.6	3.28	83.3	2.04	51.8
G28234-0808	8C2AT-8RFFORX45S	7231-14345	1/2	12.7	13/16-16	5/8	7/8	1.09	27.7	3.86	98.0	2.42	61.5
G28234-1212	12C2AT-12RFFORX45S	7231-14365	3/4	19.1	1 13/16-12	7/8	1 1/4	1.82	46.2	4.59	116.6	3.05	77.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
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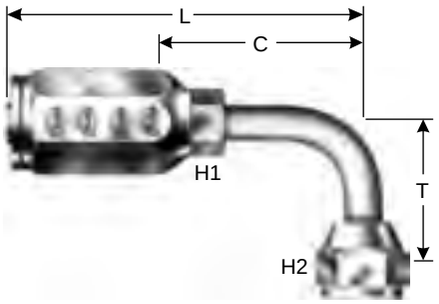
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Flat-Face O-Ring Swivel - 90° Bent Tube

SAE J1453 O-Ring Face Seal.



Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G28239-0404	4C2AT-4RFFORX90S	7231-14505	1/4	6.4	9/16-18	3/8	9/16	.68	17.3	2.69	68.3	1.62	41.1
G28239-0606	6C2AT-6RFFORX90S	7231-14525	3/8	9.5	11/16-16	1/2	11/16	.85	21.6	3.28	83.3	2.04	51.8
G28239-0808	8C2AT-8RFFORX90S	7231-14545	1/2	12.7	13/16-16	5/8	7/8	1.09	27.7	3.86	98.0	2.42	61.5
G28239-1212	12C2AT-12RFFORX90S	7231-14565	3/4	—	1 13/16-12	—	—	—	—	—	—	—	—

Coiled Air Brake Tubing

Recommended For: Truck air brake lines from back of cab to trailer. Conforms to SAE J844 specifications. Meets D.O.T. FMVSS 106.
Tube: Heat and light stabilized seamless extruded Nylon 11.
Reinforcement: One open ply of fibrous nylon.
Cover: Heat and light stabilized seamless extruded nylon.
Temperature Range: -40°F to +200°F

Part No.	Descr.	Prod. No.	⊖ "		
STANDARD PACK					
G30050-1208	8CABHX12	7250-18655	1/2	150	600
G30050-1508	8CABHX15	7250-18665	1/2	150	600

Tube Sleeve or Plug

Part No.	Descr.	Prod. No.	A1 "
STANDARD PACK			
G30050-0004	4TS-ABCT	7250-00015	1/4
G30050-0006	6TS-ABCT	7250-00025	3/8
G30050-0008	8TS-ABCT	7250-00035	1/2
G30050-0010	10TS-ABCT	7250-00045	5/8
G30050-0012	12TS-ABCT	7250-00055	3/4

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
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BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
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POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Tube Sleeve Nut

Part No.	Descr.	Prod. No.	A1 "
STANDARD PACK			
G30060-0004	4TSN-ABCT	7250-00065	1/4
G30060-0006	6TSN-ABCT	7250-00075	3/8
G30060-0008	8TSN-ABCT	7250-00085	1/2
G30060-0010	10TSN-ABCT	7250-00095	5/8
G30060-0012	12TSN-ABCT	7250-00105	3/4

Air Brake to Male Pipe

Part No.	Descr.	Prod. No.	A1 "	
STANDARD PACK				
G30100-0402	4ABCT-2MP	7250-00115	1/4	1/8-27
G30100-0404	4ABCT-4MP	7250-00125	1/4	1/4-18
G30100-0406	4ABCT-6MP	7250-00135	1/4	3/8-18
G30100-0602	6ABCT-2MP	7250-00145	3/8	1/8-27
G30100-0604	6ABCT-4MP	7250-00155	3/8	1/4-18
G30100-0606	6ABCT-6MP	7250-00165	3/8	3/8-18
G30100-0608	6ABCT-8MP	7250-00175	3/8	1/2-14
G30100-0804	8ABCT-4MP	7250-00185	1/2	1/4-18
G30100-0806	8ABCT-6MP	7250-00195	1/2	3/8-18
G30100-0808	8ABCT-8MP	7250-00205	1/2	1/2-14
G30100-1006	10ABCT-6MP	7250-00215	5/8	3/8-18
G30100-1008	10ABCT-8MP	7250-00225	5/8	1/2-14
G30100-1208	12ABCT-8MP	7250-00235	3/4	1/2-14
G30100-1212	12ABCT-12MP	7250-00245	3/4	3/4-14

Air Brake to Male Pipe - 45°

Part No.	Descr.	Prod. No.	A1 "	
STANDARD PACK				
G30102-0604	6ABCT-4MP45	7250-00255	3/8	1/4-18
G30102-0606	6ABCT-6MP45	7250-00265	3/8	3/8-18
G30102-0806	8ABCT-6MP45	7250-00275	1/2	3/8-18
G30102-1008	10ABCT-8MP45	7250-00285	5/8	1/2-14

Air Brake to Male Pipe - 90°

Part No.	Descr.	Prod. No.	A1 "	
STANDARD PACK				
G30104-0402	4ABCT-2MP90	7250-00295	1/4	1/8-27
G30104-0404	4ABCT-4MP90	7250-00305	1/4	1/4-18
G30104-0602	6ABCT-2MP90	7250-00315	3/8	1/8-27
G30104-0604	6ABCT-4MP90	7250-00325	3/8	1/4-18
G30104-0606	6ABCT-6MP90	7250-00335	3/8	3/8-18
G30104-0608	6ABCT-8MP90	7250-00345	3/8	1/2-14
G30104-0804	8ABCT-4MP90	7250-00355	1/2	1/4-18
G30104-0806	8ABCT-6MP90	7250-00365	1/2	3/8-18
G30104-0808	8ABCT-8MP90	7250-00375	1/2	1/2-14
G30104-1006	10ABCT-6MP90	7250-00385	5/8	3/8-18
G30104-1008	10ABCT-8MP90	7250-00395	5/8	1/2-14
G30104-1208	12ABCT-8MP90	7250-00405	3/4	1/2-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
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POWER STEERING
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QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Air Brake to Male Pipe - 90° - Long

Part No.	Descr.	Prod. No.	A1 "	
STANDARD PACK				
G30106-0602	6ABCT-2MP90L	7250-00415	3/8	1/8-27
G30106-0604	6ABCT-4MP90L	7250-00425	3/8	1/4-18
G30106-0806	8ABCT-6MP90L	7250-00435	1/2	3/8-18

Male Pipe to Air Brake to Air Brake - Tee

Part No.	Descr.	Prod. No.	A1	A2	
STANDARD PACK					
G30130-0406	4MP-6ABCT-6ABCT	7250-00445	3/8	3/8	1/4-18
G30130-0606	6MP-6ABCT-6ABCT	7250-00455	3/8	3/8	3/8-18
G30130-0608	6MP-8ABCT-8ABCT	7250-00465	1/2	1/2	3/8-18

Air Brake to Female Pipe

Part No.	Descr.	Prod. No.	A1 "	
STANDARD PACK				
G30150-0602	6ABCT-2FP	7250-00515	3/8	1/8-27
G30150-0604	6ABCT-4FP	7250-00525	3/8	1/4-18
G30150-0606	6ABCT-6FP	7250-00535	3/8	3/8-18
G30150-0806	8ABCT-6FP	7250-00545	1/2	3/8-18

Air Brake to Female Pipe - 90°

Part No.	Descr.	Prod. No.	A1 "	
STANDARD PACK				
G30154-0604	6ABCT-4FP90	7250-00555	3/8	1/4-18
G30154-0806	8ABCT-6FP90	7250-00575	—	—

Air Brake Union

Part No.	Descr.	Prod. No.	A1	A2
STANDARD PACK				
G30400-0404	4ABCT-4ABCT	7250-00595	1/4	1/4
G30400-0606	6ABCT-6ABCT	7250-00605	3/8	3/8
G30400-0808	8ABCT-8ABCT	7250-00615	1/2	1/2
G30400-1010	10ABCT-10ABCT	7250-00625	5/8	5/8
G30400-1212	12ABCT-12ABCT	7250-00635	3/4	3/4

Air Brake Union - 90°

Part No.	Descr.	Prod. No.	A1	A2
STANDARD PACK				
G30404-0606	6ABCT-6ABCT90	7250-00645	3/8	3/8
G30404-0808	8ABCT-8ABCT90	7250-00655	1/2	1/2
G30404-1010	10ABCT-10ABCT90	7250-00665	5/8	5/8

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
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LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Air Brake Union - Tee

Part No.	Descr.	Prod. No.	A1	A2	A3
STANDARD PACK					
G30450-0606	6ABCT-6ABCT-6ABCT	7250-00675	3/8	3/8	3/8
G30450-0608	6ABCT-6ABCT-8ABCT	7250-00685	3/8	3/8	1/2
G30450-0808	8ABCT-8ABCT-8ABCT	7250-00695	1/2	1/2	1/2

Recommended For: Truck, bus and mobile air brake, and service lines where heat and battery acids are not present. Conforms to SAE J844 specifications. Meets D.O.T. FMVSS 106-74.

Tube: Heat and light stabilized seamless extruded nylon.

Reinforcement: Type A: Non-reinforced in sizes 1/8", 5/32", 3/16" and 1/4". NOTE: 1/8" and 5/32" are NOT recognized by D.O.T. for air brake systems, these are for service lines only.
Type B: Reinforced with one open ply of fibrous nylon in sizes 5/16", 3/8", 1/2", 5/8" and 3/4".

Cover: Nylon. Available in black (NABTA), blue (NABTB), green (NABTG), red (NABTR), yellow (NABTY), orange (NABTO), purple (NABTP), brown (NABTN), silver (NABTS) and white (NABTW) colors. Other colors available upon request.

Temperature Range: -40°F to +200°F (-40°C to +93°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Gates DOT Compression
Gates DOT SureLok™ Couplings

Part No.	Description	Product No.	I.D.	Type			R	Standard Pack
H30002-02	2NABTA X100FT	4327-0049	1/8	A	150	800	.37	1
H30000-02	2NABTAXLG REEL	4327-0117	1/8	A	150	800	.37	1000
H300002-25	2.5NABTAX100FT	4327-0050	5/32	A	150	800	.5	1
H30002-03	3NABTA X100FT	4327-0051	3/16	A	150	800	.75	1
H30002-04	4NABTA X100FT	4327-0052	1/4	B	150	800	1.0	1
H30000-04	4NABTAXLG REEL	4327-0101	1/4	A	150	800	1.0	1000
H30062-04	4NABTB X100FT	4327-0068	1/4	A	150	800	1.0	1
H30042-04	4NABTG X100FT	4327-0058	1/4	A	150	800	1.0	1
H30010-04	4NABTNXREEL	4327-0103	1/4	A	150	800	1.0	4000
H30082-04	4NABTO X100FT	4327-0078	1/4	A	150	960	1.0	1
H30052-04	4NABTR X100FT	4327-0063	1/4	A	150	800	1.0	1
H30090-04	4NABTSXREEL	4327-0106	1/4	A	150	800	1.0	1000
H30072-04	4NABTY X100FT	4327-0073	1/4	A	150	800	1.0	1
H30002-05	5NABTA X100FT	4327-0053	5/16	B	150	800	1.25	1
H30000-05	5NABTAXREEL	4327-0120	5/16	B	150	800	1.25	500
H30002-06	6NABTA X100FT	4327-0054	3/8	B	150	800	1.5	1
H30000-06	6NABTAXLG REEL	4327-0201	3/8	B	150	800	1.5	1000
H30062-06	6NABTB X100FT	4327-0069	3/8	B	150	800	1.25	1
H30042-06	6NABTG X100FT	4327-0059	3/8	B	150	800	1.25	1
H30082-06	6NABTO X100FT	4327-0079	3/8	B	150	1,120	1.25	1
H30052-06	6NABTR X100FT	4327-0064	3/8	B	150	800	1.25	1
H30072-06	6NABTY X100FT	4327-0074	3/8	B	150	800	1.25	1
H30070-06	6NABTYXREEL	4327-0111	3/8	B	150	800	1.25	1000
H30002-08	8NABTA X100FT	4327-0055	1/2	B	150	760	2.0	1
H30000-08	8NABTAXREEL	4327-0112	1/2	B	150	760	2.0	500
H30062-08	8NABTB X100FT	4327-0070	1/2	B	150	760	2.0	1
H30042-08	8NABTG X100FT	4327-0060	1/2	B	150	760	2.0	1
H30082-08	8NABTO X100FT	4327-0080	1/2	B	150	760	2.0	1
H30052-08	8NABTR X100FT	4327-0065	1/2	B	150	760	2.0	1
H30090-08	8NABTSXREEL	4327-0114	1/2	B	150	760	2.0	500
H30072-08	8NABTY X100FT	4327-0075	1/2	B	150	760	2.0	1
H30003-10	10NABTA X50FT	4327-0056	5/8	B	150	720	2.5	1
H30000-10	10NABTAXREEL	4327-0115	5/8	B	150	720	2.5	250
H30063-10	10NABTB X50FT	4327-0071	5/8	B	150	720	2.5	1
H30043-10	10NABTG X50FT	4327-0061	5/8	B	150	720	2.5	1
H30083-10	10NABTO X50FT	4327-0081	5/8	B	150	720	2.5	1
H30053-10	10NABTR X50FT	4327-0066	5/8	B	150	720	2.5	1
H30073-10	10NABTY X50FT	4327-0076	5/8	B	150	720	2.5	1
H30003-12	12NABTA X50FT	4327-0057	3/4	B	150	640	3.0	1
H30000-12	12NABTAXREEL	4327-0116	3/4	B	150	640	3.0	250
H30063-12	12NABTB X50FT	4327-0072	3/4	B	150	640	3.0	1
H30043-12	12NABTG X50FT	4327-0062	3/4	B	150	640	3.0	1
H30083-12	12NABTO X 50FT	4327-0082	3/4	B	150	640	3.0	1
H30053-12	12NABTR X50FT	4327-0067	3/4	B	150	640	3.0	1
H30073-12	12NABTY X50FT	4327-0077	3/4	B	150	640	3.0	1

EQUIPMENT
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GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
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STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
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COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
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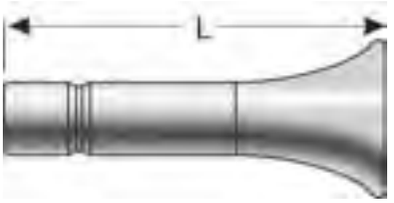
Air Brake Plugs

Recommended For: Compressed air as a connector on all air brake systems at locations other than between chassis frame and axle or between towed and towing vehicle. Also as a connector on all air operated systems as applicable to suspension, steering, engine, transmission and auxiliary mechanisms. Fittings and tubing comply to D.O.T. FMVSS 106, mandatory requirements for inch tube fittings is U.S.A., Society for Automotive Engineers (SAE J1131, inch tube and fittings) and meets DIN 74324 and German TUV requirements (metric tube and fittings).

Temperature Range: -40°F to +220°F (-40°C to +100°C).



Part No.	Descr.	Prod. No.	⌀	L	
			"	"	mm
STANDARD PACK					
G31050-0004	4AB-PLUG	7250-14505	1/4	1.12	28.5
G31050-0006	6AB-PLUG	7250-14515	3/8	1.34	34.0
G31050-0008	8AB-PLUG	7250-14525	1/2	1.48	37.5
G31050-0025	2.5AB-PLUG	7250-14535	5/32	1.04	26.5

Air Brake Cartridge

Part No.	Descr.	Prod. No.	⌀ A1
			"
STANDARD PACK			
G31080-0003	3CARTRIDGE-AB	7250-00705	3/16
G31080-0004	4CARTRIDGE-AB	7250-00715	1/4
G31080-0006	6CARTRIDGE-AB	7250-00725	3/8
G31080-0008	8CARTRIDGE-AB	7250-00735	1/2
G31080-0010	10CARTRIDGE-AB	7250-00745	5/8
G31080-0012	12CARTRIDGE-AB	7250-00755	3/4
G31080-0025	25CARTRIDGE-AB	7250-00765	5/32

Air Brake to Male Pipe

Part No.	Descr.	Prod. No.	ID		H1	H2	L	
			"		"	"	"	mm
STANDARD PACK								
G31100-0202	2AB-2MP	7250-14545	1/8	1/8-27	7/16	—	.67	16.9
G31100-0302	3AB-2MP	7250-00775	3/16	1/8-27	1/2	—	1.02	25.8
G31100-0401	4AB-1MP	7250-14555	1/4	1/8-27	7/16	—	.94	24.0
G31100-0402	4AB-2MP	7250-00785	1/4	1/8-27	1/2	—	1.04	26.3
G31100-0404	4AB-4MP	7250-00795	1/4	1/4-18	9/16	—	1.17	29.8
G31100-0406	4AB-6MP	7250-00805	1/4	3/8-18	11/16	—	1.20	30.5
G31100-0602	6AB-2MP	7250-00815	3/8	1/8-27	11/16	—	1.32	33.6
G31100-0604	6AB-4MP	7250-00825	3/8	1/4-18	11/16	—	1.48	37.6
G31100-0606	6AB-6MP	7250-00835	3/8	3/8-18	11/16	—	1.42	36.1
G31100-0608	6AB-8MP	7250-00845	3/8	1/2-14	7/8	—	1.46	37.1
G31100-0804	8AB-4MP	7250-00855	1/2	1/4-18	7/8	—	1.68	42.6
G31100-0806	8AB-6MP	7250-00865	1/2	3/8-18	7/8	—	1.64	41.6
G31100-0808	8AB-8MP	7250-00875	1/2	1/2-14	7/8	—	1.72	43.6
G31100-1006	10AB-6MP	7250-00885	5/8	3/8-18	11/16	—	1.87	47.5
G31100-1008	10AB-8MP	7250-00895	5/8	1/2-14	11/16	—	2.12	53.5
G31100-1208	12AB-8MP	7250-14565	3/4	1/2-14	13/16	—	2.11	53.5
G31100-1212	12AB-12MP	7250-00905	3/4	3/4-14	1 1/16	—	2.21	56.1
G31100-2501	2.5AB-1MP	7250-00915	5/32	1/16-32	11/32	—	.43	11.0
G31100-2502	2.5AB-2MP	7250-00925	5/32	1/8-27	7/16	—	.89	22.7

Air Brake to Male Pipe - 45°

Part No.	Descr.	Prod. No.	ID		H1	H2	T		L	
			"		"	"	"	mm	"	mm
STANDARD PACK										
G31102-0402	4AB-2MP45	7250-00935	1/4	1/8-27	—	14.30	.81	20.6	1.68	42.7
G31102-0404	4AB-4MP45	7250-00945	1/4	1/4-18	—	14.30	.98	24.9	1.87	47.5
G31102-0602	6AB-2MP45	7250-00955	3/8	1/8-27	—	19.00	.93	23.6	1.95	49.5
G31102-0604	6AB-4MP45	7250-00965	3/8	1/4-18	—	19.00	1.10	27.9	2.16	54.9
G31102-0606	6AB-6MP45	7250-00975	3/8	3/8-18	—	19.00	1.12	28.4	2.22	56.4

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Air Brake to Male Pipe - 45° - Cont'd

Part No.	Descr.	Prod. No.			H1	H2	T		L	
			"		"	"	"	mm	"	mm
G31102-0608	6AB-8MP45	7250-00985	3/8	1/2-14	—	22.00	1.30	33.0	2.44	62.0
G31102-0804	8AB-4MP45	7250-00995	1/2	1/2-18	—	22.00	1.10	27.9	2.32	58.9
G31102-0806	8AB-6MP45	7250-01005	1/2	3/8-18	—	22.00	1.12	28.4	2.38	60.5
G31102-0808	8AB-8MP45	7250-01015	1/2	1/2-14	—	22.00	1.30	33.0	2.60	66.0
G31102-1006	10AB-6MP45	7250-01025	5/8	3/8-18	—	27.00	1.02	25.9	2.48	63.0
G31102-1008	10AB-8MP45	7250-01035	5/8	1/2-14	—	27.00	1.22	31.0	2.68	68.1
G31102-1208	12AB-8MP45	7250-14575	3/4	1/2-14	—	25.40	1.30	33.0	2.82	71.6
G31102-1212	12AB-12MP45	7250-01045	3/4	3/4-14	—	27.00	1.91	48.5	99.60	3.9

Air Brake to Male Pipe - 90°

Part No.	Descr.	Prod. No.			H1	H2	T		L	
			"		mm	mm	"	mm	"	mm
STANDARD PACK										
G31104-0202	2AB-2MP90	7250-14585	1/8	1/8-27	7.0	—	.66	16.8	.67	17.0
G31104-0302	3AB-2MP90	7250-01055	3/16	1/8-27	12.0	—	.75	19.0	.81	20.5
G31104-0402	4AB-2MP90	7250-01065	1/4	1/8-27	14.0	—	.79	20.0	.81	20.5
G31104-0404	4AB-4MP90	7250-01075	1/4	1/4-18	18.0	—	1.02	26.0	.87	22.0
G31104-0406	4AB-6MP90	7250-01085	1/4	3/8-18	22.0	—	1.10	28.0	.94	24.0
G31104-0408	4AB-8MP90	7250-14595	1/4	1/2-14	24.0	—	1.38	35.0	.96	24.5
G31104-0602	6AB-2MP90	7250-01095	3/8	1/8-27	18.0	—	.87	22.0	1.08	27.5
G31104-0604	6AB-4MP90	7250-01105	3/8	1/4-18	18.0	—	1.02	26.0	1.06	27.0
G31104-0606	6AB-6MP90	7250-01115	3/8	3/8-18	22.0	—	1.10	28.0	1.14	29.0
G31104-0608	6AB-8MP90	7250-01125	3/8	1/2-14	24.0	—	1.38	35.0	1.14	29.0
G31104-0804	8AB-4MP90	7250-01135	1/2	1/4-18	22.0	—	1.14	29.0	1.22	31.0
G31104-0806	8AB-6MP90	7250-01145	1/2	3/8-18	22.0	—	1.14	29.0	1.26	32.0
G31104-0808	8AB-8MP90	7250-01155	1/2	1/2-14	24.0	—	1.38	35.0	1.28	32.5
G31104-1006	10AB-6MP90	7250-01165	5/8	3/8-18	22.0	—	1.22	31.0	1.44	36.5
G31104-1008	10AB-8MP90	7250-01175	5/8	1/2-14	30.0	—	1.42	36.0	1.54	39.0
G31104-1208	12AB-8MP90	7250-14605	3/4	1/2-14	24.0	—	1.48	37.5	1.52	38.5
G31104-1212	12AB-12MP90	7250-14615	3/4	3/4-14	27.0	—	2.00	50.8	2.15	54.6
G31104-2501	25AB-1MP90	7250-01185	5/32	1/16-32	7.0	—	1.00	25.4	1.00	22.0
G31104-2502	2.5AB-2MP90	7250-01195	5/32	1/8-27	7.0	—	1.00	25.4	.87	22.0

Air Brake to Male Pipe Swivel - 90° with port

Part No.	Descr.	Prod. No.	ID		H1	H2	T		L	
			"		mm	mm	"	mm	"	mm
STANDARD PACK										
G31105-0604P	6AB-4MP-2PT90	7250-14625	3/8	1/4-18	22.0	—	1.10	28.0	1.20	30.5
G31105-0606P	6AB-6MP-2PT90	7250-14635	3/8	3/8-18	22.0	—	1.10	28.0	1.12	28.5
G31105-0806P	8AB-6MP-2PT90	7250-14645	1/2	3/8-18	22.0	—	1.14	29.0	1.26	32.0
G31105-0808P	8AB-8MP-4PORT90	7250-14655	1/2	1/2-14	24.0	—	1.38	35.0	1.28	32.5
G31105-1212P	12AB-12MP-4PORT90	7250-14665	3/4	3/4-14	24.0	—	1.48	37.5	1.52	38.5

Air Brake to Male Pipe Swivel - 45°

Part No.	Descr.	Prod. No.	ID		H1	H2	T		L	
			"		"	"	"	mm	"	mm
STANDARD PACK										
G31122-0402	4AB-2MPX45	7250-01205	—	1/8-27	—	7/16	1.06	26.9	.74	18.8
G31122-0404	4AB-4MPX45	7250-01215	1/4	1/4-18	—	9/16	1.11	282.0	.77	19.6
G31122-0602	6AB-2MPX45	7250-14675	3/8	1/8-27	—	9/16	1.05	26.7	1.05	26.7
G31122-0604	6AB-4MPX45	7250-01225	3/8	1/4-18	—	11/16	1.26	32.0	1.05	26.7
G31122-0606	6AB-6MPX45	7250-01235	3/8	3/8-18	—	3/4	1.26	32.0	1.05	26.7
G31122-0608	6AB-8MPX45	7208-10655	3/8	1/2-14	—	7/8	1.38	—	1.15	—
G31122-0806	8AB-6MPX45	7250-01245	1/2	3/8-18	—	3/4	1.38	—	1.15	—
G31122-0808	8AB-8MPX45	7250-01255	1/2	1/2-14	—	7/8	1.62	41.1	1.25	31.8
G31122-1008	10AB-8MPX45	7250-14695	5/8	1/2-14	—	7/8	1.42	36.0	1.51	38.6

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STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Air Brake to Male Pipe Swivel - 90°

Part No.	Descr.	Prod. No.			H1	H2	T		L	
			"		mm	mm	"	mm	"	mm
STANDARD PACK										
G31124-0402	4AB-2MPX90	7250-01265	1/4	1/8-27	14.0	11.0	.91	23.2	.83	21.2
G31124-0404	4AB-4MPX90	7250-01275	1/4	1/4-18	18.0	14.0	1.12	28.4	.83	21.2
G31124-0406	4AB-6MPX90	7250-01285	1/4	3/8-18	22.0	19.0	1.25	31.7	.85	21.5
G31124-0602	6AB-2MPX90	7250-01295	3/8	1/8-27	18.0	14.0	1.05	26.7	1.07	27.3
G31124-0604	6AB-4MPX90	7250-01305	3/8	1/4-18	18.0	19.0	1.29	32.7	1.07	27.3
G31124-0606	6AB-6MPX90	7250-01315	3/8	3/8-18	22.0	19.0	1.24	31.6	1.07	27.3
G31124-0608	6AB-8MPX90	7250-01325	3/8	1/2-14	24.0	22.0	1.44	36.8	1.07	27.3
G31124-0804	8AB-4MPX90	7250-01335	1/2	1/4-18	22.0	22.0	1.27	32.2	1.27	32.3
G31124-0806	8AB-6MPX90	7250-01345	1/2	3/8-18	22.0	22.0	1.42	36.1	1.27	32.3
G31124-0808	8AB-8MPX90	7250-01355	1/2	1/2-14	24.0	22.0	1.62	41.1	1.27	32.3
G31124-1006	10AB-6MPX90	7250-01365	3/8	3/8-18	30.0	29.0	1.38	—	1.40	—
G31124-1008	10AB-8MPX90	7250-01375	5/8	1/2-14	30.0	22.0	1.48	37.6	1.54	39.1
G31124-1208	12AB-8MPX90	7250-14705	3/4	1/2-14	24.0	22.0	1.53	38.9	1.55	39.4
G31124-1212	12AB-12MPX90	7250-14715	3/4	3/4-14	26.0	24.0	1.48	24.0	1.52	38.6
G31124-2502	2.5AB-2MPX90	7250-14725	5/32	1/8-27	7.0	11.0	.91	23.2	.83	21.2

Male Pipe to Air Brake to Air Brake - Tee

Part No.	Descr.	Prod. No.				H1	H2	T		L	
			A1	A2		mm	mm	"	mm	"	mm
STANDARD PACK											
G31130-0204	2MP-4AB-4AB	7250-01385	1/8	1/8	1/4-18	14.0	—	.89	22.5	1.67	42.5
G31130-0404	4MP-4AB-4AB	7250-01395	1/4	1/4	1/4-18	18.0	—	.89	22.5	1.85	47.0
G31130-0406	4MP-6AB-6AB	7250-14745	1/4	3/8	1/4-18	18.0	—	1.08	27.5	2.05	52.0
G31130-0604	6MP-4AB-4AB	7250-01405	1/4	1/4	3/8-18	22.0	—	.93	23.5	2.03	51.5
G31130-0606	6MP-6AB-6AB	7250-01415	3/8	3/8	3/8-18	22.0	—	1.14	29.0	2.24	57.0
G31130-0608	6MP-8AB-8AB	7250-01425	1/2	1/2	3/8-18	22.0	—	1.30	33.0	2.44	62.0
G31130-0806	8MP-6AB-6AB	7250-14755	3/8	3/8	1/2-14	24.0	—	1.22	31.0	2.64	67.0
G31130-0808	8MP-8AB-8AB	7250-14765	1/2	1/2	1/2-14	24.0	—	1.62	41.1	2.50	63.5

Male Pipe to Air Brake to Air Brake - Tee - Cont'd

Part No.	Descr.	Prod. No.	A1	A2		H1 mm	H2 mm	T "	T mm	L "	L mm
G31131-0406	4MP-4AB-6AB	7250-14775	1/4	3/8	1/4-18	18.0	—	1.08	27.5	1.85	47.0
G31131-0604	6MP-4AB-6AB	7250-14785	1/4	3/8	3/8-18	22.0	—	1.14	29.0	2.03	51.5
G31131-0608	6MP-6AB-8AB	7250-14795	3/8	1/2	1/8-18	22.0	—	1.30	33.0	2.36	60.0
G31132-0406	4MP-6AB-4AB	7250-14805	3/8	1/4	1/4-18	18.0	—	.93	23.5	2.05	52.0
G31132-0604	6MP-6AB-4AB	7250-14815	3/8	1/4	3/8-18	22.0	—	.93	23.5	2.24	57.0
G31132-0608	6MP-8AB-6AB	7250-14825	1/2	3/8	3/8-18	22.0	—	1.22	31.0	2.44	62.0

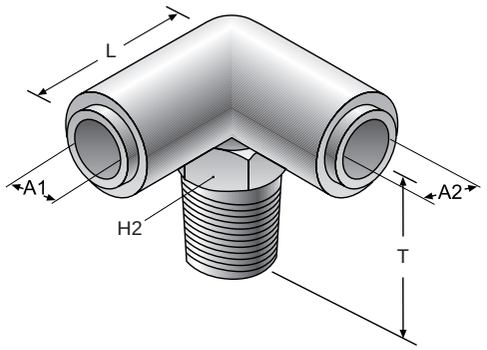
Air Brake on Run to Male Pipe - Tee

Part No.	Descr.	Prod. No.	A1	A2		H1 mm	H2 mm	T "	T mm	L "	L mm
STANDARD PACK											
G31134-0302	3AB-3AB-2MP	7250-01435	3/16	3/16	1/8-27	14.0	—	.79	20.0	1.69	43.0
G31134-0402	4AB-4AB-2MP	7250-01445	1/4	1/4	1/8-27	14.0	—	.79	20.0	1.69	43.0
G31134-0404	4AB-4AB-4MP	7250-01455	1/4	1/4	1/4-18	18.0	—	.96	24.5	1.77	45.0
G31134-0406	4AB-4AB-6MP	7250-14835	1/4	1/4	3/8-18	22.0	—	1.10	28.0	1.93	49.0
G31134-0604	6AB-6AB-4MP	7250-01465	3/8	3/8	1/4-18	18.0	—	.96	24.5	2.17	55.0
G31134-0606	6AB-6AB-6MP	7250-01475	3/8	3/8	3/8-18	22.0	—	1.10	28.0	2.28	58.0
G31134-0804	8AB-8AB-4MP	7250-01485	1/2	1/2	1/4-18	22.0	—	1.14	29.0	2.44	62.0
G31134-0806	8AB-8AB-6MP	7250-01495	1/2	1/2	3/8-18	22.0	—	1.14	29.0	2.60	66.0
G31134-0808	8AB-8AB-8MP	7250-01505	1/2	1/2	1/2-14	24.0	—	1.42	36.0	2.68	68.0
G31135-0604	6AB-4AB-4MP	7250-14845	3/8	3/8	1/4-18	18.0	—	.96	24.5	1.97	50.0
G31135-0806	8AB-6AB-8MP	7250-14865	1/2	3/8	1/2-14	22.0	—	1.22	31.0	2.48	63.0
G31136-1008	10AB-8AB-8MP	7250-14885	5/8	1/2	1/2-14	30.0	—	1.46	37.0	2.78	70.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Air Brake to Male Pipe - Tee - 90°



Part No.	Descr.	Prod. No.	A1	A2		H1	H2	T		L	
						mm	mm	"	mm	"	mm
STANDARD PACK											
G31138-0606	6AB-6AB-6MP90	7250-14895	3/8	3/8	3/8-18	—	22.0	1.34	34.0	1.18	30.0
G31138-0806	8AB-8AB-6MP90	7250-14905	1/2	1/2	3/8-18	—	20.0	1.34	34.0	1.30	33.0

Male Pipe Swivel to Air Brake to Air Brake - Tee

Part No.	Descr.	Prod. No.	A1	A2		H1	H2	T		L	
						mm	mm	"	mm	"	mm
STANDARD PACK											
G31140-0204	2MPX-4AB-4AB	7250-01515	1/8	1/8	1/8-27	—	11.0	.83	21.2	1.75	44.4
G31140-0404	4MPX-4AB-4AB	7250-01525	1/4	1/4	1/4-18	—	14.0	.83	21.2	1.95	49.6
G31140-0406	4MPX-6AB-6AB	7250-14925	1/4	1/4	1/4-18	—	19.0	1.07	27.3	2.36	60.0
G31140-0604	6MPX-6AB-4AB	7250-01535	3/8	3/8	1/4-18	—	14.0	.95	24.1	2.32	58.9
G31140-0606	6MPX-6AB-6AB	7250-01545	3/8	3/8	3/8-18	—	19.0	1.07	27.3	2.32	58.9
G31140-0608	6MPX-8AB-8AB	7250-01555	1/2	1/2	3/8-18	—	22.0	1.27	32.3	2.69	68.4
G31140-0808	8MPX-8AB-8AB	7250-01565	1/2	1/2	1/2-14	—	22.0	1.27	32.3	2.89	73.4

Air Brake on Run to Male Pipe Swivel - Tee

Part No.	Descr.	Prod. No.	A1	A2		H1	H2	T		L	
						mm	mm	"	mm	"	mm
STANDARD PACK											
G31142-0302	3AB-3AB-2MPX	7250-14935	3/16	3/16	1/8-27	—	11.0	.89	22.6	1.57	39.9
G31142-0402	4AB-4AB-2MPX	7250-01575	1/4	1/4	1/8-27	—	11.0	.91	23.2	1.67	42.4
G31142-0404	4AB-4AB-4MPX	7250-01585	1/4	1/4	1/4-18	—	14.0	1.12	28.4	1.67	42.4
G31142-0602	6AB-6AB-2MPX	7250-14945	3/8	3/8	1/8-27	—	14.0	1.09	27.7	1.92	48.8
G31142-0604	6AB-6AB-4MPX	7250-01595	3/8	3/8	1/4-18	—	19.0	1.29	32.7	2.17	55.0
G31142-0606	6AB-6AB-6MPX	7250-14955	3/8	3/8	3/8-18	—	19.0	1.24	31.6	2.17	55.0
G31142-0804	8AB-8AB-4MPX	7250-01605	1/2	1/2	1/4-18	—	22.0	1.39	35.2	2.56	65.0
G31142-0806	8AB-8AB-6MPX	7250-01615	1/2	1/2	3/8-18	—	22.0	1.42	36.1	2.56	65.0
G31142-0808	8AB-8AB-8MPX	7250-14965	1/2	1/2	1/2-14	—	22.0	1.62	41.1	2.56	65.0

Air Brake to Female Pipe

Part No.	Descr.	Prod. No.			H1	H2	L	
			"		"	"	"	mm
STANDARD PACK								
G31150-0806	8AB-6FP	7250-01685	1/2	3/8-18	7/8	—	2.11	53.5
G31150-0402	4AB-2FP	7250-01625	1/4	1/8-27	9/16	—	1.31	33.3
G31150-0404	4AB-4FP	7250-01635	1/4	1/4-18	11/16	—	1.59	40.3
G31150-0602	6AB-2FP	7250-01645	3/8	1/8-27	9/16	—	1.74	44.3
G31150-0604	6AB-4FP	7250-01655	3/8	1/4-18	11/16	—	1.74	44.3
G31150-0606	6AB-6FP	7250-01665	3/8	3/8-18	7/8	—	1.78	45.3
G31150-0804	8AB-4FP	7250-01675	1/2	1/4-18	11/16	—	2.00	50.8
G31150-0808	8AB-8FP	7250-01695	1/2	1/2-14	11/16	—	2.11	53.5
G31150-2502	2.5AB-2FP	7250-14975	5/32	1/8-27	9/16	—	1.18	30.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

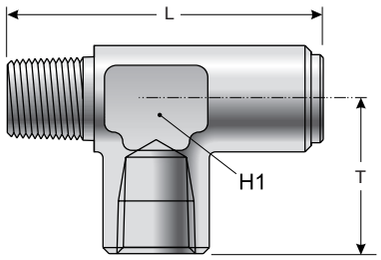
Air Brake to Female Pipe - 90°

Part No.	Descr.	Prod. No.			H1	H2	T		L	
			"		mm	mm	"	mm	"	mm
STANDARD PACK										
G31154-0302	3AB-2FP90	7250-14985	3/16	1/8-27	14.0	—	.71	18.0	.87	22.0
G31154-0402	4AB-2FP90	7250-01705	1/4	1/8-27	14.0	—	.71	18.0	.94	24.0
G31154-0404	4AB-4FP90	7250-01715	1/4	1/4-18	18.0	—	.79	20.0	1.08	27.5
G31154-0406	4AB-6FP90	7250-14995	1/4	3/8-18	18.0	—	.79	20.0	1.08	27.5
G31154-0602	6AB-2FP90	7250-01725	3/8	1/8-27	13.0	—	.79	20.0	1.31	33.3
G31154-0604	6AB-4FP90	7250-01735	3/8	1/4-18	18.0	—	.79	20.0	1.31	33.3
G31154-0606	6AB-6FP90	7250-01745	3/8	3/8-18	22.0	—	.79	20.0	1.31	33.3
G31154-0804	8AB-4FP90	7250-01755	1/2	1/4-18	18.0	—	.94	24.0	1.16	29.5
G31154-0806	8AB-6FP90	7250-01765	1/2	3/8-18	22.0	—	.94	24.0	1.16	29.5
G31154-0808	8AB-8FP90	7250-01775	1/2	1/2-14	16.0	—	.94	24.0	1.16	29.5

Air Brake on Run to Female Pipe - Tee with Bracket

Part No.	Descr.	Prod. No.				T		L	
			A1	A2		"	mm	"	mm
STANDARD PACK									
G31160-0604	6AB-6AB-4FP	7250-01785	3/8	3/8	3/8-18	1.06	27.0	2.34	59.4

Male Pipe to Air Brake to Female Pipe - Tee



Part No.	Descr.	Prod. No.				H1	T		L	
			"	"	"	"	"	mm	"	mm
STANDARD PACK										
G31167-0406	4MP-6AB-4FP	7250-15015	1/4	1/4-18	1/4-18	18	.96	24.4	2.05	52.0
G31167-0408	4MP-8AB-4FP	7208-11435	1/2	1/4-18	1/4-18	22	1.14	29.0	1.97	50.0
G31167-0608	6MP-8AB-4FP	7250-15035	1/2	3/8-18	1/4-18	22	1.14	29.0	2.05	52.1
G31167-0808	8MP-8AB-2FP	7250-15045	1/2	1/2-14	1/8-27	24	.96	24.4	2.40	61.0

Air Brake to Male Pipe to Female Pipe

Part No.	Descr.	Prod. No.				H1	T		L	
			"	"	"	"	"	mm	"	mm
STANDARD PACK										
G31168-0604	6AB-6MP-4FP	7250-01795	1/2	3/8-18	1/4-18	22.00	1.14	29.0	2.05	52.1

Air Brake Bulkhead

Part No.	Descr.	Prod. No.			H1	H2	L	
			A1	A2	"	"	"	mm
STANDARD PACK								
G31300-0404	4AB-4AB-BKHD	7250-01805	1/4	1/4	15/16	15/16	1.41	35.9
G31300-0606	6AB-6AB-BKHD	7250-01815	3/8	3/8	1 1/8	1 1/8	1.75	44.5
G31300-0806	8AB-6AB-BKHD	7250-15055	1/2	1/2	1 1/8	1 1/8	1.89	48.0
G31300-0808	8AB-8AB-BKHD	7250-01825	1/2	1/2	1 5/16	1 5/16	2.02	51.4
G31300-1010	10AB-10AB-BKHD	7250-01835	5/8	5/8	1 1/2	1 1/2	2.34	59.5

Air Brake to Male Flareless Assembly Bulkhead

Part No.	Descr.	Prod. No.			H1	H2	L	
			"		"	"	"	mm
STANDARD PACK								
G31350-0404	4AB-4MFA-BKHD	7250-15065	1/4	1/4	11/16	15/16	.50	12.7
G31350-0606	6AB-6MFA-BKHD	7250-15075	3/8	3/8	7/8	7/8	.68	17.3

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Air Brake to Female Pipe Bulkhead

Part No.	Descr.	Prod. No.			H1	H2	L	
			"		mm	"	"	mm
STANDARD PACK								
G31360-0402	4AB-2FP-BKHD	7250-15085	1/4	1/8-27	22.0	15/16	1.32	33.5
G31360-0404	4AB-4FP-BKHD	7250-01845	1/4	1/4-18	22.0	15/16	1.59	40.5
G31360-0604	6AB-4FP-BKHD	7250-15095	3/8	1/4-18	24.0	1 1/8	2.20	56.0
G31360-0606	6AB-6FP-BKHD	7250-01855	3/8	3/8-18	27.0	1 1/8	2.20	56.0
G31360-0608	6AB-8FP-BKHD	7250-15105	3/8	1/2-14	27.0	1 1/8	2.20	56.0
G31360-0806	8AB-6FP-BKHD	7250-15115	1/2	3/8-18	27.0	1 5/16	1.89	48.0
G31360-0808	8AB-8FP-BKHD	7250-01865	1/2	1/2-14	27.0	1 5/16	2.64	67.0

Air Brake to Gladhand Bulkhead

Part No.	Descr.	Prod. No.			H1	H2	L	
			"		"	"	"	mm
STANDARD PACK								
G31377-0808	8AB-8GH-BKHD	7250-15125	1/2	1/12	1 1/16	1 5/16	2.64	67.0

Air Brake Union

Part No.	Descr.	Prod. No.			L	
			A1	A2	"	mm
STANDARD PACK						
G31400-0202	2AB-2AB	7250-15135	1/8	1/8	1.15	29.3
G31400-0303	3AB-3AB	7250-15145	3/16	3/16	1.36	34.6
G31400-0404	4AB-4AB	7250-01875	1/4	1/4	1.40	35.6
G31400-0604	6AB-4AB	7250-15155	3/8	3/8	1.71	43.5
G31400-0606	6AB-6AB	7250-01885	3/8	3/8	1.74	44.1
G31400-0806	8AB-6AB	7250-15165	1/2	3/8	1.91	48.5
G31400-0808	8AB-8AB	7250-01895	1/2	1/2	2.01	51.1
G31400-1010	10AB-10AB	7250-01905	5/8	5/8	2.42	61.5
G31400-1212	12AB-12AB	7250-15175	3/4	3/4	2.48	63.0
G31400-2525	2.5AB-2.5AB	7250-01915	5/32	5/32	1.18	30.0

Air Brake Union - 90°

Part No.	Descr.	Prod. No.	⌀		T		L	
			A1	A2	"	mm	"	mm
STANDARD PACK								
G31404-0404	4AB-4AB90	7250-01925	1/4	1/4	.83	21.0	.83	21.0
G31404-0606	6AB-6AB90	7250-01935	3/8	3/8	1.07	27.1	1.07	27.1
G31404-0808	8AB-8AB90	7250-01945	1/2	1/2	1.26	32.1	1.26	32.1
G31404-1010	10AB-10AB90	7250-15185	5/8	5/8	1.48	37.5	1.61	41.0

Air Brake Union - Tee

Part No.	Descr.	Prod. No.	⌀			T		L	
			A1	A2	A3	"	mm	"	mm
STANDARD PACK									
G31450-0202	2AB-2AB-2AB	7250-15195	1/8	1/8	1/4	.63	15.9	1.26	32.0
G31450-0303	3AB-3AB-3AB	7250-15205	3/16	3/16	3/8	.72	19.6	1.44	34.0
G31450-0404	4AB-4AB-4AB	7250-01955	1/4	1/4	1/2	.93	21.0	1.65	42.0
G31450-0606	6AB-6AB-6AB	7250-01965	3/8	3/8	3/8	1.07	27.1	2.13	54.2
G31450-0808	8AB-8AB-8AB	7250-01975	1/2	1/2	1/2	1.26	32.1	2.53	64.2
G31450-1010	10AB-10AB-10AB	7250-15215	5/8	5/8	1/8	1.54	39.0	3.07	78.0
G31450-1212	12AB-12AB-12AB	7250-15225	3/4	3/4	3/4	1.56	39.5	3.12	79.0
G31451-0406	4AB-4AB-6AB	7250-15235	1/4	1/4	3/8	.93	23.5	2.01	51.0
G31451-0604	6AB-6AB-4AB	7250-15245	3/8	3/8	1/4	.93	23.5	2.17	55.0
G31451-0608	6AB-6AB-8AB	7250-15255	3/8	3/8	1/2	1.28	32.5	2.36	60.0
G31451-0804	8AB-8AB-4AB	7250-15265	1/2	1/2	1/4	.98	25.0	2.52	64.0
G31451-0806	8AB-8AB-6AB	7250-15275	1/2	1/2	1/2	1.22	31.0	2.44	62.0
G31451-1008	10AB-8AB-10AB	7250-15285	5/8	1/2	5/8	1.56	39.5	3.01	76.5
G31452-0604	6AB-4AB-4AB	7250-15295	3/8	1/4	1/4	.93	23.5	2.01	51.0
G31452-0806	8AB-6AB-6AB	7250-15305	1/2	3/8	3/8	1.18	30.0	2.46	62.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
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SURELOK
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AIR BRAKE HOSE ASSEMBLIES
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POLARSEAL II COUPLINGS
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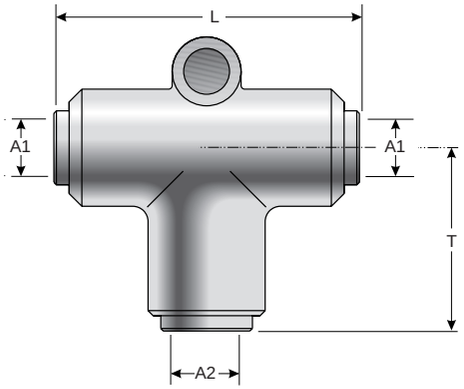
Air Brake Union - Tee with Mounting Hole



Part No.	Descr.	Prod. No.	⌀		T		L	
			A1	A2	"	mm	"	mm
STANDARD PACK								
G31453-0608	6AB-6AB-8ABMH	7250-15315	3/8	1/2	1.42	36.0	2.36	60.0

6-Port Manifold

Part No.	Descr.	Prod. No.	⌀		D		L	
			A1	A2	"	mm	"	mm
STANDARD PACK								
G31970-0604	6AB-4MANIFOLD	7250-15325	1/4	3/8	2.76	70.1	4.10	104.1

Air Brake Assortments

Part No.	Prod. No.	Descr.
STANDARD PACK		
85111	7369-0111	Air Line Repair Kit
85112	7369-0112	Air Brake Repair Kit
85113	7369-0113	Trans Line Repair Kit
85114	7369-0114	Tubing Repair Kit
A33001	7369-3001	Air Brake Small Surelok Assortment
A33002	7369-3002	Air Brake Large Surelok Assortment

EQUIPMENT
HOSE/CPLG. SELECTION
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Notes

SureLok™ Quick-Release Pliers

Part No.	Prod. No.	Descr.
STANDARD PACK		
91017	7468-0030	4 PK Sure-Lok Pliers
91020	7468-0033	Lg Angled Sure-Lok Pliers
91021	7468-0034	Sm Angled Sure-Lok Pliers
91022	7468-0035	Lg Vertical Sure-Lok Pliers
91023	7468-0036	Sm Vertical Sure-Lok Pliers

Hand-Held Hose Cutter & Replacement Blades

Part No.	Prod. No.	Descr.
STANDARD PACK		
91143	7469-0143	Large ID Hose Cutter
91144	7469-0144	Large ID Hose Cutter Replacement Blade
91153	7469-0153	Hand Held Hose Cutter (Red)
91154	7469-0154	Repl Blade for Red Hose Cutter (91153)

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
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PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
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QUICK DISCONNECT COUPLERS
BALL VALVES
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EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
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POLARSEAL II COUPLINGS
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Small Nylon Tubing Cutter & Replacement Blades

Part No.	Prod. No.	Descr.
STANDARD PACK		
78015	7208-40105	Tubing Cutter
78016	7208-40205	Blades for Hose Cutter

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
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HOSE CUTTERS & TOOLS
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GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
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Tube Sleeve Insert

Recommended For: Compressed air as a connector on all air brake systems at locations other than between chassis frame and axle or between towed and towing vehicle. Also as a connector on all air operated systems as applicable to suspension, steering, engine, transmission and auxiliary mechanisms. Fittings and tubing comply to D.O.T. FMVSS 571.106, mandatory requirements for inch tube fittings is U.S.A. and Society for Automotive Engineers (SAE J1131, inch tube and fittings) requirements.

Temperature Range: -40°F to +200°F (-40°C to +100°C).

Part No.	Descr.	Prod. No.	A1	L	
			"	"	mm
STANDARD PACK					
G32040-0004	4TSI-ABC	7250-01985	1/4	.53	13.5
G32040-0006	6TSI-ABC	7250-01995	3/8	.64	16.3
G32040-0008	8TSI-ABC	7250-02005	1/2	.81	20.6
G32040-0010	10TSI-ABC	7250-02015	5/8	.86	21.8
G32040-0012	12TSI-ABC	7250-02025	3/4	1.04	26.4

Tube Sleeve

Part No.	Descr.	Prod. No.	A1	L	
			"	"	mm
STANDARD PACK					
G32050-0004	4TS-ABC	7250-02035	1/4	.30	7.6
G32050-0006	6TS-ABC	7250-02045	3/8	.39	9.9
G32050-0008	8TS-ABC	7250-02055	1/2	.43	10.9
G32050-0010	10TS-ABC	7250-02065	5/8	.49	12.4
G32050-0012	12TS-ABC	7250-02075	3/4	.54	13.7

Tube Sleeve Nut

Part No.	Descr.	Prod. No.	A1	H2	L	
			"	"	"	mm
STANDARD PACK						
G32060-0004	4TSN-ABC	7250-02085	9/16	9/16	.45	11.4
G32060-0006	6TSN-ABC	7250-02095	5/8	5/8	.63	16.0
G32060-0008	8TSN-ABC	7250-02105	13/16	13/16	.72	18.3
G32060-0010	10TSN-ABC	7250-02115	3/4	15/16	.77	19.6

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
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MEGACRIMP COUPLINGS
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BALL VALVES
KITS

Tube Sleeve Nut - Cont'd

Part No.	Descr.	Prod. No.	A1	H2	L	
			"	"	"	mm
G32060-0012	12TSN-ABC	7250-02125	15/16	1 1/8	.81	20.6

Air Brake to Male Pipe

Part No.	Descr.	Prod. No.	A1		H1	H2	L	
			"		"	"	"	mm
STANDARD PACK								
G32100-0401	4ABC-1MP	7250-02135	1/4	1/16-32	7/16	7/16	1.22	31.0
G32100-0402	4ABC-2MP	7250-02145	1/4	1/8-27	7/16	9/16	1.22	31.0
G32100-0404	4ABC-4MP	7250-02155	1/4	1/4-18	9/16	9/16	1.43	36.3
G32100-0406	4ABC-6MP	7250-02165	1/4	3/8-18	11/16	9/16	1.47	37.3
G32100-0602	6ABC-2MP	7250-02175	3/8	1/8-27	9/16	5/8	1.49	37.8
G32100-0604	6ABC-4MP	7250-02185	3/8	1/4-18	9/16	5/8	1.67	42.4
G32100-0606	6ABC-6MP	7250-02195	3/8	3/8-18	11/16	5/8	1.70	43.2
G32100-0608	6ABC-8MP	7250-02205	3/8	1/2-14	7/8	5/8	1.89	48.0
G32100-0804	8ABC-4MP	7250-02215	1/2	1/4-18	11/16	13/16	1.85	47.0
G32100-0806	8ABC-6MP	7250-02225	1/2	3/8-18	11/16	13/16	1.85	47.0
G32100-0808	8ABC-8MP	7250-02235	1/2	1/2-14	7/8	13/16	2.04	51.8
G32100-0812	8ABC-12MP	7250-02245	1/2	3/4-14	7/8	1 1/8	2.10	53.3
G32100-1006	10ABC-6MP	7250-02255	5/8	3/8-18	13/16	15/16	1.88	47.8
G32100-1008	10ABC-8MP	7250-02265	5/8	1/2-14	7/8	15/16	2.10	53.3
G32100-1012	10ABC-12MP	7250-02275	5/8	3/4-14	1 1/16	15/16	2.19	55.6
G32100-1208	12ABC-8MP	7250-02285	3/4	1/2-14	1	1 1/8	2.19	55.6
G32100-1212	12ABC-12MP	7250-02295	3/4	3/4-14	1 1/16	1 1/8	2.22	56.4

Air Brake to Male Pipe - 45°

Part No.	Descr.	Prod. No.	A1		H1	H2	T		L	
			"		"	"	"	mm	"	mm
STANDARD PACK										
G32102-0402	4ABC-2MP45	7250-02305	1/4	1/8-27	—	9/16	.63	16.0	1.44	36.6
G32102-0404	4ABC-4MP45	7250-02315	1/4	1/4-18	—	9/16	.63	16.0	1.44	36.6
G32102-0602	6ABC-2MP45	7250-02325	3/8	1/8-27	—	5/8	.71	18.0	1.83	46.5
G32102-0604	6ABC-4MP45	7250-02335	3/8	1/4-18	—	5/8	.85	21.6	2.02	51.3
G32102-0606	6ABC-6MP45	7250-02345	3/8	3/8-18	—	5/8	.94	23.9	2.15	54.6
G32102-0608	6ABC-8MP45	7250-02355	3/8	1/2-14	—	5/8	.94	23.9	2.20	55.9
G32102-0804	8ABC-4MP45	7250-02365	1/2	1/4-18	—	13/16	.94	23.9	2.20	55.9
G32102-0806	8ABC-6MP45	7250-02375	1/2	3/8-18	—	13/16	.94	23.9	2.30	58.4

Air Brake to Male Pipe - 45° - Cont'd

Part No.	Descr.	Prod. No.	A1		H1	H2	T		L	
			"		"	"	"	mm	"	mm
G32102-0808	8ABC-8MP45	7250-02385	1/2	1/2-14	—	13/16	1.16	29.5	2.55	64.8
G32102-1008	10ABC-8MP45	7250-02395	5/8	1/2-14	—	15/16	1.16	29.5	2.58	65.5

Air Brake to Male Pipe - 90°

Part No.	Descr.	Prod. No.	A1		H1	H2	T		L	
			"		"	"	"	mm	"	mm
STANDARD PACK										
G32104-0402	4ABC-2MP90	7250-02405	1/4	1/8-27	—	9/16	.66	16.8	.95	24.1
G32104-0404	4ABC-4MP90	7250-02415	1/4	1/4-18	—	9/16	.87	22.1	1.00	25.4
G32104-0406	4ABC-6MP90	7250-02425	1/4	3/8-18	—	9/16	.86	21.8	1.16	29.5
G32104-0602	6ABC-2MP90	7250-02435	3/8	1/8-27	—	5/8	.75	19.0	1.19	30.2
G32104-0604	6ABC-4MP90	7250-02445	3/8	1/4-18	—	5/8	.92	23.4	1.25	31.8
G32104-0606	6ABC-6MP90	7250-02455	3/8	3/8-18	—	5/8	.91	23.1	1.30	33.0
G32104-0608	6ABC-8MP90	7250-02465	3/8	1/2-14	—	5/8	1.10	27.9	1.40	35.6
G32104-0804	8ABC-4MP90	7250-02475	1/2	1/4-18	—	13/16	.99	25.1	1.38	35.1
G32104-0806	8ABC-6MP90	7250-02485	1/2	3/8-18	—	13/16	.99	25.1	1.44	36.6
G32104-0808	8ABC-8MP90	7250-02495	1/2	1/2-14	—	13/16	1.18	30.0	1.55	39.4
G32104-1006	10ABC-6MP90	7250-02505	5/8	3/8-18	—	15/16	1.05	26.7	1.49	37.8
G32104-1008	10ABC-8MP90	7250-02515	5/8	1/2-14	—	15/16	1.24	31.5	1.58	40.1
G32104-1012	10ABC-12MP90	7250-02525	5/8	3/4-14	—	15/16	1.32	31.5	1.77	45.0
G32104-1206	12ABC-6MP90	7250-02535	3/4	3/8-18	—	1 1/8	1.32	31.5	1.70	43.2
G32104-1208	12ABC-8MP90	7250-02545	3/4	1/2-14	—	1 1/8	1.32	33.5	1.70	43.2
G32104-1212	12ABC-12MP90	7250-15335	3/4	3/4-14	—	1 1/8	1.32	33.5	1.77	45.0

Air Brake to Male Pipe - 90° - Long

Part No.	Descr.	Prod. No.	A1	
			"	
STANDARD PACK				
G32106-0602	6ABC-2MP90L	7250-02555	3/8	1/8-27

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Air Brake to Male Pipe - 90° - Long - Cont'd

Part No.	Descr.	Prod. No.	A1	
			"	
G32106-0604	6ABC-4MP90L	7250-02565	3/8	1/4-18
G32106-0806	8ABC-6MP90L	7250-02575	1/2	3/8-18

Male Pipe to Air Brake to Air Brake - Tee

Part No.	Descr.	Prod. No.				H1	H2	T		L	
			A1	A2		"	"	"	mm	"	mm
STANDARD PACK											
G32130-0204	2MP-4ABC-4ABC	7250-02595	1/4	1/4	1/8-27	—	7/16	1.00	25.4	1.87	47.5
G32130-0402	4ABC-2MP-4ABC	7250-15345	1/4	1/4	1/8-27	—	7/16	1.0022	25.4	1.87	47.5
G32130-0404	4MP-4ABC-4ABC	7250-15355	1/4	1/4	1/4-18	—	9/16	1.00	25.4	1.87	47.5
G32130-0406	4MP-6ABC-6ABC	7250-15365	3/8	1/4	1/4-18	—	5/8	1.25	31.8	2.17	55.1
G32130-0604	6ABC-4MP-6ABC	7250-02605	—	—	—	—	—	—	—	—	—
G32130-0606	6MP-6ABC-6ABC	7250-02615	3/8	3/8	3/8-18	—	5/8	1.30	33.0	2.21	56.1
G32130-0608	6MP-8ABC-8ABC	7250-15375	1/2	1/2	3/8-18	—	13/16	1.45	36.8	2.54	64.5
G32130-0806	8ABC-6MP-8ABC	7250-02625	—	—	—	—	—	—	—	—	—
G32130-0808	8MP-8ABC-8ABC	7250-15385	1/2	1/2	3/8-18	—	13/16	1.45	36.8	2.63	66.8
G32130-0810	8MP-10ABC-10ABC	7250-15395	5/8	5/8	1/2-14	—	15/16	1.60	40.6	2.84	72.1
G32131-0406	4MP-4ABC-6ABC	7250-02655	3/8	1/4	1/4-18	—	5/8	1.00	25.4	1.87	42.5

Air Brake on Run to Male Pipe - Tee

Part No.	Descr.	Prod. No.				H1	H2	T		L	
			A1	A2		"	"	"	mm	"	mm
STANDARD PACK											
G32134-0402	4ABC-4ABC-2MP	7250-02675	1/4	1/4	1/8-27	—	9/16	.66	16.8	1.90	48.3
G32134-0404	4ABC-4ABC-4MP	7250-15405	1/4	1/4	1/4-18	—	9/16	.87	22.1	2.00	50.8
G32134-0602	6ABC-6ABC-2MP	7250-02685	3/8	3/8	1/8-27	—	9/16	.87	22.1	2.00	50.8
G32134-0604	6ABC-6ABC-4MP	7250-02695	3/8	3/8	1/4-18	—	5/8	.75	19.0	2.36	59.9
G32134-0606	6ABC-6ABC-6MP	7250-02705	3/8	3/8	3/8-18	—	5/8	.92	23.4	2.50	63.5
G32134-0806	8ABC-8ABC-6MP	7250-02715	1/2	1/2	3/8-18	—	5/8	.91	23.1	2.60	66.0
G32134-0808	8ABC-8ABC-8MP	7250-02725	1/2	1/2	1/2-14	—	13/16	.99	25.1	2.90	73.7
G32134-1008	10ABC-10ABC-8MP	7250-15425	5/8	5/8	1/2-14	—	15/16	1.24	31.5	3.20	81.3

Air Brake on Run to Male Pipe - Tee - Cont'd

Part No.	Descr.	Prod. No.	A1	A2		H1	H2	T		L	
						"	"	"	mm	"	mm
G32136-0604	6ABC-4ABC-4MP	7250-02735	3/8	1/4	1/4-18	—	5/8	.92	23.4	2.50	63.5
G32136-0804	8ABC-8ABC-4MP	7250-02745	1/2	1/2	1/4-18	—	5/8	.91	23.1	2.60	66.0
G32136-0806	8ABC-6ABC-6MP	7250-02755	1/2	3/8	3/8-18	—	13/16	.99	25.1	2.90	73.7

Air Brake to Female Pipe

Part No.	Descr.	Prod. No.	A1		H1	H2	L	
			"		"	"	"	mm
STANDARD PACK								
G32150-0402	4ABC-2FP	7250-02765	1/4	1/8-27	9/16	9/16	1.17	29.7
G32150-0404	4ABC-4FP	7250-15435	1/4	1/4-18	11/16	9/16	1.40	35.6
G32150-0602	6ABC-2FP	7250-02775	3/8	1/8-27	9/16	5/8	1.46	37.1
G32150-0604	6ABC-4FP	7250-02785	3/8	1/4-18	11/16	5/8	1.64	41.7
G32150-0606	6ABC-6FP	7250-02795	3/8	3/8-18	7/8	5/8	1.64	41.7
G32150-0806	8ABC-6FP	7250-02805	1/2	3/8-18	7/8	13/16	1.79	45.5
G32150-0808	8ABC-8FP	7250-15445	1/2	1/2-14	1 1/16	13/16	1.96	49.8
G32150-1006	10ABC-6FP	7250-15455	5/8	3/8-18	7/8	15/16	1.80	45.7
G32150-1008	10ABC-8FP	7250-15465	5/8	1/2-14	1 1/16	15/16	1.99	50.5
G32150-1208	12ABC-8FP	7250-02815	3/4	1/2-14	1 1/16	15/16	2.10	53.3

Air Brake to Female Pipe - 90°

Part No.	Descr.	Prod. No.	A1		H1	H2	T		L	
			"		"	"	"	mm	"	mm
STANDARD PACK										
G32154-0402	4ABC-2FP90	7250-02825	1/4	1/8-27	—	9/16	.52	13.2	1.02	25.9
G32154-0404	4ABC-4FP90	7250-15475	1/4	1/4-18	—	9/16	.71	18.0	1.11	28.2
G32154-0602	6ABC-2FP90	7250-15485	3/8	1/8-27	—	5/8	.59	15.0	1.29	32.8
G32154-0604	6ABC-4FP90	7250-02835	3/8	1/4-18	—	5/8	.77	19.6	1.35	34.3
G32154-0606	6ABC-6FP90	7250-02845	3/8	3/8-18	—	5/8	.77	19.6	1.39	35.3
G32154-0806	8ABC-6FP90	7250-02855	1/2	3/8-18	—	13/16	.82	20.8	1.55	39.4
G32154-0808	8ABC-8FP90	7250-15495	1/2	1/2-14	—	13/16	1.01	25.7	1.65	41.9
G32154-1008	10ABC-8FP90	7250-15505	5/8	1/2-14	—	15/16	1.07	27.2	1.70	43.2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
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C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
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POLARSEAL II COUPLINGS
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BALL VALVES
KITS

Air Brake on Run to Female Pipe - Tee

Part No.	Descr.	Prod. No.	A1	A2	
STANDARD PACK					
G32160-0604	6ABC-6ABC-4FP	7250-02865	3/8	3/8	1/4-18
G32160-0804	8ABC-8ABC-4FP	7250-02875	1/2	1/2	1/4-18
G32160-1004	10ABC-10ABC-4FP	7250-02885	5/8	5/8	1/4-18

Air Brake Bulkhead

Part No.	Descr.	Prod. No.	A1	A2	H1	H2	L	
					"	"	"	mm
STANDARD PACK								
G32300-0404	4ABC-4ABC-BKHD	7250-02935	1/4	1/4	9/16	9/16	2.04	51.8
G32300-0606	6ABC-6ABC-BKHD	7250-02945	3/8	3/8	11/16	3/4	2.54	64.5
G32300-0808	8ABC-8ABC-BKHD	7250-02955	1/2	1/2	13/16	1	2.92	74.2
G32300-1010	10ABC-10ABC-BKHD	7250-02965	5/8	5/8	15/16	1 1/16	3.04	77.2

Air Brake Union

Part No.	Descr.	Prod. No.	A1	A2	H1	H2	L	
					"	"	"	mm
STANDARD PACK								
G32400-0404	4ABC-4ABC	7250-02975	1/4	1/4	7/16	9/16	1.49	37.8
G32400-0606	6ABC-6ABC	7250-02985	3/8	3/8	9/16	5/8	2.00	50.8
G32400-0808	8ABC-8ABC	7250-02995	1/2	1/2	11/16	13/16	2.33	59.2
G32400-1010	10ABC-10ABC	7250-03005	5/8	5/8	13/16	15/16	2.39	60.7
G32400-1212	12ABC-12ABC	7250-03015	3/4	3/4	1	1 1/8	2.60	66.0

Air Brake Union - 90°

Part No.	Descr.	Prod. No.	⌀		H1	H2	T		L	
			A1	A2	"	"	"	mm	"	mm
STANDARD PACK										
G32404-0404	4ABC-4ABC90	7250-03025	1/4	1/4	7/16	9/16	1.00	25.4	.95	24.1
G32404-0606	6ABC-6ABC90	7250-03035	3/8	3/8	9/16	5/8	1.25	31.8	1.25	31.8
G32404-0808	8ABC-8ABC90	7250-03045	1/2	1/2	11/16	13/16	1.45	36.8	1.45	36.8
G32404-1010	10ABC-10ABC90	7250-03055	5/8	5/8	13/16	15/16	1.58	40.1	1.58	40.1

Air Brake Union - Tee

Part No.	Descr.	Prod. No.	⌀			H1	H2	T		L	
			A1	A2	A3	"	"	"	mm	"	mm
STANDARD PACK											
G32450-0404	4ABC-4ABC-4ABC	7250-03065	1/4	1/4	1/4	7/16	9/16	.95	24.1	1.90	48.3
G32450-0406	4ABC-6ABC-6ABC	7250-03075	1/4	3/8	3/8	1/16	9/16	1.10	27.9	2.20	55.9
G32450-0604	6ABC-6ABC-4ABC	7250-03085	3/8	3/8	1/4	9/16	7/16	1.10	27.9	2.20	55.9
G32450-0606	6ABC-6ABC-6ABC	7250-03095	3/8	3/8	3/8	9/16	5/8	1.24	31.5	2.48	63.0
G32450-0608	6ABC-6ABC-8ABC	7250-03105	3/8	3/8	1/2	9/16	11/16	1.30	33.0	2.60	66.0
G32450-0806	8ABC-8ABC-6ABC	7250-03115	1/2	1/2	3/8	11/16	9/16	1.45	36.8	2.90	73.7
G32450-0808	8ABC-8ABC-8ABC	7250-03125	1/2	1/2	1/2	11/16	13/16	1.45	36.8	2.90	73.7
G32450-1010	10ABC-10ABC-10ABC	7250-03135	5/8	5/8	5/8	13/16	15/16	1.58	40.1	3.16	80.3
G32452-0806	8ABC-6ABC-8ABC	7250-03145	1/2	3/8	1/2	11/16	9/16	1.30	33.0	2.60	66.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
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C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
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BALL VALVES
KITS

Air Brake to Male Pipe Truck Valve - 90°

Part No.	Descr.	Prod. No.	A1		T		L	
			"		"	mm	"	mm
STANDARD PACK								
G32601-0808	8ABC-8MP90TV	7250-15535	1/2	1/2-14	1.88	47.8	2.45	62.2

Male Pipe to Air Brake Truck Valve - 90°

Part No.	Descr.	Prod. No.	A1		T		L	
			"		"	mm	"	mm
STANDARD PACK								
G32602-0808	8MP-8ABC90TV	7250-15545	1/2	1/2-14	1.88	47.8	2.40	61.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
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HOSE CUTTERS & TOOLS
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BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

1/2" ID Hose with½" Fixed Male Pipe NPTF and⅜" Male Pipe NPTF Swivel

Part No.	Descr.	Prod. No.	Length	
			"	mm
STANDARD PACK				
27286	8AB-8MP-6MPA-18	7745-0286	18	457.2
27287	8AB-8MP-6MPA-20	7745-0287	20	508.0
27289	8AB-8MP-6MPA-24	7745-0289	24	609.6
27291	8AB-8MP-6MPA-28	7745-0291	28	711.1
27292	8AB-8MP-6MPA-30	7745-0292	30	762.0
27293	8AB-8MP-6MPA-32	7745-0293	32	812.8
27294	8AB-8MP-6MPA-34	7745-0294	34	863.6
27295	8AB-8MP-6MPA-36	7745-0295	36	914.4
27297	8AB-8MP-6MPA-42	7745-0297	42	1066.8

1/2" ID Hose with⅜" Fixed Male Pipe NPTF and⅜" Male Pipe NPTF Swivel with Adapter

Part No.	Descr.	Prod. No.	Length	
			"	mm
STANDARD PACK				
27252	8AB-6MP-6MPA-18	7745-0300	18	457.2
27253	8AB-6MP-6MPA-20	7745-0301	20	508.0
27254	8AB-6MP-6MPA-24	7745-0302	24	609.6
27255	8AB-6MP-6MPA-28	7745-0303	28	711.1
27256	8AB-6MP-6MPA-30	7745-0304	30	762.0
27257	8AB-6MP-6MPA-32	7745-0305	32	812.8
27258	8AB-6MP-6MPA-36	7745-0306	36	914.4

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
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C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

1/2" ID Hose with⅜" Fixed Male Pipe NPTF and⅜" Male Pipe NPTF Swivel with Adapter - Cont'd

Part No.	Descr.	Prod. No.	Length	
			"	mm
27259	8AB-6MP-6MPA-42	7745-0307	42	1066.8
27360	8AB-6MP-6MPA-48	7745-0308	48	1219.2
27361	8AB-4MP-6MPA-60	7745-0309	60	1524.0
27362	8AB-4MP-6MPA-72	7745-0310	72	1828.8

3/8" ID Hose with¼" Fixed Male Pipe NPTF and⅜" Female Air Brake Swivel with Adapter

Part No.	Descr.	Prod. No.	Length	
			"	mm
STANDARD PACK				
27242	6AB-4MP-6MPA-14	7745-0314	14	355.6
27243	6AB-4MP-6MPA-16	7745-0315	16	406.4
27244	6AB-4MP-6MPA-18	7745-0316	18	457.2
27245	6AB-4MP-6MPA-20	7745-0317	20	508.0
27246	6AB-4MP-6MPA-24	7745-0318	24	609.6
27247	6AB-4MP-6MPA-26	7745-0319	26	660.4
27248	6AB-4MP-6MPA-30	7745-0320	30	762.0
27249	6AB-4MP-6MPA-32	7745-0321	32	812.8
27250	6AB-4MP-6MPA-36	7745-0322	36	914.4
27251	6AB-4MP-6MPA-42	7745-0323	42	1066.8
27350	6AB-4MP-6MPA-48	7745-0324	48	1219.2

3/8" ID Hose with⅜" Fixed Male Pipe NPTF and⅜" Female Air Brake Swivel with Adapter

Part No.	Descr.	Prod. No.	Length	
			"	mm
STANDARD PACK				
27261	6AB-6MP-6MPA-14	7745-0261	14	355.6
27262	6AB-6MP-6MPA-16	7745-0262	16	406.4
27263	6AB-6MP-6MPA-18	7745-0263	18	457.2
27264	6AB-6MP-6MPA-20	7745-0264	20	508.0
27266	6AB-6MP-6MPA-24	7745-0266	24	609.6
27267	6AB-6MP-6MPA-26	7745-0267	26	660.4
27268	6AB-6MP-6MPA-28	7745-0268	28	711.2
27269	6AB-6MP-6MPA-30	7745-0269	30	762.0
27270	6AB-6MP-6MPA-32	7745-0270	32	812.8
27271	6AB-6MP-6MPA-34	7745-0271	34	863.6
27272	6AB-6MP-6MPA-36	7745-0272	36	914.4
27275	6AB-6MP-6MPA-42	7745-0275	42	1066.8
27277	6AB-6MP-6MPA-45	7745-0277	45	1143.0
27279	6AB-6MP-6MPA-48	7745-0279	48	1219.2
27281	6AB-6MP-6MPA-60	7745-0281	60	1524.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Notes

AB Series Air Brake Hose

Recommended For: Truck, bus and mobile air brake systems. Can be used as flexible connector between frame and axle. Meets SAE J1402 specification. Complies with D.O.T. FMVSS 106 requirements.

Temperature Range: -40°F to +212°F (-40°C to +100°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Gates G33 Series type air brake couplings.

Part No.	Description	Product No.					Standard Pack
28761	1/2 X250 REEL RBR AIR BRAKE	3245-0604	1/2	7/8	225	1,000	1
27241	1/2 X50FT RBR AIR BRAKE	3245-0603	1/2	7/8	225	1,000	1
28760	3/8 X250 REEL RBR AIR BRAKE	3245-0602	3/8	3/4	225	1,000	1
27240	3/8 X50FT RBR AIR BRAKE	3245-0601	3/8	3/4	225	1,000	1

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

Heavy-Duty Green Stripe® Air Brake Hose

Recommended For: Truck, bus and mobile air brake systems. Can be used as flexible connector between frame and axle. Exceeds SAE J1402 and Bendix specification. Complies with D.O.T. FMVSS 106 requirements.

Temperature Range: -40°F to +212°F (-40°C to +100°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Gates G33 Series type air brake couplings.

Part No.	Description	Product No.					Standard Pack
28304	3/8 X250 REEL GS RBR AB	3245-4470	3/8	3/4	225	1,000	1
27220	6ABGS X50FT	3245-4468	3/8	3/4	225	1,000	1
27221	8ABGS X50FT	3245-4467	1/2	7/8	225	1,000	1

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

Green Stripe® Vacuum Brake Hose

Recommended For: Extra heavy-duty hose designed to fit most air brake systems on trucks, trailers and other heavy equipment. Exceeds SAE J1403, Type H requirements. Complies with D.O.T. FMVSS 106VH requirements.

Temperature Range: -40°F to +257°F (-40°C to +125°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Gates G33 Series type air brake couplings.

Part No.	Description	Product No.					Standard Pack
27211	1/2 X50FT VAC BRAKE	3276-4475	1/2	15/16	1,000	30	1
27213	3/4 X50FT VAC BRAKE	3145-4477	3/4	1 3/16	800	30	1
27210	3/8 X50FT VAC BRAKE	3276-4474	3/8	13/16	1,200	30	1
27212	5/8 X50FT VAC BRAKE	3245-4476	5/8	1 1/16	800	30	1

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Air Tank Drain Valve

Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G33021-0004	4MP-ATDV	7250-03155	1/4	1/4-18

Air Vent

Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G33022-0002	2MP-AV	7250-03165	1/8	1/8-27

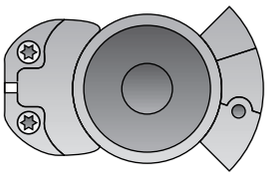
One Way Check Valve

Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G33027-0006	6MP-CV	7250-15565	3/8	3/8-18
G33027-0008	8MP-CV	7250-15575	1/2	1/2-14

Air Brake Adapter

Part No.	Descr.	Prod. No.	⊖				L	
			"	mm	"	"	"	mm
STANDARD PACK								
G33030-0604	6MAB-4MP	7250-03175	3/8	9.5	3/4-20	1/4-18	1.06	26.9
G33030-0606	6MAB-6MP	7250-03185	3/8	9.5	3/4-20	3/8-18	1.12	28.4
G33030-0608	6MAB-8MP	7250-03195	3/8	9.5	3/4-20	1/2-14	1.18	30.0
G33030-0806	8MAB-6MP	7250-03205	1/2	12.7	7/8-20	3/8-18	1.18	30.0
G33030-0808	8MAB-8MP	7250-03215	1/2	12.7	7/8-20	1/2-14	1.37	34.8

Gladhand



Part No.	Descr.	Prod. No.	Type
STANDARD PACK			
G33031-0508	8GH-S	7250-03225	Service
G33031-0608	8GH-U	7250-03235	Universal
G33031-0708	8GH-E	7250-03245	Emergency

Gladhand Seal

Part No.	Descr.	Prod. No.
STANDARD PACK		
G33032-0006	6GH-SEAL	7250-15595

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
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POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Tube Sleeve

Part No.	Descr.	Prod. No.	⊖		L	
			"	mm	"	mm
STANDARD PACK						
G33050-0006	6TS-6ABR	7250-03265	3/8	9.5	.69	17.5
G33050-0008	8TS-8ABR	7250-03275	1/2	12.7	.69	17.5

Tube Sleeve Nut

Part No.	Descr.	Prod. No.	⊖			L	
			"	mm		"	mm
STANDARD PACK							
G33060-0006	6TSN-6ABR	7250-03295	3/8	9.5	1 1/16	1.12	28.4
G33060-0008	8TSN-8ABR	7250-03305	1/2	12.7	1 1/4	1.12	28.4

Spring Guard Nut

Part No.	Descr.	Prod. No.	⊖			L	
			"	mm		"	mm
STANDARD PACK							
G33061-0006	6SGN-6ABR	7250-03315	3/8	9.5	1 1/16	1.22	31.0
G33061-0008	8SGN-8ABR	7250-03325	1/2	12.7	1 1/4	1.19	30.2

Air Brake to Male Pipe

Part No.	Descr.	Prod. No.	⊖			H1	H2	L	
			"	mm		"	"	"	mm
STANDARD PACK									
G33100-0604	6ABR-4MP	7250-03335	3/8	9.5	1/4-18	—	31/32	2.12	53.8
G33100-0606	6ABR-6MP	7250-03345	3/8	9.5	3/8-18	—	31/32	2.12	53.8
G33100-0608	6ABR-8MP	7250-03355	3/8	9.5	1/2-14	—	31/32	2.27	57.7
G33100-0806	8ABR-6MP	7250-03365	1/2	12.7	3/8-18	—	1 1/8	2.13	54.1
G33100-0808	8ABR-8MP	7250-03375	1/2	12.7	1/2-14	—	1 1/8	2.29	58.2

Air Brake to Male Pipe with Spring Guard

Part No.	Descr.	Prod. No.	⊖			H1	H2	L	
			"	mm		"	"	"	mm
STANDARD PACK									
G33110-0604	6ABRSG-4MP	7250-03385	3/8	9.5	1/4-18	—	31/32	4.80	121.9
G33110-0606	6ABRSG-6MP	7250-03395	3/8	9.5	3/8-18	—	31/32	4.80	121.9
G33110-0608	6ABRSG-8MP	7250-03405	3/8	9.5	1/2-14	—	31/32	4.90	124.5
G33110-0806	8ABRSG-6MP	7250-03415	1/2	12.7	3/8-18	—	1 1/8	5.00	127.0
G33110-0808	8ABRSG-8MP	7250-03425	1/2	12.7	1/2-14	—	1 1/8	5.20	132.1

Air Brake to Male Pipe without Nut

Part No.	Descr.	Prod. No.	⊖			H1	H2	L	
			"	mm		"	"	"	mm
STANDARD PACK									
G33111-0604	6ABRI-4MP	7250-03435	3/8	9.5	1/4-18	—	31/32	1.91	48.5
G33111-0606	6ABRI-6MP	7250-03445	3/8	9.5	3/8-18	—	31/32	1.91	48.5
G33111-0608	6ABRI-8MP	7250-03455	3/8	9.5	1/2-14	—	31/32	2.06	52.3
G33111-0806	8ABRI-6MP	7250-03465	1/2	12.7	3/8-18	—	1 1/8	1.90	48.3
G33111-0808	8ABRI-8MP	7250-03475	1/2	12.7	1/2-14	—	1 1/8	2.07	52.6

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Air Brake Spring Guard

Part No.	Descr.	Prod. No.	⊖		L	
			"	mm	"	mm
STANDARD PACK						
G33112-0006	6SGABR	7250-03485	3/8	9.5	2.75	59.9
G33112-0008	8SGABR	7250-03495	1/2	12.7	3.00	76.2

Air Brake to Female Air Brake Swivel

Part No.	Descr.	Prod. No.	⊖			H1	H2	L	
			"	mm		"	"	"	mm
STANDARD PACK									
G33150-0606	6ABR-6FABX	7250-03505	3/8	9.5	3/4-20	—	31/32	2.30	58.4
G33150-0808	8ABR-8FABX	7250-03515	1/2	12.7	7/8-20	—	1 1/8	2.36	59.9

Air Brake to Female Air Brake Swivel with Adapter

Part No.	Descr.	Prod. No.	⊖			H1	H2	L	
			"	mm		"	"	"	mm
STANDARD PACK									
G33151-0604	6ABR-6FABX-4MPA	7250-03525	3/8	9.5	1/4-18	—	15/16	2.94	74.7
G33151-0606	6ABR-6FABX-6MPA	7250-03535	3/8	9.5	3/8-18	—	1 1/8	2.94	74.7
G33151-0608	6ABR-8FABX-8MPA	7250-03545	3/8	9.5	1/2-14	—	1 1/8	2.94	74.7
G33151-0806	8ABR-6FABX-6MPA	7250-15605	3/8	12.7	3/8-18	—	1 1/8	2.94	74.7

Air Brake Bulkhead

Part No.	Descr.	Prod. No.	⊖				L	
			"	mm	"	"	"	mm
STANDARD PACK								
G33300-0202	2FP-2FPBKHD	7250-15615	1/8	3.2	1/8-27	1/8-27	1.26	32.0
G33300-0404	4FP-4FPBKHD	7250-03555	1/4	6.3	1/4-18	1/4-18	1.50	38.1
G33300-0606	6FP-6FPBKHD	7250-03565	3/8	9.5	3/8-18	3/8-18	.94	23.8
G33300-0804	8MP-4FPBKHD	7250-03575	1/2	12.7	1/2-14	1/4-18	1.50	38.1
G33300-0808	8FP-8FPBKHD	7250-03585	1/2	12.7	1/2-14	1/2-14	1.50	38.1
G33301-0404	4FP-4FPBKHDS	7250-03595	3/8	9.5	1/4-18	1/4-18	.94	23.8
G33301-0804	8FP-4FPBKHDS	7250-03605	1/2	12.7	1/2-14	1/4-18	.94	23.8
G33302-0804	8MP-4FPBKHDL	7250-03615	1/2	12.7	1/2-14	1/4-18	2.88	73.0
G33303-0806	8MP-6FPBKHD	7250-15625	1/2	12.7	1/2-14	3/8-18	1.91	48.4

Air Brake Union

Part No.	Descr.	Prod. No.	⊖	H2	L
			"	"	"
STANDARD PACK					
G33400-0606	6ABR-6ABR	7250-03625	3/8	31/32	2.98
G33400-0808	8ABR-8ABR	7250-03635	1/2	1 1/8	2.99

Male Pipe to Male SAE 45° Flare Truck Valve - 90°

Part No.	Descr.	Prod. No.		
			"	"
STANDARD PACK				
G33610-0810	8MP-10MS90-TV	7250-15635	1/2-14	7/8-14

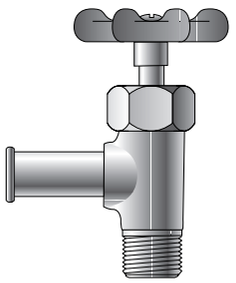
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male SAE 45° Flare to Male Pipe Truck Valve - 90°

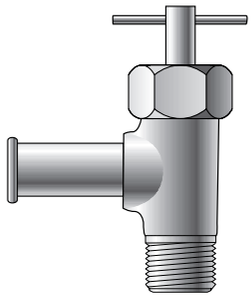
Part No.	Descr.	Prod. No.		
			"	"
STANDARD PACK				
G33612-0604	6MS-4MP90-TV	7250-15645	5/8-18	1/4-18
G33612-0606	6MS-6MP90-TV	7250-15655	5/8-18	3/8-18
G33612-0608	6MS-8MP90-TV	7250-15665	5/8-18	1/2-14
G33612-0806	8MS-6MP90-TV	7250-15675	3/4-16	3/8-18
G33612-0808	8MS-8MP90-TV	7250-15685	3/4-16	1/2-14
G33612-1008	10MS-8MP90-TV	7250-15695	7/8-14	1/2-14
G33612-1208	12MS-8MP90-TV	7250-15705	1 1/16-14	1/2-14

Single Bead Male Pipe Truck Valve - 90°



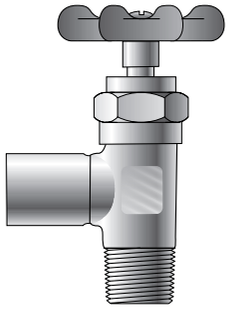
Part No.	Descr.	Prod. No.	⊖		
			"	mm	
STANDARD PACK					
G33620-0606	6SB-6MP90-TV	7250-03645	3/8	9.5	3/8-18
G33620-0806	8SB-6MP90-TV	7250-15715	1/2	12.7	3/8-18
G33620-1006	10SB-6MP90-TV	7250-03655	5/8	15.9	3/8-18
G33620-1008	10SB-8MP90-TV	7250-03665	5/8	15.9	1/2-14
G33620-1206	12SB-6MP90-TV	7250-03675	3/4	19.0	3/8-18
G33620-1208	12SB-8MP90-TV	7250-03685	3/4	19.0	1/2-14

Single Bead to Male Pipe Truck Valve with Pin Handle - 90°



Part No.	Descr.	Prod. No.	⊖		
			"	mm	
STANDARD PACK					
G33622-0606	6SB-6MP90-TVP	7250-15725	3/8	9.5	3/8-18
G33622-1006	10SB-6MP90-TVP	7250-03695	5/8	15.9	3/8-18

Female Pipe to Male Pipe Truck Valve - 90°

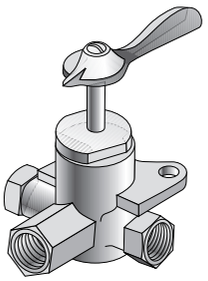


Part No.	Descr.	Prod. No.		
			"	"
STANDARD PACK				
G33630-0606	6FP-6MP90-TV	7250-03705	3/8-18	3/8-18
G33630-0608	6FP-8MP90-TV	7250-15735	3/8-18	1/2-14
G33630-0808	8FP-8MP90-TV	7250-03715	1/2-14	1/2-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

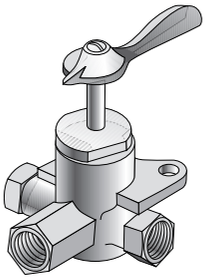
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

3-Way Truck Valve



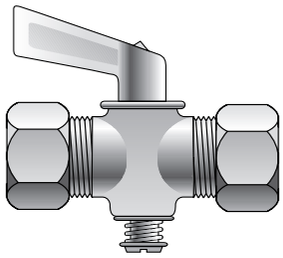
Part No.	Descr.	Prod. No.	
STANDARD PACK			
G33650-0202	2FP-2FP-2FP3WTV	7250-03725	1/8-27
G33650-0404	4FP-4FP-4FP3WTV	7250-03735	1/4-18
G33650-0606	6FP-6FP-6FP3WTV	7250-03745	3/8-18

4-Way Truck Valve



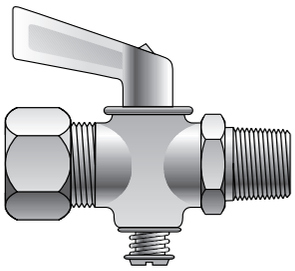
Part No.	Descr.	Prod. No.	
STANDARD PACK			
G33655-0404	4FP-4FP-4FP4WTV	7250-03755	1/4-18
G33655-0606	6FP-6FP-6FP4WTV	7250-03765	3/8-18
G33656-0404	4FP-4FP-4FP4WTV-L	7250-03775	1/4-18
G33656-0606	6FP-6FP-6FP4WTV-L	7250-03785	3/8-18

Male Flareless Assembly to Male Flareless Assembly Shut-Off Cock



Part No.	Descr.	Prod. No.	⌀ "
STANDARD PACK			
G33701-0404	4MFA-4MFASC	7250-03795	1/4
G33701-0505	5MFA-5MFASC	7250-03805	5/16
G33701-0606	6MFA-6MFASC	7250-03815	3/8
G33701-0808	8MFA-8MFASC	7250-15745	1/2

Male Flareless Assembly to Male Pipe Shut-Off Cock

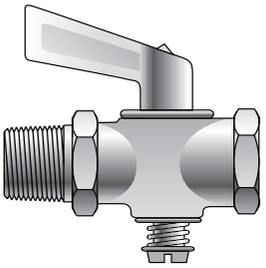


Part No.	Descr.	Prod. No.	⌀ "	
STANDARD PACK				
G33705-0402	4MFA-2MPSC	7250-03825	1/4	1/8-27
G33705-0404	4MFA-4MPSC	7250-03835	1/4	1/4-18
G33705-0502	5MFA-2MPSC	7250-03845	5/16	1/8-27
G33705-0504	5MFA-4MPSC	7250-03855	5/16	1/4-18
G33705-0604	6MFA-4MPSC	7250-03865	3/8	1/4-18
G33705-0606	6MFA-6MPSC	7208-40395	3/8	3/8-18
G33705-0806	8MFA-6MPSC	7250-15765	1/2	3/8-18

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

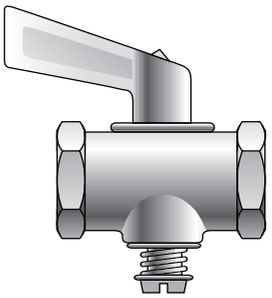
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Pipe to Female Pipe Shut-Off Cock



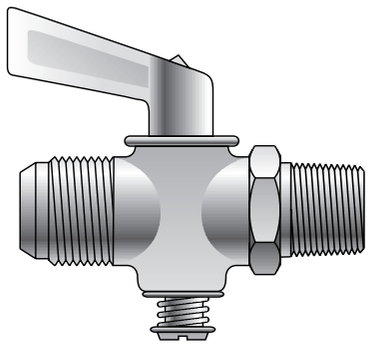
Part No.	Descr.	Prod. No.		
			"	"
STANDARD PACK				
G33710-0202	2MP-2FPSC	7250-03875	1/8-27	1/8-27
G33710-0404	4MP-4FPSC	7250-03885	1/4-18	1/4-18
G33710-0606	6MP-6FPSC	7250-15775	3/8-18	3/8-18
G33710-0808	8MP-8FPSC	7250-15785	1/2-14	1/2-14

Female Pipe to Female Pipe Shut-Off Cock



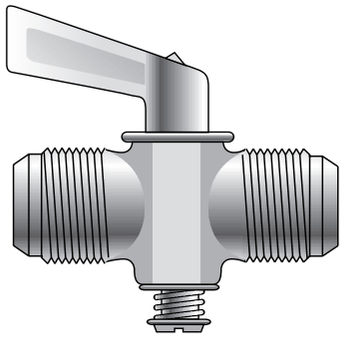
Part No.	Descr.	Prod. No.	
STANDARD PACK			
G33715-0202	2FP-2FPSC	7250-03895	1/8-27
G33715-0404	4FP-4FPSC	7250-03905	1/4-18
G33715-0606	6FP-6FPSC	7250-15795	3/8-18
G33715-0808	8FP-8FPSC	7250-15805	1/2-14

Male SAE 45° Flare to Male Pipe Shut-Off Cock



Part No.	Descr.	Prod. No.		
			"	"
STANDARD PACK				
G33720-0402	4MS-2MPSC	7250-03915	7/16-20	1/8-27
G33720-0404	4MS-4MPSC	7250-15815	7/16-20	7/16-20
G33720-0502	5MS-2MPSC	7250-03925	1/2-20	1/8-27
G33720-0504	5MS-4MPSC	7250-03935	1/2-20	1/4-18
G33720-0604	6MS-4MPSC	7250-03945	5/8-18	1/4-18
G33720-0606	6MS-6MPSC	7250-15825	5/8-18	5/8-18
G33720-0608	6MS-8MPSC	7250-15835	5/8-18	1/2-14
G33720-0806	8MS-6MPSC	7250-15845	3/4-16	3/8-18
G33720-0808	8MS-8MPSC	7250-15855	3/4-16	1/2-14

Male SAE 45° Flare to Male SAE 45° Flare Shut-Off Cock

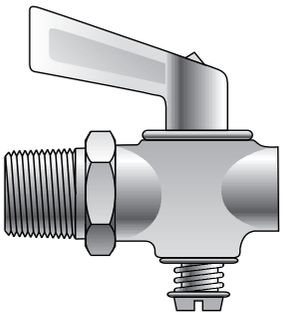


Part No.	Descr.	Prod. No.	
STANDARD PACK			
G33730-0404	4MS-4MSSC	7250-03955	7/16-20
G33730-0505	5MS-5MSSC	7250-03965	1/2-20
G33730-0606	6MS-6MSSC	7250-03975	5/8-18
G33730-0808	8MS-8MSSC	7250-15865	3/4-16
G33730-1010	10MS-10MSSC	7250-15875	7/8-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Pipe Air Drain Cock



Part No.	Descr.	Prod. No.	
STANDARD PACK			
G33801-0002	2MP-ADC	7250-03985	1/8-27
G33801-0004	4MP-ADC	7250-03995	1/4-18
G33801-0006	6MP-ADC	7250-04005	3/8-18
G33801-0008	8MP-ADC	7250-15885	1/2-14

Female Pipe to Male Pipe Air Drain Cock

Part No.	Descr.	Prod. No.		
			"	"
STANDARD PACK				
G33805-0202	2FP-2MPADC	7250-15895	1/8-27	1/8-27
G33805-0404	4FP-4MPADC	7250-04015	1/4-18	1/4-18
G33805-0606	6FP-6MPADC	7208-40695	3/8-18	3/8-18
G33805-0808	8FP-8MPADC	7250-15925	1/2-14	1/2-14

Male Pipe Drain Cock - Bibb Nose

Part No.	Descr.	Prod. No.	
STANDARD PACK			
G33823-1006	10BN-6MPDC90	7250-04025	3/8-18

Male Pipe Drain Cock - Internal Seat

Part No.	Descr.	Prod. No.	
STANDARD PACK			
G33830-0002	2MP-ISDC	7250-15935	1/8-27
G33830-0004	4MP-ISDC	7250-15945	1/4-18
G33830-0006	6MP-ISDC	7250-15955	3/8-18

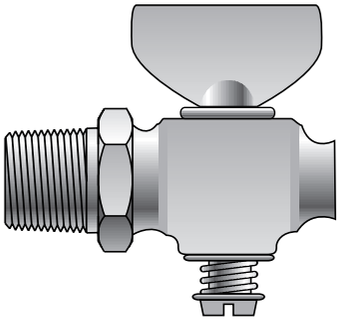
Male Pipe Drain Cock - External Seat

Part No.	Descr.	Prod. No.	
STANDARD PACK			
G33831-0004	4MP-ESDC	7250-04075	1/4-18

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Pipe Air Drain Cock - Bibb Nose



Part No.	Descr.	Prod. No.	
STANDARD PACK			
G33832-0202	2MP-ADCBN	7250-15965	1/8-27
G33832-0404	4MP-ADCBN	7250-04085	1/4-18
G33832-0606	6MP-ADCBN	7208-40775	3/8-18
G33832-0808	8MP-ADCBN	7250-15985	1/2-14

Air Tank Valve

Part No.	Descr.	Prod. No.	
STANDARD PACK			
G33850-0202	2ATNKV	7250-15995	1/8-27
G33850-0404	4ATNKV	7250-16005	1/4-18

Male Flareless Assembly to Male Flareless Assembly - Needle Valve

Part No.	Descr.	Prod. No.		
			"	"
STANDARD PACK				
G33901-0303	3MFA-3MFANV	7250-04145	3/8-24	3/8-24
G33901-0404	4MFA-4MFANV	7250-04155	7/16-20	7/16-20

Male Flareless Assembly to Male Flareless Assembly - Needle Valve - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G33901-0505	5MFA-5MFANV	7250-04165	1/2-20	1/2-20
G33901-0606	6MFA-6MFANV	7250-04175	9/16-18	9/16-18

Male Flareless Assembly to Male Flareless Assembly - Needle Valve - 90°

Part No.	Descr.	Prod. No.		
			"	"
STANDARD PACK				
G33905-0302	3MFA-2MP90NV	7250-04185	3/8-24	1/8-27
G33905-0402	4MFA-2MP90NV	7250-04195	7/16-20	1/8-27
G33905-0404	4MFA-4MP90NV	7250-16015	7/16-20	1/4-18
G33905-0502	5MFA-2MP90NV	7250-04205	1/2-18	1/8-27
G33905-0504	5MFA-4MP90NV	7250-04215	1/2-18	1/4-18
G33905-0602	6MFA-2MP90NV	7250-16025	9/16-18	1/8-27
G33905-0604	6MFA-4MP90NV	7250-04225	9/16-18	1/4-18

Male Flareless Assembly to Male Pipe - Needle Valve

Part No.	Descr.	Prod. No.		
			"	"
STANDARD PACK				
G33910-0202	2MFA-2MPNV	7250-04235	1/8-27	1/8-27
G33910-0302	3MFA-2MPNV	7250-04245	3/8-24	1/8-27
G33910-0402	4MFA-2MPNV	7250-04255	7/16-20	1/8-27
G33910-0404	4MFA-4MPNV	7250-04265	7/16-20	1/4-18
G33910-0502	5MFA-2MPNV	7250-04275	1/2-18	1/8-27

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Flareless Assembly to Male Pipe - Needle Valve - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G33910-0504	5MFA-4MPNV	7250-04285	1/2-18	1/4-18
G33910-0604	6MFA-4MPNV	7250-04295	9/16-18	1/4-18

Male Pipe to Male Pipe - Needle Valve

Part No.	Descr.	Prod. No.		
			"	"
STANDARD PACK				
G33915-0202	2MP-2MPNV	7250-16035	1/8-27	1/8-27
G33915-0404	4MP-4MPNV	7250-16045	1/4-18	1/4-18

Male Pipe to Female Pipe - Needle Valve

Part No.	Descr.	Prod. No.		
			"	"
STANDARD PACK				
G33920-0202	2MP-2FPNV	7250-04305	1/8-27	1/8-27
G33920-0404	4MP-4FPNV	7250-04315	1/4-18	1/4-18

Female Pipe to Female Pipe - Needle Valve

Part No.	Descr.	Prod. No.		
			"	"
STANDARD PACK				
G33930-0202	2FP-2FPNV	7250-04325	1/8-27	1/8-27
G33930-0404	4FP-4FPNV	7250-04335	1/4-18	1/4-18

Male SAE 45° Flare to Male Pipe - Needle Valve

Part No.	Descr.	Prod. No.		
			"	"
STANDARD PACK				
G33940-0402	4MS-2MPNV	7250-04345	7/16-20	1/8-27
G33940-0404	4MS-4MPNV	7250-04355	7/16-20	1/4-18
G33940-0502	5MS-2MPNV	7250-04365	1/2-20	1/8-27
G33940-0504	5MS-4MPNV	7250-04375	1/2-20	1/4-18
G33940-0604	6MS-4MPNV	7250-04385	5/8-18	1/4-18

Male SAE 45° Flare to Male Pipe - Needle Valve - 90°

Part No.	Descr.	Prod. No.		
			"	"
STANDARD PACK				
G33945-0402	4MS-2MP90NV	7250-04135	7/16-20	1/8-27
G33945-0502	5MS-2MP90NV	7250-04395	1/2-20	1/8-27
G33945-0504	5MS-4MP90NV	7250-04405	1/2-20	1/4-18
G33945-0604	6MS-4MP90NV	7250-04415	5/8-18	1/4-18

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male SAE 45° Flare to Male SAE 45° Flare - Needle Valve

Part No.	Descr.	Prod. No.		
			"	"
STANDARD PACK				
G33950-0404	4MS-4MSNV	7250-04425	7/16-20	7/16-20
G33950-0606	6MS-6MSNV	7250-16055	5/8-18	5/8-18

MegaTech® G5TB Extreme Heat Oil/Air Return and Air Brake Hose

Recommended For: For pressurized hot oil return lines and rotary oil lines. Meets the requirements of SAE J1019 performance specifications for high-temperature transmission and lubricating oil systems using petroleum base oils.

Tube: True-bore GTS (Gates Technical Spec.) black tube, specifically compounded for temperature and chemical resistance (CPE - Type J).

Reinforcement: Two braids of high-tensile steel wire.

Cover: Blue, oil and mildew resistant textile braid, impregnated with synthetic rubber.

Temperature Range: Petroleum-base fluids: -40°F to +300°F (-40°C to +149°C). Phosphate esters fluids as recommended by the fluid manufacturer, but within a range of -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

GL Couplings (-24 and -32 only)
MegaCrimp® Couplings

Part No.	Description	Product No.						Standard Pack
85391	4MEGATECH G5TB X50FT	4657-4070	1/4	0.59	3,000	12,000	2.0	1
71023	4MEGATECH G5TBXREEL	4657-2183	1/4	0.59	3,000	12,000	2.0	400
85392	6MEGATECH G5TB X 50FT	4657-4071	3/8	0.74	3,000	12,000	2.5	1
71024	6MEGATECH G5TBXREEL	4657-2184	3/8	0.74	3,000	12,000	2.5	350
85393	8MEGATECH G5TB X50FT	4657-4072	1/2	0.86	3,000	12,000	3.5	1
71025	8MEGATECH G5TBXREEL	4657-2185	1/2	0.86	3,000	12,000	3.5	350
71066	10MEGATECH G5TBXREEL	4657-2186	5/8	0.95	2,000	8,000	4.0	300
71067	12MEGATECH G5TBXREEL	4657-2187	3/4	1.10	2,000	8,000	4.8	200
85396	16MEGATECH G5TB X50FT	4657-4075	1	1.37	1,000	4,000	6.0	1
71026	16MEGATECH G5TBXREEL	4657-2188	1	1.37	1,000	4,000	6.0	150
85398	20MEGATECH G5TB X25FT	4657-4079	1 1/4	1.67	1,000	4,000	8.5	1
85397	20MEGATECH G5TB X50FT	4657-4076	1 1/4	1.67	1,000	4,000	8.5	1
71027	20MEGATECH G5TBXCTN	4657-2189	1 1/4	1.67	1,000	4,000	8.5	100
71028	24MEGATECH G5TBXCTN	4657-2190	1 1/2	1.95	500	2,000	9.5	100
71029	32MEGATECH G5TBXCTN	4657-2191	2	2.53	500	2,000	10.5	100

Fleet Application

MegaTech® 1000 High-Temp Oil/Air Return

Recommended For: Air brake, pressurized hot oil return lines and rotary oil/air compressor lines. Meets the requirements of DOT FMVSS 106-74, SAE J1402, SAE J1019 and Air Brake Hose (-4, 6, 8, 10) performance specifications for high-temperature transmission and lubricating oil systems using petroleum base oils. Not recommended for gasoline or diesel fuel applications.

Tube: GTS (Gates Technical Spec.) black tube specifically compounded for temperature and chemical resistance (CPE - Type J). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Oil and mildew resistant, textile braid, impregnated with synthetic rubber.

Temperature Range: Petroleum-base fluids: -40°F to +300°F (-40°C to +149°C). Phosphate esters fluids as recommended by the fluid manufacturer, but within a range of -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

MegaCrimp® Couplings

Part No.	Description	Product No.							Standard Pack
70850	4MEGATECH 1000XREEL	4657-2332	1/4	0.52	1,000	4,000	2.0	30	350
85980	4MEGATECH1000 X50FT	4657-2503	1/4	0.52	1,000	4,000	2.0	30	1
70851	6MEGATECH 1000XREEL	4657-2297	3/8	0.66	1,000	4,000	2.5	30	350
85981	6MEGATECH1000 X50FT	4657-2504	3/8	0.66	1,000	4,000	2.5	30	1
70852	8MEGATECH 1000XREEL	4657-2334	1/2	0.80	1,000	4,000	3.5	30	350
85982	8MEGATECH1000 X50FT	4657-2505	1/2	0.80	1,000	4,000	3.5	30	1
70853	10MEGATECH 1000XREEL	4657-2335	5/8	0.93	1,000	4,000	4.0	30	300
85983	10MEGATECH1000 X50FT	4657-2506	5/8	0.93	1,000	4,000	4.0	30	1
70888	12MEGATECH 1000XREEL	4657-2336	3/4	1.15	1,000	4,000	4.8	30	200
85984	12MEGATECH1000X50FT	4657-4040	3/4	1.15	1,000	4,000	4.8	30	1
70889	16MEGATECH 1000XREEL	4657-2337	1	1.37	1,000	4,000	6.0	30	150

MegaTech® 1000 High-Temp Oil/Air Return — Fleet Application

(continued)

Part No.	Description	Product No.							Standard Pack
85985	16MEGATECH1000X50FT	4657-4041	1	1.37	1,000	4,000	6.0	30	1
85986	20MEGATECH1000X50FT	4657-4042	1 1/4	1.64	1,000	4,000	8.5	30	1
70890	20MEGATECH1000XCTN	4657-2338	1 1/4	1.64	1,000	4,000	8.5	30	100

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

MegaTech® 3000 High-Temp Oil/Air Return

Recommended For: For pressurized hot oil return lines and rotary oil lines. Meets the requirements of SAE J1019 performance specifications for high-temperature transmission and lubricating oil systems using petroleum base oils.

Tube: True-bore GTS (Gates Technical Spec.) black tube, specifically compounded for temperature and chemical resistance (CPE - Type J).

Reinforcement: Two braids of high-tensile steel wire.

Cover: Oil and mildew resistant, textile braid, impregnated with synthetic rubber.

Temperature Range: Petroleum-base fluids: -40°F to +300°F (-40°C to +149°C). Phosphate esters fluids as recommended by the fluid manufacturer, but within a range of -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.							Standard Pack
70960	4MEGATECH 3000XREEL	4657-2373	1/4	0.59	3,000	12,000	2.0	30	400
85987	4MEGATECH3000X 50FT	4657-4116	1/4	0.59	3,000	12,000	2.0	30	1
70961	6MEGATECH 3000XREEL	4657-2374	3/8	0.74	3,000	12,000	2.5	30	350
85988	6MEGATECH3000X 50FT	4657-4117	3/8	0.74	3,000	12,000	2.5	30	1
70962	8MEGATECH 3000XREEL	4657-2319	1/2	0.86	3,000	12,000	3.5	30	350
85989	8MEGATECH3000X 50FT	4657-4118	1/2	0.86	3,000	12,000	3.5	30	1

MegaTech® 500 High-Temp Oil/Air Return — Fleet Application

Recommended For: For air brake hose, pressurized hot oil return lines and rotary oil/air compressor lines. Meets the requirements of DOT SAE J1019 performance specifications for high-temperature transmission and lubricating oil systems using petroleum base oils. Not recommended for gasoline or diesel fuel applications.

Tube: GTS (Gates Technical Spec.) black tube specifically compounded for temperature and chemical resistance (CPE - Type J). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Oil and mildew resistant, textile braid, impregnated with synthetic rubber.

Temperature Range: Petroleum-base fluids: -40°F to +300°F (-40°C to +149°C). Phosphate esters fluids as recommended by the fluid manufacturer, but within a range of -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
GL Couplings
Power Crimp® GSP (-24 and -32)

Part No.	Description	Product No.							Standard Pack
85687	24MEGATECH500 X50FT	4657-0061	1 1/2	1.95	500	2,000	15.0	30	1
70854	24MEGATECH500XCTN	4657-0204	1 1/2	1.95	500	2,000	15.0	30	100
85688	32MEGATECH500 X50FT	4657-0062	2	2.48	500	2,000	18.0	30	1
70855	32MEGATECH500XCTN	4657-0205	2	2.48	500	2,000	18.0	30	100

MegaTech® 500 High-Temp Oil/Air Return

(continued)

Part No.	Description	Product No.							Standard Pack
70856	40MEGATECH500XCTN	4657-0206	2 1/2	2.97	500	2,000	22.0	30	100
70857	48MEGATECH500XCTN	4657-0207	3	3.50	500	2,000	24.0	30	100

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

MegaTech® 250 High-Temp Transmission Oil Cooler (TOC) Hose

Recommended For: High-temperature (300°F) transmission oil cooler lines, pressurized hot oil return lines and turbocharger oil supplies. Meets or exceeds SAE J1019 performance specifications for high-temperature transmission and lubricating oil systems using petroleum base oils. Not recommended for gasoline or diesel fuel applications.

Tube: GTS (Gates Technical Spec.) black tube specifically compounded for temperature and chemical resistance (CPE - Type J). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Oil and mildew resistant, textile braid, impregnated with synthetic rubber.

Temperature Range: Petroleum-base fluids: -40°F to +300°F (-40°C to +149°C). Phosphate esters fluids as recommended by the fluid manufacturer, but within a range of -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

GLP Couplings (-4 through -12)
MegaCrimp® Couplings

Part No.	Description	Product No.							Standard Pack
85759	4MEGATECH 250 X 50FT	4657-0083	1/4	0.52	250	1,000	1.0	30	1
70891	4MEGATECH 250XREEL	4657-2339	1/4	0.52	250	1,000	1.0	30	250
85760	6MEGATECH 250 X50FT	4657-0084	3/8	0.64	250	1,000	1.8	30	1
70892	6MEGATECH 250XREEL	4657-2340	3/8	0.64	250	1,000	1.8	30	350
85761	8MEGATECH 250 X 50FT	4657-0085	1/2	0.78	250	1,000	2.5	30	1
70893	8MEGATECH 250XREEL	4657-2341	1/2	0.78	250	1,000	2.5	30	350
85762	10MEGATECH 250X50FT	4657-0086	5/8	0.93	250	1,000	3.0	30	1
70894	10MEGATECH 250XREEL	4657-2342	5/8	0.93	250	1,000	3.0	30	300
85763	12MEGATECH 250X50FT	4657-0087	3/4	1.06	250	1,000	3.5	30	1
70895	12MEGATECH 250XREEL	4657-2343	3/4	1.06	250	1,000	3.5	30	200
85764	16MEGATECH 250X50FT	4657-0088	1	1.36	250	1,000	4.0	30	1
70896	16MEGATECH 250XREEL	4657-2344	1	1.36	250	1,000	4.0	30	150
85765	20MEGATECH 250X50FT	4657-0089	1 1/4	1.65	250	1,000	4.5	30	1
70900	20MEGATECH 250XCTN	4657-2345	1 1/4	1.65	250	1,000	4.5	30	120

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

S/R-XH Suction/Return-Extreme Heat Hose

Recommended For: Hydraulic oil lines, heavy-duty transmission oil cooler lines and power steering circuit lines. Meets or exceeds requirements of SAE J1019.

Tube: Black, specially compounded, synthetic rubber (CPE - Type J).

Reinforcement: One or two fiber braids.

Cover: Black, oil and abrasion resistant, synthetic rubber (Hypalon® - Type A).

Temperature Range: -40°F to +300°F (-40°C to +149°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
MegaCrimp® Couplings

Part No.	Description	Product No.							Standard Pack
85439	8S/R XHX50FT	3319-4714	1/2	0.78	250	1,000	4.0	18	1
70963	8S/R-XHXCTN	3319-4514	1/2	0.78	250	1,000	4.0	18	400
85440	10S/R XH X50FT	3319-4715	5/8	0.83	250	1,000	5.0	15	1
70964	10S/R-XHXCTN	3319-4516	5/8	0.83	250	1,000	5.0	15	250
85441	12S/R XH X50FT	3319-4716	3/4	1.16	250	1,000	6.0	15	1
70965	12S/R-XHXCTN	3319-4518	3/4	1.16	250	1,000	6.0	15	225

† Hypalon® is a Registered Trademark of DuPont.

C5C Hydraulic Hose—SAE 100R5

Recommended For: Medium pressure hydraulic petroleum-based oil lines in impulse applications, lube oil, air and water in applications such as air brakes, power steering (CAUTION: Intended for heavy-duty commercial vehicle use only), turbocharger oil supplies, tilt cab cylinders, transmission coolant and filtration lines. Meets or exceeds requirements of SAE 100R5 for traditional hydraulic applications, DOT FMVSS 106-74 Type AII and SAE J1402 Type AII for air brake applications (-4 to -12). Not recommended for gasoline or diesel fuel.

Tube: -4 and -5: black, oil and heat resistant synthetic rubber (Neoprene - Type A); -6 through -40: (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile carbon steel wire over one braid of polyester.

Cover: Black, oil and mildew resistant, polyester braid.

Temperature Range: Under SAE 100R5 (hydraulic) conditions -40°F to +212°F (-40°C to +100°C). All-purpose fleet application (hot lube oil lines) -40°F to +300°F (-40°C to +149°C). Air to +160°F (+71°C) only. Avoid continuous use at maximum temperature concurrent with maximum working pressures. For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
C5 Field Attachable Couplings

Part No.	Description	Product No.						Standard Pack
86605	4C5C X50FT	3658-1762	3/16	0.52	3,000	12,000	3.0	1
70589	4C5CXREEL	3658-1775	3/16	0.52	3,000	12,000	3.0	440
86606	5C5C X50FT	3658-1763	1/4	0.58	3,000	12,000	3.4	1
70590	5C5CXREEL	3658-1776	1/4	0.58	3,000	12,000	3.4	385
86607	6C5C X50FT	3658-1764	5/16	0.67	2,250	9,000	4.0	1
70591	6C5CXREEL	3658-1777	5/16	0.67	2,250	9,000	4.0	385
86608	8C5C X50FT	3658-1765	13/32	0.77	2,000	8,000	4.6	1
70592	8C5CXREEL	3658-1778	13/32	0.77	2,000	8,000	4.6	330
86609	10C5C X50FT	3658-1766	1/2	0.92	1,750	7,000	5.5	1
70593	10C5CXREEL	3658-1779	1/2	0.92	1,750	7,000	5.5	275
86610	12C5C X50FT	3658-1767	5/8	1.08	1,500	6,000	6.5	1
70594	12C5CXREEL	3658-1780	5/8	1.08	1,500	6,000	6.5	220
86616	16C5C X50FT	3658-1768	7/8	1.23	800	3,200	7.4	1
70595	16C5CXREEL	3658-1781	7/8	1.23	800	3,200	7.4	165
86617	20C5C X25FT	3658-1772	1 1/8	1.50	625	2,500	9.0	1
70096	20C5CXCTN	3658-1758	1 1/8	1.50	625	2,500	9.0	100
70097	24C5CXCTN	3658-1759	1 3/8	1.75	500	2,000	10.5	100
70098	32C5CXCTN	3658-1760	1 13/16	2.22	350	1,400	13.3	100
70099	40C5CXCTN	3658-1761	2 3/8	2.88	350	1,400	24.0	100

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

C5D High-Temp Multi-Fluid Hose

Recommended For: Petroleum-base or phosphate ester fluids; diesel fuels and filtration lines, transmission coolant lines, hot lube oil lines, power steering (CAUTION: Intended for heavy-duty commercial vehicle use only), gasoline and turbocharger oil supplies. Tilt cab cylinder and air brakes. C5D (-4 to -12) meets or exceed DOT FMVSS 106-74 Type AII, SAE J1402 Type AII and SAE J1019 and fuel resistance of SAE J30R2. Not approved for bio diesel.

Tube: Black, oil and heat resistant, synthetic rubber (CPE - Type J). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire over one braid of polyester.

Cover: Green for easy identification, oil and mildew resistant, polyester braid impregnated with synthetic rubber.

Temperature Range: -40°F to +300°F (-40°C to +149°C). Air to +250°F (+121°C) only, maximum phosphate esters to +212°F (+100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

C5 Field Attachable Couplings

Part No.	Description	Product No.	⊖	I.D.			R	Standard Pack
85680	4C5D X50FT	3658-0001	3/16	0.52	1,500	6,000	1.0	1
70540	4C5DXREEL	3658-0020	3/16	0.52	1,500	6,000	1.0	440
85681	5C5D X50FT	3658-0007	1/4	0.58	1,500	6,000	1.5	1
70541	5C5DXREEL	3658-0027	1/4	0.58	1,500	6,000	1.5	385
85682	6C5D X50FT	3658-0002	5/16	0.67	1,500	6,000	1.8	1
70542	6C5DXREEL	3658-0021	5/16	0.67	1,500	6,000	1.8	385
85683	8C5D X50FT	3658-0003	13/32	0.77	1,250	5,000	2.0	1
70543	8C5DXREEL	3658-0022	13/32	0.77	1,250	5,000	2.0	330
85684	10C5D X50FT	3658-0008	1/2	0.92	1,250	5,000	2.0	1
70544	10C5DXREEL	3658-0028	1/2	0.92	1,250	5,000	2.0	275
85685	12C5D X50FT	3658-0009	5/8	1.08	750	3,000	2.3	1
70545	12C5DXREEL	3658-0029	5/8	1.08	750	3,000	2.3	220
85686	16C5D X50FT	3658-0010	7/8	1.23	400	1,600	3.5	1
70546	16C5DXREEL	3658-0030	7/8	1.23	400	1,600	3.5	165

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

C5E High-Temp Flexline Hose

DOT FMVSS 106 Type AI, SAE J1019 and SAE J1402 Type AI (-4 to -12).

Recommended For: Air brake hose, power steering (CAUTION: Intended for heavy-duty commercial vehicle use only), fuel filter, engine and transmission coolant lines, and hot (+300°F) lube oil lines.

Tube: Black, oil and heat resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire over one braid of polyester.

Cover: Black, oil and heat resistant, textile braid impregnated with synthetic rubber. Green stripe for easy identification.

Temperature Range: -40°F to +300°F (-40°C to +149°C). Air +250°F (+121°C) maximum only. For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

C5E Field Attachable Couplings

Part No.	Description	Product No.	⊖	I.D.			R	Standard Pack
85690	4C5E X50FT	3658-4990	3/16	0.49	1,500	6,000	.8	1
70530	4C5EXREEL	3658-0210	3/16	0.49	1,500	6,000	.8	440
85691	5C5E X50FT	3658-4991	1/4	0.55	1,500	6,000	1.0	1
70531	5C5EXREEL	3658-0211	1/4	0.55	1,500	6,000	1.0	385
85692	6C5E X50FT	3658-4992	5/16	0.61	1,500	6,000	1.3	1
70532	6C5EXREEL	3658-0212	5/16	0.61	1,500	6,000	1.3	385
85693	8C5E X50FT	3658-4993	13/32	0.73	1,250	5,000	1.8	1
70193	8C5EXCTN	3658-0203	13/32	0.73	1,250	5,000	1.8	475
70533	8C5EXREEL	3658-0213	13/32	0.73	1,250	5,000	1.8	330
85694	10C5E X50FT	3658-4994	1/2	0.83	1,250	5,000	2.3	1
70194	10C5EXCTN	3658-0204	1/2	0.83	1,250	5,000	2.3	330
70534	10C5EXREEL	3658-0214	1/2	0.83	1,250	5,000	2.3	275
85695	12C5E X50FT	3658-4995	5/8	0.95	750	3,000	2.8	1

C5E High-Temp Flexline Hose

(continued)

Part No.	Description	Product No.						Standard Pack
70195	12C5EXCTN	3658-0205	5/8	0.95	750	3,000	2.8	200
70535	12C5EXREEL	3658-0215	5/8	0.95	750	3,000	3.0	220
85696	16C5E X50FT	3658-4996	7/8	1.20	400	1,600	3.5	1
70536	16C5EXREEL	3658-0216	7/8	1.20	400	1,600	3.5	165
85697	20C5E X25FT	3658-4989	1 1/8	1.49	300	1,250	4.5	1
70197	20C5EXCTN	3658-0207	1 1/8	1.49	300	1,250	4.5	100

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

C5M Marine Fuel Line Hose

Recommended For: On-shore/off-shore and marine diesel fuel and gasoline applications and hot oil lines up to +212°F. Meets USCG marine fuel line specifications, SAE J1527 B100 to +125°F Type A Class 1 and SAE J1942 requirements. Exceeds performance requirements of SAE J30R2 for non-marine applications.

Tube: Nitrile - Type C. See Hose Stock Characteristics.

Reinforcement: One wire braid

Cover: Modified Nitrile - Type C2. Blue. See Hose Stock Characteristics.

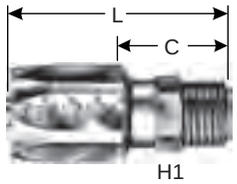
Temperature Range: -4°F to +212°F (-20°C to +100°C).

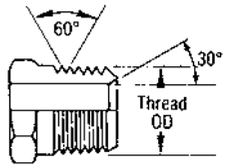
Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Brass or Carbon Steel C5 Field Attachable Couplings

Part No.	Description	Product No.						Standard Pack
70614	5C5MXREEL	3658-1965	1/4	0.58	500	2,000	1.3	385
86596	6C5M X50FT	3658-4596	5/16	0.67	500	2,000	1.3	1
70615	6C5MXREEL	3658-1969	5/16	0.67	500	2,000	1.3	385
86597	8C5M X50FT	3658-4597	13/32	0.77	500	2,000	1.8	1
70616	8C5MXREEL	3658-1973	13/32	0.77	500	2,000	1.8	330
86598	10C5M X50FT	3658-4598	1/2	0.92	500	2,000	2.3	1
70617	10C5MXREEL	3658-1977	1/2	0.92	500	2,000	2.3	275
86599	12C5M X50FT	3658-4599	5/8	1.08	500	2,000	2.8	1
70618	12C5MXREEL	3658-1981	5/8	1.08	500	2,000	2.8	220
86600	16C5M X50FT	3658-4600	7/8	1.23	500	2,000	3.5	1
70619	16C5MXREEL	3658-1985	7/8	1.23	500	2,000	3.5	165

Male Pipe (NPTF - 30° Cone Seat)

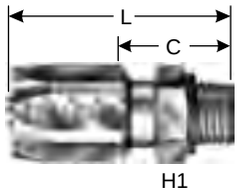


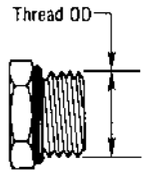


Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G34100-0402	4C5-2RMP	7236-04015	3/16	4.8	1/8-27	1/2	—	1.64	41.6	.94	23.9
G34100-0404	4C5-4RMP	7236-04025	3/16	4.8	1/4-18	9/16	—	1.83	46.5	1.13	28.7
G34100-0502	5C5-2RMP	7236-04035	1/4	6.4	1/8-27	1/2	—	1.77	45.0	1.00	25.4
G34100-0504	5C5-4RMP	7236-04045	1/4	6.4	1/4-18	9/16	—	1.96	49.8	1.19	30.2
G34100-0504B	5C5-4RMPB	7236-03005	1/4	6.3	1/4-18	9/16	—	1.96	49.8	1.19	30.2
G34100-0604	6C5-4RMP	7236-04055	5/16	7.9	1/4-18	9/16	—	2.17	55.1	1.22	31.0
G34100-0606	6C5-6RMP	7236-04275	5/16	7.9	3/8-18	11/16	—	2.17	55.1	1.22	31.0
G34100-0606B	6C5-6RMPB	7236-03015	5/16	7.9	3/8-18	11/16	—	2.17	55.1	1.22	31.0
G34100-0806	8C5-6RMP	7236-04065	13/32	10.3	3/8-18	11/16	—	2.46	62.5	1.34	34.0
G34100-0808	8C5-8RMP	7236-04075	13/32	10.3	1/2-14	7/8	—	2.71	68.8	1.59	40.4
G34100-0808B	8C5-8RMPB	7236-03085	13/32	10.3	1/2-14	7/8	—	2.71	68.8	1.59	40.4
G34100-1008	10C5-8RMP	7236-04085	1/2	12.7	1/2-14	1 1/16	—	2.88	73.2	1.59	40.4
G34100-1008B	10C5-8RMPB	7236-03035	1/2	12.7	1/2-14	7/8	—	2.88	73.2	1.59	40.4
G34100-1012	10C5-12RMP	7236-04095	1/2	12.7	3/4-14	1	—	2.95	74.9	1.66	42.2
G34100-1208	12C5-8RMP	7236-04105	5/8	15.9	1/2-14	7/8	—	3.15	80.1	1.59	40.4
G34100-1212	12C5-12RMP	7236-04115	5/8	15.9	3/4-14	1 1/16	—	3.25	82.7	1.69	42.9
G34100-1212B	12C5-12RMPB	7236-03045	5/8	15.9	3/4-14	1 1/16	—	3.26	82.8	1.69	42.9
G34100-1612	16C5-12RMP	7236-86412	7/8	22.2	3/4-14	1 1/8	—	2.71	68.8	1.53	38.9
G34100-1616	16C5-16RMP	7236-86413	7/8	22.2	1-11 1/2	1 3/8	—	2.90	73.7	1.72	43.7
G34100-1616B	16C5-16RMPB	7236-03065	7/8	22.2	1-11 1/2	1 3/8	—	2.91	73.9	1.72	43.7
G34100-2020	20C5-20RMP	7236-86428	1 1/8	28.6	1 1/4-11 1/2	1 11/16	—	3.25	82.5	1.88	47.8
G34100-2424	24C5-24RMP	7236-86388	1 3/8	34.9	1 1/2-11 1/2	2	—	3.45	87.6	2.03	51.6
G34100-3232	32C5-32RMP	7236-86389	1 13/16	46.0	2-11 1/2	2 1/2	—	4.07	103.4	2.22	56.4

Male O-Ring Boss

DOT FMVSS 106-74 Type AII.



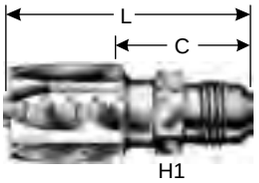


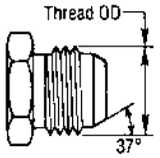
Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G34120-0404	4C5-4RMB	7236-86451	3/16	4.8	7/16-20	5/8	—	1.66	42.2	.94	23.9
G34120-0606	6C5-6RMB	7236-86453	5/16	7.9	9/16-18	11/16	—	2.00	50.8	1.05	26.7
G34120-0808	8C5-8RMB	7236-86454	13/32	10.3	3/4-16	15/16	—	2.35	59.7	1.19	30.2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Field Attachable for C5C, C5D & C5M Hose

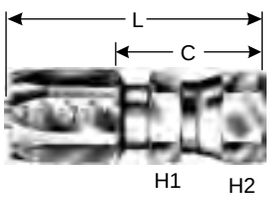
Male JIC 37° Flare

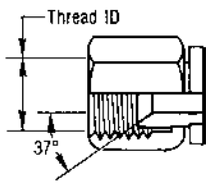




Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G34165-0404	4C5-4RMJ	7236-86431	3/16	4.8	7/16-20	1/2	—	1.79	45.5	1.09	27.7
G34165-0505	5C5-5RMJ	7236-86432	1/4	6.4	1/2-20	1/2	—	1.96	49.8	1.19	30.2
G34165-0606	6C5-6RMJ	7236-86433	5/16	7.9	9/16-18	9/16	—	2.17	55.1	1.22	31.0
G34165-0808	8C5-8RMJ	7236-86434	13/32	10.3	3/4-16	3/4	—	2.56	65.0	1.44	36.6
G34165-1010	10C5-10RMJ	7236-86435	1/2	12.7	7/8-14	7/8	—	2.88	73.2	1.59	40.4
G34165-1212	12C5-12RMJ	7236-86436	5/8	15.9	1 1/16-12	1 1/16	—	3.34	84.8	1.78	45.2
G34165-1616	16C5-16RMJ	7236-86437	7/8	22.2	1 5/16-12	1 5/16	—	2.87	73.0	1.69	42.9

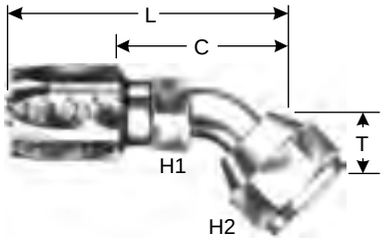
Female JIC 37° Flare Swivel

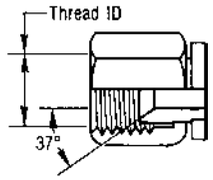




Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G34170-0606	6C5-6RFJX	7238-86443	5/16	7.9	9/16-18	3/4	3/4	2.39	60.7	1.44	36.6
G34170-0606B	6C5-6RFJXB	7238-04075	5/16	7.9	9/16-18	3/4	3/4	2.39	60.7	1.44	36.6
G34170-0806	8C5-6RFJX	7238-04305	13/32	10.3	9/16-18	3/4	3/4	2.66	67.6	1.54	39.1
G34170-1012	10C5-12RFJX	7238-04325	1/2	12.7	1 1/16-12	1 1/4	1 1/4	3.22	81.8	1.93	49.0
G34170-1212	12C5-12RFJX	7238-86446	5/8	15.9	1 1/6-12	1 1/4	1 1/4	3.50	88.9	1.94	49.3
G34170-1212B	12C5-12RFJXB	7238-04085	5/8	15.9	1 1/16-12	1 1/4	1 1/4	3.50	88.9	1.94	49.3
G34170-1616	16C5-16RFJX	7238-86447	7/8	22.2	1 5/16-12	1 1/2	1 1/2	3.12	79.2	1.94	49.3
G34170-1616B	16C5-16RFJXB	7238-04095	7/8	22.2	1 5/16-12	1 1/2	1 1/2	3.12	79.2	1.94	49.3
G34170-2020	20C5-20RFJX	7238-86394	1 1/8	28.6	1 5/8-12	2	2	3.56	90.4	2.19	55.6
G34170-2424	24C5-24RFJX	7238-86395	1 3/8	34.9	1 7/8-12	2 1/4	2 1/4	3.79	96.3	2.37	60.2
G34170-3232	32C5-32RFJX	7238-86396	1 13/16	46.0	2 1/2-12	2 1/2	2 7/8	4.99	126.7	2.72	69.1

Female JIC 37° Flare Swivel - 45° Bent Tube

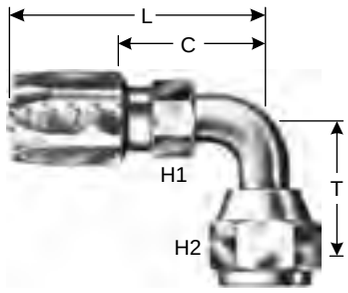


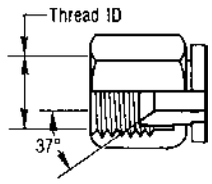


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G34175-0606	6C5-6RFJX45	7235-86464	5/16	7.9	9/16-18	1/2	11/16	.41	10.4	2.40	61.0	1.45	36.8
G34175-1212	12C5-12RFJX45	7235-86467	5/8	15.9	1 1/16-12	7/8	1 1/4	.78	19.8	4.27	108.5	2.71	68.8
G34175-1616	16C5-16RFJX45	7235-86468	7/8	22.2	1 5/16-12	1 1/8	1 1/2	.88	22.4	4.03	102.4	2.84	72.1

Female JIC 37° Flare Swivel - 90° Bent Tube

DOT FMVSS 106-74 Type AII.





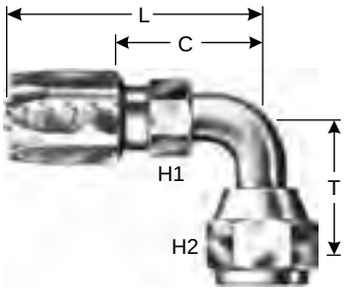
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G34179-2020	20C5-20RFJX90S	7235-20265	1 1/8	28.6	1 5/8-12	1 3/8	2	2.75	69.8	5.07	128.8	3.70	94.0
G34180-0606	6C5-6RFJX90	7235-86471	5/16	7.9	9/16-18	1/2	11/16	.84	21.3	2.28	57.9	1.33	33.8
G34180-1212	12C5-12RFJX90	7235-86474	5/8	15.9	1 1/16-12	7/8	1 1/4	1.81	46.0	4.22	107.2	2.66	67.6
G34180-1616	16C5-16RFJX90	7235-86475	7/8	22.2	1 5/16-12	1 1/8	1 1/2	2.16	54.9	3.95	100.3	2.76	70.1

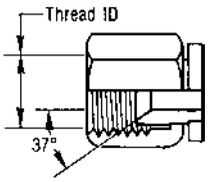
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female JIC 37° Flare Swivel - 90° Long Bent Tube

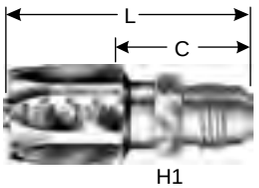
DOT FMVSS 106-74 Type AII.

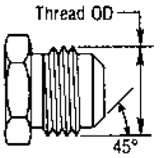




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G34181-0606	6C5-6RFJX90L	7235-04205	5/16	7.9	9/16-18	1/2	11/16	2.19	55.6	2.28	57.9	1.33	33.8
G34181-1212	12C5-12RFJX90L	7235-86481	5/8	15.9	1 1/16-12	7/8	1 1/4	3.75	95.2	4.22	107.2	2.66	67.6
G34181-1616	16C5-16RFJX90L	7235-86482	7/8	22.2	1 5/16-12	1 1/8	1 1/2	4.34	110.2	3.95	100.3	2.76	70.1
G34181-2020	20C5-20RFJX90L	7235-20255	1 1/8	28.6	1 5/8-12	1 3/8	2	5.50	139.7	5.26	133.6	3.89	98.8

Male SAE 45° Flare

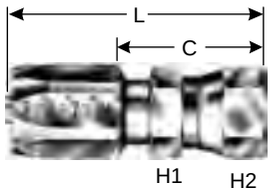


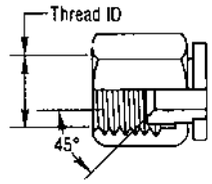


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G34195-0404	4C5-4RMS	7236-86414	3/16	4.8	1/2-20	1/2	—	1.76	44.7	1.06	26.9
G34195-0505	5C5-5RMS	7236-86415	1/4	6.4	1/2-20	1/2	—	1.96	49.8	1.19	30.2
G34195-0606	6C5-6RMS	7236-86416	5/16	7.9	5/8-18	5/8	—	2.23	56.6	1.28	32.5
G34195-0808	8C5-8RMS	7236-86417	13/32	10.3	3/4-16	3/4	—	2.65	67.3	1.53	38.9
G34195-1010	10C5-10RMS	7236-86418	1/2	12.7	7/8-14	7/8	—	3.01	76.5	1.72	43.7
G34195-1212	12C5-12RMS	7236-86419	5/8	15.9	1 1/16-14	1 1/16	—	3.50	88.9	1.94	49.3

Female SAE 45° Flare Swivel

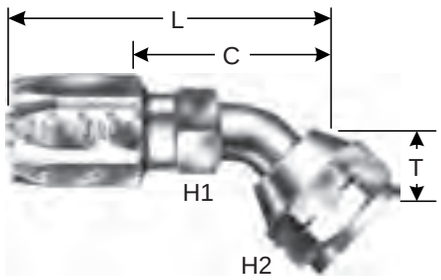
DOT FMVSS 106-74 Type AII.

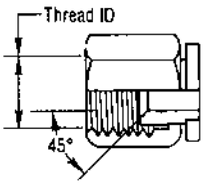




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G34200-0606	6C5-6RFSX	7238-04235	5/16	7.9	5/8-18	3/4	3/4	2.42	61.5	1.47	37.3
G34200-0606B	6C5-6RFSXB	7238-04045	5/16	7.9	5/8-18	3/4	3/4	2.42	61.5	1.47	37.3
G34200-1012	10C5-12RFSX	7238-04335	1/2	12.7	1 1/16-14	1 1/4	1 1/4	3.22	81.8	1.93	49.0
G34200-1212	12C5-12RFSX	7238-04265	5/8	15.9	1 1/16-14	1 1/4	1 1/4	3.50	88.9	1.94	49.3
G34200-1212B	12C5-12RFSXB	7238-04055	5/8	15.9	1 1/16-14	1 1/4	1 1/4	3.50	88.9	1.94	49.3

Female SAE 45° Flare Swivel - 45° Bent Tube



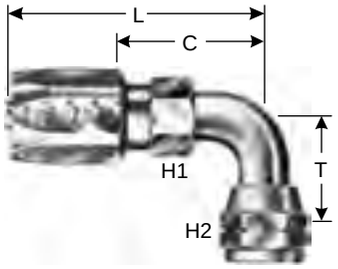


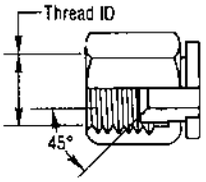
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G34202-0606	6C5-6RFSX45	7235-04855	5/16	7.9	5/8-18	1/2	3/4	.41	10.4	2.42	61.5	1.47	37.3
G34202-1212	12C5-12RFSX45	7235-04885	5/8	15.9	1 1/16-14	7/8	1 1/4	.74	18.8	4.27	108.5	2.71	68.8

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

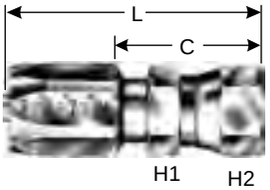
Female SAE 45° Flare Swivel - 90° Bent Tube





Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G34205-0606	6C5-6RFSX90	7235-04915	5/16	7.9	5/8-18	1/2	3/4	.84	21.3	2.28	57.9	1.33	33.8
G34205-1212	12C5-12RFSX90	7235-04945	5/8	15.9	1 1/16-14	7/8	1 1/4	1.81	46.0	4.72	119.9	2.66	67.6
G34206-0606	6C5-6RFSX90L	7235-86497	5/16	7.9	5/8-18	1/2	3/4	2.19	55.6	2.28	57.9	1.22	31.0
G34206-1212	12C5-12RFSX90L	7235-86376	5/8	15.9	1 1/16-14	7/8	1 1/4	3.75	95.2	4.22	107.2	2.16	54.9

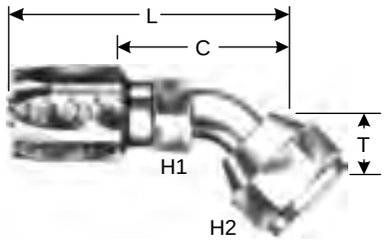
Dual Seat Female JIC 37°/SAE 45° Flare Swivel



Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G34210-0404	4C5-4RFJSX	7238-04215	3/16	4.8	7/16-20	9/16	9/16	1.92	48.8	1.22	31.0
G34210-0504	5C5-4RFJSX	7238-04275	1/4	6.4	7/16-20	9/16	9/16	2.05	52.1	1.28	32.5
G34210-0505	5C5-5RFJSX	7238-04225	1/4	6.4	1/2-20	11/16	11/16	2.11	53.6	1.34	34.0
G34210-0505B	5C5-5RFJSXB	7238-04005	1/4	6.4	1/2-20	11/16	11/16	2.11	53.6	1.34	34.0
G34210-0608	6C5-8RFJSX	7238-04295	5/16	7.9	3/4-16	7/8	7/8	2.48	63.0	1.53	38.9
G34210-0808	8C5-8RFJSX	7238-04245	13/32	10.3	3/4-16	7/8	7/8	2.75	69.8	1.63	41.4
G34210-0808B	8C5-8RFJSXB	7238-04015	13/32	10.3	3/4-16	7/8	7/8	2.75	69.8	1.63	41.4
G34210-1008	10C5-8RFJSX	7238-04315	1/2	12.7	3/4-16	7/8	7/8	2.93	74.4	1.64	41.6
G34210-1010	10C5-10RFJSX	7238-04255	1/2	12.7	7/8-14	1 1/16	1 1/16	3.10	78.7	1.81	46.0
G34210-1010B	10C5-10RFJSXB	7238-04025	1/2	12.7	7/8-14	1 1/16	1 1/16	3.10	78.7	1.81	46.0

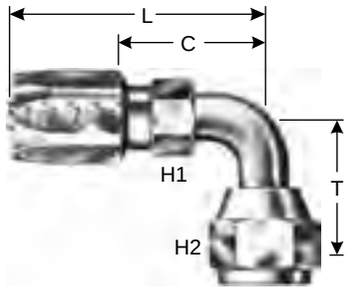
Dual Seat Female JIC 37°/SAE 45° Flare Swivel - 45° Bent Tube

DOT FMVSS 106-74 Type AII.



Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G34211-0404	4C5-4RFJSX45	7235-20005	3/16	4.8	7/16-20	7/16	9/16	.34	8.6	1.90	48.3	1.21	30.7
G34211-0505	5C5-5RFJSX45	7235-20015	1/4	6.4	1/2-20	7/16	5/8	.38	9.7	2.11	53.6	1.34	34.0
G34211-0608	6C5-8RFJSX45	7235-20045	5/16	7.9	3/4-16	5/8	7/8	.56	14.2	2.71	68.8	1.76	44.7
G34211-0808	8C5-8RFJSX45	7235-20025	13/32	10.3	3/4-16	5/8	7/8	.56	14.2	2.98	75.7	1.86	47.2
G34211-1010	10C5-10RFJSX45	7235-20035	1/2	12.7	7/8-14	3/4	1	.63	16.0	3.60	91.4	2.31	58.7

Dual Seat Female JIC 37°/SAE 45° Flare Swivel - 90° Bent Tube



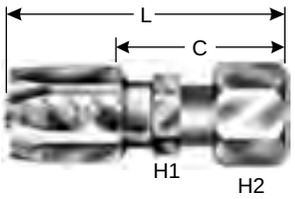
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G34212-0404	4C5-4RFJSX90	7235-20105	3/16	4.8	7/16-20	7/16	9/16	.69	17.5	1.78	45.2	1.08	27.4
G34212-0505	5C5-5RFJSX90	7235-20115	1/4	6.4	1/2-20	7/16	5/8	.78	19.8	2.02	51.3	1.25	31.8
G34212-0808	8C5-8RFJSX90	7235-20125	13/32	10.3	3/4-16	5/8	7/8	1.09	27.7	2.79	70.9	1.67	42.4
G34212-1010	10C5-10RFJSX90	7235-20135	1/2	12.7	7/8-14	3/4	1	1.25	31.8	3.41	86.6	2.12	53.8
G34213-0404	4C5-4RFJSX90L	7235-20205	3/16	4.8	7/16-20	7/16	9/16	1.81	46.0	1.78	45.2	1.08	27.4
G34213-0505	5C5-5RFJSX90L	7235-20215	1/4	6.4	1/2-20	7/16	5/8	1.78	45.2	2.02	51.3	1.25	31.8
G34213-0808	8C5-8RFJSX90L	7235-20225	13/32	10.3	3/4-16	5/8	7/8	2.44	62.0	2.79	70.9	1.67	42.4
G34213-1010	10C5-10RFJSX90L	7235-20235	1/2	12.7	7/8-14	3/4	1	2.56	65.0	3.41	86.6	2.12	53.8

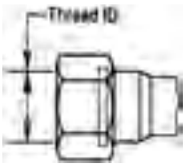
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Flat-Face Swivel

DOT FMVSS 106-74 Type AII.SAE J1453 O-Ring Face Seal.

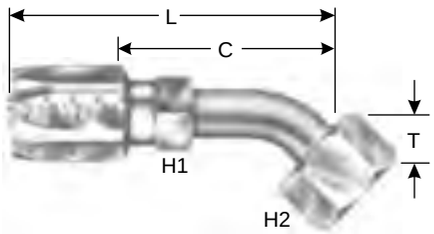


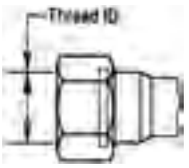


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G34230-0404	4C5-4RFFORX	7238-01505	3/16	4.8	9/16-18	9/16	11/16	2.07	52.6	1.32	33.5
G34230-0606	6C5-6RFFORX	7238-01265	5/16	7.9	11/16-16	1/2	13/16	2.53	64.3	1.58	40.1
G34230-0808	8C5-8RFFORX	7238-01535	13/32	10.3	13/16-16	13/16	15/16	2.92	74.3	1.77	45.1
G34230-1010	10C5-10RFFORX	7238-01545	1/2	12.7	1-14	15/16	1 1/8	3.23	82.0	1.94	49.3
G34230-1212	12C5-12RFFORX	7238-01555	5/8	15.9	1 3/16-12	7/8	1 3/8	3.70	94.0	2.12	53.8

Female Flat-Face Swivel - 45° Bent Tube

SAE J1453 O-Ring Face Seal.

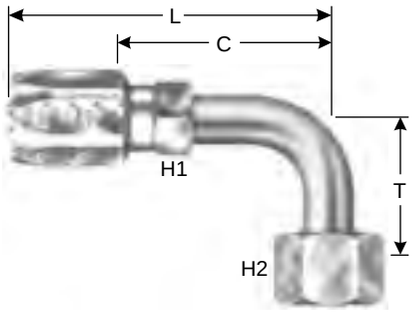


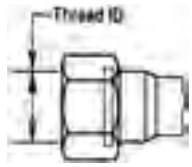


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G34235-0404	4C5-4RFFORX45	7235-05275	3/16	4.8	9/16-18	1/2	11/16	.41	10.4	2.42	61.5	1.67	42.4

Female Flat-Face Swivel - 90° Bent Tube

SAE J1453 O-Ring Face Seal.

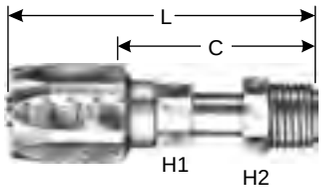


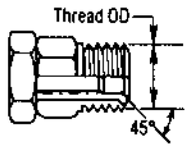


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G34239-0606	6C5-6RFFORX90S	7235-05305	5/16	7.9	5/8-18	1/2	13/16	.90	22.9	2.77	70.3	1.82	46.2
G34240-0404	4C5-4RFFORX90	7235-05285	1/4	4.8	1/2-20	1/2	11/16	.82	20.8	2.17	55.1	1.42	36.1

Male SAE 45° Flare Inverted Swivel

DOT FMVSS 106-74 Type AII.





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G34500-0404	4C5-4RMIX	7235-86372	3/16	4.8	7/16-24	7/16	7/16	2.41	61.2	1.72	43.7
G34500-0505	5C5-5RMIX	7235-86381	1/4	6.4	1/2-20	7/16	1/2	2.63	66.8	1.84	46.7
G34500-0506	5C5-6RMIX	7235-01025	5/16	6.4	5/8-18	1/2	5/8	2.59	65.8	1.82	46.2
G34500-0605	6C5-5RMIX	7235-01035	5/16	7.9	1/2-20	1/2	1/2	2.60	66.0	1.65	41.9
G34500-0606	6C5-6RMIX	7235-86382	5/16	7.9	5/8-18	1/2	5/8	2.86	72.6	1.91	48.5
G34500-0608	6C5-8RMIX	7235-01055	3/8	7.9	3/4-16	5/8	3/4	3.23	82.0	2.28	57.9
G34500-0806	8C5-6RMIX	7235-01065	13/32	10.3	5/8-18	5/8	5/8	3.13	79.5	2.01	51.0
G34500-0808	8C5-8RMIX	7235-01075	1/2	10.3	3/4-16	5/8	3/4	3.49	88.6	2.37	60.2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
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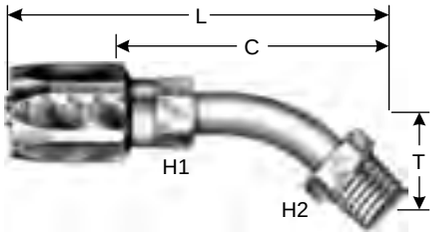
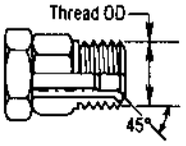
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male SAE 45° Flare Inverted Swivel - 45° Bent Tube

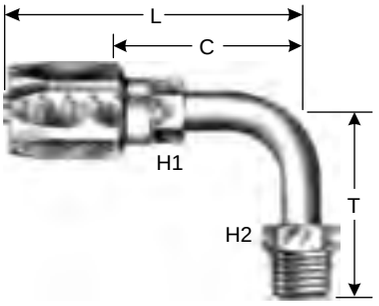


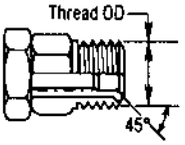


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G34502-0404	4C5-4RMIX45	7235-05005	3/16	4.8	7/16-24	7/16	7/16	.62	15.7	2.18	55.4	1.48	37.6
G34502-0606	6C5-6RMIX45	7235-05015	5/16	7.9	5/8-18	1/2	5/8	.94	23.9	3.03	77.0	2.09	53.1
G34502-0808	8C5-8RMIX45	7235-05025	13/32	10.3	3/4-16	5/8	3/4	1.09	27.7	3.44	87.4	2.32	58.9

Male SAE 45° Flare Inverted Swivel - 90° Bent Tube

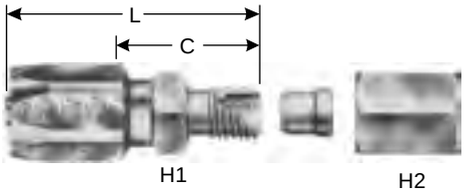
DOT FMVSS 106-74 Type AII.

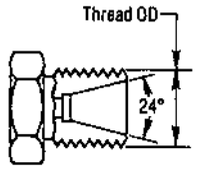




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G34504-0404	4C5-4RMIX90	7235-05105	3/16	4.8	7/16-24	7/16	7/16	1.56	39.6	2.17	55.1	1.47	37.3
G34504-0505	5C5-5RMIX90	7235-86386	1/4	6.4	1/2-20	7/16	1/2	1.66	42.2	2.43	61.7	1.66	42.2
G34504-0606	6C5-6RMIX90	7235-86387	5/16	7.9	5/8-18	1/2	5/8	1.69	42.9	2.64	67.0	1.69	42.9
G34504-0608	6C5-8RMIX90	7235-05135	3/8	7.9	3/4-16	5/8	3/4	1.78	45.2	2.73	69.3	1.78	45.2
G34504-0806	8C5-6RMIX90	7235-05145	13/32	10.3	5/8-18	5/8	5/8	1.69	42.9	2.81	71.4	1.69	42.9
G34504-0808	8C5-8RMIX90	7235-05155	1/2	10.3	3/4-16	5/8	3/4	1.78	45.2	2.90	73.7	1.78	45.2

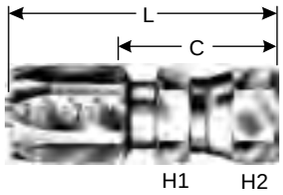
SAE Male Flareless Assembly





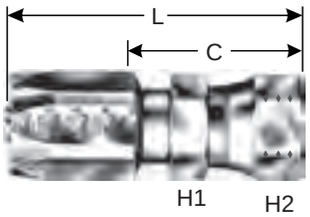
Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G34510-0404	4C5-4RMFA	7236-04855	3/16	4.8	7/16-20	1/2	9/16	1.81	46.0	1.06	26.9
G34510-0505	5C5-5RMFA	7236-04865	1/4	6.4	1/2-20	9/16	5/8	1.91	48.6	1.12	28.4
G34510-0604	6C5-4RMFA	7236-04875	5/16	7.9	7/16-20	9/16	9/16	2.03	51.6	1.13	28.7
G34510-0606	6C5-6RMFA	7236-04885	5/16	7.9	5/8-18	5/8	11/16	2.05	52.1	1.15	29.2
G34510-0808	8C5-8RMFA	7236-04895	13/32	10.3	3/4-16	13/16	7/8	2.52	64.0	1.37	34.8
G34510-1010	10C5-10RMFA	7236-04905	1/2	12.7	7/8-14	15/16	1	2.77	70.3	1.48	37.6

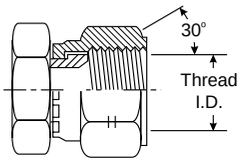
Female Air Brake Swivel



Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G34540-0606	6C5-6RFABX	7238-04425	5/16	7.9	3/4-20	7/8	7/8	2.29	58.2	1.34	34.0
G34540-0806	8C5-6RFABX	7238-04435	13/32	10.3	3/4-20	7/8	7/8	2.60	66.0	1.48	37.6

Parker Triple Thread Female Swivel





Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G34562-1616	16C5-16RFZX	7238-86461	7/8	22.2	1 5/16-14	1 1/2	1 1/2	2.90	73.7	1.72	43.7

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
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SURELOK
HOSE CUTTERS & TOOLS
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AIR BRAKE HOSE ASSEMBLIES
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ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

C5E High-Temp Flexline Hose

DOT FMVSS 106 Type AI, SAE J1019 and SAE J1402 Type AI (-4 to -12).

Recommended For: Air brake hose, power steering (CAUTION: Intended for heavy-duty commercial vehicle use only), fuel filter, engine and transmission coolant lines, and hot (+300°F) lube oil lines.

Tube: Black, oil and heat resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire over one braid of polyester.

Cover: Black, oil and heat resistant, textile braid impregnated with synthetic rubber. Green stripe for easy identification.

Temperature Range: -40°F to +300°F (-40°C to +149°C). Air +250°F (+121°C) maximum only. For water emulsions see Temperature Limits Table.

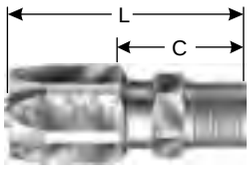
Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
C5E Field Attachable Couplings

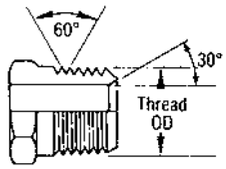
Part No.	Description	Product No.						Standard Pack
85690	4C5E X50FT	3658-4990	3/16	0.49	1,500	6,000	.8	1
70530	4C5EXREEL	3658-0210	3/16	0.49	1,500	6,000	.8	440
85691	5C5E X50FT	3658-4991	1/4	0.55	1,500	6,000	1.0	1
70531	5C5EXREEL	3658-0211	1/4	0.55	1,500	6,000	1.0	385
85692	6C5E X50FT	3658-4992	5/16	0.61	1,500	6,000	1.3	1
70532	6C5EXREEL	3658-0212	5/16	0.61	1,500	6,000	1.3	385
85693	8C5E X50FT	3658-4993	13/32	0.73	1,250	5,000	1.8	1
70193	8C5EXCTN	3658-0203	13/32	0.73	1,250	5,000	1.8	475
70533	8C5EXREEL	3658-0213	13/32	0.73	1,250	5,000	1.8	330
85694	10C5E X50FT	3658-4994	1/2	0.83	1,250	5,000	2.3	1
70194	10C5EXCTN	3658-0204	1/2	0.83	1,250	5,000	2.3	330
70534	10C5EXREEL	3658-0214	1/2	0.83	1,250	5,000	2.3	275
85695	12C5E X50FT	3658-4995	5/8	0.95	750	3,000	2.8	1
70195	12C5EXCTN	3658-0205	5/8	0.95	750	3,000	2.8	200
70535	12C5EXREEL	3658-0215	5/8	0.95	750	3,000	3.0	220
85696	16C5E X50FT	3658-4996	7/8	1.20	400	1,600	3.5	1
70536	16C5EXREEL	3658-0216	7/8	1.20	400	1,600	3.5	165
85697	20C5E X25FT	3658-4989	1 1/8	1.49	300	1,250	4.5	1
70197	20C5EXCTN	3658-0207	1 1/8	1.49	300	1,250	4.5	100

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

Male Pipe (NPTF - 30° Cone Seat)

DOT FMVSS Type AI (No mandrel required).

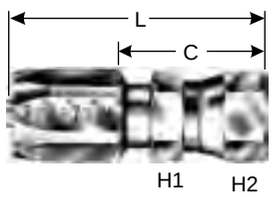


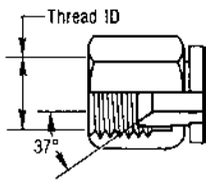


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G35100-0402	4C5E-2RMP	7236-00755	3/16	4.8	1/8-27	1/2	—	1.53	38.9	.81	20.6
G35100-0404	4C5E-4RMP	7236-00765	3/16	4.8	1/4-18	9/16	—	1.75	44.5	1.03	26.2
G35100-0504	5C5E-4RMP	7236-00775	1/4	6.4	1/4-18	9/16	—	1.76	44.7	.96	24.4
G35100-0604	6C5E-4RMP	7236-00785	5/16	7.9	1/4-18	9/16	—	1.85	47.0	1.00	25.4
G35100-0606	6C5E-6RMP	7236-00795	5/16	7.9	3/8-18	11/16	—	1.89	48.0	1.04	26.4
G35100-0806	8C5E-6RMP	7236-00805	13/32	10.3	3/8-18	11/16	—	2.19	55.6	1.19	30.2
G35100-0808	8C5E-8RMP	7236-00815	13/32	10.3	1/2-14	7/8	—	2.29	58.2	1.29	32.8
G35100-1008	10C5E-8RMP	7236-00825	1/2	12.7	1/2-14	7/8	—	2.38	60.5	1.31	33.3
G35100-1212	12C5E-12RMP	7236-00835	5/8	15.9	3/4-14	1 1/16	—	2.59	65.8	1.44	36.6
G35100-1216	12C5E-16RMP	7236-00845	5/8	15.9	1-11 1/2	1 3/8	—	2.87	72.9	1.72	43.7
G35100-1612	16C5E-12RMP	7236-00865	7/8	22.2	3/4-14	1 1/16	—	2.49	63.2	1.43	36.3
G35100-1616	16C5E-16RMP	7236-00855	7/8	22.2	1-11 1/2	1 3/8	—	2.80	71.1	1.74	44.2
G35100-2020	20C5E-20RMP	7236-00885	1 1/8	28.6	1 1/4-11	1 3/4	—	2.92	74.2	1.80	45.7

Female JIC 37° Flare Swivel

DOT FMVSS Type AI (No mandrel required).





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G35170-0606	6C5E-6RFJX	7238-01025	5/16	7.9	9/16-18	3/4	3/4	2.04	51.8	1.19	30.2
G35170-1212	12C5E-12RFJX	7238-01055	5/8	15.9	1 1/16-12	1 1/4	1 1/4	2.92	74.2	1.78	45.2
G35170-1616	16C5E-16RFJX	7238-01065	7/8	22.2	1 5/16-12	1 1/2	1 1/2	2.90	73.7	1.84	46.7
G35170-2020	20C5E-20RFJX	7238-01215	1 1/8	28.6	1 5/8-12	1 9/16	2	3.34	84.8	2.20	55.9

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
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AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
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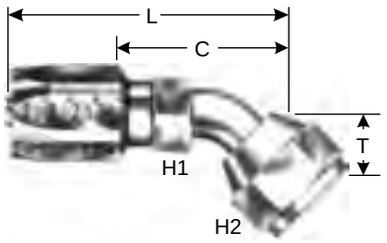
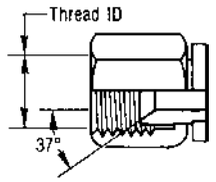
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female JIC 37° Flare Swivel - 45° Bent Tube

DOT FMVSS Type AI (No mandrel required).

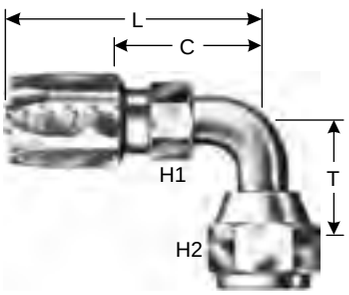


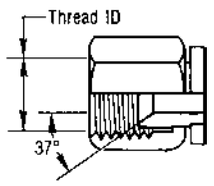


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G35175-0606	6C5E-6RFJX45	7235-20415	5/16	7.9	9/16-18	1/2	11/16	.41	10.4	2.33	59.2	1.48	37.6
G35175-1212	12C5E-12RFJX45	7235-20455	5/8	15.9	1 1/16-12	7/8	1 1/4	.78	19.8	3.63	92.2	2.49	63.2

Female JIC 37° Flare Swivel - 90° Bent Tube

DOT FMVSS Type AI (No mandrel required).



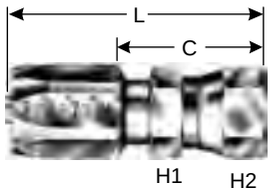


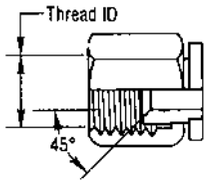
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G35180-0606	6C5E-6RFJX90	7235-00305	5/16	7.9	9/16-18	1/2	11/16	.84	21.3	2.21	56.1	1.36	34.5
G35180-1212	12C5E-12RFJX90	7235-00265	5/8	15.9	1 1/16-12	7/8	1 1/4	1.81	46.0	3.58	90.9	2.44	62.0
G35180-1616	16C5E-16RFJX90	7235-00285	7/8	22.2	1 5/16-13	1 1/4	1 1/2	2.16	54.9	3.72	94.5	2.66	67.6
G35180-2020	20C5E-20RFJX90	7235-20345	1 1/8	26.6	1 5/8-12	2	1 9/16	2.65	67.3	5.58	141.0	4.45	113.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female SAE 45° Flare Swivel

DOT FMVSS Type AI (No mandrel required).

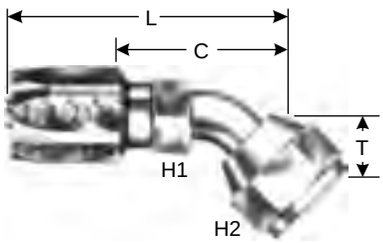


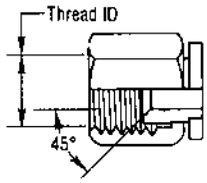


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G35200-0606	6C5E-6RFSX	7238-00955	5/16	7.9	5/8-18	3/4	3/4	2.13	54.1	1.28	32.5
G35200-1212	12C5E-12RFSX	7238-00985	5/8	15.9	1 1/16-14	1 1/4	1 1/4	2.94	74.7	1.80	45.7

Female SAE 45° Flare Swivel - 45° Bent Tube

DOT FMVSS Type AI (No mandrel required).

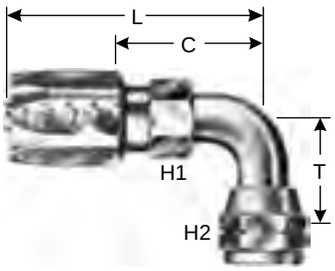


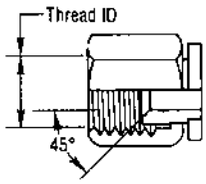


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G35202-0606	6C5E-6RFSX45	7235-20425	5/16	7.9	5/8-18	1/2	3/4	.41	10.4	2.33	59.2	1.48	37.6
G35202-1212	12C5E-12RFSX45	7235-20465	5/8	15.9	1 1/16-14	7/8	1 1/4	.78	19.8	3.63	92.2	2.49	63.2

Female SAE 45° Flare Swivel - 90° Bent Tube

DOT FMVSS Type AI (No mandrel required).





Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G35205-0606	6C5E-6RFSX90	7235-00315	5/16	7.9	5/8-18	1/2	3/4	.84	21.3	2.21	56.1	1.36	34.5

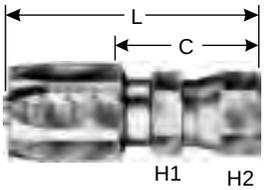
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female SAE 45° Flare Swivel - 90° Bent Tube - Cont'd

Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
G35205-1212	12C5E-12RFSX90	7235-00275	5/8	15.9	1 1/16-14	7/8	1 1/4	1.81	46.0	3.58	90.9	2.44	62.0

Dual Seat Female JIC 37°/SAE 45° Flare Swivel

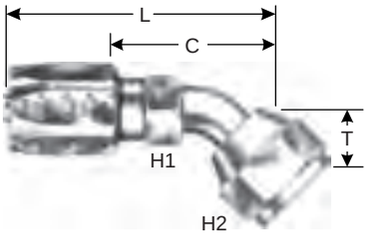
DOT FMVSS Type AI (No mandrel required).



Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G35210-0404	4C5E-4RFJSX	7238-01005	3/16	4.8	7/16-20	1/2	9/16	1.82	46.2	1.10	27.9
G35210-0505	5C5E-5RFJSX	7238-01015	1/4	6.3	1/2-20	1/2	11/16	2.00	50.8	1.21	30.7
G35210-0808	8C5E-8RFJSX	7238-01035	13/32	10.3	3/4-16	7/8	7/8	2.45	62.2	1.45	36.8
G35210-1010	10C5E-10RFJSX	7238-01045	1/2	12.7	7/8-14	1 1/16	1 1/16	2.72	69.1	1.65	41.9

Dual Seat Female JIC 37°/SAE 45° Flare Swivel - 45° Bent Tube

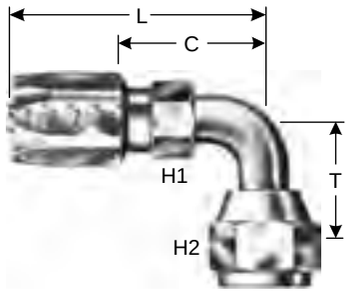
DOT FMVSS Type AI (No mandrel required).



Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G35211-0404	4C5E-4RFJSX45	7235-20405	3/16	4.8	7/16-20	1/2	9/16	.34	8.6	1.92	48.8	1.20	30.5
G35211-0808	8C5E-8RFJSX45	7235-20435	13/32	10.3	3/4-16	11/16	7/8	.56	14.2	2.73	69.3	1.73	43.9
G35211-1010	10C5E-10RFJSX45	7235-20445	1/2	12.7	7/8-14	3/4	1	.63	16.0	3.17	80.5	2.11	53.6

Dual Seat Female JIC 37°/SAE 45° Flare Swivel - 90° Bent Tube

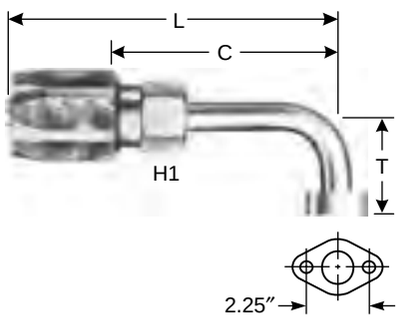
DOT FMVSS Type AI (No mandrel required).



Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G35212-0404	4C5E-4RFJSX90	7235-20305	3/16	4.8	7/16-20	1/2	9/16	.69	17.5	1.72	43.7	1.00	25.4
G35212-0808	8C5E-8RFJSX90	7235-20315	13/32	10.3	3/4-16	11/16	7/8	1.09	27.7	2.54	64.5	1.54	39.1
G35212-1010	10C5E-10RFJSX90	7235-20325	1/2	12.7	7/8-14	3/4	1	1.25	31.8	2.97	75.4	1.91	48.5

Special Flange - 90° - Engine Oil Connection (Code 61-2 bolt)

DOT FMVSS Type AI (No mandrel required).



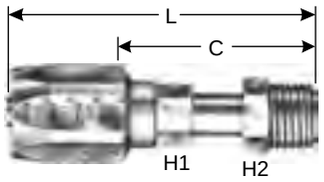
Part No.	Descr.	Prod. No.	⊖		H1	H2	T		L		C	
			"	mm	"	"	"	mm	"	mm	"	mm
STANDARD PACK												
G34342-2020	20C5-20RFL90S	7235-20275	1 1/8	28.6	1 9/16	—	2.50	63.5	4.95	125.7	3.95	100.3
G35342-2020	20C5E-20RFL90S	7235-20355	1 1/8	28.6	1 9/16	—	2.50	63.5	4.95	125.7	3.82	97.0

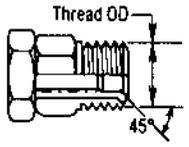
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male SAE 45° Flare Inverted Swivel

DOT FMVSS Type AI (No mandrel required).

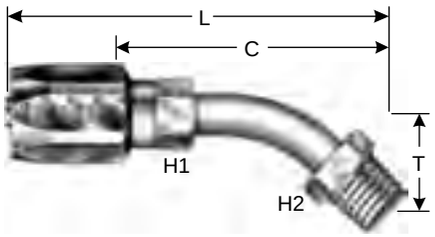


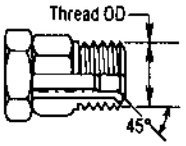


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G35500-0404	4C5E-4RMIX	7235-02855	3/16	4.8	7/16-24	1/2	7/16	2.05	52.1	1.33	33.8
G35500-0505	5C5E-5RMIX	7235-02865	1/4	6.3	1/2-20	1/2	1/2	2.26	57.4	1.45	36.8
G35500-0605	6C5E-5RMIX	7235-02875	5/16	7.9	1/2-20	1/2	1/2	2.39	60.7	1.54	39.1
G35500-0606	6C5E-6RMIX	7235-02885	5/16	7.9	5/8-18	1/2	5/8	2.71	68.8	1.86	47.2
G35500-0808	8C5E-8RMIX	7235-02895	13/32	10.3	3/4-18	11/16	3/4	3.24	82.3	2.24	56.9

Male SAE 45° Flare Inverted Swivel - 45° Bent Tube

DOT FMVSS Type AI (No mandrel required).

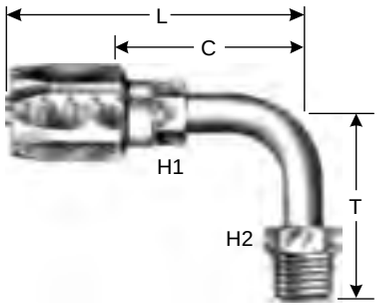


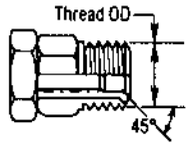


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G35502-0606	6C5E-6RMIX45	7235-02795	5/16	7.9	5/8-18	1/2	5/8	.84	21.3	3.79	96.3	2.94	74.7
G35502-0808	8C5E-8RMIX45	7235-02905	13/32	10.3	3/4-18	11/16	3/4	1.09	27.7	4.24	107.7	3.24	82.3

Male SAE 45° Flare Inverted Swivel - 90° Bent Tube

DOT FMVSS Type AI (No mandrel required).

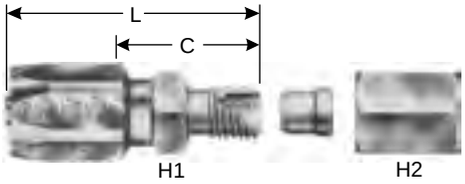


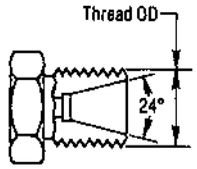


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G35504-0404	4C5E-4RMIX90	7235-02805	3/16	4.8	7/16-24	1/2	7/16	1.25	31.8	2.05	52.1	1.33	33.8
G35504-0505	5C5E-5RMIX90	7235-02815	1/4	6.3	1/2-20	1/2	1/2	1.50	38.1	2.25	57.1	1.46	37.1
G35504-0605	6C5E-5RMIX90	7235-02825	5/16	7.9	1/2-20	1/2	1/2	1.50	38.1	2.39	60.7	1.54	39.1
G35504-0606	6C5E-6RMIX90	7235-02835	5/16	7.9	5/8-18	1/2	5/8	1.63	41.4	2.71	68.8	1.86	47.2
G35504-0808	8C5E-8RMIX90	7235-02845	13/32	10.3	3/4-18	11/16	3/4	2.00	50.8	3.24	82.3	2.24	56.9

SAE Male Flareless Assembly

DOT FMVSS Type AI (No mandrel required).





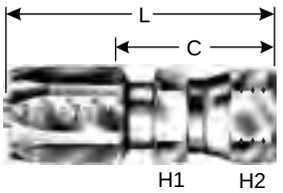
Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G35510-0404	4C5E-4RMFA	7236-04955	3/16	4.8	7/16-20	1/2	9/16	1.68	42.7	.96	24.5
G35510-0505	5C5E-5RMFA	7236-04965	1/4	6.3	1/2-20	9/16	5/8	1.72	43.7	.92	23.4
G35510-0604	6C5E-4RMFA	7236-04975	5/16	7.9	7/16-20	9/16	9/16	2.12	53.8	1.01	25.6
G35510-0606	6C5E-6RMFA	7236-04985	5/16	7.9	9/16-18	5/8	11/16	1.87	47.6	1.03	26.2
G35510-0808	8C5E-8RMFA	7236-04995	13/32	10.3	3/4-16	13/16	7/8	2.15	54.6	1.15	29.2
G35510-1010	10C5E-10RMFA	7236-05005	1/2	12.7	7/8-14	15/16	1	2.34	59.6	1.27	32.2

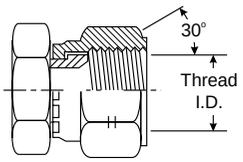
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Parker Triple Thread Female Swivel

DOT FMVSS Type AI (No mandrel required).





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G35562-1616	16C5E-16RFZX	7238-01075	7/8	22.2	1 5/16-14	1 1/2	1 1/2	2.74	69.6	1.68	42.7

Low Pressure — MegaTech® LOC 1-Fiber Braid High-Temp Lock-On Hose

Recommended For: High-temperature (300°F) transmission oil cooler lines, pressurized hot oil return lines and turbocharger oil supply lines. Meets or exceeds SAE J1019 performance specifications for high-temperature transmission and lubricating oil systems using petroleum base oils. Not recommended for gasoline or diesel fuel applications.

Tube: True-bore GTS (Gates Technical Spec.) black tube, specifically compounded for temperature and chemical resistance (CPE - Type J).

Reinforcement: One fiber braid.

Cover: Oil and mildew resistant, textile braid, impregnated with synthetic rubber.

Temperature Range: -40°F to +300°F (-40°C to +149°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Field Attachable LOC Couplings
GLP Couplings (-4 through -12)
MegaCrimp® Couplings (-16)

Part No.	Description	Product No.						Standard Pack
76993	4MEGATECHLOCXREEL	4319-0106	1/4	0.50	300	1,200	3.0	575
76994	6MEGATECHLOCXREEL	4319-0107	3/8	0.64	300	1,200	3.0	600
76995	8MEGATECHLOCXREEL	4319-0108	1/2	0.78	300	1,200	5.0	335
76996	10MEGATECHLOCXREEL	4319-0109	1/2	0.91	300	1,200	6.0	260
76997	12MEGATECHLOCXREEL	4319-0110	3/4	1.08	300	1,200	7.0	220
76998	16MEGATECHLOCXREEL	4319-0111	1	1.33	300	1,200	7.0	200

Low Pressure — LOC 1-Fiber Braid Lock-On Hose

Recommended For: Petroleum-base hydraulic oils, glycol antifreeze compounds, water, engine lubricating oils and air. Lock-On hose and couplings are NOT recommended for vibration or pressure surge applications, such as permanent piping in residential or commercial buildings. Meets SAE 30R2, SAE 30R6 and SAE 30R7 performance requirements for fuel and B20 biodiesel fuel transfer applications up to +125°F.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One fiber braid.

Cover: Oil and mildew resistant, textile braid, impregnated with synthetic rubber.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For air: -40°F to +160°F (-40°C to +71°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Field Attachable LOC Couplings
GLP Couplings
Use clamp over beaded nipple

Part No.	Description	Product No.						Standard Pack
86691	4LOC X50FT	4319-4935	1/4	0.52	250	1,000	3.0	1
70030	4LOCXREEL	4319-0112	1/4	0.52	300	1,000	3.0	300
86692	6LOC X50FT	4319-4936	3/8	0.64	250	1,000	3.0	1
70031	6LOCXREEL	4319-0113	3/8	0.64	300	1,000	3.0	300
86693	8LOC X50FT	4319-4937	1/2	0.80	250	1,000	5.0	1
70032	8LOCXREEL	4319-0114	1/2	0.80	300	1,000	5.0	300
70033	10LOCXREEL	4319-0115	5/8	0.90	300	1,000	6.0	250
70034	12LOCXREEL	4319-0116	3/4	1.00	300	1,000	7.0	225

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

LOL Plus Lock-On Hose

Low Pressure

(Black Cover Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Petroleum-base hydraulic oils, water, glycol antifreeze solutions, engine lubricating oils, and air. Lock-On hose and couplings are NOT recommended for pressure surge applications or critical applications, such as permanent piping in residential or commercial buildings. Do not use for gasoline or diesel fuels, unless approved by Gates H/C Product Application.

Tube: Black, oil resistant, synthetic rubber highly resistant to oil and heat (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One fiber braid.

Cover: Oil and abrasion resistant synthetic rubber (Modified Nitrile - Type C2). Available in black Neoprene (LOLA), blue (LOLB), green (LOLG), red (LOLR), yellow (LOLY) and gray (LOLC) colors.

Temperature Range: -40°F to +212°F (-40°C to +100°C). Air to +160°F (+71°C) only. For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Field Attachable LOC Couplings
GLP Couplings (except -3)
GLX Couplings (except -3)
Use clamp over beaded nipple.

Part No.	Description	Product No.							Standard Pack
70650	3LOLAXREEL*	3284-2500	3/16	0.41	300	1,200	3.0	28	300
70651	3LOLBXREEL*	3284-2510	3/16	0.41	300	1,200	3.0	28	300
70655	3LOLCXREEL*	3284-2520	3/16	0.41	300	1,200	3.0	28	300
70652	3LOLGXREEL*	3284-2530	3/16	0.41	300	1,200	3.0	28	300
70653	3LOLRXREEL*	3284-2540	3/16	0.41	300	1,200	3.0	28	300
70654	3LOLYXREEL*	3284-2560	3/16	0.41	300	1,200	3.0	28	300
85961	4LOLA X50FT	3284-2266	1/4	0.47	300	1,200	3.0	28	1
70657	4LOLAXREEL	3284-2501	1/4	0.47	300	1,200	3.0	28	475
85967	4LOLB X25FT	3284-2272	1/4	0.47	300	1,200	3.0	28	1
70658	4LOLBXREEL	3284-2511	1/4	0.47	300	1,200	3.0	28	475
70662	4LOLCXREEL	3284-2521	1/4	0.47	300	1,200	3.0	28	475
85972	4LOLG X25FT	3284-2277	1/4	0.47	300	1,200	3.0	28	1
70659	4LOLGXREEL	3284-2531	1/4	0.47	300	1,200	3.0	28	475
85976	4LOLR X25FT	3284-2281	1/4	0.47	300	1,200	3.0	28	1
70660	4LOLRXREEL	3284-2541	1/4	0.47	300	1,200	3.0	28	475
70661	4LOLYXREEL	3284-2561	1/4	0.47	300	1,200	3.0	28	475
85960	5LOLA X25FT	3284-2297	5/16	0.55	300	1,200	3.0	28	1
85962	5LOLA X50FT	3284-2267	5/16	0.55	300	1,200	3.0	28	1
70664	5LOLAXREEL	3284-2502	5/16	0.55	300	1,200	3.0	28	300
85963	6LOLA X50FT	3284-2268	3/8	0.63	300	1,200	3.0	28	1
70665	6LOLAXREEL	3284-2503	3/8	0.63	300	1,200	3.0	28	300
85968	6LOLB X25FT	3284-2273	3/8	0.63	300	1,200	3.0	28	1
70666	6LOLBXREEL	3284-2513	3/8	0.63	300	1,200	3.0	28	300
70670	6LOLCXREEL	3284-2523	3/8	0.63	300	1,200	3.0	28	300
85973	6LOLG X25FT	3284-2278	3/8	0.63	300	1,200	3.0	28	1
70667	6LOLGXREEL	3284-2533	3/8	0.63	300	1,200	3.0	28	300
85977	6LOLR X25FT	3284-2282	3/8	0.63	300	1,200	3.0	28	1
70668	6LOLRXREEL	3284-2543	3/8	0.63	300	1,200	3.0	28	300
70669	6LOLYXREEL	3284-2563	3/8	0.63	300	1,200	3.0	28	300
85964	8LOLA X50FT	3284-2269	1/2	0.77	300	1,200	5.0	28	1
70672	8LOLAXREEL	3284-2504	1/2	0.77	300	1,200	5.0	28	300
85969	8LOLB X25FT	3284-2274	1/2	0.77	300	1,200	5.0	28	1
70673	8LOLBXREEL	3284-2515	1/2	0.77	300	1,200	5.0	28	300
70677	8LOLCXREEL	3284-2525	1/2	0.77	300	1,200	5.0	28	300
85974	8LOLG X25FT	3284-2279	1/2	0.77	300	1,200	5.0	28	1
70674	8LOLGXREEL	3284-2535	1/2	0.77	300	1,200	5.0	28	300
85978	8LOLR X25FT	3284-2283	1/2	0.77	300	1,200	5.0	28	1
70675	8LOLRXREEL	3284-2545	1/2	0.77	300	1,200	5.0	28	300
70676	8LOLYXREEL	3284-2565	1/2	0.77	300	1,200	5.0	28	300
85965	10LOLA X50FT	3284-2270	5/8	0.94	300	1,200	6.0	28	1
70679	10LOLAXREEL	3284-2505	5/8	0.94	300	1,200	6.0	28	250
85970	10LOLB X25FT	3284-2275	5/8	0.94	300	1,200	6.0	28	1
70680	10LOLBXREEL	3284-2517	5/8	0.94	300	1,200	6.0	28	250
70684	10LOLCXREEL	3284-2527	5/8	0.94	300	1,200	6.0	28	250
70681	10LOLGXREEL*	3284-2537	5/8	0.94	300	1,200	7.0	28	250
70682	10LOLRXREEL*	3284-2547	5/8	0.94	300	1,200	6.0	28	250
70683	10LOLYXREEL*	3284-2567	5/8	0.94	300	1,200	6.0	28	250
85966	12LOLA X50FT	3284-2271	3/4	1.06	300	1,200	7.0	15	1
70686	12LOLAXREEL	3284-2506	3/4	1.06	300	1,200	7.0	15	225

** Couplings for this size are available on special order only.*

LOL Plus Lock-On Hose

(continued)

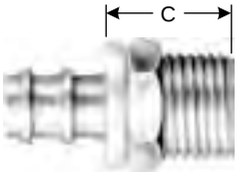
Part No.	Description	Product No.							Standard Pack
85971	12LOLB X25FT	3284-2276	3/4	1.06	300	1,200	7.0	15	1
70687	12LOLBXREEL	3284-2519	3/4	1.06	300	1,200	7.0	15	225
70691	12LOLCXREEL	3284-2529	3/4	1.06	300	1,200	7.0	15	225
85975	12LOLG X25FT	3284-2280	3/4	1.06	300	1,200	7.0	15	1
70688	12LOLGXREEL	3284-2536	3/4	1.06	300	1,200	6.0	15	225
85979	12LOLR X25FT	3284-2284	3/4	1.06	300	1,200	7.0	15	1
70689	12LOLRXREEL	3284-2549	3/4	1.06	300	1,200	7.0	15	225
70690	12LOLYXREEL	3284-2569	3/4	1.06	300	1,200	7.0	15	225

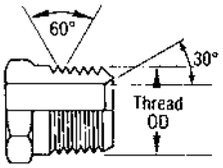
LOL Lock-On Hose is packaged in UPS shippable reels.
The use of clamps with LOC Couplings is not recommended.

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Brass Lock-On Field Attachable Couplings for LOC & LOL Hoses

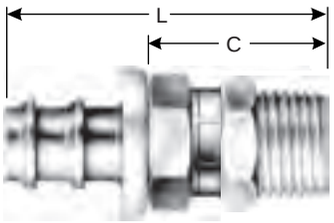
Male Pipe (NPTF - 30° Cone Seat)

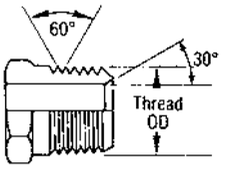




Part No.	Descr.	Prod. No.	⊖			C	
			"	mm		"	mm
STANDARD PACK							
G36100-0402	4LOC-2RMP	7250-04435	1/4	6.4	1/8-27	.56	14.2
G36100-0404	4LOC-4RMP	7250-04445	1/4	6.4	1/4-18	.81	20.6
G36100-0406	4LOC-6RMP	7250-16065	1/4	6.4	3/8-18	.88	22.4
G36100-0502	5LOC-2RMP	7250-04455	5/16	7.9	1/8-27	.81	20.6
G36100-0504	5LOC-4RMP	7250-04465	5/16	7.9	1/4-18	.77	19.6
G36100-0602	6LOC-2RMP	7250-04475	3/8	9.5	1/8-27	.56	14.2
G36100-0604	6LOC-4RMP	7250-04485	3/8	9.5	1/4-18	.81	20.6
G36100-0606	6LOC-6RMP	7250-04495	3/8	9.5	3/8-18	.88	22.4
G36100-0608	6LOC-8RMP	7250-16075	3/8	9.5	1/2-14	.88	22.4
G36100-0804	8LOC-4RMP	7250-16085	1/2	12.7	1/4-18	.81	20.6
G36100-0806	8LOC-6RMP	7250-04505	1/2	12.7	3/8-18	.88	22.4
G36100-0808	8LOC-8RMP	7250-04515	1/2	12.7	1/2-14	.88	22.4
G36100-0812	8LOC-12RMP	7250-16095	1/2	12.7	3/4-14	1.13	28.7
G36100-1006	10LOC-6RMP	7250-16105	5/8	15.8	3/8-18	.88	22.4
G36100-1008	10LOC-8RMP	7250-04525	5/8	15.9	1/2-14	1.06	26.9
G36100-1012	10LOC-12RMP	7250-16115	5/8	15.8	3/4-14	.88	28.7
G36100-1208	12LOC-8RMP	7250-16125	3/4	19.0	1/2-14	.88	22.4
G36100-1212	12LOC-12RMP	7250-04535	3/4	19.0	3/4-14	1.13	28.7

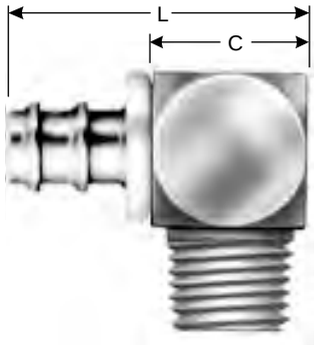
Male Pipe Swivel (NPTF - Without 30° Cone Seat)

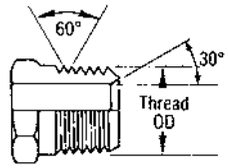




Part No.	Descr.	Prod. No.	⊖			C	
			"	mm		"	mm
STANDARD PACK							
G36105-0404	4LOC-4RMPX	7250-16135	1/4	6.3	1/4-18	1.81	46.0
G36105-0606	6LOC-6RMPX	7250-16145	3/8	9.5	3/8-18	2.00	50.8
G36105-0808	8LOC-8RMPX	7250-16155	1/2	12.7	1/2-14	2.38	60.5
G36105-1212	12LOC-12RMPX	7250-16165	1/4	6.3	3/4-1/4	2.68	68.1

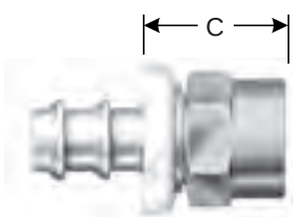
Male Pipe - 90° Block (NPTF - Without 30° Cone Seat)

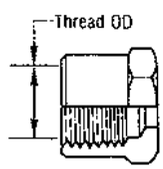




Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		C "	C mm
STANDARD PACK							
G36106-0402	4LOC-2RMP90	7250-16175	1/4	6.3	1/8-27	.31	7.9
G36106-0404	4LOC-4RMP90	7250-16185	1/4	6.3	1/4-18	.38	9.7
G36106-0502	5LOC-2RMP90	7250-04555	5/16	7.9	1/8-27	.31	7.9
G36106-0504	5LOC-4RMP90	7250-04565	5/16	7.9	1/4-18	.38	9.7
G36106-0602	6LOC-2RMP90	7250-04575	3/8	9.5	1/8-27	.38	9.7
G36106-0604	6LOC-4RMP90	7250-04585	3/8	9.5	1/4-18	.40	10.2
G36106-0606	6LOC-6RMP90	7250-16195	3/8	9.5	3/8-18	.43	10.9
G36106-0808	8LOC-8RMP90	7250-16205	1/2	12.7	1/2-14	.50	12.7
G36106-1212	12LOC-12RMP90	7250-16215	3/4	19.0	3/4-14	.76	19.3

Female Pipe (NPTF - 30° Cone Seat)



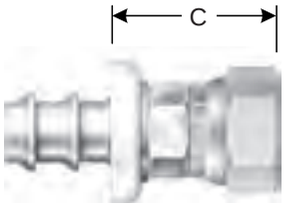


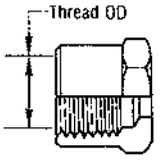
Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		C "	C mm
STANDARD PACK							
G36110-0404	4LOC-4RFP	7250-04595	1/4	6.3	1/4-18	.50	12.7
G36110-0504	5LOC-4RFP	7250-16225	5/16	7.9	1/4-18	.50	12.7
G36110-0606	6LOC-6RFP	7250-04605	3/8	9.5	3/8-18	.63	16.0
G36110-0806	8LOC-6RFP	7250-16235	1/2	12.7	3/8-18	.63	16.0
G36110-0808	8LOC-8RFP	7250-04615	1/2	12.7	1/2-14	.75	19.1
G36110-1008	10LOC-8RFP	7250-16245	5/8	15.8	1/2-14	.75	19.1
G36110-1212	12LOC-12RFP	7250-16255	3/4	19.1	3/4-14	.93	23.6

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Brass Lock-On Field Attachable Couplings for LOC & LOL Hoses

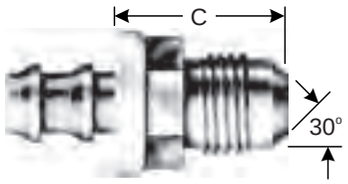
Female Pipe Swivel (NPTF - Without 30° Cone Seat)

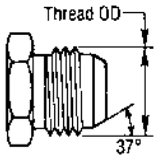




Part No.	Descr.	Prod. No.	⊖			C	
			"	mm		"	mm
STANDARD PACK							
G36111-0402	4LOC-2RFPX	7250-16265	1/4	6.3	1/8-27	1.81	46.0
G36111-0404	4LOC-4RFPX	7250-16275	1/4	6.3	1/4-18	1.81	46.0
G36111-0406	4LOC-6RFPX	7250-16285	1/4	6.3	3/8-18	2.00	50.8
G36111-0604	6LOC-4RFPX	7250-16295	3/8	9.5	1/4-18	1.81	46.0
G36111-0606	6LOC-6RFPX	7250-16305	3/8	9.5	3/8-18	2.00	50.8
G36111-0608	6LOC-8RFPX	7250-16315	3/8	9.5	1/2-14	2.38	60.5
G36111-0808	8LOC-8RFPX	7250-16325	1/2	12.7	1/2-14	2.38	60.5
G36111-1012	10LOC-12RFPX	7250-16345	3/4	19.1	3/4-14	2.68	68.1
G36111-1212	12LOC-12RFPX	7250-16355	3/4	19.1	3/4-14	2.68	68.1

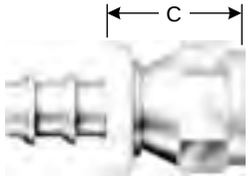
Male JIC 37° Flare

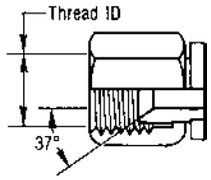




Part No.	Descr.	Prod. No.	⊖			C	
			"	mm		"	mm
STANDARD PACK							
G36165-0404	4LOC-4RMJ	7250-16365	1/4	6.3	7/16-20	.81	20.6
G36165-0405	4LOC-5RMJ	7250-16375	1/4	6.3	1/2-20	.94	23.9
G36165-0406	4LOC-6RMJ	7250-16385	1/4	6.3	9/16-18	1.00	25.4
G36165-0604	6LOC-4RMJ	7250-16395	3/8	9.5	7/16-20	.88	22.4
G36165-0605	6LOC-5RMJ	7250-16405	3/8	9.5	1/2-20	.94	23.9
G36165-0606	6LOC-6RMJ	7250-16415	3/8	9.5	9/16-18	1.00	25.4
G36165-0608	6LOC-8RMJ	7250-16425	3/8	9.5	3/4-16	1.19	30.2
G36165-0808	8LOC-8RMJ	7250-16435	1/2	12.7	3/4-16	1.19	30.2
G36165-0810	8LOC-10RMJ	7250-16445	1/2	12.7	7/8-14	1.27	32.3
G36165-1008	10LOC-8RMJ	7250-16455	5/8	15.8	3/4-16	1.19	30.2
G36165-1010	10LOC-10RMJ	7250-16465	5/8	15.8	7/8-14	1.27	32.3
G36165-1210	12LOC-10RMJ	7250-16475	3/4	19.1	7/8-14	1.27	32.3
G36165-1212	12LOC-12RMJ	7250-16485	3/4	19.1	1 1/16-12	1.33	33.8

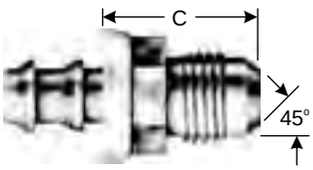
Female JIC 37° Flare Swivel

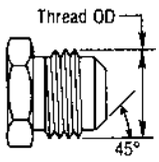




Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		C "	C mm
STANDARD PACK							
G36170-0406	4LOC-6RFJX	7250-16495	1/4	6.3	3/8-18	.74	18.8
G36170-0606	6LOC-6RFJX	7250-04625	3/8	9.5	9/16-18	.81	20.6
G36170-1212	12LOC-12RFJX	7250-04635	3/4	19.0	1 1/16-12	1.09	27.7

Male SAE 45° Flare



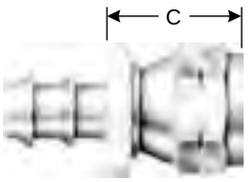


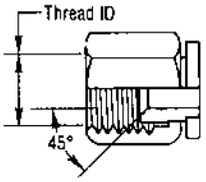
Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		C "	C mm
STANDARD PACK							
G36195-0404	4LOC-4RMS	7250-04645	1/4	6.4	7/16-20	.69	17.5
G36195-0405	4LOC-5RMS	7250-04655	1/4	6.4	1/2-20	.38	9.7
G36195-0406	4LOC-6RMS	7250-04665	1/4	6.3	5/8-18	.88	22.4
G36195-0505	5LOC-5RMS	7250-04675	5/16	—	1/2-20	—	—
G36195-0604	6LOC-4RMS	7250-16505	3/8	9.5	7/16-20	.69	17.5
G36195-0605	6LOC-5RMS	7250-16515	3/8	9.5	1/2-20	.81	20.6
G36195-0606	6LOC-6RMS	7250-04685	3/8	9.5	5/8-18	.88	22.4
G36195-0608	6LOC-8RMS	7250-16525	3/8	9.5	3/4-16	1.31	28.7
G36195-0808	8LOC-8RMS	7250-18285	1/2	12.7	3/4-16	1.13	28.7
G36195-0810	8LOC-10RMS	7250-16535	1/2	12.7	7/8-14	1.27	32.3
G36195-1008	10LOC-8RMS	7250-16545	5/8	15.8	3/4-16	1.13	28.7
G36195-1010	10LOC-10RMS	7250-16555	5/8	15.8	7/8-14	1.27	32.3
G36195-1210	12LOC-10RMS	7250-16565	3/4	19.1	7/8-14	1.27	32.3
G36195-1212	12LOC-12RMS	7250-16575	3/4	19.1	1 1/16-14	1.83	33.8

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Brass Lock-On Field Attachable Couplings for LOC & LOL Hoses

Female SAE 45° Flare Swivel

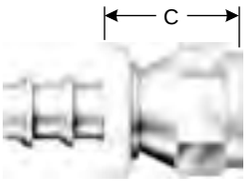




Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		C "	C mm
STANDARD PACK							
G36200-0406	4LOC-6RFSX	7250-16585	1/4	6.3	5/8-18	.69	17.5
G36200-0506	5LOC-6RFSX*	7250-18295	5/16	7.9	5/8-18	.81	20.6
G36200-0606	6LOC-6RFSX	7250-04695	3/8	9.5	5/8-18	.84	21.3
G36200-0806	8LOC-6RFSX	7250-16595	1/2	12.7	5/8-18	.84	21.3
G36200-1010	10LOC-10RFSX	7207-86525	5/8	15.8	7/8-18	1.00	25.4
G36200-1212	12LOC-12RFSX	7250-04705	3/4	19.0	1 1/16-14	1.09	27.7

** Steel*

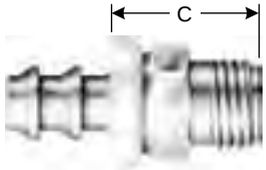
Dual Seat Female JIC 37°/SAE 45° Flare Swivel

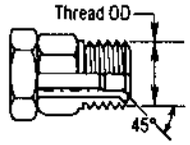


Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		C "	C mm
STANDARD PACK							
G36210-0404	4LOC-4RFJSX	7250-04715	1/4	6.4	7/16-20	.75	19.1
G36210-0405	4LOC-5RFJSX	7250-04725	1/4	6.4	1/2-20	.78	19.8
G36210-0505	5LOC-5RFJSX*	7250-04735	5/16	7.9	1/2-20	.81	20.6
G36210-0605	6LOC-5RFJSX	7250-04745	3/8	9.5	1/2-20	.81	20.6
G36210-0608	6LOC-8RFJSX	7250-18305	3/8	9.5	3/4-16	.97	24.6
G36210-0808	8LOC-8RFJSX	7250-04755	1/2	12.7	3/4-16	.97	24.6
G36210-0810	8LOC-10RFJSX	7250-18315	1/2	12.7	7/8-14	1.00	25.4
G36210-1010	10LOC-10RFJSX	7250-04765	5/8	15.9	7/8-14	1.00	25.4
G36210-1210	12LOC-10RFJSX	7250-04775	3/4	19.1	7/8-14	1.00	25.4

** Steel*

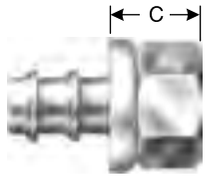
Male SAE Inverted Swivel

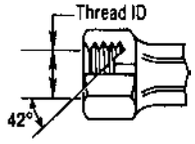




Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		C "	C mm
STANDARD PACK							
G36500-0403	4LOC-3RMIX	7250-04785	1/4	6.4	3/8-24	.78	19.8
G36500-0404	4LOC-4RMIX	7250-04795	1/4	6.4	7/16-24	.78	19.8
G36500-0405	4LOC-5RMIX	7250-04805	1/4	6.4	1/2-20	.78	19.8
G36500-0504	5LOC-4RMIX	7250-04815	5/16	7.9	7/16-24	.78	19.8
G36500-0505	5LOC-5RMIX	7250-04825	5/16	7.9	1/2-20	.82	20.8
G36500-0506	5LOC-6RMIX	7250-04835	5/16	7.9	5/8-18	.86	21.8
G36500-0605	6LOC-5RMIX	7250-04845	3/8	9.5	1/2-20	.82	20.8
G36500-0606	6LOC-6RMIX	7250-04855	3/8	9.5	5/8-18	.97	24.6
G36500-0608	6LOC-8RMIX	7250-16605	3/8	9.5	3/4-18	1.00	25.4
G36500-0806	8LOC-6RMIX	7250-16615	1/2	12.7	5/8-18	.97	24.6
G36500-0808	8LOC-8RMIX	7250-04865	1/2	12.7	3/4-18	1.00	25.4
G36500-1010	10LOC-10RMIX	7250-18325	5/8	15.9	7/8-18	1.00	25.4

Female Inverted



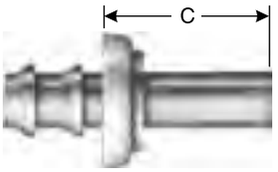


Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		C "	C mm
STANDARD PACK							
G36508-0403	4LOC-3RFI	7250-04875	1/4	6.4	3/8-24	.75	19.1
G36508-0404	4LOC-4RFI	7250-04885	1/4	6.4	7/16-24	.75	19.1
G36508-0405	4LOC-5RFI	7250-04895	1/4	6.4	1/2-20	.75	19.1
G36508-0505	5LOC-5RFI	7250-04905	5/16	7.9	1/2-20	.75	19.1
G36508-0605	6LOC-5FRI	7250-04915	3/8	7.9	1/2-20	.75	19.1
G36508-0606	6LOC-6RFI	7250-04925	3/8	9.5	5/8-18	.88	22.4
G36508-0808	8LOC-8RFI	7250-04935	1/2	9.5	3/4-18	.93	23.6

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Flareless Tube Fitting (Compression Type)



Part No.	Descr.	Prod. No.	⊖		⊙		C	
			"	mm	"	mm	"	mm
STANDARD PACK								
G36520-0403	4LOC-3RFT	7250-04945	1/4	6.4	3/16	4.8	.75	19.1
G36520-0404	4LOC-4RFT	7250-04955	1/4	6.4	1/4	6.4	1.00	25.4
G36520-0405	4LOC-5RFT	7250-04965	1/4	6.3	5/16	7.9	1.13	28.7
G36520-0505	5LOC-5RFT	7250-04975	5/16	7.9	5/16	7.9	1.13	28.7
G36520-0606	6LOC-6RSP	7250-04985	3/8	9.5	3/8	9.5	1.25	31.8
G36520-0808	8LOC-8RSP	7250-16625	1/2	12.7	1/2	12.7	1.00	25.4
G36520-1010	10LOC-10RSP	7250-16635	5/8	15.9	5/8	15.9	1.00	25.4

Hose Mender

Part No.	Descr.	Prod. No.	⊖	
			"	mm
STANDARD PACK				
G36535-0404	4LOC-4RHM	7250-04995	1/4	6.4
G36535-0505	5LOC-5RHM	7250-05005	5/16	7.9
G36535-0606	6LOC-6RHM	7250-05015	3/8	9.5
G36535-0808	8LOC-8RHM	7250-05025	1/2	12.7
G36535-1010	10LOC-10RHM	7250-18335	5/8	15.9
G36535-1212	12LOC-12RHM	7250-18345	3/4	19.0

Male Pipe (NPTF - 30° Cone Seat)

Part No.	Descr.	Prod. No.	⊖			L	
			"	mm		"	mm
STANDARD PACK							
G37100-0302	3SB-2RMP	7250-05035	3/16	4.8	1/8-27	1.26	32.0
G37100-0402	4SB-2RMP	7250-05045	1/4	6.4	1/8-27	1.32	33.5
G37100-0404	4SB-4RMP	7250-05055	1/4	6.4	1/4-18	1.63	41.4
G37100-0502	5SB-2RMP	7250-05065	5/16	7.9	1/8-27	1.55	39.4
G37100-0504	5SB-4RMP	7250-05075	5/16	7.9	1/4-18	1.55	39.4
G37100-0602	6SB-2RMP	7250-05085	3/8	9.5	1/8-27	1.55	39.4
G37100-0604	6SB-4RMP	7250-05095	3/8	9.5	1/4-18	1.63	41.4
G37100-0606	6SB-6RMP	7250-05105	3/8	9.5	3/8-18	1.72	43.7
G37100-0806	8SB-6RMP	7250-05115	1/2	12.7	3/8-18	1.72	43.7
G37100-0808	8SB-8RMP	7250-05125	1/2	12.7	1/2-14	1.79	45.5
G37100-1006	10SB-6RMP	7250-05135	5/8	15.8	3/8-18	1.78	45.2
G37100-1008	10SB-8RMP	7250-05145	5/8	15.8	1/2-14	1.78	45.2
G37100-1012	10SB-12RMP	7250-16645	5/8	15.8	3/4-14	1.92	48.8
G37100-1208	12SB-8RMP	7250-05155	3/4	19.1	1/2-14	1.78	45.2
G37100-1212	12SB-12RMP	7250-16655	3/4	19.1	3/4-14	1.92	48.8

Male Straight Thread Connector

Part No.	Descr.	Prod. No.	⊖	
			"	
STANDARD PACK				
G37103-0609	6SB-9MSC	7250-05165	3/8	9/16-24
G37103-0610	6SB-10MSC	7250-05175	3/8	5/8-20
G37103-0614	6SB-14MSC	7250-05185	3/8	7/8-20

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
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BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
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POWER STEERING
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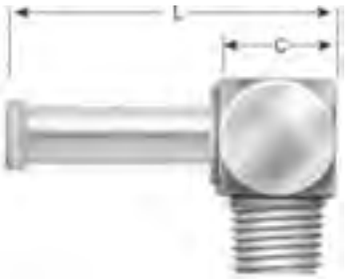
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Pipe - 90° Block (NPTF - Without 30° Cone Seat)



Part No.	Descr.	Prod. No.	⊖			L	
			"	mm		"	mm
STANDARD PACK							
G37106-0402	4SB-2RMP90	7250-05195	1/4	6.3	1/8-27	1.00	25.4
G37106-0404	4SB-4RMP90	7250-18355	1/4	6.3	1/4-18	1.00	25.4
G37106-0502	5SB-2RMP90	7250-05205	5/16	7.9	1/8-27	1.01	25.7
G37106-0504	5SB-4RMP90	7250-05215	5/16	7.9	1/4-18	1.01	25.7
G37106-0602	6SB-2RMP90	7250-05225	3/8	9.5	1/8-27	1.01	25.7
G37106-0604	6SB-4RMP90	7250-05235	3/8	9.5	1/4-18	1.04	26.4
G37106-0606	6SB-6RMP90	7250-05245	3/8	9.5	3/8-18	1.08	27.4
G37106-0806	8SB-6RMP90	7250-16665	1/2	12.7	3/8-18	1.08	27.4
G37106-0808	8SB-8RMP90	7250-16675	1/2	12.7	1/2-14	1.16	29.5
G37106-1006	10SB-6RMP90	7250-05255	5/8	15.8	3/8-18	1.13	28.7
G37106-1008	10SB-8RMP90	7250-16685	5/8	15.8	1/2-14	1.21	30.7
G37106-1208	12SB-8RMP90	7250-16695	3/4	19.1	1/2-14	1.28	32.5

Male SAE 45° Flare Connector

Part No.	Descr.	Prod. No.	⊖			L	
			"	mm		"	mm
STANDARD PACK							
G37195-0605	6SB-5RMS	7250-05265	3/8	9.5	1/2-20	2.00	50.8
G37195-0606	6SB-6RMS	7250-16705	3/8	9.5	3/8-18	2.00	50.8

Male SAE Inverted Swivel

Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		L "	L mm
STANDARD PACK							
G37500-0404	4SB-4RMIX	7250-16715	1/4	6.4	7/16-24	1.72	43.7
G37500-0405	4SB-5RMIX	7250-16725	1/4	6.4	1/2-20	1.78	45.2
G37500-0504	5SB-4RMIX	7250-05275	5/16	7.9	7/16-24	1.58	40.1
G37500-0505	5SB-5RMIX	7250-05285	5/16	7.9	1/2-20	1.58	40.1
G37500-0506	5SB-6RMIX	7250-05295	5/16	7.9	5/8-18	1.63	41.4
G37500-0605	6SB-5RMIX	7250-05305	3/8	9.5	1/2-20	1.73	43.9
G37500-0606	6SB-6RMIX	7250-05315	3/8	9.5	5/8-18	2.00	50.8

Male SAE Inverted Swivel - 45°

Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		L "	L mm
STANDARD PACK							
G37503-0605	6SB-5RMIX90	7250-05325	3/8	9.5	1/2-20	1.25	31.7

Male SAE Inverted Swivel - 90°

Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		L "	L mm
STANDARD PACK							
G37504-0404	4SB-4RMIX90	7250-05345	1/4	6.4	7/16-24	1.01	25.7
G37504-0405	4SB-5RMIX90	7250-05355	1/4	6.4	1/2-20	1.01	25.7
G37504-0506	5SB-6RMIX90	7250-05365	5/16	7.9	5/8-18	1.21	30.7
G37504-0605	6SB-5RMIX90	7250-05375	3/8	9.5	1/2-20	1.21	30.7
G37504-0606	6SB-6RMIX90	7250-05385	3/8	9.5	5/8-18	1.40	35.6

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
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BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
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POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
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QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female SAE Inverted

Part No.	Descr.	Prod. No.	⊖			L	
			"	mm		"	mm
STANDARD PACK							
G37508-0505	5SB-5RFI	7250-16735	5/16	7.9	1/2-20	2.03	51.6
G37508-0605	6SB-5RFI	7250-16745	3/8	9.5	1/2-20	2.09	53.1
G37508-0606	6SB-6RFI	7250-16755	3/8	9.5	5/8-18	2.16	54.9

Male Pipe NPTF

Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G38100-0202	2BS-2MP	7250-05395	1/8	1/8-27
G38100-0302	3BS-2MP	7250-05405	3/16	1/8-27
G38100-0304	3BS-4MP	7250-05415	3/16	1/4-18
G38100-0402	4BS-2MP	7250-05425	1/4	1/8-27
G38100-0404	4BS-4MP	7250-05435	1/4	1/4-18
G38100-0406	4BS-6MP	7250-05445	1/4	3/8-18
G38100-0502	5BS-2MP	7250-05455	5/16	1/8-27
G38100-0504	5BS-4MP	7250-05465	5/16	1/4-18
G38100-0602	6BS-2MP	7250-05475	3/8	1/8-27
G38100-0604	6BS-4MP	7250-05485	3/8	1/4-18
G38100-0606	6BS-6MP	7250-05495	3/8	3/8-18
G38100-0608	6BS-8MP	7250-05505	3/8	1/2-14
G38100-0804	8BS-4MP	7250-05515	1/2	1/4-18
G38100-0806	8BS-6MP	7250-05525	1/2	3/8-18
G38100-0808	8BS-8MP	7250-05535	1/2	1/2-14
G38100-0812	8BS-12MP	7250-05545	1/2	3/4-14
G38100-1006	10SB-6MP	7250-05555	5/8	3/8-18
G38100-1008	10SB-8MP	7250-05565	5/8	1/2-14
G38100-1012	10SB-12MP	7250-05575	5/8	3/4-14
G38100-1208	12SB-8MP	7250-05585	3/4	1/2-14
G38100-1212	12SB-12MP	7250-05595	3/4	3/4-14

Female Pipe

Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G38110-0202	2SB-2FP	7250-05605	1/8	1/8-27
G38110-0302	3SB-2FP	7250-05615	3/16	1/8-27
G38110-0402	4SB-2FP	7250-05625	1/4	1/8-27
G38110-0404	4SB-4FP	7250-05635	1/4	1/4-18
G38110-0502	5SB-2FP	7250-05645	5/16	1/8-27

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
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FIELD ATTACHABLE C5 COUPLINGS
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GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Pipe - Cont'd

Part No.	Descr.	Prod. No.	⊖ "	
G38110-0504	5SB-4FP	7250-05655	5/16	1/4-18
G38110-0602	6SB-2FP	7250-05665	3/8	1/8-27
G38110-0604	6SB-4FP	7250-05675	3/8	1/4-18
G38110-0606	6SB-6FP	7250-05685	3/8	3/8-18
G38110-0804	8SB-4FP	7250-05695	1/2	1/4-18
G38110-0806	8SB-6FP	7250-05705	1/2	3/8-18
G38110-0808	8SB-8FP	7250-05715	1/2	1/2-14

C14 Teflon® Hose—SAE 100R14 Type A—Nonconductive

Recommended For: Air compressor discharge, hot oil and fluids, hot and greasy environments.

Cover/Reinforcement: One braid of 300 Series stainless steel wire.

Temperature Range: Dynamic: -65°F to +400°F (-54°C to +204°C).
Static: -65°F to +450°F (-54°C to +232°C).

C14 Tube: Type A-Nonconductive white, smooth bore Polytetrafluoroethylene (PTFE). See Hose Stock Characteristics.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
C14 Couplings

Part No.	Description	Product No.						72°F (22°C)	72°F (22°C)	450°F (232°C)	450°F (232°C)	Standard Pack
85700	4C14 X25FT	7752-0425	3/16	0.31	1,500	10,000	2.0	3,000	12,000	1,500	6,000	1
70804	4C14XCTN	7752-0400	3/16	0.31	1,500	10,000	2.0	3,000	12,000	1,500	6,000	400
85701	5C14 X25FT	7752-0525	1/4	0.38	1,500	9,000	3.0	3,000	12,000	1,500	6,000	1
70805	5C14XCTN	7752-0500	1/4	0.38	1,500	9,000	3.0	3,000	12,000	1,500	6,000	350
85702	6C14 X25FT	7752-0625	5/16	0.45	1,500	8,000	4.0	2,500	10,000	1,500	6,000	1
70806	6C14XCTN	7752-0600	5/16	0.45	1,500	8,000	4.0	2,500	10,000	1,500	6,000	300
85703	8C14 X25FT	7752-0825	13/32	0.55	1,000	6,000	5.3	2,000	8,000	1,000	4,000	1
70808	8C14XCTN	7752-0800	13/32	0.55	1,000	6,000	5.3	2,000	8,000	1,000	4,000	250
85704	10C14 X25FT	7752-1025	1/2	0.65	800	6,000	6.5	1,500	6,000	800	3,200	1
70810	10C14XCTN	7752-1000	1/2	0.65	800	6,000	6.5	1,500	6,000	800	3,200	200
85705	12C14 X25FT	7752-1225	5/8	0.79	800	5,000	7.8	1,200	4,800	800	2,600	1
70812	12C14XCTN	7752-1200	5/8	0.79	800	5,000	7.8	1,200	4,800	800	2,600	150
85706	16C14 X25FT	7752-1625	7/8	1.03	800	3,500	9.0	1,000	4,000	800	2,200	1
70816	16C14XCTN	7752-1600	7/8	1.03	800	3,500	9.0	1,000	4,000	800	2,200	100

Electrostatic Discharge: Many applications involving PTFE hose do not require a conductive tube. But you must review the potential for electrostatic discharge for every application and be aware that static electricity can be hazardous. In those cases where electrostatic discharge can occur, conductive PTFE hose with a conductive tube (Gates C14CT) is recommended. For more information on electrostatic discharge, refer to Technical Data Section.

† *Teflon® is a Registered Trademark of DuPont.

C14CT Teflon® Hose—SAE 100R14 Type B—Conductive

Recommended For: Air compressor discharge, hot oil and fluids, hot and greasy environments.

Cover/Reinforcement: One braid of 300 Series stainless steel wire.

Temperature Range: Dynamic: -65°F to +400°F (-54°C to +204°C).
Static: -65°F to +450°F (-54°C to +232°C).

C14CT Tube: Type B-Conductive black/white smooth bore PTFE. See Hose Stock Characteristics.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
C14 Couplings

Part No.	Description	Product No.						72°F (22°C)	72°F (22°C)	450°F (232°C)	450°F (232°C)	Standard Pack
85730	6C14CT X25FT	7752-3625	5/16	0.45	1,500	8,000	4.0	2,500	10,000	1,500	6,000	1
70906	6C14CTXCTN*	7752-3600	5/16	0.45	1,500	8,000	4.0	2,500	10,000	1,500	6,000	300
85731	8C14CT X25FT	7752-3825	13/32	0.55	1,000	6,000	5.3	2,000	8,000	1,000	4,000	1
70908	8C14CTXCTN*	7752-3800	13/32	0.55	1,000	6,000	5.3	2,000	8,000	1,000	4,000	250

** Type B-Conductive Tube.*
Electrostatic Discharge: Many applications involving PTFE hose do not require a conductive tube. But you must review the potential for electrostatic discharge for every application and be aware that static electricity can be hazardous. In those cases where electrostatic discharge can occur, conductive PTFE hose with a conductive tube (Gates C14CT) is recommended. For more information on electrostatic discharge, refer to Technical Data Section.

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EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
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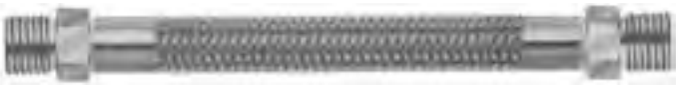
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

C14 Assembly with Two Female Dual Seat JIC 37°/SAE 45° Flare Swivel (FJSX) Couplings

Part No.	Descr.	Prod. No.	⊖		L	
			"	mm	"	mm
STANDARD PACK						
G89170-1018	10C14-10FJSX-10FJSX-18	4479-0002	1/2	12.7	18.00	457.2
G89170-1024	10C14-10FJSX-10FJSX-24	4479-0003	1/2	12.7	24.00	609.6
G89170-1030	10C14-10FJSX-10FJSX-30	4479-0004	1/2	12.7	30.00	762.0
G89170-1036	10C14-10FJSX-10FJSX-36	4479-0005	1/2	12.7	36.00	914.4
G89170-1042	10C14-10FJSX-10FJSX-42	4479-0006	1/2	12.7	42.00	1066.8
G89170-1048	10C14-10FJSX-10FJSX-48	4479-0007	1/2	12.7	48.00	1219.2
G89170-1054	10C14-10FJSX-10FJSX-54	4479-0008	1/2	12.7	54.00	1371.6
G89170-1072	10C14-10FJSX-10FJSX-72	4479-0009	1/2	12.7	72.00	1828.8
G89170-1084	10C14-10FJSX-10FJSX-84	4479-0010	1/2	12.7	84.00	2133.6

C14 Assembly with Two Air Brake Compression (ABC) Couplings

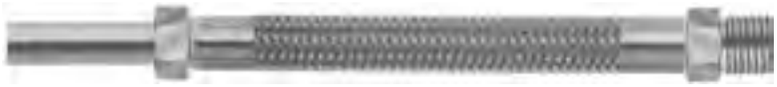


Part No.	Descr.	Prod. No.	⊖		L	
			"	mm	"	mm
STANDARD PACK						
G89460-1018	10C14-10ABC-10ABC-18	4479-0011	1/2	12.7	18.00	457.2
G89460-1024	10C14-10ABC-10ABC-24	4479-0012	1/2	12.7	24.00	609.6

C14 Assembly with Two Straight Tube Assembly (STA) Couplings

Part No.	Descr.	Prod. No.	⊖		L	
			"	mm	"	mm
STANDARD PACK						
G89461-1018	10C14-10STA-10STA-18	4479-0013	1/2	12.7	18.00	457.2
G89461-1024	10C14-10STA-10STA-24	4479-0014	1/2	12.7	24.00	609.6
G89461-1036	10C14-10STA-10STA-36	4479-0015	1/2	12.7	36.00	914.4
G89461-1224	12C14-12STA-12STA-24	4479-0020	5/8	12.7	24.00	609.6
G89461-1236	12C14-12STA-12STA-36	4479-0021	5/8	12.7	36.00	914.4

C14 One Straight Tube Assembly (STA) and One Air Brake Compression (ABC) Couplings

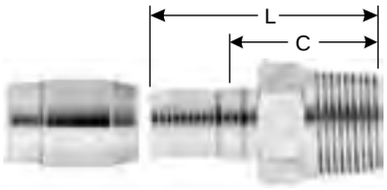


Part No.	Descr.	Prod. No.	⊖		L	
			"	mm	"	mm
STANDARD PACK						
G89462-1018	10C14-10STA-10ABC-18	4479-0016	1/2	12.7	18.00	457.2
G89462-1024	10C14-10STA-10ABC-24	4479-0017	1/2	12.7	24.00	609.6
G89462-1036	10C14-10STA-10ABC-36	4479-0018	1/2	12.7	36.00	914.4
G89462-1048	10C14-10STA-10ABC-48	4479-0019	1/2	12.7	48.00	1219.2
G89462-1224	12C14-12STA-12ABC-24	4479-0022	5/8	12.7	24.00	609.6
G89462-1236	12C14-12STA-12ABC-36	4479-0023	5/8	12.7	36.00	914.4
G89462-1248	12C14-12STA-12ABC-48	4479-0024	5/8	15.9	48.00	1219.2

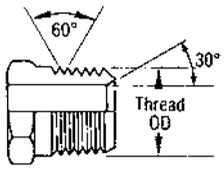
Power Trim Assemblies

Part No.	Descr.	Prod. No.	⊖			L			
			"	mm		"	mm		
STANDARD PACK									
G89502-0414	PTA-45	7752-00455	3/16	4.8	3/8-24	14.50	368.3	10000	2500
G89504-0414	PTA-90	7752-00905	3/16	4.8	3/8-24	14.50	368.3	10000	2500

Male Pipe (NPTF - 30° Cone Seat)



H1



Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G40100-0402B	4C14-2MP-B	7753-10085	3/16	4.8	1/8-27	7/16	—	1.26	32.0	.81	20.6
G40100-0402S	4C14-2MP-SS	7753-00085	3/16	4.8	1/8-27	7/16	—	1.26	32.0	.81	20.6
G40100-0404B	4C14-4MP-B	7753-10015	3/16	4.8	1/4-18	9/16	—	1.47	37.3	1.02	25.9
G40100-0404S	4C14-4MP-SS	7753-00015	3/16	4.8	1/4-18	9/16	—	1.47	37.3	1.02	25.9
G40100-0504B	5C14-4MP-B	7753-10025	1/4	6.3	1/4-18	9/16	—	1.47	37.3	1.02	25.9
G40100-0504S	5C14-4MP-SS	7753-00025	1/4	6.3	1/4-18	9/16	—	1.47	37.3	1.02	25.9
G40100-0604B	6C14-4MP-B	7753-10095	5/16	7.9	1/4-18	9/16	—	1.60	40.6	1.05	26.7

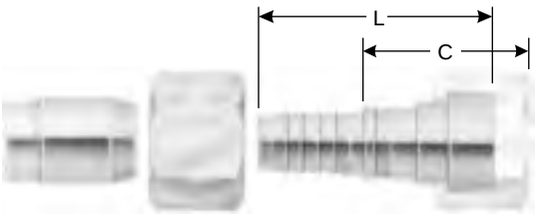
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Pipe (NPTF - 30° Cone Seat) - Cont'd

Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
G40100-0604S	6C14-4MP-SS	7753-00095	5/16	7.9	1/4-18	9/16	—	1.60	40.6	1.05	26.7
G40100-0606B	6C14-6MP-B	7753-10035	5/16	7.9	3/8-18	11/16	—	1.63	41.4	1.08	27.4
G40100-0606S	6C14-6MP-SS	7753-00035	5/16	7.9	3/8-18	11/16	—	1.63	41.4	1.08	27.4
G40100-0806B	8C14-6MP-B	7753-10105	13/32	10.3	3/8-18	11/16	—	1.68	42.7	1.07	27.2
G40100-0806S	8C14-6MP-SS	7753-00105	13/32	10.3	3/8-18	11/16	—	1.68	42.7	1.07	27.2
G40100-0808B	8C14-8MP-B	7753-10045	13/32	10.3	1/2-14	7/8	—	1.93	49.0	1.32	33.5
G40100-0808S	8C14-8MP-SS	7753-00045	13/32	10.3	1/2-14	7/8	—	1.93	49.0	1.32	33.5
G40100-1008B	10C14-8MP-B	7753-10055	1/2	12.7	1/2-14	7/8	—	2.05	52.1	1.35	34.3
G40100-1008S	10C14-8MP-SS	7753-00055	1/2	12.7	1/2-14	7/8	—	2.05	52.1	1.35	34.3
G40100-1212B	12C14-12MP-B	7753-10065	5/8	15.9	3/4-14	1 1/16	—	2.21	56.1	1.44	36.6
G40100-1212S	12C14-12MP-SS	7753-00065	5/8	15.9	3/4-14	1 1/16	—	2.21	56.1	1.44	36.6
G40100-1616B	16C14-16MP-B	7753-10075	7/8	22.2	1-11 1/2	1 3/8	—	2.56	65.0	1.65	41.9
G40100-1616S	16C14-16MP-SS	7753-00075	7/8	22.2	1-11 1/2	1 3/8	—	2.56	65.0	1.65	41.9

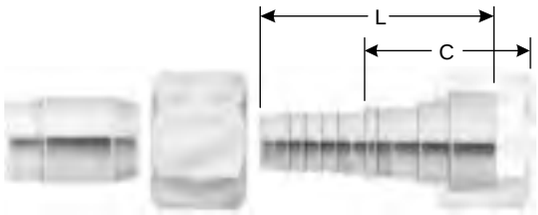
Dual Seat Female JIC 37°/SAE 45° Flare Swivel

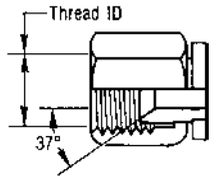


H2

Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G40170-0404B	4C14-4FJSX-B	7753-10125	3/16	4.8	7/16-20	—	9/16	.95	24.1	.79	20.1
G40170-0404S	4C14-4FJSX-SS	7753-00125	3/16	4.8	7/16-20	—	9/16	.95	24.1	.87	22.1
G40170-0505B	5C14-5FJSX-B	7753-10135	1/4	6.4	1/2-20	—	11/16	1.01	25.6	.94	23.9
G40170-0505S	5C14-5FJSX-SS	7753-00135	1/4	6.4	1/2-20	—	11/16	1.01	25.6	.94	23.9
G40170-0808B	8C14-8FJSX-B	7753-10155	13/32	10.3	3/4-16	—	7/8	1.30	33.0	1.13	28.7
G40170-0808S	8C14-8FJSX-SS	7753-00155	13/32	10.3	3/4-16	—	7/8	1.30	33.0	1.13	28.7
G40170-1010B	10C14-10FJSX-B	7753-10165	1/2	12.7	7/8-14	—	1 1/16	1.47	37.3	1.29	32.8
G40170-1010S	10C14-10FJSX-SS	7753-00165	1/2	12.7	7/8-14	—	1 1/16	1.47	37.3	1.29	32.8
G40170-1616B	16C14-16FJSX-B	7753-10185	7/8	22.2	1 5/16-12	—	1 1/2	1.75	44.5	1.46	37.1
G40170-1616S	16C14-16FJSX-SS	7753-00185	7/8	22.2	1 5/16-12	—	1 1/2	1.75	44.5	1.46	37.1

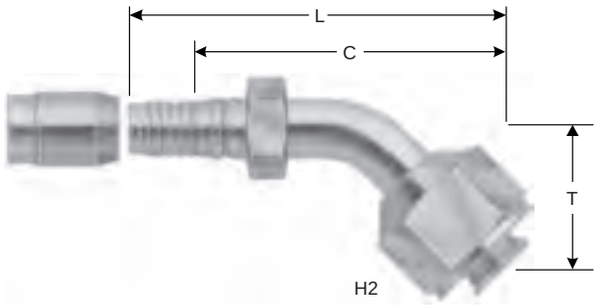
Female JIC 37° Flare Swivel

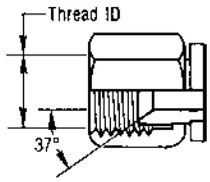




Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G40170-0606B	6C14-6FJX-B	7753-10145	5/16	7.9	9/16-18	—	3/4	1.19	30.2	1.01	25.6
G40170-0606S	6C14-6FJX-SS	7753-00145	5/16	7.9	9/16-18	—	3/4	1.19	30.2	1.01	25.6
G40170-1212B	12C14-12FJX-B	7753-10175	5/8	15.9	1 1/16-12	—	1 1/4	1.56	39.6	1.36	34.5
G40170-1212S	12C14-12FJX-SS	7753-00175	5/8	15.9	1 1/16-12	—	1 1/4	1.56	39.6	1.36	34.5

Female JIC 37° Flare Swivel - 45° Bent Tube



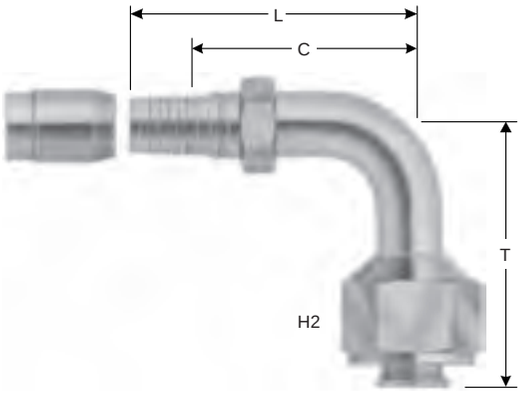


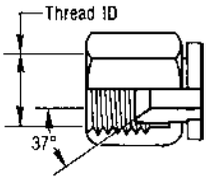
Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	T "	T mm	L "	L mm	C "	C mm
STANDARD PACK													
G40175-0404	4C14-4FJX45	7753-20495	3/16	4.8	7/16-20	—	9/16	.41	10.4	1.69	42.9	1.25	31.8
G40175-0505	5C14-5FJX45	7753-20505	1/4	6.3	1/2-20	—	5/8	.49	12.4	1.85	47.0	1.44	36.6
G40175-0606	6C14-6FJX45	7753-20515	5/16	7.9	9/16-18	—	11/16	.55	14.0	2.13	54.1	1.62	41.1
G40175-0808	8C14-8FJX45	7753-20525	13/32	10.3	3/4-16	—	7/8	.63	16.0	2.44	62.0	1.88	47.8
G40175-1010	10C14-10FJX45	7753-20535	1/2	12.7	7/8-14	—	1	.75	19.1	2.78	70.6	2.08	52.8
G40175-1212	12C14-12FJX45	7753-20545	5/8	15.9	1 1/16-12	—	1 1/4	.90	22.9	3.92	99.6	3.15	80.0
G40175-1616	16C14-16FJX45	7753-20555	7/8	22.2	1 5/16-12	—	1 1/2	1.13	28.7	4.77	121.2	3.86	98.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

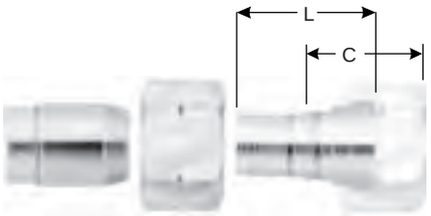
Female JIC 37° Flare Swivel - 90° Bent Tube

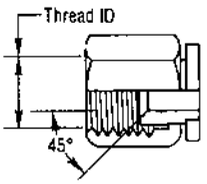




Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	T "	T mm	L "	L mm	C "	C mm
STANDARD PACK													
G40179-0404	4C14-4FJX90	7753-20565	3/16	4.8	7/16-20	—	9/16	.71	18.0	1.42	36.1	1.00	25.4
G40179-0505	5C14-5FJX90	7753-20575	1/4	6.3	1/2-20	—	5/8	.88	22.4	1.55	39.4	1.06	26.9
G40179-0606	6C14-6FJX90	7753-20585	5/16	7.9	9/16-18	—	11/16	1.00	25.4	1.80	45.7	1.25	31.8
G40179-0808	8C14-8FJX90	7753-20595	13/32	10.3	3/4-16	—	7/8	1.18	30.0	2.10	53.3	1.50	38.1
G40179-1010	10C14-10FJX90	7753-20605	1/2	12.7	7/8-14	—	1	1.50	38.1	2.47	62.7	1.81	46.0
G40179-1212	12C14-12FJX90	7753-20615	5/8	15.9	1 1/16-12	—	1 1/4	2.00	50.8	3.88	98.5	3.11	79.0
G40179-1616	16C14-16FJX90	7753-20625	7/8	22.2	1 5/16-12	—	1 1/2	2.48	63.0	4.64	117.8	3.73	94.7

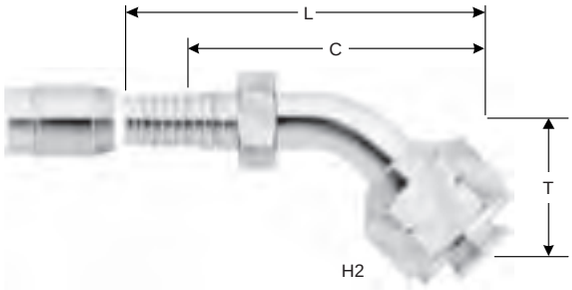
Female SAE 45° Flare Swivel

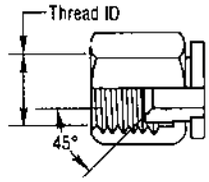




Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G40200-0606B	6C14-6FSX-B	7753-10195	5/16	7.9	5/8-18	—	3/4	1.19	30.2	1.01	25.6
G40200-1212B	12C14-12FSX-B	7753-10205	5/8	15.9	1 1/16-14	—	1 1/4	1.56	39.6	1.36	34.5

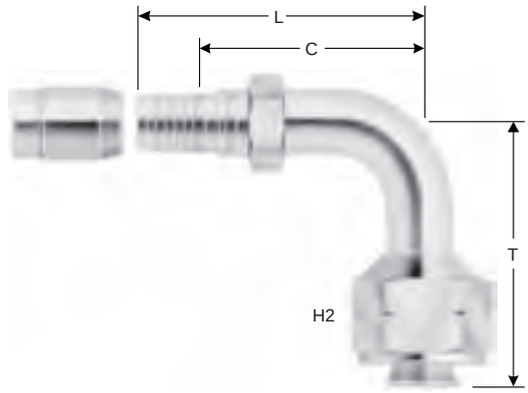
Female SAE 45° Flare Swivel - 45° Bent Tube

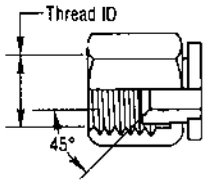




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G40202-0404	4C14-4FSX45	7753-20215	3/16	4.8	7/16-20	—	9/16	.41	10.4	1.69	42.9	1.25	31.8
G40202-0505	5C14-5FSX45	7753-20225	1/4	6.3	1/2-20	—	5/8	.49	12.4	1.85	47.0	1.44	36.6
G40202-0606	6C14-6FSX45	7753-20235	5/16	7.9	5/8-18	—	3/4	.55	14.0	2.13	54.1	1.62	41.1
G40202-0808	8C14-8FSX45	7753-20245	13/32	10.3	3/4-16	—	7/8	.63	16.0	2.44	62.0	1.88	47.8
G40202-1010	10C14-10FSX45	7753-20635	1/2	12.7	7/8-14	—	1	.75	19.1	2.78	70.6	2.12	53.8
G40202-1212	12C14-12FSX45	7753-20645	5/8	15.9	1 1/16-14	—	1 1/4	.90	22.9	3.92	99.6	3.15	80.0

Female SAE 45° Flare Swivel - 90° Bent Tube





Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G40205-0404	4C14-4FSX90	7753-20255	3/16	4.8	7/16-20	—	9/16	.71	18.0	1.42	36.1	1.00	25.4
G40205-0505	5C14-5FSX90	7753-20265	1/4	6.3	1/2-20	—	5/8	.88	22.4	1.55	39.4	1.06	26.9
G40205-0606	6C14-6FSX90	7753-20275	5/16	7.9	5/8-18	—	3/4	1.00	25.4	1.80	45.7	1.25	31.8
G40205-0808	8C14-8FSX90	7753-20285	13/32	10.3	3/4-16	—	7/8	1.18	30.0	2.10	53.3	1.50	38.1
G40205-1010	10C14-10FSX90	7753-20295	1/2	12.7	7/8-14	—	1 1/16	1.50	38.1	2.47	62.7	1.81	46.0
G40205-1212	12C14-12FSX90	7753-20665	5/8	15.9	1 1/16-14	—	1 1/4	2.00	50.8	3.88	98.5	3.11	79.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
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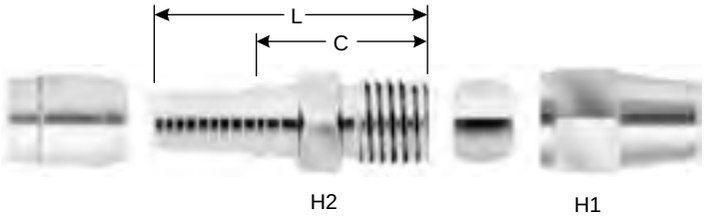
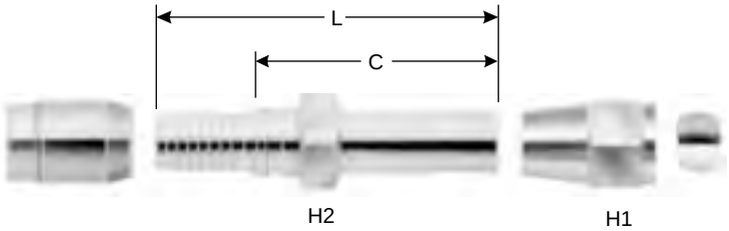
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Air Brake Compression



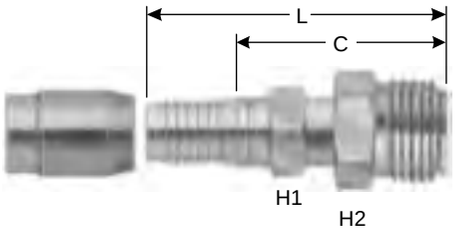
Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm	⊙ "
STANDARD PACK												
G40460-0808B	8C14-8ABC-B	7753-10365	13/32	10.3	11/16-20	7/8	13/16	1.71	43.4	1.10	27.9	.50
G40460-1010B	10C14-10ABC-B	7753-10385	1/2	12.7	13/16-18	7/8	15/16	1.89	48.0	1.19	30.2	.63
G40460-1212B	12C14-12ABC-B	7753-10395	5/8	15.9	1-18	1 1/16	1 1/8	2.13	54.1	1.36	34.5	.75

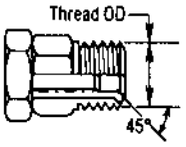
Straight Tube Assembly



Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm	⊙ "
STANDARD PACK												
G40461-1008B	10C14-8STA-B	7753-10415	1/2	12.7	11/16-20	3/4	13/16	3.18	80.8	2.21	56.1	.5
G40461-1010B	10C14-10STA-B	7753-10425	1/2	12.7	13/16-18	3/4	15/16	3.50	88.9	2.53	64.3	.63
G40461-1212B	12C14-12STA-B	7753-10435	5/8	15.9	1-18	7/8	1 1/8	3.67	93.2	2.61	66.3	.75

SAE Male Inverted Swivel



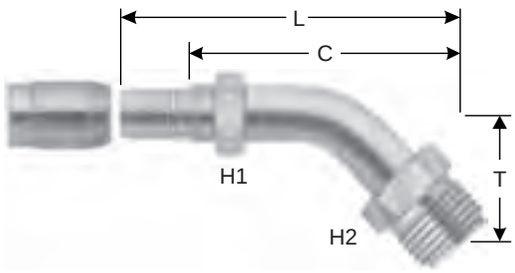


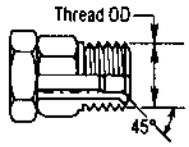
Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G40500-0404	4C14-4MIX	7753-20305	3/16	4.8	7/16-24	7/16	7/16	1.84	46.7	1.39	35.3
G40500-0505	5C14-5MIX	7753-20315	1/4	6.3	1/2-20	1/2	1/2	1.90	48.3	1.45	36.8
G40500-0606	6C14-6MIX	7753-20325	5/16	7.9	5/8-18	9/16	5/8	2.07	52.6	1.52	38.6

SAE Male Inverted Swivel - Cont'd

Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
G40500-0808	8C14-8MIX	7753-20335	13/32	10.3	3/4-18	5/8	3/4	2.21	56.1	1.60	40.6
G40500-1010	10C14-10MIX	7753-20345	1/2	12.7	7/8-16	3/4	7/8	2.47	62.7	1.77	45.0

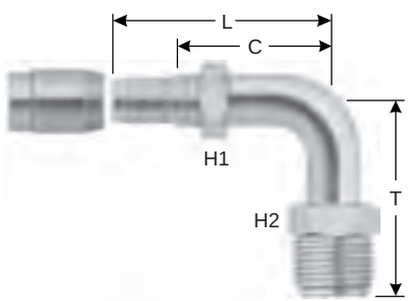
SAE Male Inverted Swivel - 45° Bent Tube

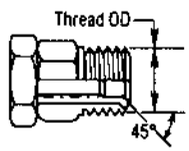




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G40502-0404	4C14-4MIX45	7753-20355	3/16	4.8	7/16-24	7/16	7/16	.73	18.5	1.99	50.5	1.53	38.9
G40502-0606	6C14-6MIX45	7753-20365	5/16	7.9	5/8-18	9/16	5/8	.94	23.9	2.48	63.0	1.93	49.0
G40502-0808	8C14-8MIX45	7753-20375	13/32	10.3	3/4-18	5/8	3/4	1.14	28.9	2.95	74.9	2.10	53.3
G40502-1010	10C14-10MIX45	7753-20695	1/2	12.7	7/8-18	3/4	7/8	1.34	34.0	3.37	85.6	2.67	67.8
G40502-1212	12C14-12MIX45	7753-20705	5/8	15.9	1 3/16-16	7/8	1 1/16	1.54	39.1	4.56	115.8	3.79	96.3

SAE Male Inverted Swivel - 90° Bent Tube





Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G40504-0404	4C14-4MIX90	7753-20385	3/16	4.8	7/16-24	7/16	7/16	1.30	33.0	1.42	36.1	.97	24.6
G40504-0505	5C14-5MIX90	7753-20395	1/4	6.3	1/2-20	1/2	1/2	1.48	37.6	1.54	39.1	1.09	27.7
G40504-0606	6C14-6MIX90	7753-20405	5/16	7.9	5/8-18	9/16	5/8	1.63	41.4	1.80	45.7	1.25	31.8
G40504-0808	8C14-8MIX90	7753-20415	13/32	10.3	3/4-18	5/8	3/4	1.91	48.5	2.10	53.3	1.77	45.0
G40504-1010	10C14-10MIX90	7753-20425	1/2	12.7	7/8-18	3/4	7/8	2.16	54.9	2.47	62.7	1.77	45.0
G40504-1212	12C14-12MIX90	7753-20715	5/8	15.9	1 3/16-16	7/8	1 1/16	2.66	67.6	3.60	91.4	2.83	71.9

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
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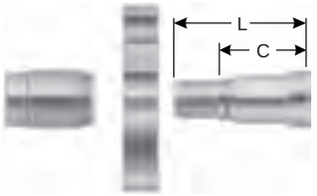
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Two-Bolt Flange Swivel - Brass (Steel Flange) - 'Laundry Flange'



Part No.	Descr.	Prod. No.	⊖		A	L		C	
			"	mm	"	"	mm	"	mm
STANDARD PACK									
G40543-1212	12C14-12TBFLX	7753-10265	5/8	15.9	2.00	2.27	57.6	.59	15.0
G40543-1616	16C14-16TBFLX	7753-10275	7/8	22.2	2.00	2.45	62.3	.81	20.6

GMV Global MegaVac® Return Line and Suction Hose

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Petroleum and water-base hydraulic fluids in suction lines or in low pressure return lines. Meets or exceeds requirements of SAE100R4. Uses half the bend radius of SAE 100R4. Meets marine ABS with use of HeatGuard™ high temp sleeve.

Tube: Black, synthetic rubber is specifically designed for resistance to high temperatures (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Double spiral textile (braid for -12, -16 and -20) reinforced with a helical spiral-wire to prevent collapse.

Cover: Black synthetic rubber is oil and abrasion resistant (Neoprene - Type A). See Hose Stock Characteristics.

Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

GL Couplings
MegaCrimp® Couplings (-12 through -20)

Part No.	Description	Product No.							Standard Pack
85577	12GMV X25FT	4504-0961	3/4	1.22	350	1,400	2.5	25	1
70184	12GMVXCTN	4504-0123	3/4	1.22	350	1,400	2.5	25	100
85578	16GMV X25FT	4504-0962	1	1.45	300	1,200	3.0	25	1
70185	16GMVXCTN	4504-0003	1	1.45	300	1,200	3.0	25	100
85579	20GMV X25FT	4504-0963	1 1/4	1.76	250	1,000	4.0	25	1
70186	20GMVXCTN	4504-0004	1 1/4	1.76	250	1,000	4.0	25	100
85583	24G4H X25FT	3105-0030	1 1/2	2.01	162	650	5.0	25	1
70136	24GMVX100FT	3105-0004	1 1/2	2.01	162	650	5.0	25	100
85584	32GMV X25FT	3105-0031	2	2.51	112	450	6.0	25	1
70137	32GMVX100FT	3105-0006	2	2.51	112	450	6.0	25	100
70147	36GMVXCTN*	3105-0008	2 1/4	2.76	88	350	7.0	25	100
70138	40GMVX100FT	3105-0010	2 1/2	3.02	68	275	7.0	25	100
70139	48GMVX100FT	3105-0014	3	3.51	62	250	9.0	25	100
70140	56GMVX100FT	3105-0015	3 1/2	4.01	56	225	10.0	25	100
70141	64GMVX100FT	3105-0018	4	4.51	56	225	12.0	25	100

** Stem and clamp only, no Gates couplings available.*

G4H MegaVac® Return Line and Suction Hose

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Petroleum and water-base hydraulic fluids in suction lines or in low pressure return lines. Meets or exceeds requirements of SAE100R4 (except 1" I.D.). Uses half the bend radius of SAE 100R4.

Tube: Black, synthetic rubber is specifically designed for resistance to high temperatures (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Double spiral textile reinforced with a helical spiral-wire to prevent collapse.

Cover: Black synthetic rubber is oil and abrasion resistant (Neoprene - Type A). See Hose Stock Characteristics.

Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

GL Couplings
MegaCrimp® Couplings
Use clamp over beaded nipple.

Part No.	Description	Product No.							Standard Pack
85580	12G4H X25FT	3105-0027	3/4	1.17	300	1,200	2.5	25	1
70133	12G4HXCTN	3105-0022	3/4	1.17	300	1,200	2.5	25	100
85581	16G4H X25FT	3105-0028	1	1.43	200	850	3.0	25	1
70134	16G4HXCTN	3105-0001	1	1.43	212	850	3.0	25	100
85582	20G4H X25FT	3105-0029	1 1/4	1.68	200	800	4.0	25	1
70135	20G4HXCTN	3105-0036	1 1/4	1.68	200	800	4.0	25	100

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

RLA 1-Fiber Braid Return Line and Low Pressure Hose — Low Pressure

Recommended For: Low-pressure hydraulic oil return lines for general purpose water, glycol antifreeze solutions, conveying diesel fuel, gasoline or air. Meets SAE 30R2 performance requirements of both Type 1 and Type 2 for fuel and B20 constant contact up to 125°F biodiesel fuel transfer applications.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One fiber braid (-3 to -10). Spiral braid (-12 to -16).

Cover: Black, synthetic rubber. Oil and abrasion resistant (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). Air to +160°F (+71°C) only. For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

GLP Couplings (except -3, -5 and -16)
MegaCrimp® Couplings
Permanent Power Crimp® Couplings (-3 only)

Part No.	Description	Product No.							Standard Pack
85940	3RLA X25FT	3284-4028	3/16	0.41	250	1,000	3.0	28	1
70040	3RLAXREEL	3284-0110	3/16	0.41	250	1,000	3.0	28	550
85941	4RLA X25FT	3284-4029	1/4	0.50	250	1,000	3.0	28	1
70041	4RLAXREEL	3284-0120	1/4	0.50	250	1,000	3.0	28	550
85942	5RLA X25FT	3284-4030	5/16	0.56	250	1,000	4.0	28	1
70042	5RLAXREEL	3284-0130	5/16	0.56	250	1,000	4.0	28	550
85943	6RLA X25FT	3284-4031	3/8	0.66	250	1,000	4.0	28	1
70043	6RLAXREEL	3284-0140	3/8	0.66	250	1,000	4.0	28	550
85944	8RLA X25FT	3284-4032	1/2	0.81	200	800	5.0	20	1
70044	8RLAXREEL	3284-0150	1/2	0.81	200	800	5.0	20	550
85945	10RLA X25FT	3284-4033	5/8	0.94	200	800	6.0	15	1
70045	10RLAXREEL	3284-0160	5/8	0.94	200	800	6.0	15	550
85946	12RLA X25FT	3284-4088	3/4	1.09	200	800	6.0	10	1
70046	12RLAXREEL	3284-0170	3/4	1.09	200	800	6.0	10	650
85947	16RLA X25FT	3284-4181	1	1.34	160	640	8.0	10	1
70047	16RLAXREEL	3284-0180	1	1.34	160	640	8.0	10	400

RLC 3-Fiber Braid Return Line and Low Pressure Hose — Low Pressure

Recommended For: Petroleum-base hydraulic oils, glycol antifreeze, air or water in low pressure fluid transfer or hydraulic system return lines. Generally connected to 100R4 stems, beaded nipples, or tube type ports with worm gear clamps.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Three fiber braids.

Cover: Black, oil and abrasion resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

Temperature Range: For hydraulic oil lines -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time); air to +160°F (+71°C) only. For water emulsions see Temperature Limits Table.

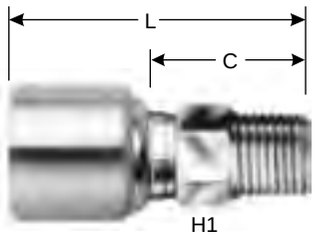
Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

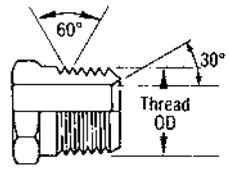
Use barbed stem or beaded-tube with clamps only.

Part No.	Description	Product No.							Standard Pack
70142	16RLCXCTN	3319-0261	1	1.62	200	800	9.0	25	50
70074	20RLCXCTN	3319-0263	1 1/4	1.88	200	800	10.0	25	50
70075	24RLCXCTN	3319-0264	1 1/2	2.12	200	800	11.0	25	100
70143	28RLCXCTN	3319-0265	1 3/4	2.38	200	800	12.0	25	50
70076	32RLCXCTN	3319-0266	2	2.56	200	800	13.0	25	50
70070	36RLCXCTN	3319-0267	2 1/4	2.87	150	600	14.0	25	50
70077	40RLCXCTN	3319-0268	2 1/2	3.12	150	600	16.0	25	50
70078	48RLCXCTN	3319-0270	3	3.62	150	600	20.0	25	50
70081	56RLCXCTN	3319-0272	3 1/2	4.12	150	600	24.0	25	50
70144	72RLCX10FT	3319-0273	4 1/2	5.19	100	400	54.0	25	10

Male Pipe (NPTF - 30° Cone Seat)

Special GLP Dies Required.

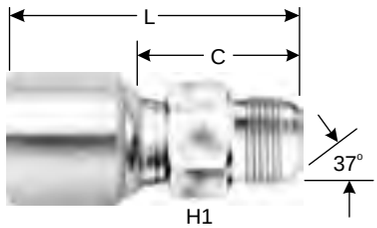


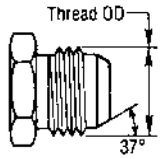


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G42100-0404	4GLP1-4MP	7351-02045	1/4	6.3	1/4	9/16	—	1.89	48.0	1.22	30.9
G42100-0606	6GLP1-6MP	7351-02155	3/8	9.5	3/8	11/16	—	2.13	54.0	1.33	33.8
G42100-0808	8GLP1-8MP	7351-02215	1/2	12.7	1/2	7/8	—	2.24	56.9	1.46	37.1
G42100-1008	10GLP1-8MP	7351-02275	5/8	15.9	1/2	15/16	—	2.40	61.0	1.55	39.3
G42100-1212	12GLP1-12MP	7351-02325	3/4	19.0	3/4	1 1/16	—	2.64	67.0	1.56	39.5

Male JIC 37° Flare

Special GLP Dies Required.





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G42165-0404	4GLP1-4MJ	7351-01045	1/4	6.4	7/16-20	9.0	—	1.81	46.0	1.18	30.0
G42165-0606	6GLP1-6MJ	7351-01155	3/8	9.5	9/16-18	11.0	—	1.97	50.0	1.23	31.3
G42165-0808	8GLP1-8MJ	7351-01215	1/2	12.7	3/4-16	7/8	—	2.13	54.1	1.34	34.0
G42165-1010	10GLP1-10MJ	7351-01275	5/8	15.8	7/8-14	15.0	—	2.44	62.0	1.59	40.3
G42165-1212	12GLP1-12MJ	7351-01325	3/4	19.0	1 1/16-12	1.0	—	2.83	72.0	1.75	44.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
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LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
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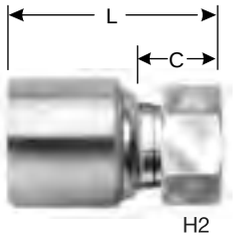
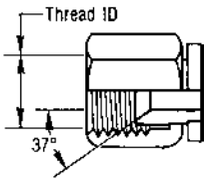
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female JIC 37° Flare Swivel

Special GLP Dies Required.

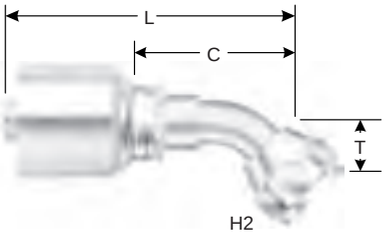


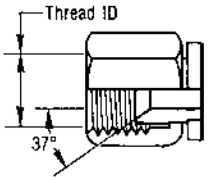


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		mm	mm	"	mm	"	mm
STANDARD PACK											
G42170-0404	4GLP1-4FJX	7351-05045	1/4	6.4	7/16-20	—	9.0	1.63	41.3	.96	24.3
G42170-0606	6GLP1-6FJX	7351-05145	3/8	9.5	9/16-18	—	11.0	1.89	48.1	1.10	27.9
G42170-0808	8GLP1-8FJX	7351-05205	1/2	12.7	3/4-16	—	7.0	2.02	51.4	1.24	31.5
G42170-1010	10GLP1-10FJX	7351-05265	5/8	15.8	7/8-14	—	15.0	2.27	57.7	1.42	36.0
G42170-1212	12GLP1-12FJX	7351-05325	3/4	19.0	1 1/16-12	—	1.0	2.56	64.9	1.47	37.4

Female JIC 37° Flare Swivel - 45° Short Bent Tube

Special GLP Dies Required.

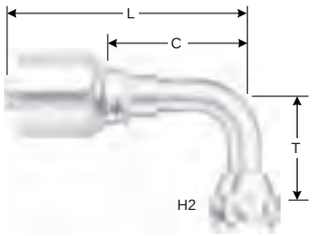


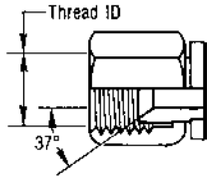


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G42174-0404	4GLP1-4FJX45S	7351-11055	1/4	6.4	7/16-20	—	9.0	.39	10.0	2.37	60.2	1.74	44.2
G42174-0606	6GLP1-6FJX45S	7351-11235	3/8	9.5	9/16-18	—	11.0	.43	11.0	2.96	75.1	2.22	56.4
G42174-0808	8GLP1-8FJX45S	7351-09295	1/2	12.7	3/4-16	—	7.0	.59	15.0	2.96	75.1	2.17	55.2
G42174-1010	10GLP1-10FJX45S	7351-09355	5/8	15.8	7/8-14	—	15.0	.63	16.0	3.21	81.5	2.35	59.8
G42174-1212	12GLP1-12FJX45S	7351-09425	3/4	19.0	1 1/16-12	—	1.0	.83	21.0	3.94	100.0	2.85	72.5

Female JIC 37° Flare Swivel - 90° Short Bent Tube

Special GLP Dies Required.

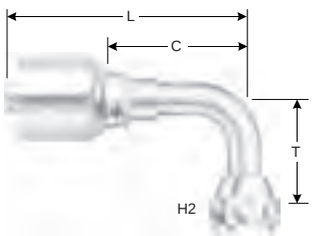


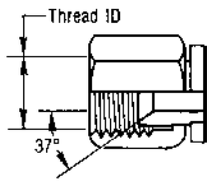


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G42179-0404	4GLP1-4FJX90S	7351-15045	1/4	6.4	7/16-20	—	9.0	.83	21.0	2.11	53.6	1.48	37.6
G42179-0606	6GLP1-6FJX90S	7351-15205	3/8	9.5	9/16-18	—	11.0	.91	23.0	2.67	67.8	1.93	49.1
G42179-0808	8GLP1-8FJX90S	7351-15285	1/2	12.7	3/4-16	—	7.0	1.14	29.0	2.59	65.7	1.80	45.8
G42179-1010	10GLP1-10FJX90S	7351-15365	5/8	16.0	7/8-14	—	23.8	1.26	32.0	2.93	74.4	2.07	52.6
G42179-1212	12GLP1-12FJX90S	7351-15465	3/4	19.0	1 1/16-12	—	1.0	1.89	48.0	3.78	96.0	2.70	68.5

Female JIC 37° Flare Swivel - 90° Long Bent Tube

Special GLP Dies Required.





Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		mm	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G42181-0404	4GLP1-4FJX90L	7351-15065	1/4	6.4	7/16-20	—	9.0	1.81	46.0	2.11	53.6	1.48	37.6
G42181-0606	6GLP1-6FJX90L	7351-15225	3/8	9.65	9/16-18	—	17.5	2.13	54.1	2.67	67.8	1.93	49.0
G42181-0808	8GLP1-8FJX90L	7351-15305	1/2	12.7	3/4-16	—	7.0	2.52	64.0	2.69	68.4	1.91	48.5
G42181-1212	12GLP1-12FJX90L	7351-15445	3/4	19.0	1 1/16-12	—	1.0	3.78	96.0	3.27	83.0	2.19	55.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
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POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
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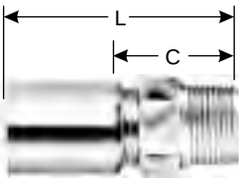
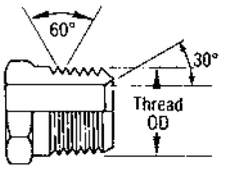
KITS

Male Pipe (NPTF - 30° Cone Seat)

Special GL Dies Required.



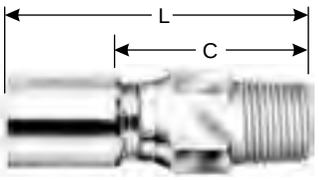
H1



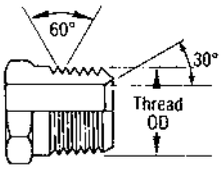
Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G43100-1212	12GL-12MP	7348-00015	3/4	19.0	3/4-14	1 3/4	—	3.46	88.0	1.46	37.0
G43100-1216	12GL-16MP	7348-00025	3/4	19.0	1-11 1/2	1 3/8	—	1.77	92.5	1.64	41.6
G43100-1616	16GL-16MP	7348-00035	1	25.4	1-11 1/2	1 3/8	—	4.11	104.5	1.88	47.7
G43100-2020	20GL-20MP	7348-00045	1 1/4	31.8	1 1/4-11 1/2	1 3/4	—	2.13	112.0	2.09	53.0
G43100-2424	24GL-24MP	7348-00055	1 1/2	38.1	1 1/2-11 1/2	2	—	4.83	122.7	2.19	55.7
G43100-3232	32GL-32MP	7348-00065	2	50.8	2-11 1/2	2 1/2	—	5.39	137.0	2.33	59.2

Male Pipe Swivel (NPTF - Without 30° Cone Seat)

NOT TO BE USED AS A LIVE SWIVEL.Special GL Dies Required.



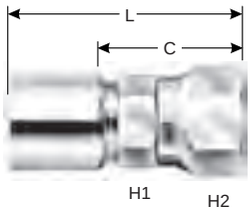
H2

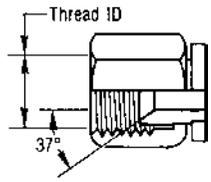


Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G43105-1212	12GL-12MPX	7348-00105	3/4	19.0	3/4-14	—	1 5/16	4.02	102.0	2.01	51.0
G43105-1616	16GL-16MPX	7348-00115	1	25.4	1-11 1/2	—	1 5/8	4.73	120.2	2.50	63.4

Female JIC 37° Flare Swivel

Special GL Dies Required.

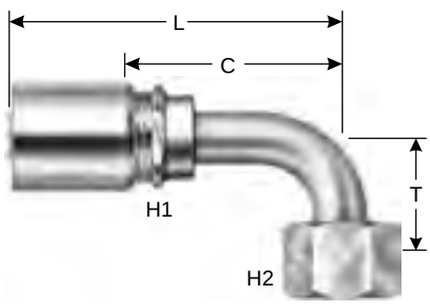


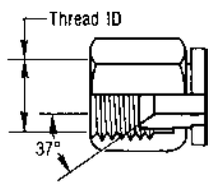


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G43170-1212	12GL-12FJX	7348-00205	3/4	19.0	1 1/16-12	1 1/16	1 1/4	3.68	93.5	1.67	42.5
G43170-1214	12GL-14FJX	7348-00215	3/4	19.0	1 3/16-12	1 1/8	1 3/8	3.65	92.7	1.64	41.6
G43170-1216	12GL-16FJX	7348-00225	3/4	19.0	1 5/16-12	1 1/4	1 1/2	3.78	96.0	1.77	45.0
G43170-1616	16GL-16FJX	7348-00235	1	25.4	1 5/16-12	1 3/8	1 1/2	4.17	106.0	1.94	49.2
G43170-2020	20GL-20FJX	7348-00245	1 1/4	31.8	1 5/8-12	1 3/4	2	4.58	116.4	2.26	57.4
G43170-2424	24GL-24FJX	7348-00255	1 1/2	38.1	1 7/8-12	2	2 1/4	5.19	131.7	2.55	64.7
G43170-3232	32GL-32FJX	7348-00265	2 1/2	63.5	3-12	2 1/2	3 1/2	5.98	152.0	2.92	73.9
G43170-4040	40GL-40FJX	7305-05475	2 1/2	63.5	2 1/2	3	3 1/2	5.36	136.4	2.91	73.9

Female JIC 37° Flare Swivel - 90° Short Bent Tube

Special GL Dies Required.





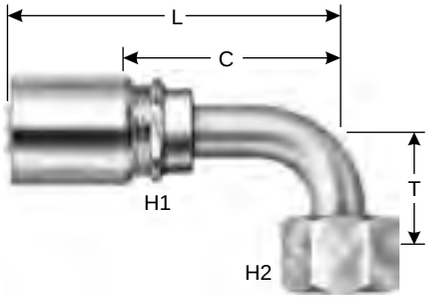
Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G43179-1212	12GL-12FJX90S	7348-01385	3/4	19.0	1 1/16-12	1 1/16	1 1/4	1.89	48.0	4.61	117.0	2.60	66.0
G43179-1616	16GL-16FJX90S	7348-01485	1	25.4	1 5/16-12	1 3/8	1 1/2	2.20	56.0	5.12	130.0	2.88	73.2

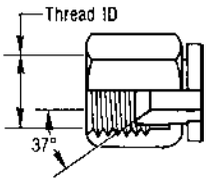
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female JIC 37° Flare Swivel - 90° Medium Bent Tube

Special GL Dies Required.

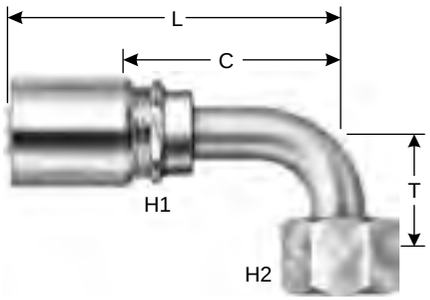


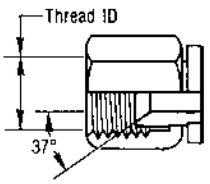


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G43180-2020	20GL-20FJX90M	7348-01525	1 1/4	31.8	1 5/8-12	1 3/4	2	3.07	78.0	6.24	158.4	3.91	99.4
G43180-2420	24GL-20FJX90M	7348-01585	1 1/2	38.1	1 5/8-12	1 3/4	2	3.07	78.0	6.24	158.4	3.91	99.4
G43183-2424	24GL-24FJX90-092	7348-01545	1 1/2	38.1	1 7/8-12	2	2 1/4	4.05	98.0	7.10	173.2	4.85	110.7

Female JIC 37° Flare Swivel - 90° Long Bent Tube

Special GL Dies Required.

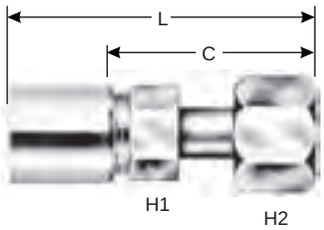


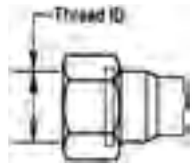


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G43181-2420	24GL-20FJX90L	7348-01595	1 1/2	38.1	1 5/8-12	1 3/4	2	5.08	129.0	5.59	142.0	2.96	75.1

Female Flat-Face Swivel

SAE J1453 O-Ring Face Seal.Special GL Dies Required.

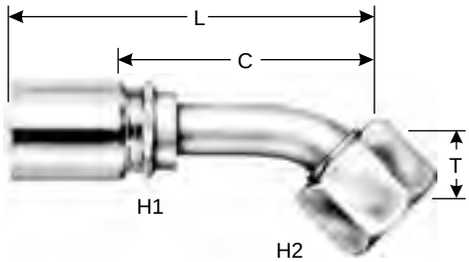


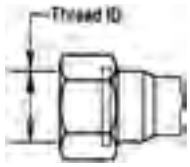


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G43230-1212	12GL-12FFORX	7348-00305	3/4	19.0	1 3/16-12	1 1/16	1 3/8	3.78	96.0	1.77	45.0
G43230-1616	16GL-16FFORX	7348-00355	1	25.4	1 7/16-12	1 3/8	1 5/8	4.46	113.4	2.22	56.5
G43230-2020	20GL-20FFORX	7348-00365	1 1/4	31.8	1 11/16-12	1 3/4	1 7/8	4.50	114.4	2.18	55.4
G43230-2424	24GL-24FFORX	7348-00375	1 1/2	—	2 -12	2	2 1/2	5.50	—	3.00	—

Female Flat-Face Swivel - 45° Short Bent Tube

SAE J1453 O-Ring Face Seal.Special GL Dies Required.





Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G43234-1212	12GL-12FFORX45S	7348-00405	3/4	19.1	1 7/16-12	1 1/16	1 3/8	.83	21.0	4.67	118.5	2.66	67.5
G43234-1616	16GL-16FFORX45S	7348-00415	1	25.4	1 7/16-12	1 3/8	1 5/8	.94	24.0	5.08	129.1	2.85	72.3
G43234-2020	20GL-20FFORX45S	7348-00425	1 1/2	31.8	1 11/16-12	1 3/4	1 7/8	.98	25.0	5.81	147.6	3.49	88.6

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
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SURELOK
HOSE CUTTERS & TOOLS
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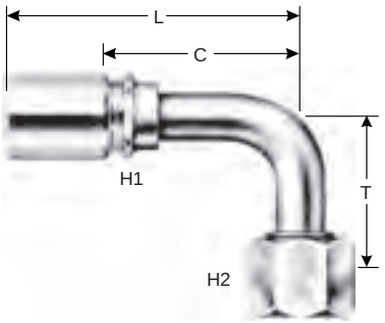
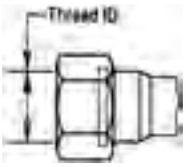
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Flat-Face Swivel - 90° Short Bent Tube

SAE J1453 O-Ring Face Seal.Special GL Dies Required.

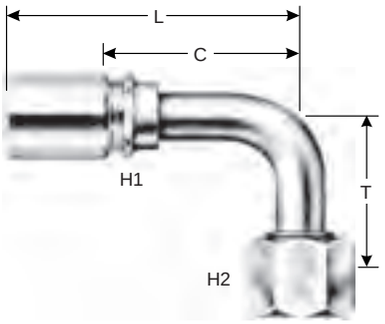


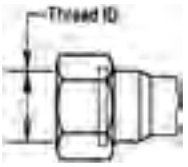


Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G43239-1212	12GL-12FFORX90S	7348-00455	3/4	19.1	1 3/16-12	1 1/16	1 3/8	1.89	48.0	4.28	108.8	2.28	57.8
G43239-1616	16GL-16FFORX90S	7348-00465	1	25.4	1 7/16-12	1 3/8	1 5/8	2.20	56.0	5.11	129.9	2.88	73.1
G43239-2020	20GL-20FFORX90S	7348-00475	1 1/4	31.8	1 11/16-12	1 3/4	1 7/8	2.52	64.0	5.51	140.0	3.19	81.0

Female Flat-Face Swivel - 90° Medium Bent Tube

SAE J1453 O-Ring Face Seal.Special GL Dies Required.

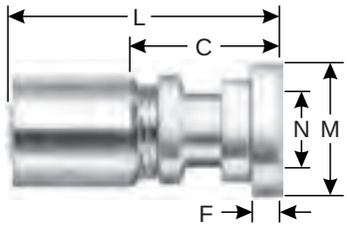




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G43240-1212	12GL-12FFORX90M	7348-02155	3/4	19.1	1 3/16-12	1 1/16	1 1/4	1.89	48.0	4.61	117.0	2.60	66.0
G43240-2424	24GL-24FFORX90M	7350-24985	1 1/2	—	2-12	—	2 1/4	3.41	86.6	6.40	—	3.60	—

Code 61 O-Ring Flange

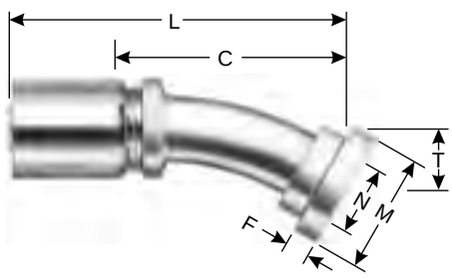
Special GL Dies Required.



Part No.	Descr.	Prod. No.	⊖		N	M		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm
STANDARD PACK													
G43300-1212	12GL-12FL	7348-00505	3/4	19.0	3/4	1.50	38.1	3.86	98.0	1.85	47.0	.27	6.7
G43300-1616	16GL-16FL	7348-00555	1	25.4	1	1.75	44.5	3.78	96.0	1.54	39.2	.32	8.0
G43300-2020	20GL-20FL	7348-00525	1 1/4	31.8	1 1/4	2.00	50.8	4.43	112.5	2.11	53.5	.32	8.0
G43300-2424	24GL-24FL	7348-00535	1 1/2	38.1	1 1/2	2.38	60.5	4.94	125.4	2.30	58.4	.32	8.0
G43300-3232	32GL-32FL	7348-00545	2	50.8	2	2.81	71.4	5.61	142.5	2.54	64.5	.38	9.5
G43300-4040	40GL-40FL	7305-05505	2 1/2	63.5	2 1/2	3.31	84.1	5.66	143.8	3.15	80.0	.38	9.5
G43300-4048	40GL-48FL	7305-05605	2 1/2	63.5	3	4.00	101.6	5.66	143.8	3.21	81.5	.38	9.5
G43300-4056	40GL-56FL	7305-05705	2 1/2	63.5	3 1/2	4.50	114.3	5.33	135.4	2.77	70.3	.44	11.2
G43300-4064	40GL-64FL	7305-05795	2 1/2	63.5	4	5.00	127.0	5.33	135.4	2.88	73.2	.44	11.2
G43300-4848	48GL-48FL	7305-05805	3	76.2	3	4.00	101.6	6.54	166.1	3.46	87.9	.32	8.0
G43300-5656	56GL-56FL	7305-06305	3 1/2	88.9	3 1/2	4.50	114.3	6.70	170.2	3.06	77.7	.32	8.0
G43300-6464	64GL-64FL	7305-06695	4	101.6	4	5.00	127.0	7.74	196.6	3.70	94.0	.44	11.2

Code 61 O-Ring Flange - 22° Bent Tube

Special GL Dies Required.



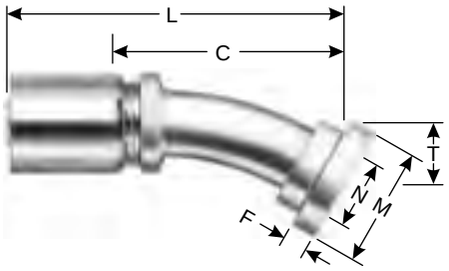
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G43302-2424	24GL-24FL22M-018	7348-00575	1/12	38.1	1/12	2.38	60.5	.71	18.0	6.39	162.3	3.76	95.4	.32	8.1
G43302-4040	40GL-40FL22	7305-05515	2 1/2	63.5	2 1/2	3.31	84.1	.63	16.0	6.81	173.0	4.36	110.7	.38	9.5
G43302-4048	40GL-48FL22	7305-05615	2 1/2	63.5	3	4.00	101.6	.67	17.0	6.86	174.2	4.41	112.0	.38	9.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 61 O-Ring Flange - 30° Medium Bent Tube

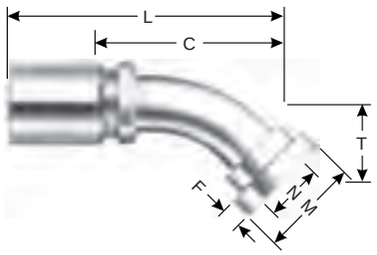
Special GL Dies Required.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G43304-1212	12GL-12FL30M	7348-00605	3/4	19.1	3/4	1.50	38.1	.63	16.0	4.51	114.6	2.50	63.5	.27	6.9
G43304-1616	16GL-16FL30M	7348-00615	1	25.4	1	1.75	44.5	.75	19.0	4.92	125.0	2.69	68.3	.32	8.1
G43304-2020	20GL-20FL30M	7348-00625	1 1/4	31.8	1 1/4	2.00	50.8	.87	22.0	5.37	136.4	3.05	77.5	.32	8.1
G43304-2424	24GL-24FL30M	7348-00635	1 1/2	38.1	1 1/2	2.38	60.5	1.18	30.0	6.86	174.2	4.22	107.3	.32	8.1
G43304-3232	32GL-32FL30M	7348-00645	2	50.8	2	2.81	71.4	1.26	32.0	7.78	197.6	4.72	119.8	.38	9.5
G43304-4040	40GL-40FL30	7305-05525	2 1/2	63.5	2 1/2	3.31	84.1	1.08	27.4	7.30	185.4	4.85	123.2	.38	9.5
G43304-4048	40GL-48FL30	7305-05625	2 1/2	63.5	3	4.00	101.6	1.08	27.4	7.36	186.9	4.91	124.7	.38	9.5
G43304-4848	48GL-48FL30	7305-05825	3	76.2	3	4.00	101.6	1.12	28.4	8.23	209.0	5.15	130.8	.38	9.5

Code 61 O-Ring Flange - 45° Short Bent Tube

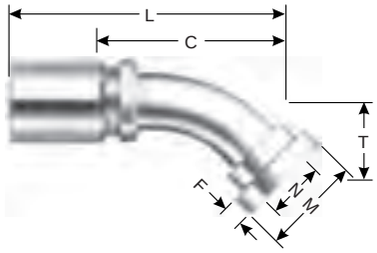
Special GL Dies Required.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G43306-1616	16GL-16FL45S	7348-00715	1	25.4	1	1.75	44.5	1.10	28.0	5.11	129.8	2.87	72.9	.32	8.1
G43306-2020	20GL-20FL45S	7348-00725	1 1/4	31.8	1 1/4	2.00	50.8	1.26	32.0	5.59	142.0	3.29	83.6	.32	8.1
G43306-2424	24GL-24FL45S	7348-00735	1 1/2	38.1	1 1/2	2.38	60.5	1.50	38.0	6.62	168.2	3.99	101.3	.32	8.1
G43306-3232	32GL-32FL45S	7348-00745	2	50.8	2	2.81	71.4	2.05	52.0	8.07	204.9	5.00	127.1	.38	9.5

Code 61 O-Ring Flange - 45° Medium Bent Tube

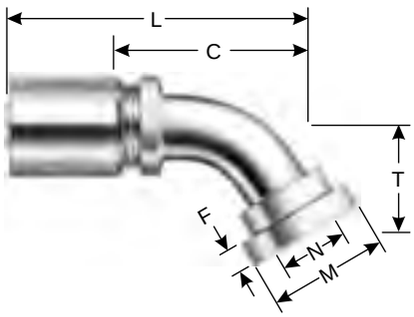
Special GL Dies Required.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G43307-1212	12GL-12FL45M	7348-00705	3/4	19.1	3/4	1.50	38.1	1.02	26.0	4.67	118.6	2.66	67.6	.27	8.0
G43307-4040	40GL-40FL45	7305-05535	2 1/2	63.5	2 1/2	3.31	84.1	1.72	43.7	7.72	196.1	5.27	133.8	.38	9.5
G43307-4048	40GL-48FL45	7305-05635	2 1/2	63.5	3	4.00	101.6	1.76	44.7	7.76	197.1	5.31	134.9	.38	9.5
G43307-4848	48GL-48FL45	7305-05835	3	76.2	3	4.00	101.6	2.03	51.6	9.18	233.2	6.10	154.9	.38	9.5
G43307-4856	48GL-56FL45	7305-05895	3	76.2	3 1/2	4.50	114.3	2.03	51.6	12.38	314.4	9.30	236.2	.44	11.2
G43307-5656	56GL-56FL45	7305-06335	3 1/2	88.9	3 1/2	4.50	114.3	2.13	54.1	9.66	245.4	6.02	152.9	.44	11.2
G43307-5664	56GL-64FL45	7305-06385	3 1/2	88.9	4	5.00	127.0	2.13	54.1	9.66	245.4	6.02	152.9	.44	11.2
G43307-6565	64GL-64FL45	7305-06725	4	101.6	4	5.00	127.0	3.61	91.7	12.70	322.3	8.66	153.0	.44	11.2

Code 61 O-Ring Flange - 60° Short Bent Tube

Special GL Dies Required.



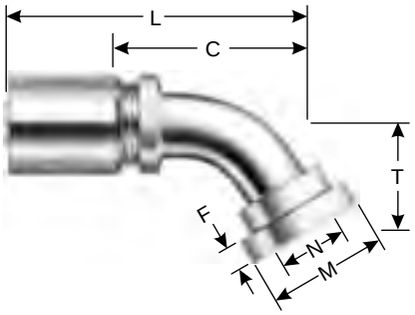
Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G43308-2020	20GL-20FL60S	7348-00825	1 1/4	31.8	1 1/4	2.00	50.8	1.77	45.0	5.67	144.0	3.35	85.1	.32	8.1
G43308-2424	24GL-24FL60S	7348-00835	1 1/2	38.1	1 1/2	2.38	60.5	2.09	53.0	6.63	168.4	3.99	101.4	.32	8.1
G43308-3232	32GL-32FL60S	7348-00845	2	50.8	2	2.81	71.4	2.95	75.0	8.59	218.1	5.52	140.3	.38	9.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 61 O-Ring Flange - 60° Medium Bent Tube

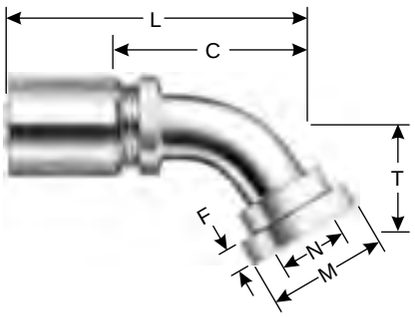
Special GL Dies Required.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G43309-1212	12GL-12FL60M	7348-00805	3/4	19.1	3/4	1.50	38.1	1.46	37.0	4.61	117.1	2.60	66.0	.27	8.0
G43309-1616	16GL-16FL60M	7348-00815	1	25.4	1	1.75	44.5	1.73	44.0	5.14	130.6	2.90	73.7	.32	8.1
G43309-4040	40GL-40FL60	7305-05545	2 1/2	63.5	2 1/2	3.31	84.1	2.63	66.8	8.13	206.5	5.68	144.3	.38	9.5
G43309-4848	48GL-48FL60	7305-05845	3	76.2	3	4.00	101.6	3.11	79.0	9.66	245.4	6.58	167.1	.38	9.5

Code 61 O-Ring Flange - 67½° Short Bent Tube

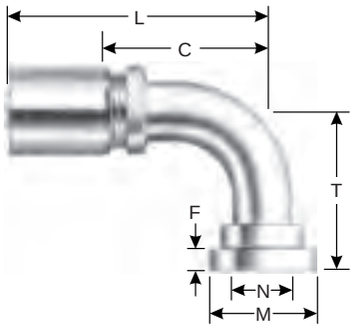
Special GL Dies Required.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G43311-3232	32GL-32FL67S	7348-00875	2	50.8	2	2.81	71.4	3.35	85.0	8.56	217.3	5.49	139.5	.38	9.5
G43311-4040	40GL-40FL67	7305-05555	2 1/2	63.5	2 1/2	3.31	84.1	3.13	79.5	8.22	208.8	5.77	146.6	.38	9.5
G43311-4848	48GL-48FL67	7305-05905	3	76.2	3	4.00	101.6	3.87	98.3	9.50	241.3	6.42	163.1	.38	9.5
G43311-6464	64GL-64FL67	7305-06635	4	101.6	4	5.00	127.0	6.90	175.3	14.20	360.7	10.17	258.3	.44	11.2

Code 61 O-Ring Flange - 90° Short Bent Tube

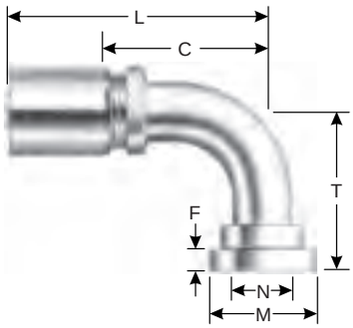
Special GL Dies Required.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G43314-1216	12GL-16FL90S	7348-00915	3/4	19.0	1	1.75	44.5	2.40	61.0	4.40	111.7	2.39	60.7	.32	8.1
G43314-1616	16GL-16FL90S	7348-00925	1	25.4	1	1.75	44.5	2.40	61.0	5.04	128.1	2.81	71.3	.32	8.1
G43314-1620	16GL-20FL90S	7348-00935	1	25.4	1 1/4	2.00	50.8	2.68	68.0	5.04	128.1	2.81	71.3	.32	8.1
G43314-2020	20GL-20FL90S	7348-00945	1 1/4	31.8	1 1/4	2.00	50.8	2.68	68.0	5.41	137.5	3.09	78.5	.32	8.1
G43314-2024	20GL-24FL90-068	7348-00955	1 1/4	31.8	1 1/2	2.38	60.5	2.68	68.0	5.41	137.5	3.09	78.5	.32	8.1
G43314-2424	24GL-24FL90S	7348-00965	1 1/2	38.1	1 1/2	2.38	60.5	3.12	79.2	6.26	159.0	3.62	91.9	.32	8.1
G43314-3232	32GL-32FL90S	7348-00975	2	50.8	2	2.81	71.4	4.50	114.3	8.73	221.7	5.20	132.1	.38	9.5
G43314-3240	32GL-40FL90-114	7348-00775	—	—	—	—	—	—	—	—	—	—	—	—	—

Code 61 O-Ring Flange - 90° Medium Bent Tube

Special GL Dies Required.



Part No.	Descr.	Prod. No.	⊖		N	M		T		L		C		F	
			"	mm	"	"	mm	"	mm	"	mm	"	mm	"	mm
STANDARD PACK															
G43315-1212	12GL-12FL90M	7348-00905	3/4	19.0	3/4	1.50	38.1	2.28	58.0	4.40	111.7	2.39	60.7	.27	6.9
G43315-4040	40GL-40FL90	7305-05565	2 1/2	63.5	2 1/2	3.31	84.1	4.62	117.3	8.06	204.7	5.61	142.5	.38	9.5
G43315-4048	40GL-48FL90	7305-05665	2 1/2	63.5	3	4.00	101.6	4.62	117.3	8.12	206.2	5.67	144.0	.38	9.5
G43315-4848	48GL-48FL90	7305-05855	3	76.2	3	4.00	101.6	5.50	139.7	9.70	246.4	6.62	168.1	.38	9.5
G43315-5656	56GL-56FL90	7305-06365	3 1/2	88.9	3 1/2	4.50	114.3	5.63	143.0	10.17	258.3	6.53	165.9	.38	11.2
G43315-5664	56GL-64FL90	7305-06395	3 1/2	88.9	4	5.00	127.0	6.90	175.3	10.09	256.3	6.45	163.8	.38	11.2
G43315-6464	64GL-64FL90	7305-06645	4	101.6	4	5.00	127.0	7.38	187.4	12.61	320.3	8.58	217.9	.38	11.2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Notes

GLX® - Male Pipe (NPTF 30° Cone Seat)

Part No.	Descr.	Prod. No.	⊖		H1	H2	L		C	
			"		"	"	"	mm	"	mm
STANDARD PACK										
G44100-0402	4GLX-2MP	7107-00105	1/4	1/8-27	1/2	—	2.01	51.1	.98	24.9
G44100-0404	4GLX-4MP	7107-00115	1/4	1/4-18	9/16	—	2.17	55.1	1.14	29.0
G44100-0604	6GLX-4MP	7107-00135	3/8	1/4-18	11/16	—	2.32	58.9	1.22	31.0
G44100-0606	6GLX-6MP	7107-00145	3/8	3/8-18	11/16	—	2.32	58.9	1.22	31.0
G44100-0806	8GLX-6MP	7107-00165	1/2	3/8-18	13/16	—	2.72	69.1	1.24	31.5
G44100-0808	8GLX-8MP	7107-00175	1/2	1/2-14	7/8	—	2.78	70.6	1.40	35.6
G44100-0812	8GLX-12MP	7107-00785	1/2	3/4-14	13/16	—	3.46	87.8	1.45	36.9
G44100-1008	10GLX-8MP	7107-00195	5/8	1/2-14	15/16	—	2.40	61.0	1.55	39.3
G44100-1208	12GLX-8MP	7107-00215	3/4	1/2-14	1 1/16	—	3.46	87.9	1.46	37.1
G44100-1212	12GLX-12MP	7107-00225	3/4	3/4-14	1 1/16	—	3.46	87.9	1.46	37.1
G44100-1616	16GLX-16MP	7107-00255	1	1-11 1/2	1 3/8	—	4.11	104.4	1.88	47.8
G44100-2020	20GLX-20MP	7107-00265	1 1/4	1 1/4-11 1/2	1 3/4	—	4.41	112.0	2.09	53.0

GLX® - MPX Male NPTF Swivel

Part No.	Descr.	Prod. No.	⊖		H1	H2	L		C	
			"		"	"	"	mm	"	mm
STANDARD PACK										
G44105-0404	4GLX-4MPX	7107-00565	1/4	1/4-18	1/2	11/16	2.61	66.3	1.58	40.1
G44105-0606	6GLX-6MPX	7107-00575	3/8	3/8-18	5/8	7/8	2.81	71.4	1.72	43.7
G44105-0808	8GLX-8MPX	7107-00585	1/2	1/2-14	13/16	1	3.42	86.9	1.95	49.5
G44105-1212	12GLX-12MPX	7107-00595	3/4	3/4-14	1 1/16	1 5/16	4.02	102.0	2.01	51.1
G44105-1616	16GLX-16MPX	7107-00605	1	1-11 1/2	1 3/8	1 5/8	4.73	120.1	2.50	63.5
G44105-2020	20GLX-20MPX	7107-00615	1 1/4	1 1/4-11 1/2	1 7/8	2	5.30	134.6	2.98	75.7

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

GLX® - FP Female NPTF

Part No.	Descr.	Prod. No.	⊖		H1	H2	L		C	
			"		"	"	"	mm	"	mm
STANDARD PACK										
G44110-0404	4GLX-4FP	7107-00415	1/4	1/4-18	11/16	—	1.99	50.5	.96	24.4
G44110-0604	6GLX-4FP	7107-00425	3/8	1/4-18	11/16	—	2.07	52.6	.97	24.6
G44110-0606	6GLX-6FP	7107-00435	3/8	3/8-18	13/16	—	2.07	52.6	.97	24.6
G44110-0806	8GLX-6FP	7107-00445	1/2	3/8-18	13/16	—	2.48	63.0	1.00	25.4
G44110-0808	8GLX-8FP	7107-00455	1/2	1/2-14	1	—	2.64	67.1	1.16	29.5
G44110-1212	12GLX-12FL	7107-00465	3/4	3/4-14	1 1/4	—	3.23	82.0	1.22	31.0
G44110-1616	16GLX-16FP	7107-00475	1	1-11 1/2	1 1/2	—	3.86	98.0	1.62	41.1

GLX® - FPX Female NPSM Swivel

Part No.	Descr.	Prod. No.	⊖		H1	H2	L		C	
			"		"	"	"	mm	"	mm
STANDARD PACK										
G44111-0404	4GLX-4FPX	7107-00345	1/4	1/4-18	1/2	11/16	2.24	56.9	1.22	31.0
G44111-0604	6GLX-4FPX	7107-00355	3/8	1/4-18	5/8	11/16	2.40	61.0	1.30	33.0
G44111-0606	6GLX-6FPX	7107-00365	3/8	3/8-18	5/8	7/8	2.49	63.2	1.39	35.3
G44111-0806	8GLX-6FPX	7107-00375	1/2	3/8-18	13/16	7/8	2.85	72.4	1.38	35.1
G44111-0808	8GLX-8FPX	7107-00385	1/2	1/2-14	13/16	1	2.89	73.4	1.41	35.8
G44111-1212	12GLX-12FPX	7107-00395	3/4	3/4-14	1 1/16	1 1/4	3.72	94.5	1.71	43.4
G44111-1616	16GLX-16FPX	7107-00405	1	1-11 1/2	1 3/8	1 1/2	4.11	104.4	1.87	47.5

GLX® - Female JIC 37° Flare Swivel

Part No.	Descr.	Prod. No.	⊖		H1	H2	L		C	
			"		"	"	"	mm	"	mm
STANDARD PACK										
G44170-0404	4GLX-4FJX	7107-00275	1/4	7/16-20	1/2	9/16	2.10	53.3	1.08	27.4

GLX® - Female JIC 37° Flare Swivel - Cont'd

Part No.	Descr.	Prod. No.	⊖		H1	H2	L		C	
			"		"	"	"	mm	"	mm
G44170-0606	6GLX-6FJX	7107-00285	3/8	9/16-18	5/8	3/4	2.31	58.7	1.19	30.2
G44170-0808	8GLX-8FJX	7107-00295	1/2	3/4-16	13/16	7/8	2.82	71.6	1.34	34.0
G44170-1010	10GLX-10FJX	7107-00305	5/8	7/8-14	—	1 1/16	2.27	57.7	1.42	36.0
G44170-1212	12GLX-12FJX	7107-00315	3/4	1 1/16-12	1 1/16	1 1/4	3.68	93.5	1.67	42.4
G44170-1616	16GLX-16FJX	7107-00325	1	1 5/16-1/2	1 3/8	1 1/2	4.17	105.9	1.94	49.3
G44170-2020	20GLX20FJX	7107-00335	1 1/4	1 5/8-12	1 3/4	2	4.58	116.4	2.26	57.4

GLX® - MS 45° SAE Male Solid

Part No.	Descr.	Prod. No.	⊖		H1	H2	L		C	
			"		"	"	"	mm	"	mm
STANDARD PACK										
G44195-0404	4GLX-4MS	7107-00525	1/4	7/16-20	1/2	—	2.11	53.6	1.08	27.4
G44195-0606	6GLX-6MS	7107-00535	3/8	5/8-18	5/8	—	2.38	60.5	1.28	32.5
G44195-0808	8GLX-8MS	7107-00545	1/2	3/4-16	13/16	—	2.89	73.4	1.42	36.1
G44195-1212	12GLX-12MS	7107-00555	3/4	1 1/16-14	1 1/16	—	3.78	96.0	1.77	45.0

GLX® - FSX 45° SAE Female Swivel

Part No.	Descr.	Prod. No.	⊖		H1	H2	L		C	
			"		"	"	"	mm	"	mm
STANDARD PACK										
G44200-0404	4GLX-4FSX	7107-00485	1/4	7/16-20	1/2	—	2.24	56.9	1.22	31.0
G44200-0606	6GLX-6FSX	7107-00495	3/8	5/8-18	5/8	—	2.44	62.0	1.35	34.3
G44200-0808	8GLX-8FSX	7107-00505	1/2	3/4-16	13/16	—	2.82	71.6	1.34	34.0
G44200-1212	12GLX-12FSX	7107-00515	3/4	1 1/16-14	1 1/16	—	3.68	93.5	1.67	42.4

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Notes

(SAE J51, Type A2 Dimensions; SAE J51, Type D Performance; SAE J2064, Type C, Class II Performance).

Features Advantages: Can be crimped with current AC die sets on MC4-20, PC707 and OmniCrimp® 21.
Cover is black synthetic EPDM rubber.
Designed for environmentally safe R134a refrigerants
Meets or exceeds SAE J2064 Type C., Class 2.
Minimizes permeation of both R134a and R12 refrigerants.
Use in automotive air conditioning and industrial systems.

Recommended For: Liquid and gaseous R134a and R12 refrigerants in automotive air conditioning and industrial systems; i.e., tractors, construction trucks, mobile and stationary refrigeration units. Designed to minimize permeation of R134a refrigerant.

Tube: Black, synthetic rubber (Chloroprene - Type A). See Hose Stock Characteristics.

Reinforcement: Two layers of spiral polyester.

Cover: Black synthetic rubber (EPDM). See Hose Stock Characteristics.

Temperature Range: -22°F to +257°F (-30°C to +125°C).

Barrier: Nylon liner.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
For Gates Crimpers or PolarSeal Crimpers
Permanent PolarSeal® (ACA) Couplings

Part No.	Description	Product No.							Standard Pack
85664	6AC134A X25FT	3353-0901	5/16	0.75	500	2,000	2.0	24	1
70624	6AC134AXREEL	3353-0903	5/16	0.75	500	2,000	2.0	24	340
85665	8AC134A X25FT	3353-0906	13/32	0.91	500	2,000	3.0	24	1
70625	8AC134AXREEL	3353-0908	13/32	0.91	500	2,000	3.0	24	235
85666	10AC134A X25FT	3353-0911	1/2	1.00	500	2,000	4.0	24	1
70626	10AC134AXREEL	3353-0913	1/2	1.00	500	2,000	4.0	24	210
85667	12AC134A X25FT	3353-0916	5/8	1.13	500	2,000	5.0	24	1
70627	12AC134AXREEL	3353-0918	5/8	1.13	500	2,000	5.0	24	175

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
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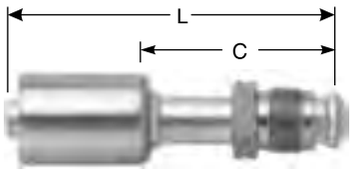
BALL VALVES
KITS

Male SAE 45° Flare

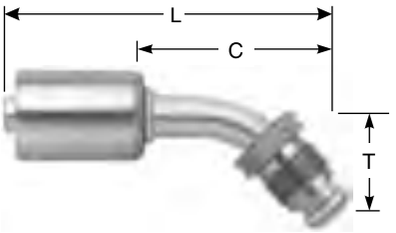
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖ "		L "	C "
STANDARD PACK						
G45195-0606	6ACA-6MS	7332-00015	5/16	5/8-18	3.38	2.13
G45195-0808	8ACA-8MS	7332-00025	13/32	3/4-16	3.50	2.25
G45195-1010	10ACA-10MS	7332-00035	1/2	7/8-14	3.81	2.56
G45195-1212	12ACA-12MS	7332-00045	5/8	1 1/16-14	4.00	2.75

Male SAE 45° Flare - 45° Bent Tube

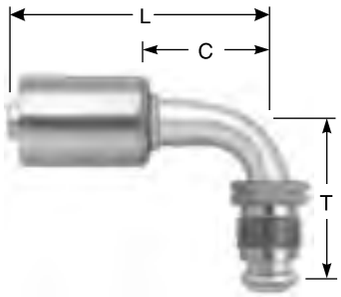
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45196-0606	6ACA-6MS45	7332-00055	5/16	5/8-18	.94	3.25	2.00
G45196-0808	8ACA-8MS45	7332-00065	13/32	3/4-16	1.06	3.50	2.25
G45196-1010	10ACA-10MS45	7332-00075	1/2	7/8-14	1.12	3.87	2.62
G45196-1212	12ACA-12MS45	7332-00085	5/8	1 1/16-14	1.25	4.25	3.00

Male SAE 45° Flare - 90° Bent Tube

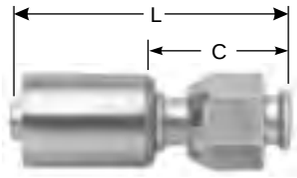
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45197-0606	6ACA-6MS90	7332-00095	5/16	5/8-18	1.75	2.56	1.31
G45197-0808	8ACA-8MS90	7332-00105	13/32	3/4-16	1.81	2.75	1.50
G45197-1010	10ACA-10MS90	7332-00115	1/2	7/8-14	2.19	3.00	1.75
G45197-1212	12ACA-12MS90	7332-00125	5/8	1 1/16-14	2.45	3.25	2.00

Female SAE 45° Flare Swivel

Features Advantages: OEM quality couplings in 64configurations.



Part No.	Descr.	Prod. No.	⊖ "		L "	C "
STANDARD PACK						
G45200-0606	6ACA-6FSX	7332-00135	5/16	5/8-18	2.88	1.63
G45200-0606S	6ACA-6FSX-S	7332-01755	5/16	5/8-18	2.88	1.60
G45200-0608	6ACA-8FSX	7332-00145	5/16	3/4-16	2.69	1.44
G45200-0806	8ACA-6FSX	7332-02825	13/32	5/8-18	2.69	1.44
G45200-0808	8ACA-8FSX	7332-00155	13/32	3/4-16	2.69	1.44
G45200-0808S	8ACA-8FSX-S	7332-01765	13/32	3/4-16	2.69	1.44
G45200-1008	10ACA-8FSX	7332-02835	1/2	3/4-16	3.00	1.75
G45200-1010	10ACA-10FSX	7332-00165	1/2	7/8-14	3.00	1.75
G45200-1010S	10ACA-10FSX-S	7332-01775	1/2	7/8-14	3.00	1.75
G45200-1210	12ACA-10FSX	7332-00175	5/8	7/8-14	3.25	2.00
G45200-1212	12ACA-12FSX	7332-00185	5/8	1 1/16-14	3.25	2.00

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
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BALL VALVES
KITS

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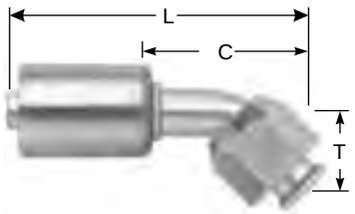
BALL VALVES
KITS

Female SAE 45° Flare Swivel - 45° Bent Tube

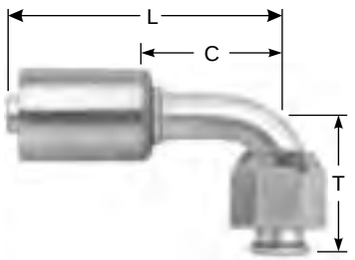
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45202-0606	6ACA-6FSX45	7332-00195	5/16	5/8-18	.56	2.87	1.62
G45202-0608	6ACA-8FSX45	7332-02845	5/16	3/4-16	.63	3.04	1.79
G45202-0806	8ACA-6FSX45	7332-02855	13/32	5/8-18	.63	3.04	1.79
G45202-0808	8ACA-8FSX45	7332-00205	13/32	3/4-16	.63	3.07	1.82
G45202-1008	10ACA-8FSX45	7332-02865	1/2	3/4-16	.88	3.60	2.35
G45202-1010	10ACA-10FSX45	7332-00215	1/2	7/8-14	.88	3.63	2.38
G45202-1210	12ACA-10FSX45	7332-02875	5/8	7/8-14	1.00	3.97	2.72
G45202-1212	12ACA-12FSX45	7332-00225	5/8	1 1/16-14	1.00	4.00	2.75

Female SAE 45° Flare Swivel - 90° Bent Tube

Features Advantages: OEM quality couplings in 64 configurations.

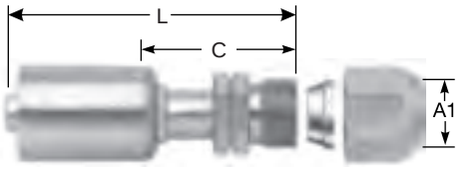


Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45205-0606	6ACA-6FSX90	7332-00235	5/16	5/8-18	1.06	2.56	1.31
G45205-0606S	6ACA-6FSX90-S	7332-01785	5/16	5/8-18	1.06	2.56	1.31
G45205-0608	6ACA-8FSX90	7332-00245	5/16	3/4-16	1.25	2.75	1.50
G45205-0806	8ACA-6FSX90	7332-02885	13/32	5/8-18	1.25	2.75	1.50
G45205-0808	8ACA-8FSX90	7332-00255	13/32	3/4-16	1.25	2.75	1.50
G45205-0808S	8ACA-8FSX90-S	7332-01795	13/32	3/4-16	1.25	2.75	1.50
G45205-1008	10ACA-8FSX90	7332-02895	1/2	3/4-16	1.50	3.00	1.75
G45205-1010	10ACA-10FSX90	7332-00265	1/2	7/8-14	1.50	3.00	1.75
G45205-1010S	10ACA-10FSX90-S	7332-01805	1/2	7/8-14	1.50	3.00	1.75
G45205-1210	12ACA-10FSX90	7332-00275	5/8	7/8-14	1.50	3.25	2.00
G45205-1212	12ACA-12FSX90	7332-00285	5/8	1 1/16-14	1.50	3.85	2.00

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male SAE Flareless Assembly

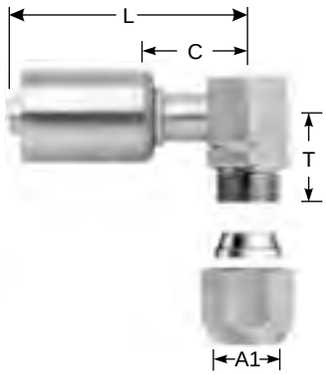
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖ "		A1 "	L "	C "
STANDARD PACK							
G45510-0606	6ACA-6MFA	7332-00295	5/16	5/8-18	.38	2.69	1.44
G45510-0608	6ACA-8MFA	7332-02905	5/16	3/4-16	.50	2.81	1.56
G45510-0806	8ACA-6MFA	7332-02915	13/32	5/8-18	.37	2.75	1.50
G45510-0808	8ACA-8MFA	7332-00305	13/32	3/4-16	.50	2.88	1.63
G45510-0810	8ACA-10MFA	7332-00315	13/32	7/8-14	.63	3.00	1.75
G45510-1008	10ACA-8MFA	7332-00325	1/2	3/4-16	.50	2.94	1.69
G45510-1010	10ACA-10MFA	7332-00335	1/2	7/8-14	.63	3.00	1.75
G45510-1210	12ACA-10MFA	7332-00345	5/8	7/8-14	.63	3.13	1.88
G45510-1212	12ACA-12MFA	7332-00355	5/8	1 1/16-12	.75	3.25	2.00

Male SAE Flareless Assembly - 90° Block

Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖ "		A1 "	T "	L "	C "
STANDARD PACK								
G45511-0606	6ACA-6MFA90	7332-00365	5/16	5/8-18	3/8	.78	2.24	.99
G45511-0608	6ACA-8MFA90	7332-02925	5/16	3/4-16	1/2	.96	2.31	1.06
G45511-0806	8ACA-6MFA90	7332-02935	13/32	5/8-18	3/8	.78	2.28	1.03
G45511-0808	8ACA-8MFA90	7332-00375	13/32	3/4-16	1/2	.96	2.37	1.12
G45511-0810	8ACA-10MFA90	7332-00385	13/32	7/8-14	5/8	1.08	2.43	1.18
G45511-1008	10ACA-8MFA90	7332-00395	1/2	3/4-16	1/2	.96	2.38	1.13
G45511-1010	10ACA-10MFA90	7332-00405	1/2	7/8-14	5/8	1.08	2.44	1.19
G45511-1210	12ACA-10MFA90	7332-00415	5/8	7/8-14	5/8	1.08	2.56	1.31
G45511-1212	12ACA-12MFA90	7332-00425	5/8	1 1/16-12	3/4	1.19	2.66	1.41

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
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POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
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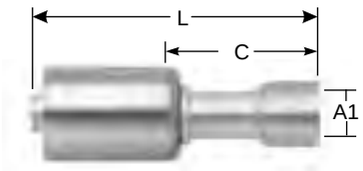
BALL VALVES
KITS

Female Braze-On Stems

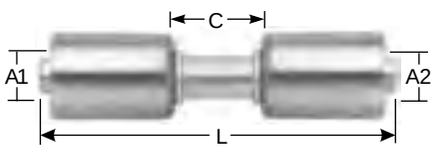
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖	A1	L	C
			"	"	"	"
STANDARD PACK						
G45527-0606	6ACA-6FBO	7332-02945	3/8	3/8	2.10	.85
G45527-0606S	6ACA-6FBO-S	7332-01905	5/16	3/8	2.10	.85
G45527-0808	8ACA-8FBO	7332-02955	13/32	1/2	2.10	.85
G45527-0808S	8ACA-8FBO-S	7332-01915	13/32	1/2	2.10	.85
G45527-1010	10ACA-10FBO	7332-02965	1/2	5/8	2.10	.85
G45527-1010S	10ACA-10FBO-S	7332-01925	1/2	2/3	2.10	.85
G45527-1210	12ACA-10FBO	7332-02975	5/8	5/8	2.10	.85
G45527-1210S	12ACA-10FBO-S	7332-01945	5/8	3/4	2.10	.85
G45527-1212	12ACA-12FBO	7332-02985	5/8	3/4	2.10	.85
G45527-1212S	12ACA-12FBO-S	7332-01935	5/8	2/3	2.10	.85

Hose Length Extender

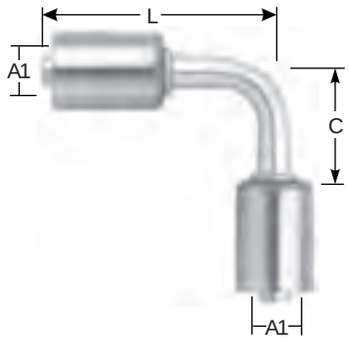
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	A1	A2	L	C
					"	"
STANDARD PACK						
G45535-0606	6ACA-6HLE	7332-01385	5/16	5/16	4.00	1.50
G45535-0608	6ACA-8HLE	7332-01395	5/16	13/32	4.00	1.50
G45535-0808	8ACA-8HLE	7332-01405	13/32	13/32	4.00	1.50
G45535-0810	8ACA-10HLE	7332-01415	13/32	1/2	4.13	1.63
G45535-1010	10ACA-10HLE	7332-01425	1/2	1/2	4.13	1.63
G45535-1210	12ACA-10HLE	7332-02995	1/2	5/8	4.25	1.75
G45535-1212	12ACA-12HLE	7332-01435	5/8	5/8	4.25	1.75

Hose Length Extender - 90° Bent Tube

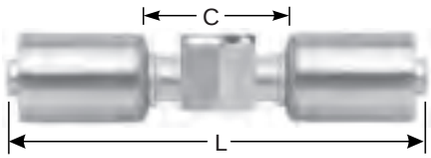
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	A1	L	C
			"	"	"
STANDARD PACK					
G45537-0606	6ACA-6HLE90	7332-01445	5/16	2.50	1.25
G45537-0808	8ACA-8HLE90	7332-01455	13/32	2.62	1.37
G45537-1010	10ACA-10HLE90	7332-01465	1/2	2.88	1.63
G45537-1212	12ACA-12HLE90	7332-01475	5/8	3.25	2.00

Hose Length Extender with Sight Glass

Features Advantages: OEM quality couplings in 64 configurations.



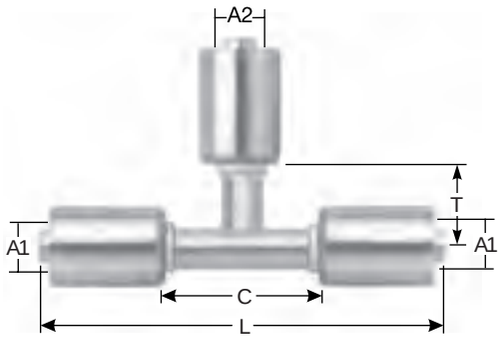
Part No.	Descr.	Prod. No.		L	C
			"	"	"
STANDARD PACK					
G45538-0606	6ACA-6HLESG	7332-01485	5/16	4.12	1.62

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Hose Length Extender - Tee

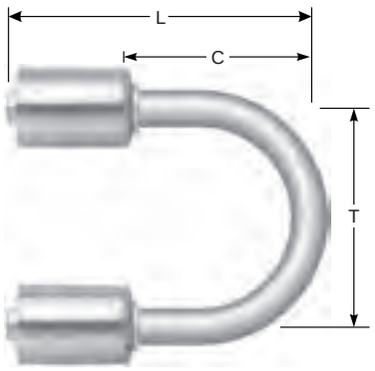
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖		T	L	C
			A1	A2	"	"	"
STANDARD PACK							
G45539-0606	6ACA-6HLET	7332-02295	5/16	5/16	1.13	4.75	2.25
G45539-0808	8ACA-8HLET	7332-02305	13/32	13/32	1.19	4.88	2.38
G45539-1010	10ACA-10HLET	7332-02315	1/2	1/2	1.25	5.00	2.50
G45539-1210	12ACA-10HLET	7332-03015	5/8	1/2	1.34	5.25	2.75
G45539-1212	12ACA-12HLET	7332-02325	5/8	5/8	1.37	5.25	2.75

Hose Length Extender - 180° Bent Tube

Features Advantages: OEM quality couplings in 64 configurations.

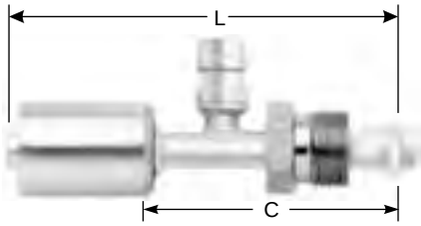


Part No.	Descr.	Prod. No.	⊖	T	L	C
			"	"	"	"
STANDARD PACK						
G45541-0606	6ACA-6HLE180	7332-02255	5/16	3.00	3.88	2.63
G45541-0808	8ACA-8HLE180	7332-02265	13/32	3.00	4.00	2.75
G45541-1010	10ACA-10HLE180	7332-02275	1/2	3.00	4.13	2.88
G45541-1212	12ACA-12HLE180	7332-02285	5/8	3.00	4.50	3.25

Male SAE Tube O-Ring Nut Swivel with R134a Service Port

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.

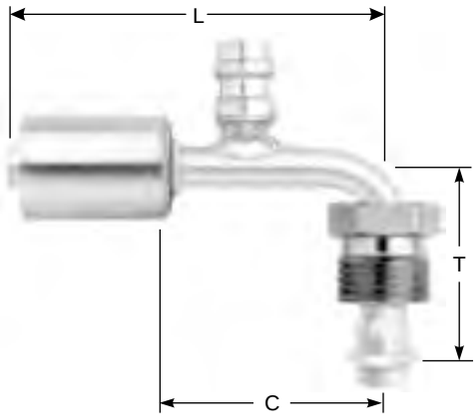


Part No.	Descr.	Prod. No.	⊖		L	C
			"		"	"
STANDARD PACK						
G45580-0606	6ACA-6MTON134SP	7332-03025	5/16	5/8-18	3.35	2.10
G45580-0808	8ACA-8MTON134SP	7332-03035	13/32	3/4-18	3.35	2.10
G45580-1010	10ACA-10MTON134SP	7332-03045	1/2	7/8-18	3.59	2.34
G45580-1212	12ACA-12MTON134SP	7332-03055	5/8	1 1/16-12	3.72	2.47

Male SAE Tube O-Ring Nut Swivel with R134a Service Port - 90° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64configurations.



Part No.	Descr.	Prod. No.	⊖		T	L	C
			"		"	"	"
STANDARD PACK							
G45582-1010	10ACA-10MTON134SP90	7332-02585	1/2	7/8-18	1.50	3.85	2.60

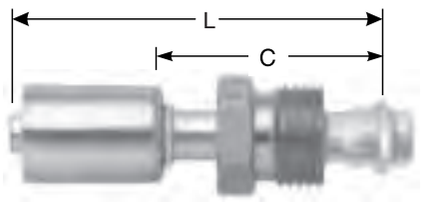
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male SAE Tube O-Ring Nut Swivel

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.

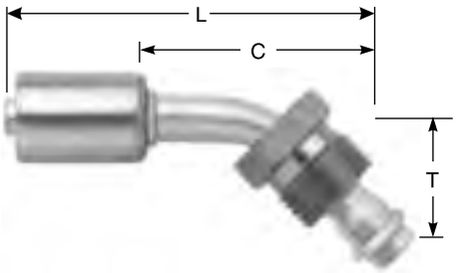


Part No.	Descr.	Prod. No.	⊖ "		L "	C "
STANDARD PACK						
G45583-0606	6ACA-6MTON	7332-00435	5/16	5/8-18	3.19	1.94
G45583-0606S	6ACA-6MTON-S	7332-01285	5/16	5/8-18	3.19	1.94
G45583-0607	6ACA-7MTON	7332-02115	5/16	11/16-16	3.00	1.75
G45583-0607S	6ACA-7MTON-S	7332-02125	5/16	11/16-16	3.00	1.75
G45583-0608	6ACA-8MTON	7332-03065	5/16	3/4-18	3.25	2.00
G45583-0806	8ACA-6MTON	7332-03075	13/16	5/8-18	3.25	2.00
G45583-0808	8ACA-8MTON	7332-00445	13/32	3/4-18	3.25	2.00
G45583-1010	10ACA-10MTON	7332-00455	1/2	7/8-18	3.38	2.13
G45583-1010S	10ACA-10MTON-S	7332-01865	1/2	7/8-18	3.38	2.13
G45583-1210	12ACA-10MTON	7332-03085	5/8	7/8-18	3.88	2.63
G45583-1212	12ACA-12MTON	7332-00465	5/8	1 1/16-12	3.88	2.63

Male SAE Tube O-Ring Nut - 45° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.



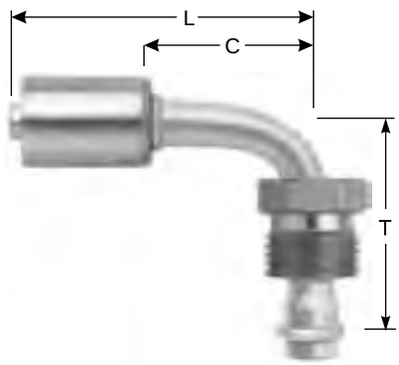
Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45584-0606	6ACA-6MTON45	7332-00475	5/16	5/8-18	.88	3.19	1.94
G45584-0608	6ACA-8MTON45	7332-03095	5/16	3/4-18	1.00	3.47	2.22
G45584-0806	8ACA-6MTON45	7332-03105	13/32	5/8-18	1.00	3.47	2.22
G45584-0808	8ACA-8MTON45	7332-00485	13/32	3/4-18	1.00	3.44	2.19
G45584-1010	10ACA-10MTON45	7332-00495	1/2	7/8-18	1.06	3.81	2.56
G45584-1212	12ACA-12MTON45	7332-00505	5/8	1 1/16-12	1.19	4.19	2.94

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male SAE Tube O-Ring Nut - 90° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.

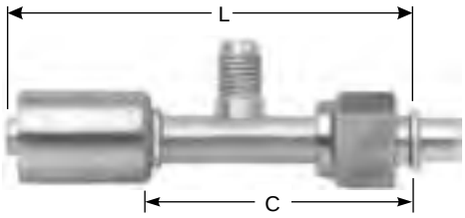


Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45585-0606	6ACA-6MTON90	7332-00515	5/16	5/8-18	1.63	2.56	1.31
G45585-0606S	6 MOR/LP-6 SB-90-STL	7332-01295	5/16	5/8-18	1.63	2.56	1.31
G45585-0607	6ACA-7MTON90	7332-03115	5/16	11/16-16	1.56	2.56	1.31
G45585-0608	6ACA-8MTON90	7332-03125	5/16	3/4-18	1.88	2.75	1.50
G45585-0806	8ACA-6MTON90	7332-03135	13/16	5/8-18	1.88	2.75	1.50
G45585-0808	8ACA-8MTON90	7332-00525	13/32	3/4-18	1.88	2.75	1.50
G45585-1010	10ACA-10MTON90	7332-00535	1/2	7/8-18	2.12	3.00	1.75
G45585-1010S	10ACA-10MTON90-S	7332-01875	1/2	7/8-18	2.12	3.00	1.75
G45585-1210	12ACA-10MTON90	7332-03145	5/8	7/8-18	2.25	3.25	2.00
G45585-1212	12ACA-12MTON90	7332-00545	5/8	1 1/16-12	2.25	3.25	2.00

Female SAE Tube O-Ring Nut Swivel with R12 Service Port

O-Ring not included. Must be ordered separately.Service Ports: High Side; 6-8 Hose; 3/8" Schrader ValveService Ports: Low Side; 10-12 Hose; 1/4" Schrader Valve

Features Advantages: OEM quality couplings in 64 configurations.



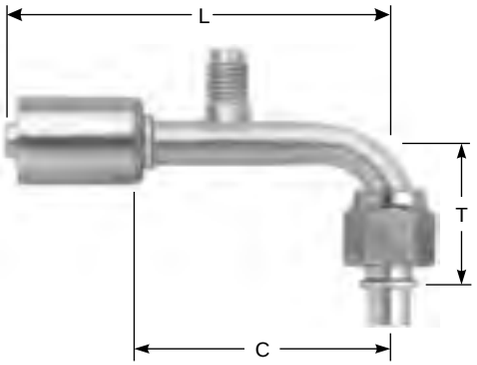
Part No.	Descr.	Prod. No.	⊖ "		L "	C "
STANDARD PACK						
G45586-0606	6ACA-6FTONR12SP	7332-01985	5/16	5/8-18	3.38	2.13
G45586-0808	8ACA-8FTONR12SP	7332-01995	13/32	3/4-16	3.38	2.13
G45586-1010	10ACA-10FTONR12SP	7332-02005	1/2	7/8-14	3.62	2.37

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female SAE Tube O-Ring Nut Swivel with R12 Service Port - 90° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.

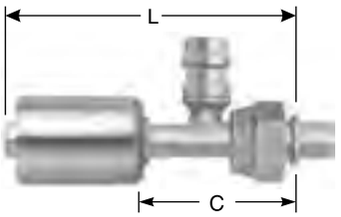


Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45587-0606	6ACA-6FTONR12SP90	7332-02015	5/16	5/8-18	1.12	3.62	2.37
G45587-0808	8ACA-8FTONR12SP90	7332-02025	13/32	3/4-16	1.31	3.62	2.37
G45587-1010	10ACA-10FTONR12SP90	7332-02035	1/2	7/8-14	1.50	3.88	2.63
G45587-1210	12ACA-10FTONR12SP90	7332-02045	5/8	7/8-14	1.75	4.19	2.94

Female SAE Tube O-Ring Nut Swivel with R134a Service Port

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.



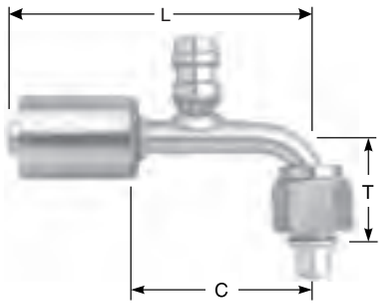
Part No.	Descr.	Prod. No.	⊖ "		L "	C "
STANDARD PACK						
G45588-0606	6ACA-6FTON134SP	7332-00555	5/16	5/8-18	3.38	2.13
G45588-0808	8ACA-8FTON134SP	7332-00565	13/32	3/4-16	3.38	2.13
G45588-0808S	8ACA-8FTON134SP-S	7332-02685	13/16	3/4-16	3.30	2.05
G45588-1010	10ACA-10FTON134SP	7332-00575	1/2	7/8-14	3.62	2.37
G45588-1010S	10ACA-10FTON134SP-S	7332-02695	1/2	7/8-14	3.62	2.37
G45588-1210	12ACA-10FTON134SP	7332-00585	5/8	7/8-14	3.75	2.50

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female SAE Tube O-Ring Nut Swivel with R134a Service Port - 90° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.

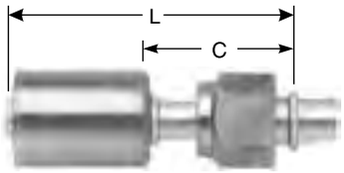


Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45589-0606	6ACA-6FTON134SP90	7332-00595	5/16	5/8-18	1.12	3.62	2.37
G45589-0606S	6ACA-6FTON134SP90-S	7332-02075	5/16	5/8-18	1.12	3.62	2.37
G45589-0808	8ACA-8FTON134SP90	7332-00605	13/32	3/4-14	1.31	3.62	2.37
G45589-0808S	8ACA-8FTON134SP90-S	7332-01705	13/32	3/4-16	1.50	3.62	2.37
G45589-1010	10ACA-10FTON134SP90	7332-00615	1/2	7/8-14	1.50	3.88	2.63
G45589-1010S	10ACA-10FTON134SP90-S	7332-01715	1/2	7/8-14	1.75	3.88	2.63
G45589-1210	12ACA-10FTON134SP90	7332-00625	5/8	7/8-14	1.75	4.19	2.94
G45589-1210S	12ACA-10FTON134SP90-S	7332-02085	5/8	7/8-14	1.75	4.19	2.94

Female SAE Tube O-Ring Nut Swivel

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖ "		L "	C "
STANDARD PACK						
G45590-0605	6ACA-5FTON*	7332-00635	5/16	9/16-18	2.81	1.56
G45590-0606	6ACA-6FTON	7332-00645	5/16	5/8-18	2.88	1.63
G45590-0606S	6ACA-6FTON-S	7332-01275	5/16	5/8-18	2.88	1.63
G45590-0608	6ACA-8FTON	7332-00655	5/16	3/4-16	3.00	1.75
G45590-0806	8ACA-6FTON	7332-03165	13/32	5/8-18	3.00	1.75
G45590-0808	8ACA-8FTON	7332-00665	13/32	3/4-16	3.00	1.75
G45590-0808S	8ACA-8FTON-S	7332-01645	13/32	3/4-16	3.00	1.75
G45590-1008	10ACA-8FTON	7332-01505	1/2	3/4-16	3.19	1.94
G45590-1010	10ACA-10FTON	7332-00675	1/2	7/8-14	3.19	1.94
G45590-1010S	10ACA-10FTON-S	7332-01655	1/2	7/8-14	3.19	1.94
G45590-1012	10ACA-12FTON	7332-01515	1/2	1 1/16-14	3.31	2.06

** Standard and Metric threads are equivalent for 6ACA-14FTOMN and 6ACA-5FTON.^Used on Toyota Receivers/ Dryers.*

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

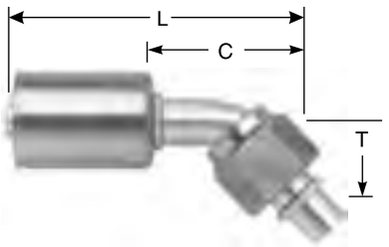
Female SAE Tube O-Ring Nut Swivel - Cont'd

Part No.	Descr.	Prod. No.	⊖ "		L "	C "
G45590-1210	12ACA-10FTON	7332-00685	5/8	7/8-14	3.31	2.06
G45590-1210S	12ACA-10FTON-S	7332-01815	5/8	1 1/16-14	3.31	2.06
G45590-1212	12ACA-12FTON	7332-00695	5/8	1 1/16-14	3.31	2.06
G45590-1212S	12ACA-12FTON-S	7332-03175	5/8	1 1/16-14	3.31	2.06

Female SAE Tube O-Ring Nut Swivel - 45° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45591-0606	6ACA-6FTON45	7332-00705	5/16	5/8-18	.56	2.87	1.52
G45591-0606S	6ACA-6FTON45-S	7332-01665	5/16	5/8-18	.56	2.87	1.52
G45591-0806	8ACA-6FTON45	7332-03185	13/32	5/8-18	.63	3.04	1.79
G45591-0808	8ACA-8FTON45	7332-00715	13/32	3/4-16	.63	3.07	1.82
G45591-0808S	8ACA-8FTON45-S	7332-02055	13/32	3/4-16	.63	3.07	1.82
G45591-1008	10ACA-8FTON45	7332-03195	1/2	3/4-16	.88	3.60	2.35
G45591-1010	10ACA-10FTON45	7332-00725	1/2	7/8-14	.88	3.63	2.38
G45591-1010S	10ACA-10FTON45-S	7332-01675	1/2	7/8-14	.88	3.63	2.38
G45591-1210	12ACA-10FTON45	7332-03205	5/8	7/8-14	.94	3.91	2.66
G45591-1212	12ACA-12FTON45	7332-00735	5/8	1 1/16-14	.94	3.94	2.69

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
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BARBED STEM
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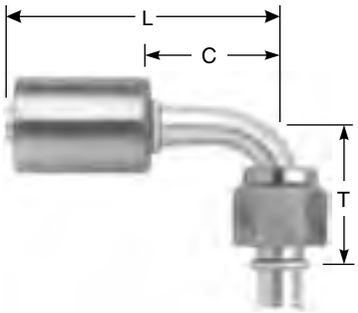
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female SAE Tube O-Ring Nut Swivel - 90° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.



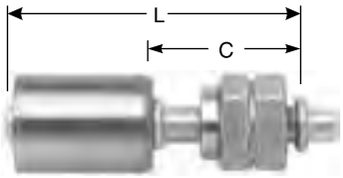
Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45592-0605	6ACA-5FTON90*	7332-00745	5/16	9/16-18	1.12	2.75	1.63
G45592-0606	6ACA-6FTON90	7332-00755	5/16	5/8-18	1.12	2.56	1.31
G45592-0606S	6ACA-6FTON90-S	7332-01305	5/16	5/8-18	1.12	2.56	1.31
G45592-0608	6ACA-8FTON90	7332-00765	5/16	3/4-16	1.31	2.75	1.50
G45592-0806	8ACA-6FTON90	7332-03155	13/32	5/8-18	1.31	2.75	1.50
G45592-0808	8ACA-8FTON90	7332-00775	13/32	3/4-16	1.31	2.75	1.50
G45592-0808S	8ACA-8FTON90-S	7332-01685	13/32	3/4-16	1.31	2.75	1.50
G45592-1008	10ACA-8FTON90	7332-01545	1/2	3/4-16	1.50	3.00	1.75
G45592-1010	10ACA-10FTON90	7332-00785	1/2	7/8-14	1.50	3.00	1.75
G45592-1010S	10ACA-10FTON90-S	7332-01695	1/2	7/8-14	1.50	3.00	1.75
G45592-1012	10ACA-12FTON90	7332-01555	1/2	1 1/16-14	1.75	3.25	2.00
G45592-1210	12ACA-10FTON90	7332-00795	5/8	7/8-14	1.75	3.25	2.00
G45592-1210S	12ACA-10FTON90-S	7332-01825	5/8	7/8-14	1.50	3.25	2.00
G45592-1212	12ACA-12FTON90	7332-00805	5/8	1 1/16-14	1.75	3.25	2.00

** Used on Toyota Receivers/ Dryers.*

Female SAE Tube O-Ring Metric Nut Swivel

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖ "		L "	C "
STANDARD PACK						
G45593-0616	6ACA-16FTOMN	7332-00815	5/16	M16X1.5	2.81	1.56
G45593-0618	6ACA-18FTOMN	7332-03215	5/16	M18X1.5	2.87	1.62
G45593-0620	6ACA-20FTOMN	7332-03225	5/16	M20X1.5	2.94	1.69
G45593-0820	8ACA-20FTOMN	7332-03235	13/32	M20X1.5	2.94	1.69
G45593-1022	10ACA-22FTOMN	7332-00825	1/2	M22X1.5	3.19	1.94
G45593-1024	10ACA-24FTOMN	7332-00835	1/2	M24X2.0	3.19	1.94

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
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POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

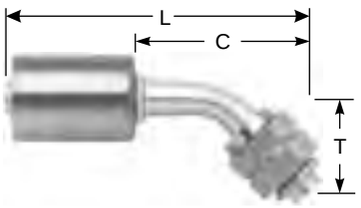
Female SAE Tube O-Ring Metric Nut Swivel - Cont'd

Part No.	Descr.	Prod. No.	⊖ "		L "	C "
G45593-1227	12ACA-27FTOMN	7332-00845	5/8	M27X2.0	3.31	2.06

Female SAE Tube O-Ring Metric Nut Swivel - 45° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.

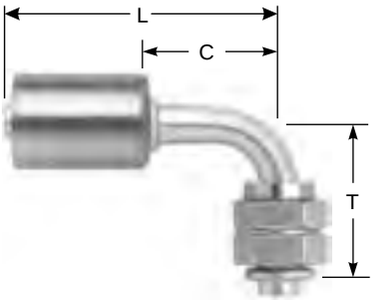


Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45594-0614	6ACA-14FTOMN45	7332-03245	5/16	M14X1.5	.63	3.47	2.22
G45594-0616	6ACA-16FTOMN45	7332-03255	5/16	M16X1.5	.63	3.47	2.22
G45594-0618	6ACA-18FTOMN45	7332-03265	5/16	M18X1.5	.69	3.53	2.28
G45594-0620	6ACA-20FTOMN45	7332-03275	5/16	M20X1.5	.75	3.72	2.47
G45594-0820	8ACA-20FTOMN45	7332-03285	13/32	M20X1.5	.75	3.72	2.47
G45594-1022	10ACA-22FTOMN45	7332-03295	1/2	M22X1.5	.88	3.60	2.35
G45594-1024	10ACA-24FTOMN45	7332-03305	1/2	M24X2.0	.88	3.60	2.35
G45594-1227	12ACA-27FTOMN45	7332-03315	5/8	M27X2.0	1.00	4.59	3.34

Female SAE Tube O-Ring Metric Nut Swivel - 90° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45595-0616	6ACA-16FTOMN90	7332-00855	5/16	M16X1.5	1.12	2.75	1.50
G45595-0618	6ACA-18FTOMN90	7332-03325	5/16	M18X1.5	1.12	2.75	1.50
G45595-0620	6ACA-20FTOMN90	7332-03335	5/16	M20X1.5	1.25	2.75	1.50
G45595-0820	8ACA-20FTOMN90	7332-03345	13/32	M20X1.5	1.37	2.94	1.69
G45595-1022	10ACA-22FTOMN90	7332-00865	1/2	M22X1.5	1.63	3.13	1.88

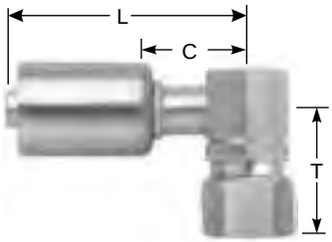
Female SAE Tube O-Ring Metric Nut Swivel - 90° Bent Tube - Cont'd

Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
G45595-1024	10ACA-24FTOMN90	7332-00875	1/2	M24X2.0	1.50	3.13	1.88
G45595-1227	12ACA-27FTOMN90	7332-00885	5/8	M27X2.0	1.75	3.38	2.13

Female SAE Tube O-Ring Nut Swivel - 90° Block

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.

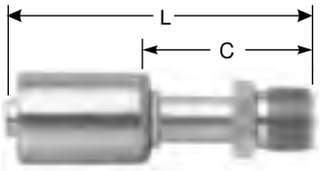


Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45596-0808S	8ACA-8FTON90BL-S	7332-01835	13/32	3/4-16	.71	2.44	1.19
G45596-1010S	10ACA-10FTON90BL-S	7332-01845	1/2	7/8-14	.71	2.50	1.25
G45596-1210S	12ACA-10FTON90BL-S	7332-01855	5/8	7/8-14	.71	2.62	1.37

Male Inverted O-Ring

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64configurations.



Part No.	Descr.	Prod. No.	⊖ "		L "	C "
STANDARD PACK						
G45597-0606	6ACA-6MIO	7332-00895	5/16	5/8-18	2.94	1.69
G45597-0606S	6ACA-6MIO-S	7332-01885	5/16	5/8-18	2.94	1.69
G45597-0808	8ACA-8MIO	7332-00905	13/32	3/4-18	3.13	1.88
G45597-0808S	8ACA-8MIO-S	7332-01895	13/32	3/4-18	3.13	1.88
G45597-1010	10ACA-10MIO	7332-00915	1/2	7/8-14	3.62	2.37
G45597-1010S	10ACA-10MIO-S	7332-03355	1/2	7/8-14	3.62	2.37
G45597-1212	12ACA-12MIO	7332-00925	5/8	1 1/16-14	3.88	2.63

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
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LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
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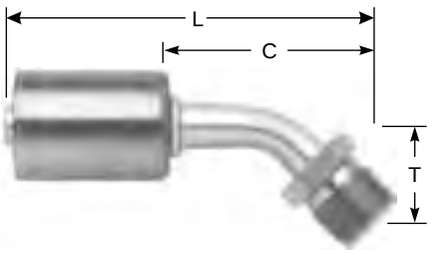
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Inverted O-Ring - 45° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.

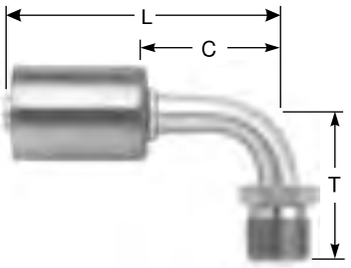


Part No.	Descr.	Prod. No.	⊖		T	L	C
			"		"	"	"
STANDARD PACK							
G45598-0606	6ACA-6MIO45	7332-03365	5/16	5/8-18	.75	3.03	1.78
G45598-0808	8ACA-8MIO45	7332-03375	13/32	3/4-18	1.00	3.41	2.16
G45598-1010	10ACA-10MIO45	7332-03385	1/2	7/8-14	1.25	3.97	2.72

Male Inverted O-Ring - 90° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64configurations.

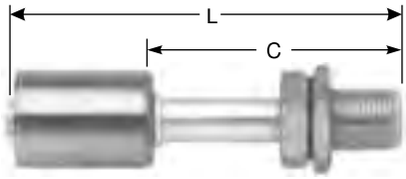


Part No.	Descr.	Prod. No.	⊖		T	L	C
			"		"	"	"
STANDARD PACK							
G45599-0606	6ACA-6MIO90	7332-00935	5/16	5/8-18	1.50	2.56	1.31
G45599-0808	8ACA-8MIO90	7332-00945	13/32	3/4-18	1.75	2.75	1.50
G45599-1010	10ACA-10MIO90	7332-00955	1/2	7/8-14	2.00	3.00	1.75

Male Inverted O-Ring Bulkhead

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.

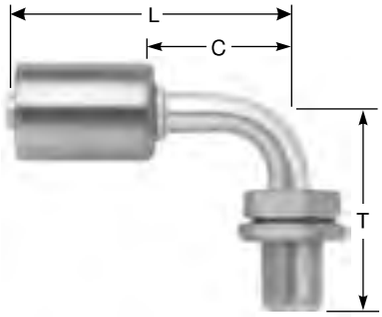


Part No.	Descr.	Prod. No.	⊖ "		L "	C "
STANDARD PACK						
G45600-0606	6ACA-6MIOBKHD	7332-00965	5/16	5/8-18	4.00	2.75
G45600-0808	8ACA-8MIOBKHD	7332-00975	13/32	3/4-18	4.25	3.00
G45600-1010	10ACA-10MIOBKHD	7332-00985	1/2	7/8-14	4.44	3.19

Male Inverted O-Ring Bulkhead - 90° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45602-0606	6ACA-6MIOBKHD90	7332-00995	5/16	5/8-18	2.12	3.13	1.88
G45602-0808	8ACA-8MIOBKHD90	7332-01005	13/32	3/4-18	2.44	3.25	2.00
G45602-1010	10ACA-10MIOBKHD90	7332-01015	1/2	7/8-14	2.50	3.50	2.25

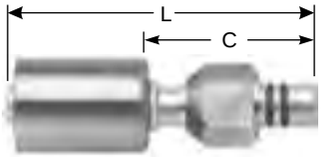
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female SAE Tube Dual O-Ring Nut

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.

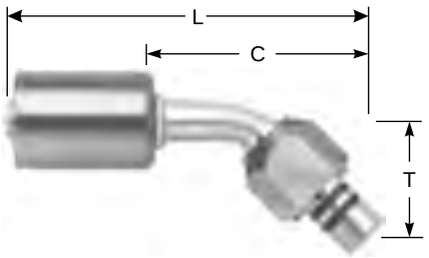


Part No.	Descr.	Prod. No.	⊖ "		L "	C "
STANDARD PACK						
G45604-0808	8ACA-8FTDON	7332-03395	13/32	13/16-16	3.55	2.30
G45604-1010	10ACA-10FTDON	7332-03405	1/2	15/16-16	3.79	2.54
G45604-1212	12ACA-12FTDON	7332-03415	5/8	1 1/16-14	3.96	2.71

Female SAE Tube Dual O-Ring Nut - 45° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.

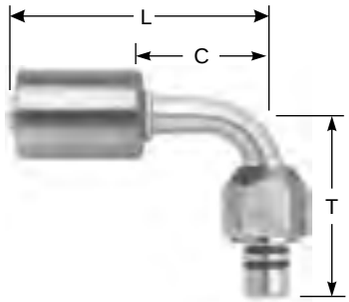


Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45605-0808	8ACA-8FTDON45	7332-03425	13/32	13/16-16	1.02	3.43	2.18
G45605-1010	10ACA-10FTDON45	7332-03435	1/2	15/16-16	1.30	4.02	2.77
G45605-1212	12ACA-12FTDON45	7332-03445	5/8	1 1/16-14	1.40	4.37	3.12

Female SAE Tube Dual O-Ring Nut - 90° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.

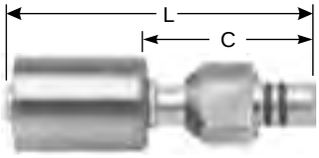


Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45606-0808	8ACA-8FTDON90	7332-03455	13/32	13/16-16	1.86	2.75	1.50
G45606-1010	10ACA-10FTDON90	7332-03465	1/2	15/16-16	1.91	3.00	1.75
G45606-1212	12ACA-12FTDON90	7332-03475	5/8	1 1/16-14	2.40	3.25	2.00

Female SAE Tube Dual O-Ring Metric Nut

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖ "		L "	C "
STANDARD PACK						
G45607-0824	8ACA-24FTDOMN	7332-03485	13/32	M24X2.0	3.55	2.30
G45607-1024	10ACA-24FTDOMN	7332-03495	1/2	M24X2.0	3.79	2.54
G45607-1227	12ACA-27FTDOMN	7332-03505	5/8	M27X2.0	3.96	2.71

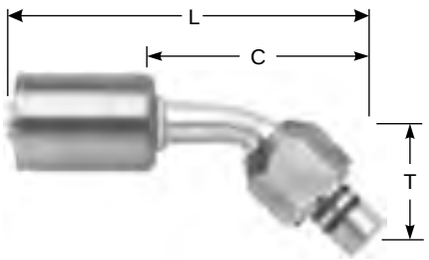
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female SAE Tube Dual O-Ring Metric Nut - 45° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.

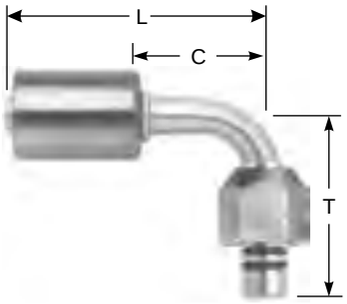


Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45608-0824	8ACA-24FTDOMN45	7332-03515	13/32	M24X2.0	1.02	3.43	2.18
G45608-1024	10ACA-24FTDOMN45	7332-03525	1/2	M24X2.0	1.30	4.02	2.77
G45608-1227	12ACA-27FTDOMN45	7332-03535	5/8	M27X2.0	1.40	4.37	3.12

Female SAE Tube Dual O-Ring Metric Nut - 90° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.

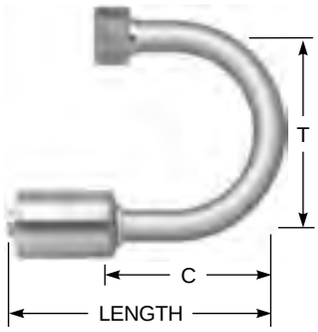


Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45609-0824	8ACA-24FTDOMN90	7332-03545	13/16	M24X2.0	1.86	2.75	1.50
G45609-1024	10ACA-24FTDOMN90	7332-03555	1/2	M24X2.0	1.91	3.00	1.75
G45609-1227	12ACA-27FTDOMN90	7332-03565	5/8	M27X2.0	2.40	3.25	2.00

Female SAE Tube O-Ring Nut - 180° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.

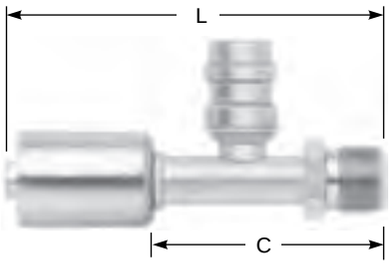


Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45610-0606	6ACA-6FTON180	7332-03575	5/16	5/8-18	1.63	3.50	2.25
G45610-0808	8ACA-8FTON180	7332-03585	13/16	3/4-16	1.75	3.50	2.25
G45610-1212	12ACA-12FTON180	7332-03595	5/8	1 1/16-14	2.12	4.50	3.25

Male Inverted O-Ring with R134a Service Port

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖ "		L "	C "
STANDARD PACK						
G45611-0606	6ACA-6MIO134SP	7332-03605	5/16	5/8-18	3.47	2.22
G45611-0808	8ACA-8MIO134SP	7332-03615	13/32	3/4-18	4.22	2.97
G45611-1010	10ACA-10MIO134SP	7332-03625	1/2	7/8-14	4.22	2.97
G45611-1212	12ACA-12MIO134SP	7332-03635	5/8	1 1/16-14	4.47	3.22

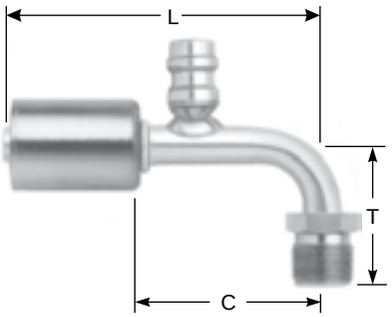
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Inverted O-Ring with R134a Service Port - 90° Bent Tube

O-Ring not included. Must be ordered separately.

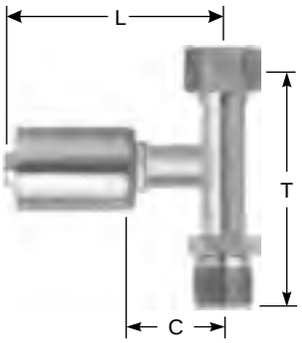
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45613-0606	6ACA-6MIO134SP90	7332-03645	5/16	5/8-18	1.50	3.59	2.34
G45613-0808	8ACA-8MIO134SP90	7332-03655	13/32	3/4-16	1.80	3.59	2.34
G45613-1010	10ACA-10MIO134SP90	7332-03665	1/2	7/8-14	2.00	3.85	2.60

Universal Tee O-Ring Splicer English Threads

Features Advantages: OEM quality couplings in 64configurations.

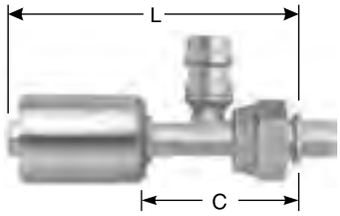


Part No.	Descr.	Prod. No.	⊖ "		T "	L "	C "
STANDARD PACK							
G45614-0606	6ACA-6TORSP	7332-03675	5/16	5/8-18	2.47	2.50	1.25
G45614-0608	6ACA-8TORSP	7332-03685	5/16	3/4-16	2.97	2.62	1.37
G45614-1010	10ACA-10TORSP	7332-03695	1/2	7/8-14	3.53	2.75	1.50
G45614-1012	10ACA-12TORSP	7332-03705	1/2	1 1/16-14	4.10	2.94	1.69

Female SAE Tube O-Ring Nut Swivel with R134a High Pressure Service Port

O-Ring not included. Must be ordered separately.

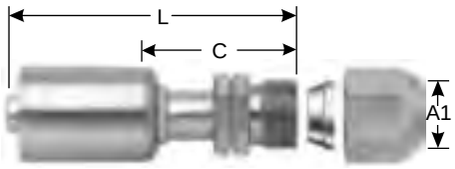
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖ "		L "	C "
STANDARD PACK						
G45688-1010	10ACA-10FTON134SPH	7332-04245	1/2	7/8-14	3.62	2.37

Male Metric Flareless Assembly

Features Advantages: OEM quality couplings in 64 configurations.



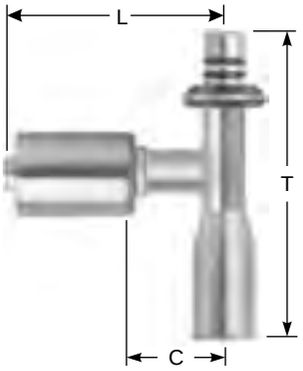
Part No.	Descr.	Prod. No.	⊖ "		A1 mm	L "	C "
STANDARD PACK							
G45935-0608	6ACA-8MMFA	7332-01025	5/16	5/8-18	8.0	2.77	1.52
G45935-0812	8ACA-12MMFA	7332-01035	13/32	3/4-16	12.0	3.00	1.75
G45935-1015	10ACA-14.5MMFA	7332-01045	1/2	7/8-14	14.5	3.12	1.87

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female (Ford) Spring Lock Tee O-Ring Splicer

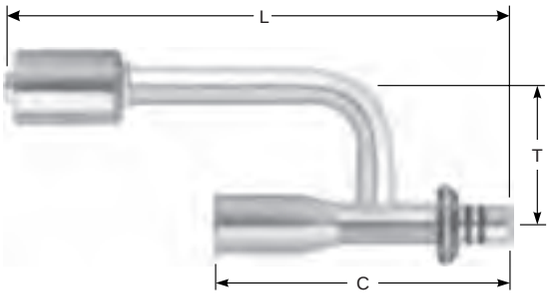
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖	T	L	C
			"	"	"	"
STANDARD PACK						
G45947-0608	6ACA-8FSLTORSP	7332-03735	5/16	1.72	5.13	3.88
G45947-1012	10ACA-12FSLTORSP	7332-03775	1/2	1.97	5.62	4.37

Female (Ford) Spring Lock Liquid Line Splicer

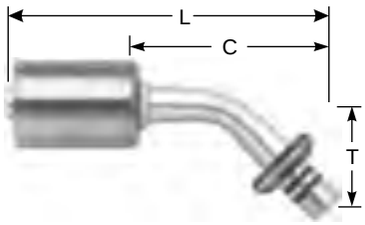
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖	T	L	C
			"	"	"	"
STANDARD PACK						
G45948-0608	6ACA-8FSLSP	7332-03715	5/16	1.75	5.13	3.88

Male (Ford) Spring Lock - 45° Bent Tube

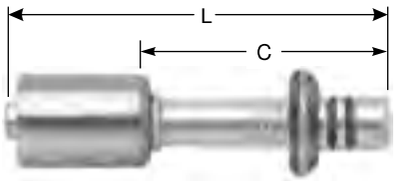
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖	T	L	C
			"	"	"	"
STANDARD PACK						
G45949-0606	6ACA-6MSL45	7332-03725	5/16	1.25	3.97	2.72
G45949-0608	6ACA-8MSL45	7332-03745	5/16	1.31	4.09	2.84
G45949-0808	8ACA-8MSL45	7332-03755	13/32	1.31	4.09	2.84
G45949-1010	10ACA-10MSL45	7332-03765	1/2	1.63	4.48	3.23
G45949-1210	12ACA-10MSL45	7332-03785	5/8	1.63	4.48	3.23
G45949-1212	12ACA-12MSL45	7332-03795	5/8	1.75	4.72	3.47

Male (Ford) Spring Lock

Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖	L	C
			"	"	"
STANDARD PACK					
G45950-0606	6ACA-6MSL	7332-01055	5/16	3.81	2.56
G45950-0608	6ACA-8MSL	7332-01575	5/16	3.88	2.63
G45950-0808	8ACA-8MSL	7332-01065	13/32	3.88	2.63
G45950-1010	10ACA-10MSL	7332-01075	1/2	4.00	2.75
G45950-1210	12ACA-10MSL	7332-01585	5/8	4.00	2.75
G45950-1212	12ACA-12MSL	7332-01085	5/8	4.25	3.00

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
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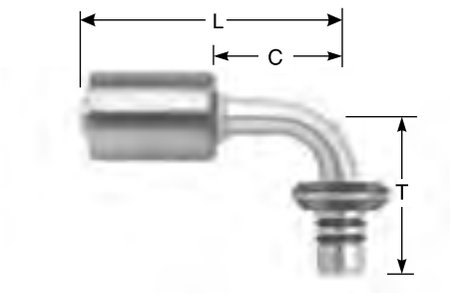
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male (Ford) Spring Lock - 90° Bent Tube

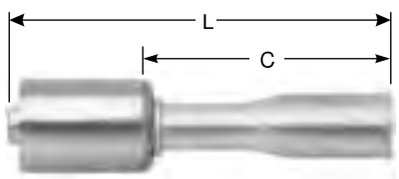
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖	T	L	C
			"	"	"	"
STANDARD PACK						
G45951-0606	6ACA-6MSL90	7332-02135	5/16	2.19	2.88	1.63
G45951-0608	6ACA-8MSL90	7332-02185	5/16	2.38	3.12	1.88
G45951-0808	8ACA-8MSL90	7332-02145	13/32	2.38	2.94	1.69
G45951-1010	10ACA-10MSL90	7332-02155	1/2	2.50	1.95	1.89
G45951-1210	12ACA-10MSL90	7332-02175	5/8	2.50	3.13	1.89
G45951-1212	12ACA-12MSL90	7332-02165	5/8	2.38	3.69	2.44

Female (Ford) Spring Lock

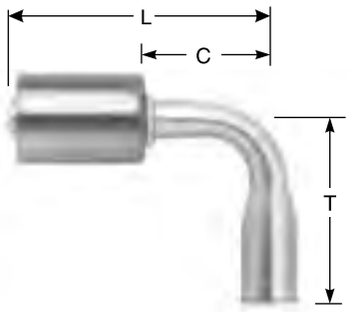
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖	L	C
			"	"	"
STANDARD PACK					
G45952-0606	6ACA-6FSL	7332-01095	5/16	3.81	2.56
G45952-0608	6ACA-8FSL	7332-01595	5/16	3.85	2.59
G45952-0808	8ACA-8FSL	7332-01105	13/32	3.88	2.63
G45952-1010	10ACA-10FSL	7332-01115	1/2	4.13	2.88
G45952-1210	12ACA-10FSL	7332-01605	5/8	4.28	3.10
G45952-1212	12ACA-12FSL	7332-01125	5/8	4.25	3.00

Female (Ford) Spring Lock - 90° Bent Tube

Features Advantages: OEM quality couplings in 64 configurations.

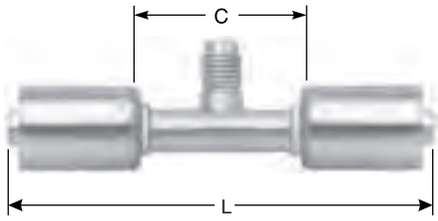


Part No.	Descr.	Prod. No.	⊖	T	L	C
			"	"	"	"
STANDARD PACK						
G45953-0606	6ACA-6FSL90	7332-02195	5/16	2.19	2.88	1.63
G45953-0608	6ACA-8FSL90	7332-02245	5/16	2.38	3.12	1.88
G45953-0808	8ACA-8FSL90	7332-02205	13/32	2.38	2.94	1.69
G45953-1010	10ACA-10FSL90	7332-02215	1/2	2.50	3.13	1.89
G45953-1210	12ACA-10FSL90	7332-02235	5/8	2.50	3.13	1.89
G45953-1212	12ACA-12FSL90	7332-02225	5/8	3.20	3.69	2.44

Hose Splicer with R12 Thread Service Port

Service Ports: High Side; 6-8 Hose; 3/8" Schrader ValveService Ports: Low Side; 10-12 Hose; 1/4" Schrader Valve

Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖	L	C
			"	"	"
STANDARD PACK					
G45954-0606	6ACA-R12SP	7332-01135	5/16	4.50	2.00
G45954-0808	8ACA-R12SP	7332-01145	13/32	4.50	2.00
G45954-1010	10ACA-R12SP	7332-01155	1/2	4.63	2.13
G45954-1212	12ACA-R12SP	7332-01165	5/8	4.75	2.25

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
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SURELOK
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COMPRESSION AIR BRAKE
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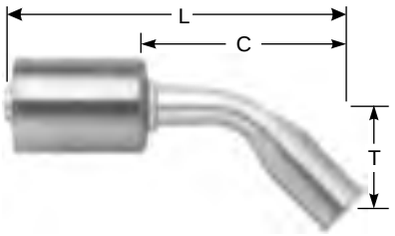
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female (Ford) Spring Lock - 45° Bent Tube

Features Advantages: OEM quality couplings in 64 configurations.

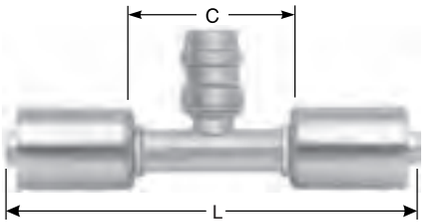


Part No.	Descr.	Prod. No.	⊖	T	L	C
			"	"	"	"
STANDARD PACK						
G45955-0606	6ACA-6FSL45	7332-03805	5/16	1.31	4.03	2.78
G45955-0608	6ACA-8FSL45	7332-03815	5/16	1.37	4.15	2.90
G45955-0808	8ACA-8FSL45	7332-03825	13/32	1.37	4.15	2.90
G45955-1010	10ACA-10FSL45	7332-03835	1/2	1.69	4.54	3.29
G45955-1210	12ACA-10FSL45	7332-03845	5/8	1.75	4.60	3.35
G45955-1212	12ACA-12FSL45	7332-03855	5/8	1.75	4.72	3.47

Hose Splicer with R134a Service Port

Service Ports: High Side; 6-8 Hose; 3/8" Schrader ValveService Ports: Low Side; 10-12 Hose; 1/4" Schrader Valve

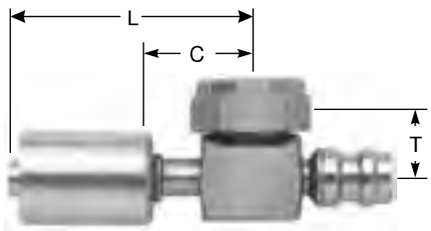
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⊖	L	C
			"	"	"
STANDARD PACK					
G45956-0606	6ACA-R134SP	7332-01175	5/16	4.50	2.00
G45956-0606S	6ACA-R134SP-S	7332-01955	5/16	4.50	2.00
G45956-0808	8ACA-R134SP	7332-01185	13/32	4.50	2.00
G45956-0808S	8ACA-R134SP-S	7332-01965	13/32	4.50	2.00
G45956-1010	10ACA-R134SP	7332-01195	1/2	4.63	2.13
G45956-1010S	10ACA-R134SP-S	7332-01975	1/2	4.63	2.13
G45956-1212	12ACA-R134SP	7332-01205	5/8	4.75	2.25
G45956-1212S	12ACA-R134SP-S	7332-03005	5/8	4.75	2.25

Female Rotalok (Compressor Connection) with R134a Service Port - 90° Block

Features Advantages: OEM quality couplings in 64 configurations.

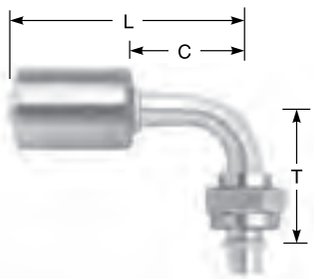


Part No.	Descr.	Prod. No.	⊖		T	L	C
			"		"	"	"
STANDARD PACK							
G45957-0816	8ACA-R134SP-RL	7332-01215	13/32	1-14	.78	2.45	1.20
G45957-1016	10ACA-R134SP-RL	7332-01225	1/2	1-14	.78	2.51	1.26

Compressor Female SAE Tube O-Ring Nut Swivel - 90° Bent Tube

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64configurations.



Part No.	Descr.	Prod. No.	⊖		T	L	C
			"		"	"	"
STANDARD PACK							
G45958-0810S	8ACA-10CFTON90-S	7332-02335	13/32	1-14	1.50	3.01	1.42
G45958-1210S	12ACA-10CFTON90-S	7332-02065	5/8	1-14	1.63	3.18	1.60

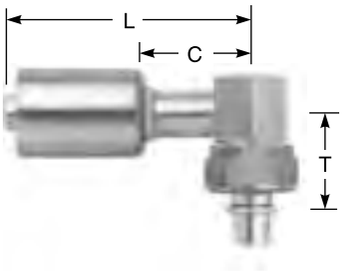
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Compressor Female SAE Tube O-Ring Nut Swivel - 90° Block

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64 configurations.

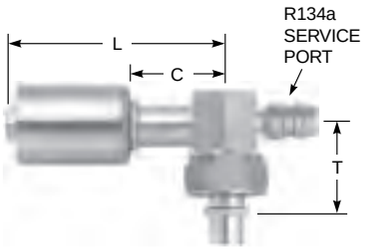


Part No.	Descr.	Prod. No.	⊖		T	L	C
			"		"	"	"
STANDARD PACK							
G45959-0810S	8ACA-10CFTON90BL-S	7332-02095	13/32	1-14	.80	3.02	1.43
G45959-1210S	12ACA-10CFTON90BL-S	7332-02105	5/8	1-14	.80	3.14	1.55

Compressor Female Tube O-Ring Nut with 134a Service Port - 90° Block

O-Ring not included. Must be ordered separately.

Features Advantages: OEM quality couplings in 64configurations.



Part No.	Descr.	Prod. No.	⊖		T	L	C
			"		"	"	"
STANDARD PACK							
G45960-0810S	8ACA-10CFTON134SP90BL-S	7332-03865	13/32	1-14	.78	2.45	1.20
G45960-1010S	10ACA-10CFTON134SP90BL-S	7332-03875	1/2	1-14	.78	2.51	1.26
G45960-1210S	12ACA-10CFTON134SP90BL-S	7332-02755	5/8	1-14	.78	2.67	1.42

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
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C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Compressor Block - Single w/Switch or Service Port - 90° Bent Tube

Features Advantages: OEM quality couplings in 64 configurations.

Part No.	Descr.	Prod. No.	⊖		T	L	C
			"		"	"	"
STANDARD PACK							
G45961-0808	8ACA-8CBSR12SP90	7332-03935	13/32	3/4-16	1.31	3.62	2.37
G45961-1008	10ACA-8CBSR12SP90	7332-03945	1/2	3/4-16	1.31	3.88	2.63
G45961-1208	12ACA-8CBSR12SP90	7332-03955	5/8	3/4-16	1.31	4.17	2.94

Compressor Block - Single Reverse w/Switch or Service Port - 90° Bent Tube

Features Advantages: OEM quality couplings in 64 configurations.

Part No.	Descr.	Prod. No.	⊖		T	L	C
			"		"	"	"
STANDARD PACK							
G45962-0808	8ACA-8CBSRR12SP90	7332-03965	13/32	3/4-16	1.31	3.62	2.37
G45962-1008	10ACA-8CBSRR12SP90	7332-03975	1/2	3/4-16	1.31	3.88	2.63
G45962-1208	12ACA-8CBSRR12SP90	7332-03985	5/8	3/4-16	1.31	4.17	2.94

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

R12 Ferrules

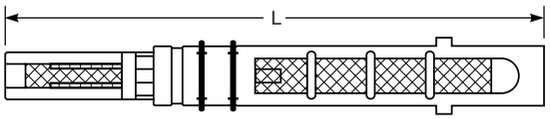
Features Advantages: OEM quality couplings in 64 configurations.

Part No.	Descr.	Prod. No.
STANDARD PACK		
83930	6PCACF	7334-71305
83931	8PCACF	7334-71315
83932	10PCACF	7334-71325
83933	12PCACF	7334-71335

Inline Orifice Tube

Description: The orifice tube is found on an accumulator air conditioning system. It is the dividing point between high and low pressure sides of the refrigeration system. The orifice tube filters and restricts high-pressure refrigerant in the liquid line and meters refrigerant flow as a low-pressure liquid. It is located in the refrigerant line between the condenser outlet and the evaporator inlet. The tube should be replaced any time the air conditioning system is opened for service.

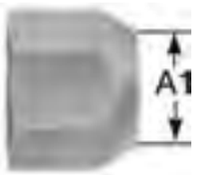
Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.	⌀	L	
			"	"	mm
STANDARD PACK					
G46010-0072	IOT-WHITE	7332-02775	.072	3.50	88.9
G46010-1072	IOT-BLACK	7332-02815	.072	3.50	88.9
G46011-0057	IOT-ORANGE	7332-02795	.057	3.50	88.9
G46011-0062	IOT-RED	7332-02805	.062	3.50	88.9
G46011-0072	IOT-BLUE	7332-02785	.072	3.50	88.9

Female Flareless Nut

Features Advantages: OEM quality couplings in 64 configurations.



Part No.	Descr.	Prod. No.		⌀ A1
				"
STANDARD PACK				
G46050-0006	6ACFFN	7332-04135	5/8-18	3/8
G46050-0008	8ACFFN	7332-04145	3/4-16	1/2
G46050-0010	10ACFFN	7332-04155	7/8-14	5/8
G46050-0012	12ACFFN	7332-04165	1 1/16-14	3/4

Female Flareless Sleeve

Features Advantages: OEM quality couplings in 64 configurations.

Part No.	Descr.	Prod. No.	A1
			"
STANDARD PACK			
G46051-0006	6ACFFS	7332-04175	3/8
G46051-0008	8ACFFS	7332-04185	1/2
G46051-0010	10ACFFS	7332-04195	5/8
G46051-0012	12ACFFS	7332-04205	3/4

Metric Female Flareless Sleeve

Features Advantages: OEM quality couplings in 64 configurations.

Part No.	Descr.	Prod. No.	
			mm
STANDARD PACK			
G46052-0008	8ACMFFS	7332-04215	8.0
G46052-0012	12ACMFFS	7332-04225	12.0
G46052-0014	14.5ACMFFS	7332-04235	14.5

Accumulator/Compressor Sealing Washer

Features Advantages: OEM quality couplings in 64 configurations.

Part No.	Descr.	Prod. No.	
			"
STANDARD PACK			
G46090-0012	12ACMW	7332-04005	3/4
G46091-0010	10CPWTN	7332-04015	5/8
G46091-0012	12CPWTN	7332-04025	3/4

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
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C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Accumulator/Compressor Sealing Washer - Cont'd

Part No.	Descr.	Prod. No.	⊖ "
G46092-0010	10CPWTK	7332-04035	5/8

Valve Core

Features Advantages: OEM quality couplings in 64 configurations.

Part No.	Descr.	Prod. No.	
STANDARD PACK			
G46093-0000	.210VC	7332-04045	.210x36

Valve Cap for R12 Service Port

Features Advantages: OEM quality couplings in 64 configurations.

Part No.	Descr.	Prod. No.	
STANDARD PACK			
G46094-0004	4R12CAP	7332-04055	7/16-20

Red High Side Cap R134a Port

Features Advantages: OEM quality couplings in 64configurations.

Part No.	Descr.	Prod. No.	
STANDARD PACK			
G46095-0008	8HS134CAP	7332-04115	8

Blue Low Side Cap R314a Port

Features Advantages: OEM quality couplings in 64 configurations.

Part No.	Descr.	Prod. No.	
STANDARD PACK			
G46096-0008	8LS134CAP	7332-04125	8

O-Ring for Switch

Features Advantages: OEM quality couplings in 64 configurations.

Part No.	Descr.	Prod. No.	⊖ "
STANDARD PACK			
G46097-0006	6SWOR	7332-04065	3/8

O-Rings for PolarSeal® Couplings

Features Advantages: OEM quality couplings in 64 configurations.

Part No.	Descr.	Prod. No.	⊖ "	W "
STANDARD PACK				
G46098-0006	6ACOR	7332-01235	.30	.07
G46098-0008	8ACOR	7332-01245	.43	.07
G46098-0010	10ACOR	7332-01255	.55	.07
G46098-0012	12ACOR	7332-01265	.68	.07

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
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SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
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C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

O-Ring for Ford Spring Lock

Features Advantages: OEM quality couplings in 64 configurations.

Part No.	Descr.	Prod. No.	⊖ "
STANDARD PACK			
G46099-0006	6FSLOR	7332-04075	3/8
G46099-0008	8FSLOR	7332-04085	1/2
G46099-0010	10FSLOR	7332-04095	5/8
G46099-0012	12FSLOR	7332-04105	3/4

PolarSeal® II Hose & Couplings

Features Advantages: No crimper is needed to make assemblies. The specialized coupling and clamp combination is designed to be installed right on the equipment. Clamps are color coded for quick size identification; -6
Reduced barrier hose construction designed to be installed with PolarSeal® II couplings and clamp. Meets SAE J2064 Type C, Class 1. For use with R12, R13A and R22 refrigerants.

Recommended For: AC systems on School/Transit Busses, RV's, Limos and other heavy equipment that has long run or hard to service AC lines.

Tube: Elastomeric

Reinforcement: Fabric Braid

Cover: Heat, Moisture and Ozone resistant Elastomeric cover.

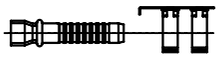
Temperature Range: -22°F to +257°F (-30°C to +125°C).

Barrier: Nylon liner.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):
PolarSeal® II Coupling

Part No.	Description	Product No.	⊖					Standard Pack
71090	6ACC-PSIIXREEL	3353-5006	5/16	0.62	350	1,750	1 1/2	500
85384	6ACC-PSIIX50	3353-5007	5/16	0.62	350	1,750	1 1/2	50
71091	8ACC-PSIIXREEL	3353-5008	13/32	0.74	350	1,750	2	500
85385	8ACC-PSIIX50	3353-5009	13/32	0.74	350	1,750	2	50
71092	10ACC-PSIIXREEL	3353-5010	1/2	0.83	350	1,750	2 1/2	300
85386	10ACC-PSIIX50	3353-5011	1/2	0.83	350	1,750	2 1/2	50
71093	12ACC-PSIIXREEL	3353-5012	5/8	0.96	350	1,750	3	250
85387	12ACC-PSIIX50	3353-5013	5/8	0.96	350	1,750	3	50
71094	16ACC-PSIIXREEL	3353-5016	7/8	1.23	350	1,750	1 3/8	100
85388	16ACC-PSIIX50	3353-5017	7/8	1.23	350	1,750	1 3/8	50

Weld On Hose End



Part No.	Descr.	Prod. No.	⊖ "
STANDARD PACK			
G46527-0606	6ACC-6FBO	7332-51165	5/16
G46527-0808	8ACC-8FBO	7332-51175	13/32
G46527-1010	10ACC-10FBO	7332-51185	1/2
G46527-1212	12ACC-12FBO	7332-51195	5/8
G46527-1216	12ACC-16FBO	7332-51205	5/8

Splicer

Part No.	Descr.	Prod. No.	⊖ "
STANDARD PACK			
G46535-0606	6ACC-6HLE	7332-50915	5/16
G46535-0808	8ACC-8HLE	7332-50925	13/32
G46535-1010	10ACC-10HLE	7332-50935	1/2
G46535-1212	12ACC-12HLE	7332-50945	5/8

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
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SURELOK
HOSE CUTTERS & TOOLS
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AIR BRAKE HOSE ASSEMBLIES
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BARBED STEM
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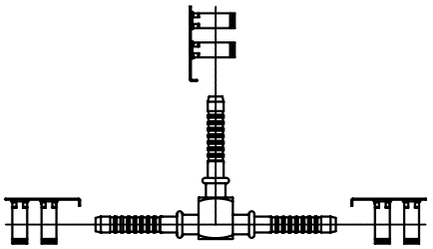
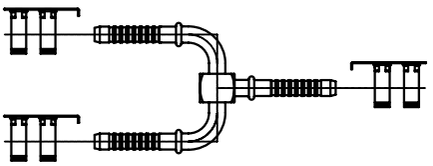
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

T Splicer



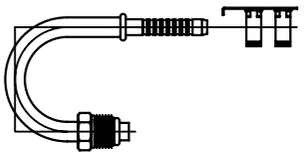
Part No.	Descr.	Prod. No.	⊖ "	⊖ "
STANDARD PACK				
G46539-0606	6ACC-6HLET	7332-51085	5/16	5/16
G46539-0808	8ACC-8HLET	7332-51095	13/32	13/32
G46539-1010	10ACC-10HLET	7332-51105	1/2	1/2
G46539-1212	12ACC-12HLET	7332-51115	5/8	5/8
G46539-1616	16ACC-16HLET	7332-51125	7/8	7/8

Y Splicer



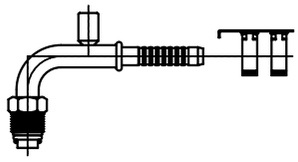
Part No.	Descr.	Prod. No.	⊖ "	⊖ "
STANDARD PACK				
G46542-0808	8ACC-8HLEY	7332-51135	13/32	13/32
G46542-1010	10ACC-10HLEY	7332-51145	1/2	1/2
G46542-1212	12ACC-12HLEY	7332-51155	5/8	5/8

Male O-Ring (MOR) - 180°



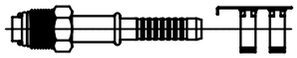
Part No.	Descr.	Prod. No.	⊖ "
STANDARD PACK			
G46578-0606	6ACC-6MTON180	7332-50895	5/16
G46578-1010	10ACC-10MTON180	7332-50905	5/8

Male O-Ring (MOR) with Switch or Service Port - 90°



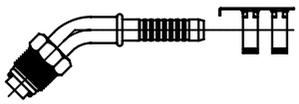
Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G46582-0808H	8ACC-8MTON90134SWPH	7332-50695	13/32	3/4-16

Male O-Ring (MOR)



Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G46583-0606	6ACC-6MTON	7332-50525	5/16	5/8-18
G46583-0806	8ACC-6MTON	7332-50585	13/32	5/8-18
G46583-0808	8ACC-8MTON	7332-50535	13/32	3/4-16
G46583-1010	10ACC-10MTON	7332-50545	1/2	7/8-14
G46583-1210	12ACC-10MTON	7332-50595	5/8	7/8-14
G46583-1212	12ACC-12MTON	7332-50565	5/8	1 1/16-14
G46583-1610	16ACC-10MTON	7332-50555	7/8	7/8-14
G46583-1612	16ACC-12MTON	7332-50575	7/8	1 1/16-14

Male O-Ring (MOR) - 45°



Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G46584-0606	6ACC-6MTON45	7332-50605	5/16	5/8-18
G46584-1210	12ACC-10MTON45	7332-50615	5/8	7/8-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
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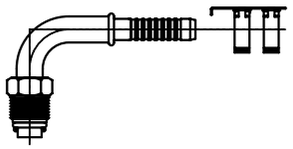
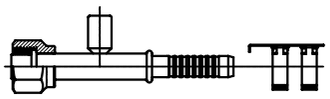
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male O-Ring (MOR) - 90°



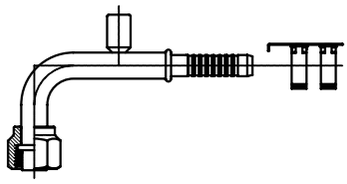
Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G46585-0606	6ACC-6MTON90	7332-50625	5/16	5/8-18
G46585-0806	8ACC-6MTON90	7332-50665	13/32	5/8-18
G46585-0808	8ACC-8MTON90	7332-50635	13/32	3/4-16
G46585-1008	10ACC-8MTON90	7332-50675	1/2	3/4-16
G46585-1010	10ACC-10MTON90	7332-50645	1/2	7/8-14
G46585-1210	12ACC-10MTON90	7332-50685	5/8	7/8-14
G46585-1212	12ACC-12MTON90	7332-50655	5/8	1 1/16-14

Straight Female O-Ring (FOR) with Switch or Service Port



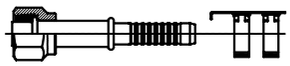
Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G46588-0808H	8ACC-8FTON134SPH	7332-50135	13/32	3/4-16
G46588-0808P	8ACC-8FTONSWP	7332-50125	13/32	3/4-16
G46588-1008H	10ACC-8FTON134SPH	7332-50195	1/2	3/4-16
G46588-1010L	10ACC-10FTON134SPL	7332-50145	1/2	7/8-14
G46588-1210L	12ACC-10FTON134SPL	7332-50205	5/8	7/8-14
G46588-1210M	12ACC-10FTONMSWP	7332-50215	5/8	7/8-14
G46588-1212L	12ACC-12FTON134SPL	7332-50175	5/8	1 1/16-14
G46588-1212M	12ACC-12FTONMSWP	7332-50185	5/8	1 1/16-14
G46588-1212P	12ACC-12FTONSWP	7332-50165	5/8	1 1/16-14
G46588-1610L	16ACC-10FTON134SPL	7332-50155	7/8	7/8-14

Female O-Ring (FOR) with Switch or Service Port - 90°



Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G46589-0608H	6ACC-8FTON134SPH90	7332-50505	5/16	3/4-16
G46589-0808H	8ACC-8FTON134SPH90	7332-50415	13/32	3/4-16
G46589-0808P	8ACC-8FTONSWP90	7332-50405	13/32	3/4-16
G46589-1008H	10ACC-8FTON134SPH90	7332-50485	1/2	3/4-16
G46589-1008P	10ACC-8FTONSWP90	7332-50475	1/2	3/4-16
G46589-1010H	10ACC-10FTON134SPH90	7332-50445	1/2	7/8-14
G46589-1010L	10ACC-10FTON134SPL90	7332-50425	1/2	7/8-14
G46589-1010M	10ACC-10FTONMSWP90	7332-50435	1/2	7/8-14
G46589-1210L	12ACC-10FTON134SPL90	7332-50515	3/4	7/8-14
G46589-1210P	12ACC-10FTONMSWP90	7332-50495	3/4	7/8-14
G46589-1212M	12ACC-12FTONMSWP90	7332-50465	3/4	1 1/16-14
G46589-1212P	12ACC-12FTONSWP90	7332-50455	3/4	1 1/16-14

Straight Female O-Ring



Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G46590-0606	6ACC-6FTON	7332-50015	5/16	5/8-18
G46590-0608	6ACC-8FTON	7332-50105	5/16	3/4-16
G46590-0806	8ACC-6FTON	7332-50075	13/32	5/8-18
G46590-0808	8ACC-8FTON	7332-50025	13/32	3/4-16
G46590-0810	8ACC-10FTON	7332-50115	13/32	7/8-14
G46590-1008	10ACC-8FTON	7332-50085	1/2	3/4-16
G46590-1010	10ACC-10FTON	7332-50035	1/2	7/8-14
G46590-1210	12ACC-10FTON	7332-50095	5/8	7/8-14
G46590-1212	12ACC-12FTON	7332-50055	5/8	1 1/16-14
G46590-1610	16ACC-10FTON	7332-50045	7/8	7/8-14
G46590-1612	16ACC-12FTON	7332-50065	7/8	1 1/16-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
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GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
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POLARSEAL II COUPLINGS
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BALL VALVES
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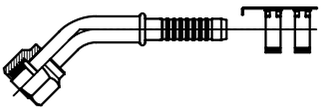
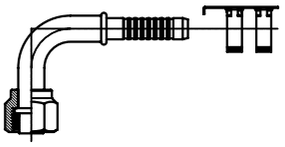
Female O-Ring (FOR) - 45°



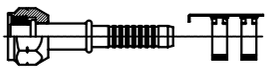
Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G46591-0606	6ACC-6FTON45	7332-50225	5/16	5/8-18
G46591-0808	8ACC-8FTON45	7332-50235	13/32	3/4-16
G46591-1008	10ACC-8FTON45	7332-50275	1/2	3/4-16
G46591-1010	10ACC-10FTON45	7332-50245	1/2	7/8-14
G46591-1210	12ACC-10FTON45	7332-50285	5/8	7/8-14
G46591-1212	12ACC-12FTON45	7332-50255	5/8	1 1/16-14
G46591-1612	16ACC-12FTON45	7332-50265	7/8	1 1/16-14

Female O-Ring (FOR) - 90°



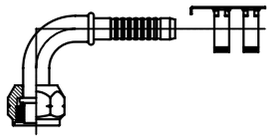
Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G46592-0606	6ACC-6FTON90	7332-50295	5/16	5/8-18
G46592-0608	6ACC-8FTON90	7332-50385	5/16	3/4-16
G46592-0806	8ACC-6FTON90	7332-50355	13/32	5/8-18
G46592-0808	8ACC-8FTON90	7332-50305	13/32	3/4-16
G46592-0810	8ACC-10FTON90	7332-50395	13/32	7/8-14
G46592-1008	10ACC-8FTON90	7332-50365	1/2	3/4-16
G46592-1010	10ACC-10FTON90	7332-50315	1/2	7/8-14
G46592-1210	12ACC-10FTON90	7332-50375	5/8	7/8-14
G46592-1212	12ACC-12FTON90	7332-50335	5/8	1 1/16-14
G46592-1610	16ACC-10FTON90	7332-50325	7/8	7/8-14
G46592-1612	16ACC-12FTON90	7332-50345	7/8	1 1/16-14

Metric Female O-Ring (FOR)



Part No.	Descr.	Prod. No.	⊖ "	⊖ "	
STANDARD PACK					
G46593-0820	8ACC-20FTOMN	7332-51215	8	13/32	M20X1.5
G46593-1027	10ACC-27FTOMN	7332-51225	10	1/2	M27X2

Metric Female O-Ring (FOR) - 90°

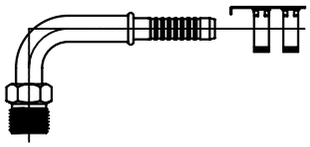


Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G46595-0618	6ACC-18FTOMN90	7332-51235	5/16	M18X1.5
G46595-0820	8ACC-20FTOMN90	7332-51245	13/32	M20X1.5
G46595-1227	12ACC-27FTOMN90	7332-51255	5/8	M27X2

Male Insert O-Ring (MIO)

Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G46597-0606	6ACC-6MIO	7332-50795	5/16	5/8-18
G46597-0806	8ACC-6MIO	7332-50815	13/32	5/8-18
G46597-0808	8ACC-8MIO	7332-50805	13/32	3/4-16
G46597-1210	12ACC-10MIO	7332-50825	5/8	7/8-14

Male Insert O-Ring (MIO) - 90°



Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G46599-0606	6ACC-6MIO90	7332-50835	5/16	5/8-18
G46599-0806	8ACC-6MIO90	7332-50865	13/32	5/8-18
G46599-0808	8ACC-8MIO90	7332-50845	13/32	3/4-16
G46599-1008	10ACC-8MIO90	7332-50875	1/2	3/4-16
G46599-1010	10ACC-10MIO90	7332-50855	1/2	7/8-14
G46599-1210	12ACC-10MIO90	7332-50885	5/8	7/8-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
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BALL VALVES
KITS

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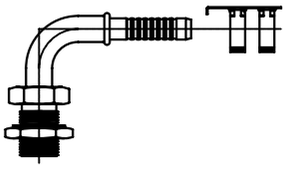
KITS

Male Insert O-Ring (MIO) Bulkhead

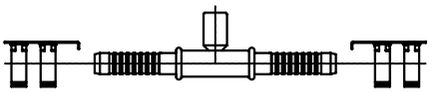
Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G46600-0606	6ACC-6MIOBKHD	7332-50705	5/16	5/8-18
G46600-0808	8ACC-8MIOBKHD	7332-50715	13/32	3/4-16
G46600-1010	10ACC-10MIOBKHD	7332-50725	1/2	7/8-14
G46600-1210	12ACC-10MIOBKHD	7332-50745	5/8	7/8-14
G46600-1612	16ACC-12MIOBKHD	7332-50735	7/8	1 1/16-14

Male Insert O-Ring (MIO) Bulkhead - 90°



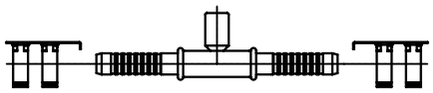
Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G46602-0606	6ACC-6MIOBKHD90	7332-50755	5/16	5/8-18
G46602-0808	8ACC-8MIOBKHD90	7332-50765	13/32	3/4-16
G46602-1010	10ACC-10MIOBKHD90	7332-50775	1/2	7/8-14
G46602-1210	12ACC-10MIOBKHD90	7332-50785	5/8	7/8-14

Splicer with Switch or Service Port



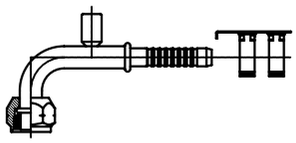
Part No.	Descr.	Prod. No.	⊖ "	⊖ "
STANDARD PACK				
G46956-0606H	6ACC-6HLE134SPH	7332-50965	5/16	5/16
G46956-0606P	6ACC-6HLESWP	7332-50955	5/16	5/16
G46956-0808H	8ACC-8HLE134SPH	7332-50985	13/32	13/32
G46956-0808M	8ACC-8HLEMSWP	7332-50995	13/32	13/32
G46956-0808P	8ACC-8HLESWP	7332-50975	13/32	13/32
G46956-1010H	10ACC-10HLE134SPH	7332-51035	1/2	1/2
G46956-1010L	10ACC-10HLE134SPL	7332-51015	1/2	1/2
G46956-1010M	10ACC-10HLEMSWP	7332-51025	1/2	1/2
G46956-1010P	10ACC-10HLESWP	7332-51005	1/2	1/2
G46956-1212L	12ACC-12HLE134SPL	7332-51055	5/8	5/8
G46956-1212M	12ACC-12HLEMSWP	7332-51065	5/8	5/8

Splicer with Switch or Service Port - continued



Part No.	Descr.	Prod. No.	⊖ "	⊖ "
STANDARD PACK				
G46956-1212P	12ACC-12HLESWP	7332-51045	5/8	5/8
G46956-1616L	16ACC-16HLE134SPL	7332-51075	7/8	7/8

Metric Female O-Ring (FOR) with Switch or Service Port - 90°



Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G46963-0610	6ACC-10FTOMN90134SPH	7332-51265	5/16	M20X1.5
G46964-1024	10ACC-24FTOMN90SPL	7332-51275	1/2	M24X2

Metric Male Insert O-Ring (MIO)

Part No.	Descr.	Prod. No.	⊖ "	
STANDARD PACK				
G46965-1020	10ACC-20MIOM	7332-51285	1/2	M20X1.5

Clamp Assemblies

Part No.	Descr.	Prod. No.	⊖ "
STANDARD PACK			
G46995-0006	6CLAMP	7332-51295	5/16
G46995-0008	8CLAMP	7332-51305	13/32
G46995-0010	10CLAMP	7332-51315	1/2
G46995-0012	12CLAMP	7332-51325	5/8
G46995-0016	16CLAMP	7332-51335	7/8

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
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BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
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QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Notes

Tube Assembly Equipment

Part No.	Prod. No.	Descr.	Std. Pack
91026	7468-1041	17 Piece Flaring Tool	1
91025	7468-1040	Bend-N-Fit Tube Bender	1

Fuel Line Repair Kits

Part No.	Prod. No.	Descr.	Std. Pack
A35000-1805	7821-1001	18″ - 5/16 Fuel Line Repair Kit	1
A35000-1806	7821-1003	18″ - 3/8 Fuel Line Repair Kit	1
A35000-3005	7821-1002	30″ - 5/16 Fuel Line Repair Kit	1
A35000-3006	7821-1004	30″ - 5/16 Fuel Line Repair Kit	1

Steel Power Steering & Transmission Oil Cooler Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A35001-2405	7821-0113	24″ - 5/16″ Male O-Ring	2
A35001-2406	7821-0118	24″ - 3/8″ Male O-Ring	2
A35001-2407	7821-0126	24″ - 7/16″ Male O-Ring	2

EQUIPMENT
HOSE/CPLG. SELECTION
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PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
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Steel Power Steering & Transmission Oil Cooler Tubing - Cont'd

Part No.	Prod. No.	Descr.	Std. Pack
A35001-2412	7821-0101	24″ - 12mm Male Captive O-Ring	2
A35001-2414	7821-0104	24″ - 14mm Male O-Ring	2
A35001-2416	7821-0110	24″ - 16mm Male O-Ring	2
A35001-2418	7821-0112	24″ - 18mm Captive O-Ring	2

Steel Power Steering & Transmission Oil Cooler Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A35003-2406	7821-0117	24″ - 3/8″ Inverted Male Flare	2
A35003-2414	7821-0103	24″ - 14mm Male Inverted Flare	2
A35003-2416	7821-0109	24″ - 16mm Male Inverted Flare	2

Steel Power Steering & Transmission Oil Cooler Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A35004-2406	7821-0119	24″ - 3/8″ Male SAE	2

Steel Power Steering & Transmission Oil Cooler Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A35005-2416	7821-0108	24″ - 16mm Long Swivel O-Ring	2

Steel Power Steering & Transmission Oil Cooler Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A35006-2406	7821-0120	24″ - 3/8″ Swivel O-Ring Type I	2

Steel Power Steering & Transmission Oil Cooler Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A35007-2405	7821-0114	24″ - 5/16″ Swivel O-Ring Type II	2

Steel Power Steering & Transmission Oil Cooler Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A35008-2416	7821-0111	24″ - 16mm Swivel O-Ring Type III	2

Steel Power Steering & Transmission Oil Cooler Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A35010-2412	7821-0101	12mm - Captive	2

Steel Power Steering & Transmission Oil Cooler Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A35011-2418	7821-0104	14mm - Captive	2

Steel Power Steering & Transmission Oil Cooler Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A35012-2406	7821-0116	24″ - 3/8″ Female SAE	2
A35012-2408	7821-0127	24″ - 1/2″ Female SAE	2
A35012-2416	7821-0107	24″ - 16mm Female SAE	2

EQUIPMENT
HOSE/CPLG. SELECTION
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PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
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STAINLESS STEEL BRAID
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HOSE CUTTERS & TOOLS
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Steel Power Steering & Transmission Oil Cooler Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A35020-2406	7821-0115	24″ - 3/8″ Beaded Tube	2

Steel Power Steering & Transmission Oil Cooler Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A35023-2406	7821-0124	24″ - 3/8″ Male Single Bead Quick Connect	2

Steel Power Steering & Transmission Oil Cooler Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A35025-2406	7821-0121	24″ - 3/8″ Double Beaded Pipe	2

Steel Power Steering & Transmission Oil Cooler Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A35030-2406	7821-0123	24″ - 3/8″ GM Quick Connect	2

Aluminum Air Conditioning Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A45001-2406	7821-2024	24″ - 3/8″ Male Tube O-Ring	2
A45001-2408	7821-2025	24″ - 1/2″ Male Tube O-Ring	2

Aluminum Air Conditioning Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A45004-2406	7821-2020	24″ - 3/8″ Male SAE	2
A45004-2408	7821-2021	24″ - 1/2″ Male SAE	2

Aluminum Air Conditioning Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A45009-2406	7821-2029	24″ - 3/8″ Male Inverted O-Ring	2
A45009-2408	7821-2030	24″ - 1/2″ Male Inverted O-Ring	2

Aluminum Air Conditioning Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A45011-2406	7821-2022	24″ - 3/8″ Female Tube O-Ring	2
A45011-2408	7821-2023	24″ - 1/2″ Female Tube O-Ring	2
A45011-2416	7821-2026	24″ - 16mm Female Tube O-Ring	2
A45011-2418	7821-2027	24″ - 18mm Female Tube O-Ring	2
A45011-2420	7821-2028	24″ - 20mm Female Tube O-Ring	2

Aluminum Air Conditioning Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A45012-2406	7821-2018	24″ - 3/8″ Female SAE	2
A45012-2408	7821-2019	24″ - 1/2″ Female SAE	2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Aluminum Air Conditioning Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A45035-2406	7821-2031	24″ - 3/8″ Male Ford Spring Lock	2
A45035-2408	7821-2032	24″ - 1/2″ Male Ford Spring Lock	2

Aluminum Air Conditioning Tubing

Part No.	Prod. No.	Descr.	Std. Pack
A45036-2406	7821-2033	24″ - 3/8″ Female Ford Spring Lock	2
A45036-2408	7821-2034	24″ - 1/2″ Female Ford Spring Lock	2

Fabrication - Steel Tubing Bulk for TOC (25 Ft. per package)

Part No.	Prod. No.	Descr.	Std. Pack
A63004	7704-0214	5/16″ X 25’	1
A63005	7704-0215	3/8″ X 25’	1

Fabrication - O-Rings for TOC (25 per package)

Part No.	Prod. No.	Descr.	Std. Pack
A63089	7704-3089	.465″ ID x .075″ thickness	25
A63091	7704-3091	.490″ ID x .075″ thickness	25
A63093	7704-3093	.670″ ID x .103″ thickness	25
A63094	7704-3094	.682″ ID x .103″ thickness	25
A63095	7704-3095	.795″ ID x .105″ thickness	25
A63096	7704-3096	.460″ ID x .080″ thickness	25
A63097	7704-3097	.392″ ID x .080″ thickness	25

Fabrication - Retainer Clips & Washers for TOC (25 per package)

Part No.	Prod. No.	Descr.	Std. Pack
A63098	7704-3098	Retainer Clip	25
A63099	7704-3099	Retainer Clip	1
A63100	7704-3100	Copper Washer	25
A63101	7704-3101	Copper Washer	25
A63102	7704-3102	Copper Washer	25
A63103	7704-3103	Copper Washer	25
A63104	7704-3104	Copper Washer	25
A63105	7704-3105	Washer	25
A63106	7704-3106	Washer	25
A63107	7704-3107	Washer	25
A63108	7704-3108	Washer w/Rubber Insert	10

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
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BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Fabrication - Retainer Clips & Washers for TOC (25 per package) - Cont'd

Part No.	Prod. No.	Descr.	Std. Pack
A63109	7704-3109	Washer w/Rubber Insert	1
A63110	7704-3110	Retainer Clip	1

Fabrication - Merchandisers & Sales Aids

Part No.	Prod. No.	Descr.	Std. Pack
A63200	7468-0037	Jiffy-tite Tool	1
A63201	7468-0038	6-Piece Quick Disconnect Tool Kit	1
A63202	7468-0039	8-Piece Quick Disconnect Tool Kit	1
A63300	7704-9005	Mechanics GM Clip Assortment	1
A63301	7704-9006	3/8″ DIY Tool & Clip	1
A63302	7704-9007	1/2″ DIY Tool & Clip	1
A63303	7704-9008	O-Ring & Washer Kit	1

PS188 Power Steering Hose

Designed to meet requirements of SAE J2050 specifications.

Recommended For: Power steering pressure lines. Designed to meet requirements of SAE J2050 specifications.

Tube: Synthetic rubber specially compounded to provide resistance to high temperatures and power steering fluid (Hypalon® - Type M). See Hose Stock Characteristics.

Reinforcement: Two high strength nylon braids that resist high temperatures and allow for expansion for system noise dampening.

Cover: Black, synthetic rubber developed specifically to resist under hood environment (Hypalon®).

Temperature Range: -40°F to +300°F (-40°C to +150°C).

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

Permanent Power Steering Couplings

Part No.	Description	Product No.						Standard Pack
86049	6PS188 X25FT	3317-0107	3/8	0.71	1,500	6,000	3.25	1
86050	6PS188 X50FT	3317-0108	3/8	0.71	1,500	6,000	3.25	1

† Hypalon® is a Registered Trademark of DuPont.

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
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BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
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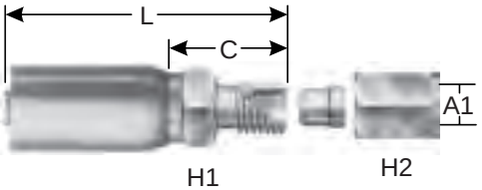
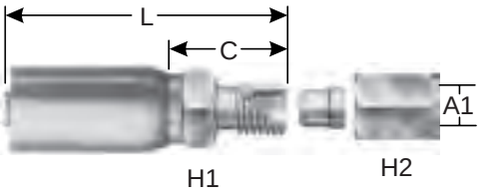
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

SAE Male Flareless (includes Sleeve and Nut)



Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C		A1
			"	mm		"	"	"	mm	"	mm	"
STANDARD PACK												
G50510-0604	6PS-4MFA	7334-28615	3/8	9.5	7/16-20	11/16	9/16	2.37	60.2	1.00	25.3	1/4
G50510-0605	6PS-5MFA	7334-28625	3/8	9.5	1/2-20	11/16	5/8	2.37	60.2	1.00	25.3	5/16
G50510-0606	6PS-6MFA	7334-28635	3/8	9.5	5/8-18	11/16	11/16	2.39	60.7	1.01	25.7	3/8

SAE Metric Male Flareless (includes Sleeve and Nut)



Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C		A1
			"	mm		"	"	"	mm	"	mm	mm
STANDARD PACK												
G50510-0608	6PS-M8MFA	7334-28935	3/8	9.5	3/4-16	11/16	11/16	2.31	58.7	.93	23.7	8.0
G50510-0610	6PS-M10MFA	7334-28945	3/8	9.5	7/8-14	11/16	3/4	2.35	59.7	.97	24.7	10.0
G50510-0612	6PS-M12MFA	7334-28955	3/8	9.5	1 1/16-12	3/4	7/8	2.35	59.7	.97	24.7	12.0

TH7 Hydraulic Hose—SAE 100R7

Recommended For: Petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. TH7 hoses meet or exceed performance requirements of SAE 100R7 with a significantly tighter bend radius.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol. See Hose Stock Characteristics.

Reinforcement: Braided synthetic fiber (-2, -8, -12 and -16). Spiraled synthetic fiber (-3, -4, -5 and -6).

Cover: Black polyurethane that resists hydraulic fluids, high temperatures, aging and weathering. Black TH7 is perforated for use in general hydraulic and pneumatic service.

Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

MegaCrimp® Couplings
Swage PCTS Permanent Couplings (-2 and -3)

Part No.	Description	Product No.						Standard Pack
71011	2TH7XCTN	4467-1154	1/8	0.32	3,000	12,000	.5	250
85401	3TH7 X50FT	4467-1194	3/16	0.41	3,000	12,000	.8	1
71012	3TH7XCTN	4467-1155	3/16	0.41	3,000	12,000	.8	250
85402	4TH7 X50FT	4467-1195	1/4	0.50	2,750	11,000	1.3	1
71013	4TH7XCTN	4467-1157	1/4	0.50	2,750	11,000	1.3	250
85403	5TH7 X50FT	4467-1160	5/16	0.56	2,500	10,000	1.8	1
71014	5TH7XCTN	4467-1159	5/16	0.56	2,500	10,000	1.8	250
85404	6TH7 X50FT	4467-1162	3/8	0.64	2,250	9,000	2.0	1
71015	6TH7XCTN	4467-1161	3/8	0.64	2,250	9,000	2.0	250
85405	8TH7 X50FT	4467-1164	1/2	0.80	2,000	8,000	3.0	1
71021	8TH7XCTN	4467-1207	1/2	0.80	2,000	8,000	3.0	250
85406	12TH7 X50FT	4467-1193	3/4	1.05	1,250	5,000	5.0	1
71070	12TH7XCTN	4467-1165	3/4	1.05	1,250	5,000	5.0	200
85407	16TH7 X50FT	4467-1197	1	1.32	1,000	4,000	10.0	1
71071	16TH7XCTN	4467-1196	1	1.32	1,000	4,000	10.0	200

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

TH7NC Non Conductive Hydraulic Hose—SAE 100R7

Thermoplastic

Recommended For: Petroleum and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. Orange color TH7NC meets SAE 100R7 non-conductivity requirements. TH7NC hose meets or exceeds performance requirements of SAE 100R7 with a significantly tighter bend radius. Meets ANSI A92.2 for vehicle mounted aerial devices (-4 to -8).

Tube: -2, -12, and -16: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol; -3 through -8 Polyester. See Hose Stock Characteristics.

Reinforcement: Braided synthetic fiber (except -2: Spiraled synthetic fiber).

Cover: Orange urethane that resists hydraulic fluids, high temperatures, aging and weathering. Orange TH7NC is non-perforated for applications requiring electrical non-conductivity. Meets SAE 100R7 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microamperes when subjected to 75 kV/Ft. for five minutes. (Orange is industry accepted color for non-conductive hose).

Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

MegaCrimp® Couplings
Swage PCTS Permanent Couplings (-2 and -3)

Part No.	Description	Product No.						Standard Pack
71072	2TH7NCXCTN	4467-1166	1/8	0.32	3,000	12,000	.5	250
85408	3TH7NC X50FT	4467-1205	3/16	0.41	3,000	12,000	.8	1
71073	3TH7NCXCTN	4467-1167	3/16	0.41	3,000	12,000	.8	250
85409	4TH7NC X50FT	4467-1170	1/4	0.50	2,750	11,000	1.3	1
71016	4TH7NCXCTN	4467-1169	1/4	0.50	2,750	11,000	1.3	250
85410	5TH7NC X50FT	4467-1172	5/16	0.56	2,500	10,000	1.8	1
71074	5TH7NCXCTN	4467-1171	5/16	0.56	2,500	10,000	1.8	250
85411	6TH7NC X50FT	4467-1174	3/8	0.64	2,250	9,000	2.0	1
71017	6TH7NCXCTN	4467-1173	3/8	0.64	2,250	9,000	2.0	250
85412	8TH7NC X50FT	4467-1206	1/2	0.80	2,000	8,000	3.0	1
71018	8TH7NCXCTN	4467-1175	1/2	0.80	2,000	8,000	3.0	250
85413	12TH7NC X50FT	4467-1200	3/4	1.05	1,250	5,000	5.0	1
71075	12TH7NCXCTN	4467-1177	3/4	1.05	1,250	5,000	5.0	200
85414	16TH7NC X50FT	4467-1199	1	1.32	1,000	4,000	10.0	1
71076	16TH7NCXCTN	4467-1198	1	1.32	1,000	4,000	10.0	200

Thermoplastic

TH7DL Dual Line Hydraulic Hose—SAE 100R7

Recommended For: Petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. TH7DL hoses meet or exceed performance requirements of SAE 100R7 with significantly tighter bend radius.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol. See Hose Stock Characteristics.

Reinforcement: Spiraled synthetic fiber.

Cover: Black polyurethane that resists hydraulic fluids, high temperatures, aging and weathering. Black TH7DL is perforated for use in general hydraulic and pneumatic service.

Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

MegaCrimp® Couplings

Part No.	Description	Product No.	⊖	↕			R	Standard Pack
71084	4TH7DLXCTN	4472-0220	1/4	0.50	2,750	11,000	1.3	250
85422	5TH7DL X50FT	4472-0222	5/16	0.56	2,500	10,000	1.8	1
71085	5TH7DLXCTN	4472-0221	5/16	0.56	2,500	10,000	1.8	250
71022	6TH7DLXCTN	4472-0223	3/8	0.64	2,250	9,000	2.0	250
71086	8TH7DLXCTN	4472-0224	1/2	0.80	2,000	8,000	3.0	250

Thermoplastic

TH7NCDL Non Conductive Dual Line Hydraulic Hose—SAE 100R7

Recommended For: Petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. Orange color TH7NCDL meets SAE 100R7 non-conductivity requirements. TH7NCDL hose meets or exceeds performance requirements of SAE 100R7 with significantly tighter bend radius.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol. See Hose Stock Characteristics.

Reinforcement: Braided synthetic fiber.

Cover: Orange urethane that resists hydraulic fluids, high temperatures, aging and weathering. Orange TH7NCDL is non-perforated for applications requiring electrical non-conductivity. Meets SAE 100R7 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microamperes when subjected to 75 kV/Ft. for five minutes. (Orange is industry accepted color for non-conductive hose.)

Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

MegaCrimp® Couplings

Part No.	Description	Product No.	⊖	↕			R	Standard Pack
85786	4TH7NCDL X50FT	4472-0226	1/4	0.50	2,750	11,000	1.3	1
71087	4TH7NCDLXCTN	4472-0225	1/4	0.50	2,750	11,000	1.3	250
85424	6TH7NCDL X50FT	4472-0228	3/8	0.64	2,250	9,000	2.0	1
71088	6TH7NCDLXCTN	4472-0227	3/8	0.64	2,250	9,000	2.0	250
85425	8TH7NCDL X50FT	4472-0230	1/2	0.80	2,000	8,000	3.0	1
71089	8TH7NCDLXCTN	4472-0229	1/2	0.80	2,000	8,000	3.0	250

TH8 Hydraulic Hose—SAE 100R8

Thermoplastic

Recommended For: Use with petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. TH8NC hose (orange cover) meets SAE 100R8 non-conductivity requirements. TH8 and TH8NC hoses meet or exceed performance requirements of SAE 100R8 with a significantly tighter bend radius. Multiline available.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol. See Hose Stock Characteristics.

Reinforcement: Two polyester braids.

Cover: Black or orange urethane resists hydraulic fluids, high temperatures, aging and weather. TH8NC (orange) is non-perforated for applications requiring electrical non-conductivity. TH8NC meets SAE 100R8 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microamperes when subjected to 75 kV/Ft. for five minutes. (Orange is industry accepted color for non-conductive hose). Black cover is perforated for use in general hydraulic and pneumatic service.

Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

MegaCrimp® Couplings (-4 through -16)
Swage PCTS Permanent Couplings (-3 only)

Part No.	Description	Product No.	⊖	I.D.	Working Pressure	Burst Pressure	Bend Radius	Standard Pack
85415	3TH8 X50FT	4467-1201	3/16	0.50	5,000	20,000	1.5	1
71077	3TH8XCTN	4467-1178	3/16	0.50	5,000	20,000	1.5	250
85416	4TH8 X50FT	4467-1180	1/4	0.61	5,000	20,000	2.0	1
71078	4TH8XCTN	4467-1179	1/4	0.61	5,000	20,000	2.0	250
85417	6TH8 X50FT	4467-1182	3/8	0.75	4,000	16,000	2.5	1
71079	6TH8XCTN	4467-1181	3/8	0.75	4,000	16,000	2.5	250
85418	8TH8 X50FT	4467-1202	1/2	0.87	3,500	14,000	4.0	1
71019	8TH8XCTN	4467-1183	1/2	0.87	3,500	14,000	4.0	250
71080	12TH8XCTN	4467-1184	3/4	1.13	2,250	9,000	6.5	200
71081	16TH8XCTN	4467-1185	1	1.45	2,000	8,000	10.0	200

TH8NC Non Conductive Hydraulic Hose—SAE 100R8

Thermoplastic

Recommended For: Use with petroleum, water base and synthetic hydraulic fluids. Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. TH8NC hose (orange cover) meets SAE 100R8 non-conductivity requirements. TH8 and TH8NC hoses meet or exceed performance requirements of SAE 100R8 with a significantly tighter bend radius. Multiline available.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol. See Hose Stock Characteristics.

Reinforcement: Two polyester braids.

Cover: Black or orange urethane resists hydraulic fluids, high temperatures, aging and weather. TH8NC (orange) is non-perforated for applications requiring electrical non-conductivity. TH8NC meets SAE 100R8 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microamperes when subjected to 75 kV/Ft. for five minutes. (Orange is industry accepted color for non-conductive hose). Black cover is perforated for use in general hydraulic and pneumatic service.

Temperature Range: -65°F to +200°F (-54°C to +93°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

MegaCrimp® Couplings

Part No.	Description	Product No.	⊖	I.D.	Working Pressure	Burst Pressure	Bend Radius	Standard Pack
85419	4TH8NC X50FT	4467-1187	1/4	0.61	5,000	20,000	2.0	1
71020	4TH8NCXCTN	4467-1186	1/4	0.61	5,000	20,000	2.0	250
85420	6TH8NC X50FT	4467-1203	3/8	0.75	4,000	16,000	2.5	1
71082	6TH8NCXCTN	4467-1204	3/8	0.75	4,000	16,000	2.5	250
85421	8TH8NC X50FT	4467-1190	1/2	0.87	3,500	14,000	4.0	1
71083	8TH8NCXCTN	4467-1189	1/2	0.87	3,500	14,000	4.0	250

Thermoplastic

TH18 Constant Pressure Non Conductive Hydraulic Hose—SAE 100R18

Recommended For: TH18 hose meets or exceeds performance requirements of SAE 100R18 with a significantly tighter bend radius. Suitable for petroleum or synthetic-based hydraulic fluids in hydraulic systems. TH18 is ideal for industrial and agricultural applications exposed to low temperatures or cyclic and quick temperature changes. Remains highly flexible in cold weather conditions and is resistant to hydraulic fluids, high temperatures, aging and weathering.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol. See Hose Stock Characteristics.

Reinforcement: One band of synthetic fiber.

Cover: Special polyester, black, perforated.

Temperature Range: -67°F to +212°F (-55°C to +100°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water-based fluids.

Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

MegaCrimp® Couplings with TuffCoat™ plating.

Part No.	Description	Product No.	⊖	I.D.			R	Standard Pack
71001	4TH18XCTN	4467-0006	1/4	0.48	3,000	12,000	1.4	250
71002	5TH18XCTN	4467-0007	5/16	0.56	3,000	12,000	1.8	250
71003	6TH18XCTN	4467-0008	3/8	0.65	3,000	12,000	1.8	250
71004	8TH18XCTN	4467-0009	1/2	0.89	3,000	12,000	2.8	250
71005	10TH18XCTN	4467-0010	5/8	1.03	3,000	12,000	3.9	250

Thermoplastic

TH18NC Constant Pressure Non Conductive Hydraulic Hose—SAE 100R18

Recommended For: TH18NC hose meets or exceeds performance requirements of SAE 100R18 with a significantly tighter bend radius. Suitable for petroleum or synthetic-based hydraulic fluids in hydraulic systems. TH18NC non-conductive hoses are suitable for use in high-voltage applications. Remains highly flexible in cold weather conditions and is resistant to hydraulic fluids, high temperatures, aging and weathering.

Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol. See Hose Stock Characteristics.

Reinforcement: Two bands of synthetic fiber.

Cover: Special polyester, orange (industry-accepted color for non-conductive hose), non-perforated for applications requiring electrical non-conductivity. Meets SAE 100R18 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microamperes when subjected to 75kV/ft for five minutes.

Temperature Range: -67°F to +212°F (-55°C to +100°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water-based fluids.

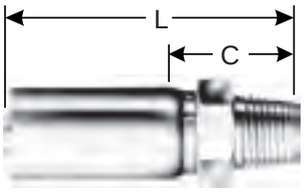
Coupling Recommendation (See Crimp Data Manual 428-7365 or E.Crimp):

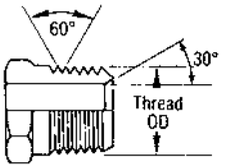
MegaCrimp® Couplings with TuffCoat™ plating.

Part No.	Description	Product No.	⊖	I.D.			R	Standard Pack
71006	4TH18NCXCTN	4467-0011	1/4	0.48	3,000	12,000	1.4	250
71007	5TH18NCXCTN	4467-0012	5/16	0.56	3,000	12,000	1.8	250
71008	6TH18NCXCTN	4467-0013	3/8	0.65	3,000	12,000	1.8	250
71009	8TH18NCXCTN	4467-0014	1/2	0.89	3,000	12,000	2.8	250
71010	10TH18NCXCTN	4467-0015	5/8	1.03	3,000	12,000	3.9	250

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Pipe (NPTF - 30° Cone Seat)

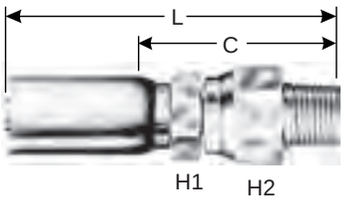


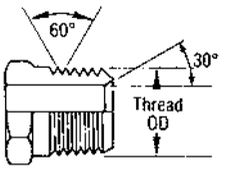


Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G51100-0202	2PCTS-2MP	7336-11985	1/8	3.2	1/8-27	1/2	—	1.34	34.0	.74	18.8
G51100-0204	2PCTS-4MP	7336-11995	1/8	3.2	1/4-18	1/2	—	1.53	38.9	.93	23.6
G51100-0302	3PCTS-2MP	7336-12005	3/16	4.8	1/8-27	9/16	—	1.94	49.3	1.08	27.4
G51100-0304	3PCTS-4MP	7336-12015	3/16	4.8	1/4-18	11/16	—	2.13	54.1	1.27	32.2
G51100-0402	4PCTS-2MP	7336-12025	1/4	6.3	1/8-27	5/8	—	2.15	54.6	1.06	26.9
G51100-0404	4PCTS-4MP	7336-12035	1/4	6.3	1/4-18	11/16	—	2.34	59.4	1.25	31.8
G51100-0406	4PCTS-6MP	7336-12045	1/4	6.3	3/8-18	3/4	—	2.44	62.0	1.35	34.3
G51100-0504	5PCTS-4MP	7336-12055	5/16	7.9	1/4-18	11/16	—	2.36	59.9	1.07	27.2
G51100-0604	6PCTS-4MP	7336-12075	3/8	9.5	1/4-18	3/4	—	2.66	67.6	1.37	34.8
G51100-0606	6PCTS-6MP	7336-12085	3/8	9.5	3/8-18	3/4	—	2.66	67.6	1.37	34.8
G51100-0608	6PCTS-8MP	7336-12095	3/8	9.5	1/2-14	15/16	—	2.92	74.2	1.63	41.4
G51100-0808	8PCTS-8MP	7336-12105	1/2	12.7	1/2-14	15/16	—	3.13	79.5	1.48	37.6
G51100-1212	12PCTS-12MP	7336-00335	3/4	19.0	3/4-14	1 1/8	—	3.30	83.8	1.42	36.1

Male Pipe Swivel (NPTF - Without 30° Cone Seat)

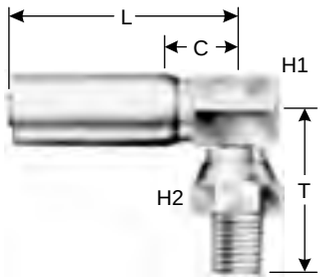
NOT TO BE USED AS A LIVE SWIVEL.

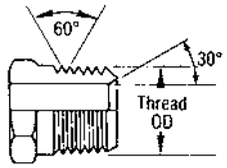




Part No.	Descr.	Prod. No.	⊖ "	⊖ mm		H1 "	H2 "	L "	L mm	C "	C mm
STANDARD PACK											
G51105-0202	2PCTS-2MPX	7337-11985	1/8	3.2	1/8-27	1/2	23/32	1.93	49.0	1.33	33.8
G51105-0302	3PCTS-2MPX	7337-12005	3/16	4.8	1/8-27	23/32	23/32	2.50	63.5	1.50	38.1
G51105-0304	3PCTS-4MPX	7337-12015	3/16	4.8	1/4-18	23/32	23/32	2.72	69.1	1.86	47.2
G51105-0404	4PCTS-4MPX	7337-12025	1/4	6.3	1/4-18	5/8	23/32	2.84	72.1	1.78	45.2
G51105-0504	5PCTS-4MPX	7337-12035	5/16	7.9	1/4-18	5/8	23/32	2.95	74.9	1.65	41.9
G51105-0606	6PCTS-6MPX	7337-12045	3/8	9.5	3/8-18	3/4	3/4	3.20	81.3	1.91	48.5
G51105-0808	8PCTS-8MPX	7337-12055	1/2	12.7	1/2-14	7/8	15/16	3.66	93.0	2.01	51.0
G51105-1212	12PCTS-12MPX	7337-00915	3/4	19.0	3/4-14	1 1/8	1 1/8	3.90	99.1	2.02	51.3

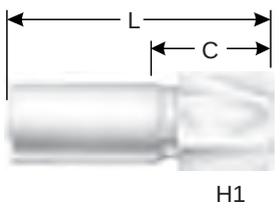
Male Pipe Swivel - 90° Block (NPTF - Without 30° Cone Seat)

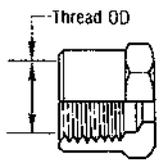




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G51106-0404	4PCTS-4MPX90	7337-12105	1/4	6.3	1/4-18	5/8	11/16	1.67	42.4	2.31	58.8	.84	21.3

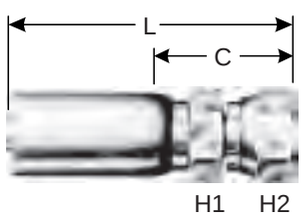
Female Pipe (NPTF - Without 30° Cone Seat)

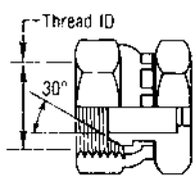




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G51110-0606	6PCTS-6FP	7337-01035	3/8	9.5	3/8-18	7/8	—	2.70	68.6	1.41	35.8

Female Pipe Swivel (NPTF - 30° Cone Seat)

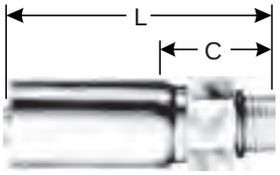


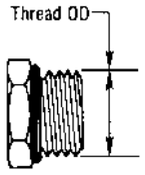


Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G51111-0404	4PCTS-4FPX	7338-13305	1/4	6.3	1/4-18	5/8	3/4	2.38	60.5	1.32	33.5

PCTS Thermoplastic Couplings (One-Piece)

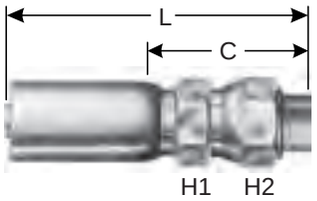
Male O-Ring Boss

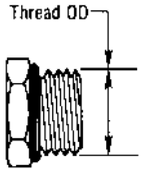




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G51120-0406	4PCTS-6MB	7336-12475	1/4	6.3	9/16-18	11/16	—	2.13	54.1	1.08	27.4
G51120-0606	6PCTS-6MB	7336-12505	3/8	9.5	9/16-18	3/4	—	2.49	63.2	1.20	30.5
G51120-0808	8PCTS-8MB	7336-12525	1/2	12.7	3/4-16	15/16	—	2.81	71.4	1.17	29.7

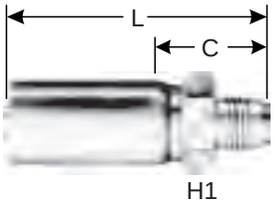
Male O-Ring Boss Swivel

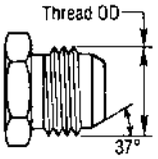




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G51121-0606	6PCTS-6MBX	7337-12145	3/8	9.5	9/16-18	3/4	3/4	3.28	83.3	1.99	50.5
G51121-0808	8PCTS-8MBX	7337-12155	1/2	12.7	3/4-16	7/8	15/16	3.40	86.4	1.78	45.2

Male JIC 37° Flare



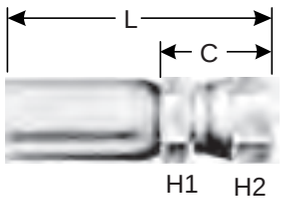


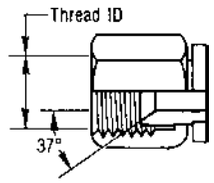
Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G51165-0404	4PCTS-4MJ	7336-12315	1/4	6.3	7/16-20	5/8	—	2.29	58.2	1.23	31.2
G51165-0406	4PCTS-6MJ	7336-12335	1/4	6.3	9/16-18	11/16	—	2.30	58.4	1.24	31.5
G51165-0506	5PCTS-6MJ	7336-12355	5/16	7.9	9/16-18	11/16	—	2.36	59.9	1.06	26.9
G51165-0606	6PCTS-6MJ	7336-12365	3/8	9.5	9/16-18	3/4	—	2.66	67.6	1.36	34.5
G51165-0608	6PCTS-8MJ	7336-12375	3/8	9.5	3/4-16	13/16	—	2.75	69.8	1.46	37.1
G51165-0808	8PCTS-8MJ	7336-12385	1/2	12.7	3/4-16	7/8	—	3.02	76.7	1.32	33.5

Male JIC 37° Flare - Cont'd

Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
G51165-1212	12PCTS-12MJ	7336-00345	3/4	19.0	1 1/16-12	1 1/8	—	3.43	87.1	1.54	39.1

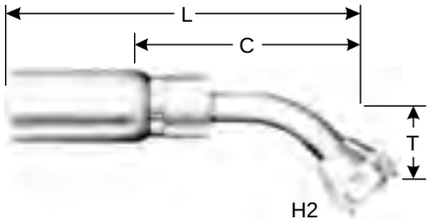
Female JIC 37° Flare Swivel

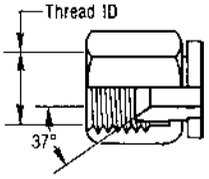




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G51170-0203	2PCTS-3FJX	7338-11985	1/8	3.2	3/8-24	1/2	9/16	1.65	41.9	1.05	26.7
G51170-0406	4PCTS-6FJX	7338-12045	1/4	6.3	9/16-18	5/8	3/4	2.55	64.8	1.50	38.1
G51170-0506	5PCTS-6FJX	7338-12065	5/16	7.9	9/16-18	5/8	3/4	2.61	66.3	1.32	33.5
G51170-0606	6PCTS-6FJX	7338-12075	3/8	9.5	9/16-18	3/4	3/4	2.91	73.9	1.62	41.1
G51170-0812	8PCTS-12FJX	7338-12175	1/2	12.7	1 1/16-12	1 1/8	1 1/4	3.34	84.8	1.70	43.2
G51170-1210	12PCTS-10FJX	7338-12185	3/4	19.0	7/8-14	1 1/8	1	3.55	90.2	1.66	42.2
G51170-1212	12PCTS-12FJX	7338-01605	3/4	19.0	1 1/16-12	1 1/8	1 1/4	3.48	88.4	1.60	40.6
G51170-1616	16PCTS-16FJX	7338-01615	1	25.4	1 5/16-12	1 3/8	1 1/2	4.00	101.6	1.66	42.2

Female JIC 37° Flare Swivel - 45° Bent Tube





Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G51175-0404	4PCTS-4FJX45	7338-12515	1/4	6.3	7/16-20	—	9/16	.33	8.4	2.61	66.3	1.55	39.4
G51175-0606	6PCTS-6FJX45	7338-12455	3/8	9.5	11/16-16	—	11/16	.39	9.9	3.12	79.2	1.82	46.2
G51175-0608	6PCTS-8FJX45	7338-12465	3/8	9.5	3/4-16	—	7/8	.55	14.0	3.47	88.1	2.17	55.1
G51175-1212	12PCTS-12FJX45	7338-01555	3/4	19.0	1 1/16-12	—	1 1/4	1.12	28.4	4.42	112.3	2.54	64.5
G51176-0606	6PCTS-6FJX45M	7338-12505	3/8	9.5	11/16-16	—	11/16	.56	14.2	3.28	83.3	1.98	50.3
G51176-0608	6PCTS-8FJX45L	7338-12495	3/8	9.5	3/4-16	—	7/8	.69	17.5	3.61	91.7	2.31	58.7

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
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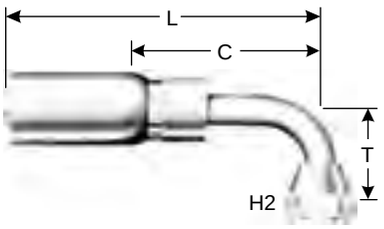
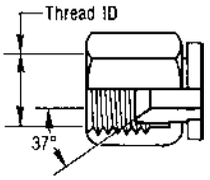
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

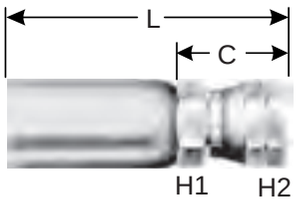
Female JIC 37° Flare Swivel - 90° Bent Tube

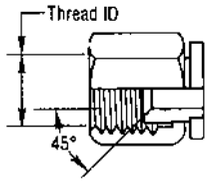




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G51179-0304	3PCTS-4FJX90S	7338-12695	3/16	4.8	7/16-20	—	9/16	.78	19.8	2.45	62.2	1.58	40.1
G51179-0404	4PCTS-4FJX90S	7338-12725	1/4	6.3	7/16-20	—	9/16	.68	17.3	2.62	66.5	1.56	39.6
G51179-0506	5PCTS-6FJX90S	7338-12765	5/16	7.9	9/16-18	—	11/16	.85	21.6	2.86	72.6	1.56	39.6
G51179-0606	6PCTS-6FJX90S	7338-12785	3/8	9.5	11/16-16	—	11/16	.85	21.6	3.25	82.5	1.95	49.5
G51179-0608	6PCTS-8FJX90S	7338-12805	3/8	9.5	3/4-16	—	7/8	1.09	27.7	3.63	92.2	2.33	59.2
G51179-0808	8PCTS-8FJX90S	7338-12825	1/2	12.7	13/16-16	—	7/8	1.09	27.7	3.83	97.3	2.19	55.6
G51179-1212	12PCTS-12FJX90S	7338-01505	3/4	19.0	1 1/16-12	—	1 1/4	2.31	58.7	3.96	100.6	2.07	52.6
G51181-0506	5PCTS-6FJX90L	7338-12775	5/16	7.9	9/16-18	—	11/16	2.18	55.4	3.04	77.2	1.75	44.5
G51181-0606	6PCTS-6FJX90L	7338-12795	3/8	9.5	11/16-16	—	11/16	2.18	55.4	3.25	82.5	1.95	49.5
G51181-0608	6PCTS-8FJX90L	7338-12815	3/8	9.5	3/4-16	—	7/8	2.43	61.7	3.63	92.2	2.34	59.4
G51181-0808	8PCTS-8FJX90L	7338-12835	1/2	12.7	13/16-16	—	7/8	2.43	61.7	3.83	97.3	2.19	55.6
G51181-1212	12PCTS-12FJX90L	7338-01515	3/4	19.0	1 1/16-12	—	1 1/4	3.73	94.7	3.96	100.6	2.07	52.6

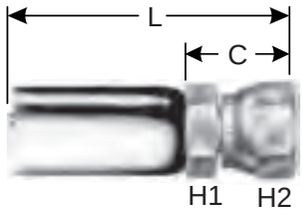
Female SAE 45° Flare Swivel





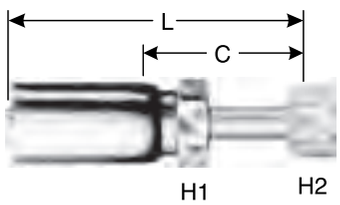
Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G51200-0606	6PCTS-6FSX	7338-12145	3/8	9.5	5/8-18	3/4	13/16	2.92	74.2	1.62	41.1
G51200-1212	12PCTS-12FSX	7338-01705	3/4	19.0	1 1/16-14	1 1/8	1 1/4	3.48	88.4	1.60	40.6

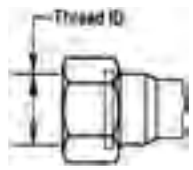
Dual Seat Female JIC 37°/SAE 45° Flare Swivel - 45° Bent Tube



Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G51210-0204	2PCTS-4FJSX	7338-11995	1/8	3.2	7/16-20	1/2	5/8	1.73	43.9	1.12	28.4
G51210-0304	3PCTS-4FJSX	7338-12005	3/16	4.8	7/16-20	9/16	5/8	2.23	56.6	1.16	29.5
G51210-0404	4PCTS-4FJSX	7338-12025	1/4	6.3	7/16-20	5/8	5/8	2.53	64.3	1.47	37.3
G51210-0405	4PCTS-5FJSX	7338-12035	1/4	—	1/2-20	5/8	3/4	2.56	65.0	1.51	38.4
G51210-0505	5PCTS-5FJSX	7338-12055	5/16	7.9	1/2-20	5/8	3/4	2.62	66.5	1.33	33.8
G51210-0608	6PCTS-8FJSX	7338-12085	3/8	9.5	3/4-16	3/4	15/16	2.89	73.4	1.60	40.6
G51210-0808	8PCTS-8FJSX	7338-12095	1/2	12.7	3/4-16	7/8	15/16	3.25	82.5	1.61	40.9
G51210-0810	8PCTS-10FJSX	7338-12105	1/2	—	7/8-14	7/8	1	3.24	82.3	1.60	40.6

Female Flat-Face Swivel





Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G51230-0404	4PCTS-4FFORX	7338-12995	1/4	6.3	9/16-18	5/8	11/16	2.52	64.0	1.45	36.8
G51230-0406	4PCTS-6FFORX	7338-12985	1/4	6.3	11/16-16	3/4	13/16	2.68	68.1	1.62	41.1
G51230-0606	6PCTS-6FFORX	7338-13005	3/8	9.5	11/16-16	3/4	13/16	2.87	72.9	1.58	40.1
G51230-0808	8PCTS-8FFORX	7338-13015	1/2	12.7	13/16-16	7/8	15/16	3.23	82.0	1.59	40.4

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
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FIELD ATTACHABLE C5 COUPLINGS
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ASSEMBLY FABRICATION
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PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
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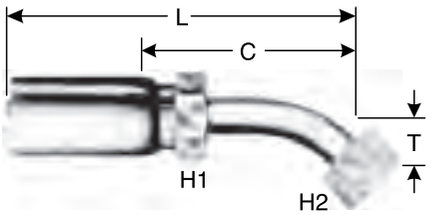
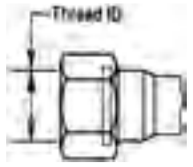
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

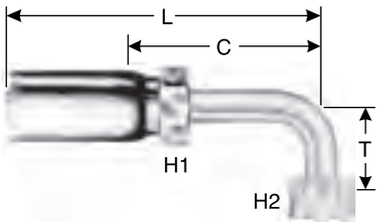
Female Flat-Face Swivel - 45° Bent Tube

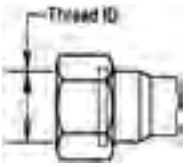




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G51235-0404	4PCTS-4FFORX45	7338-13045	1/4	6.3	9/16-18	5/8	11/16	.41	10.4	2.87	72.9	1.81	46.0
G51235-0606	6PCTS-6FFORX45	7338-13055	3/8	9.5	11/16-16	3/4	13/16	.43	10.9	3.35	85.1	2.06	52.3
G51235-0808	8PCTS-8FFORX45	7338-13065	1/2	12.7	13/16-16	7/8	15/16	.59	15.0	4.03	102.4	2.39	60.7

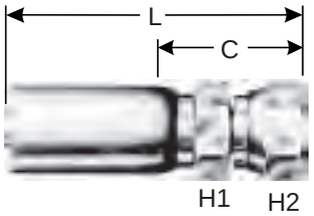
Female Flat-Face Swivel - 90° Bent Tube

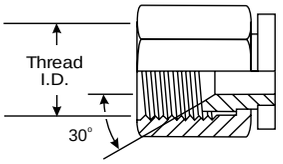




Part No.	Descr.	Prod. No.	⊖			H1	H2	T		L		C	
			"	mm		"	"	"	mm	"	mm	"	mm
STANDARD PACK													
G51239-0404	4PCTS-4FFORX90S	7338-13105	1/4	6.3	9/16-18	5/8	11/16	.82	20.8	2.62	66.5	1.56	39.6
G51239-0606	6PCTS-6FFORX90S	7338-13115	3/8	9.5	11/16-16	3/4	13/16	.90	22.9	3.18	80.8	1.88	47.8
G51239-0808	8PCTS-8FFORX90S	7338-13125	1/2	12.7	13/16-16	7/8	15/16	1.15	29.2	3.69	93.7	2.05	52.1
G51241-0404	4PCTS-4FFORX90L	7338-13205	1/4	6.3	9/16-18	5/8	11/16	1.80	45.7	2.62	66.5	1.56	39.6
G51241-0808	8PCTS-8FFORX90L	7338-13245	1/2	12.7	13/16-16	7/8	15/16	2.51	63.8	3.75	95.2	2.11	53.6

Female Japanese Industrial Standard Swivel

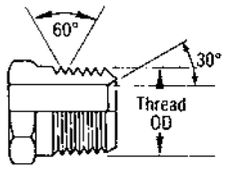




Part No.	Descr.	Prod. No.	⊖			H1	H2	L		C	
			"	mm		"	"	"	mm	"	mm
STANDARD PACK											
G51930-0404	4PCTS-4FJISX	7338-01645	1/4	6.3	1/4-19	5/8	3/4	2.57	65.3	1.52	38.6
G51930-0606	6PCTS-6FJISX	7338-01655	3/8	9.5	3/8-19	3/4	7/8	2.75	69.8	1.46	37.1
G51930-0808	8PCTS-8FJISX	7338-01665	1/2	12.7	1/2-14	7/8	1 1/16	3.27	83.0	1.62	41.1

Male Pipe NPTF Plug

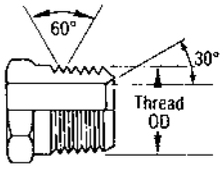
For use up to SAE 100R2 maximum working pressure.



Part No.	Descr.	Prod. No.	
G60102-0002	2MP-PLUG	7259-22815	1/8-27
G60102-0004	4MP-PLUG	7259-22825	1/4-18
G60102-0006	6MP-PLUG	7259-22835	3/8-18
G60102-0008	8MP-PLUG	7259-22845	1/2-14
G60102-0012	12MP-PLUG	7259-22855	3/4-14
G60102-0016	16MP-PLUG	7259-22865	1-11 1/2
G60102-0020	20MP-PLUG	7259-22875	1 1/4-11 1/2
G60102-0024	24MP-PLUG	7259-24395	1 1/2-11 1/2
G60102-0032	32MP-PLUG	7259-32765	2-11 1/2

Male Pipe NPTF to Male Pipe NPTF

For use up to SAE 100R2 maximum working pressure.



Part No.	Descr.	Prod. No.		
			"	"
G60110-0202	2MP-2MP	7259-23695	1/8-27	1/8-27
G60110-0402	4MP-2MP	7259-23705	1/4-18	1/8-27
G60110-0404	4MP-4MP	7259-23715	1/4-18	1/4-18
G60110-0602	6MP-2MP	7259-06455	3/8-18	1/8-27
G60110-0604	6MP-4MP	7259-23725	3/8-18	1/4-18
G60110-0606	6MP-6MP	7259-23735	3/8-18	3/8-18
G60110-0804	8MP-4MP	7259-23745	1/2-14	1/4-18
G60110-0806	8MP-6MP	7259-23755	1/2-14	3/8-18
G60110-0808	8MP-8MP	7259-23765	1/2-14	1/2-14
G60110-1204	12MP-4MP	7259-07405	3/4-14	1/4-18
G60110-1206	12MP-6MP	7259-06395	3/4-14	3/8-18
G60110-1208	12MP-8MP	7259-23775	3/4-14	1/2-14
G60110-1212	12MP-12MP	7259-23785	3/4-14	3/4-14
G60110-1606	16MP-6MP	7259-07325	1-11 1/2	3/8-18
G60110-1608	16MP-8MP	7259-06235	1-11 1/2	1/2-14
G60110-1612	16MP-12MP	7259-23795	1-11 1/2	3/4-14
G60110-1616	16MP-16MP	7259-23805	1-11 1/2	1-11 1/2
G60110-2012	20MP-12MP	7259-08015	1 1/4-11 1/2	3/4-14
G60110-2016	20MP-16MP	7259-05875	1 1/4-11 1/2	1-11 1/2
G60110-2020	20MP-20MP	7259-23815	1 1/4-11 1/2	1 1/4-11 1/2
G60110-2412	24MP-12MP	7259-08545	1 1/2-11 1/2	3/4-14
G60110-2416	24MP-16MP	7259-08025	1 1/2-11 1/2	1-11 1/2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

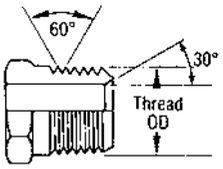
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Pipe NPTF to Male Pipe NPTF - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G60110-2420	24MP-20MP	7259-08125	1 1/2-11 1/2	1 1/4-11 1/2
G60110-2424	24MP-24MP	7259-23825	1 1/2-11 1/2	1 1/2-11 1/2
G60110-3224	32MP-24MP	7259-08555	2-11 1/2	1 1/2-11 1/2
G60110-3232	32MP-32MP	7259-23835	2-11 1/2	2-11 1/2

Male Pipe NPTF to Male Pipe NPTF - 90°

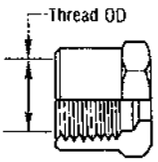
For use up to SAE 100R2 maximum working pressure.

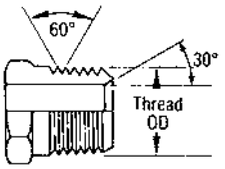


Part No.	Descr.	Prod. No.		
			"	"
G60115-0202	2MP-2MP90	7259-25205	1/8-27	1/8-27
G60115-0404	4MP-4MP90	7259-25215	1/4-18	1/4-18
G60115-0604	6MP-4MP90	7259-70755	3/8-18	1/4-18
G60115-0606	6MP-6MP90	7259-25225	3/8-18	3/8-18
G60115-0804	8MP-4MP90	7259-08565	1/2-14	1/4-18
G60115-0806	8MP-6MP90	7259-70855	1/2-14	3/8-18
G60115-0808	8MP-8MP90	7259-25235	1/2-14	1/2-14
G60115-1208	12MP-8MP90	7259-05725	3/4-14	1/2-14
G60115-1212	12MP-12MP90	7259-25245	3/4-14	3/4-14
G60115-1612	16MP-12MP90	7259-09835	1-11 1/2	3/4-14
G60115-1616	16MP-16MP90	7259-25255	1-11 1/2	1-11 1/2
G60115-2020	20MP-20MP90	7259-08575	1 1/4-11 1/2	1 1/4-11 1/2
G60115-2424	24MP-24MP90	7259-07155	1 1/2-11 1/2	1 1/2-11 1/2

Male Pipe NPTF to Female Pipe NPTF Reducer Bushing - Short

For use up to SAE 100R2 maximum working pressure.





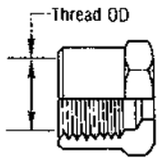
Part No.	Descr.	Prod. No.		
			"	"
G60130-0402	4MP-2FPS	7259-22595	1/4-18	1/8-27
G60130-0602	6MP-2FPS	7259-22605	3/8-18	1/8-27
G60130-0604	6MP-4FPS	7259-22615	3/8-18	1/4-18
G60130-0802	8MP-2FPS	7259-05815	1/2-14	1/8-27

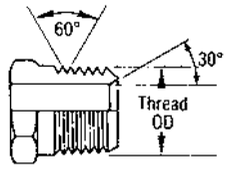
Male Pipe NPTF to Female Pipe NPTF Reducer Bushing - Short - Cont'd

Part No.	Descr.	Prod. No.	"	"
G60130-0804	8MP-4FPS	7259-22635	1/2-14	1/4-18
G60130-0806	8MP-6FPS	7259-22645	1/2-14	3/8-18
G60130-1202	12MP-2FPS	7259-07335	3/4-14	1/8-27
G60130-1204	12MP-4FPS	7259-22665	3/4-14	1/4-18
G60130-1206	12MP-6FPS	7259-22675	3/4-14	3/8-18
G60130-1208	12MP-8FPS	7259-22685	3/4-14	1/2-14
G60130-1602	16MP-2FPS	7259-08585	1-11 1/2	1/8-27
G60130-1604	16MP-4FPS	7259-05355	1-11 1/2	1/4-18
G60130-1606	16MP-6FPS	7259-06665	1-11 1/2	3/8-18
G60130-1608	16MP-8FPS	7259-22725	1-11 1/2	1/2-14
G60130-1612	16MP-12FPS	7259-22735	1-11 1/2	3/4-14
G60130-2004	20MP-4FPS	7259-07475	1 1/4-11 1/2	1/4-18
G60130-2006	20MP-6FPS	7259-08595	1 1/4-11 1/2	3/8-18
G60130-2008	20MP-8FPS	7259-05525	1 1/4-11 1/2	1/2-18
G60130-2012	20MP-12FPS	7259-22755	1 1/4-11 1/2	3/4-14
G60130-2016	20MP-16FPS	7259-22765	1 1/4-11 1/2	1-11 1/2
G60130-2412	24MP-12FPS	7259-22785	1 1/2-11 1/2	3/4-14
G60130-2416	24MP-16FPS	7259-22795	1 1/2-11 1/2	1-11 1/2
G60130-2420	24MP-20FPS	7259-22805	1 1/2-11 1/2	1 1/4-11 1/2
G60130-3220	32MP-20FPS	7259-05425	2-11 1/2	1 1/4-11 1/2
G60130-3224	32MP-24FPS	7259-32825	2-11 1/2	1 1/2-11 1/2

Male Pipe NPTF to Female Pipe NPTF Increasing Bushing - Long

For use up to SAE 100R2 maximum working pressure.





Part No.	Descr.	Prod. No.	"	"
G60132-0204	2MP-4FPL	7259-25365	1/8-27	1/4-18
G60132-0206	2MP-6FPL	7259-08365	1/8-27	3/8-18
G60132-0402	4MP-2FPL	7259-08615	1/4-18	1/8-27
G60132-0404	4MP-4FPL	7259-00475	1/4-18	1/4-18
G60132-0406	4MP-6FPL	7259-25385	1/4-18	3/8-18
G60132-0408	4MP-8FPL	7259-05515	1/4-18	1/2-14
G60132-0604	6MP-4FPL	7259-05025	3/8-18	1/4-18
G60132-0606	6MP-6FPL	7259-00535	3/8-18	3/8-18
G60132-0608	6MP-8FPL	7259-25415	3/8-18	1/2-14
G60132-0612	6MP-12FPL	7259-07745	3/8-18	3/4-14
G60132-0808	8MP-8FPL	7259-05175	1/2-14	1/2-14
G60132-0812	8MP-12FPL	7259-25435	1/2-14	3/4-14
G60132-0816	8MP-16FPL	7259-07755	1/2-14	1-11 1/2
G60132-1208	12MP-8FPL	7259-00315	3/4-14	1/2-14
G60132-1212	12MP-12FPL	7259-06545	3/4-14	3/4-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
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GLOBALSPIRAL HIGH PRESSURE COUPLINGS
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PCM COUPLINGS
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STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
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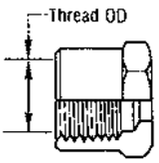
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

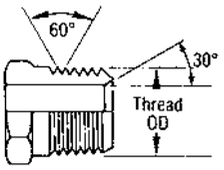
Male Pipe NPTF to Female Pipe NPTF Increasing Bushing - Long - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G60132-1216	12MP-16FPL	7259-25455	3/4-14	1-11 1/2
G60132-1612	16MP-12FPL	7259-05735	1-11 1/2	3/4-14
G60132-1616	16MP-16FPL	7259-08635	1-11 1/2	1-11 1/2
G60132-1620	16MP-20FPL	7259-25475	1-11 1/2	1 1/4-11 1/2
G60132-1624	16MP-24FPL	7259-08645	1-11 1/2	1 1/2-11 1/2
G60132-2020	20MP-20FPL	7259-07345	1 1/4-1 1/2	1 1/4-1 1/2
G60132-2024	20MP-24FPL	7259-25495	1 1/4-11 1/2	1 1/2-11 1/2
G60132-2432	24MP-32FPL	7259-07765	1 1/2-11 1/2	2-11 1/2

Male Pipe NPTF to Female Pipe NPTF - 90°

For use up to SAE 100R2 maximum working pressure.

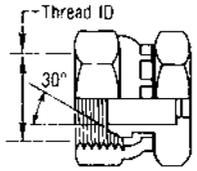


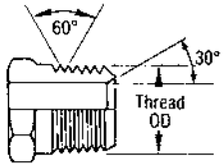


Part No.	Descr.	Prod. No.		
			"	"
G60136-0202	2MP-2FP90	7259-24105	1/8-27	1/8-27
G60136-0204	2MP-4FP90	7259-32835	1/8-27	1/4-18
G60136-0402	4MP-2FP90	7259-32845	1/4-18	1/8-27
G60136-0404	4MP-4FP90	7259-24115	1/4-18	1/4-18
G60136-0406	4MP-6FP90	7259-32855	1/4-18	3/8-18
G60136-0604	6MP-4FP90	7259-32865	3/8-18	1/4-18
G60136-0606	6MP-6FP90	7259-24125	3/8-18	3/8-18
G60136-0608	6MP-8FP90	7259-32875	3/8-18	1/2-14
G60136-0804	8MP-4FP90	7259-08655	1/2-14	1/4-18
G60136-0806	8MP-6FP90	7259-32885	1/2-14	3/8-18
G60136-0808	8MP-8FP90	7259-24135	1/2-14	1/2-14
G60136-0812	8MP-12FP90	7259-32895	1/2-14	3/4-14
G60136-1208	12MP-8FP90	7259-32905	3/4-14	1/2-14
G60136-1212	12MP-12FP90	7259-24145	3/4-14	3/4-14
G60136-1216	12MP-16FP90	7259-08375	3/4-14	1-11 1/2
G60136-1612	16MP-12FP90	7259-08155	1-11 1/2	3/4-14
G60136-1616	16MP-16FP90	7259-24155	1-11 1/2	1-11 1/2
G60136-2016	20MP-16FP90	7259-08665	1 1/4-11 1/2	1-11 1/2
G60136-2020	20MP-20FP90	7259-24165	1 1/4-11 1/2	1 1/4-11 1/2
G60136-2424	24MP-24FP90	7259-24175	1 1/2-11 1/2	1 1/2-11 1/2
G60136-3232	32MP-32FP90	7259-24185	2-11 1/2	2-11 1/2

Male Pipe NPTF to Female Pipe Swivel NPSM

For use up to SAE 100R2 maximum working pressure.

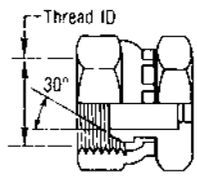


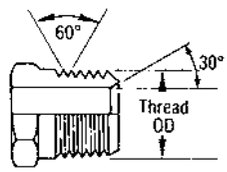


Part No.	Descr.	Prod. No.		
			"	"
G60140-0202	2MP-2FPX	7259-00735	1/8-27	1/8-27
G60140-0204	2MP-4FPX	7259-10635	1/8-27	1/4-18
G60140-0402	4MP-2FPX	7259-05095	1/4-18	1/8-27
G60140-0404	4MP-4FPX	7259-00775	1/4-18	1/4-18
G60140-0406	4MP-6FPX	7259-10455	1/4-18	3/8-18
G60140-0408	4MP-8FPX	7259-07355	1/4-18	1/2-14
G60140-0604	6MP-4FPX	7259-10625	3/8-18	1/4-18
G60140-0606	6MP-6FPX	7259-00815	3/8-18	3/8-18
G60140-0608	6MP-8FPX	7259-10375	3/8-18	1/2-14
G60140-0806	8MP-6FPX	7259-10365	1/2-14	3/8-18
G60140-0808	8MP-8FPX	7259-00895	1/2-14	1/2-14
G60140-0812	8MP-12FPX	7259-10865	1/2-14	3/4-14
G60140-1206	12MP-6FPX	7259-06345	3/4-14	3/8-18
G60140-1208	12MP-8FPX	7259-10645	3/4-14	1/2-14
G60140-1212	12MP-12FPX	7259-00255	3/4-14	3/4-14
G60140-1216	12MP-16FPX	7259-32935	3/4-14	1-11 1/2
G60140-1220	12MP-20FPX	7259-08675	3/4-14	1 1/4-11 1/2
G60140-1612	16MP-12FPX	7259-10935	1-11 1/2	3/4-14
G60140-1616	16MP-16FPX	7259-00275	1-11 1/2	1-11 1/2
G60140-1620	16MP-20FPX	7259-11285	1-11 1/2	1 1/4-11 1/2
G60140-2016	20MP-16FPX	7259-05595	1 1/4-11 1/2	1-11 1/2
G60140-2020	20MP-20FPX	7259-10745	1 1/4-11 1/2	1 1/4-11 1/2
G60140-2024	20MP-24FPX	7259-06375	1 1/4-11 1/2	1 1/2-11 1/2
G60140-2420	24MP-20FPX	7259-06305	1 1/2-11 1/2	1 1/4-11 1/2
G60140-2424	24MP-24FPX	7259-11345	1 1/2-11 1/2	1 1/2-11 1/2
G60140-3232	32MP-32FPX	7259-11435	2-11 1/2	2-11 1/2

Male Pipe NPTF to Female Pipe Swivel NPSM - 45°

For use up to SAE 100R2 maximum working pressure.





Part No.	Descr.	Prod. No.		
			"	"
G60142-0202	2MP-2FPX45	7259-32945	1/8-27	1/8-27
G60142-0204	2MP-4FPX45	7259-00505	1/8-27	1/4-18

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

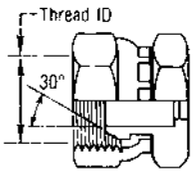
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

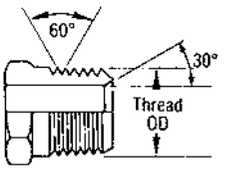
Male Pipe NPTF to Female Pipe Swivel NPSM - 45° - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G60142-0402	4MP-2FPX45	7259-05985	1/4-18	1/8-27
G60142-0404	4MP-4FPX45	7259-02115	1/4-18	1/4-18
G60142-0406	4MP-6FPX45	7259-05265	1/4-18	3/8-18
G60142-0604	6MP-4FPX45	7259-05555	3/8-18	1/4-18
G60142-0606	6MP-6FPX45	7259-02155	3/8-18	3/8-18
G60142-0608	6MP-8FPX45	7259-32955	3/8-18	1/2-14
G60142-0804	8MP-4FPX45	7259-06465	1/2-14	1/4-18
G60142-0806	8MP-6FPX45	7259-32965	1/2-14	3/8-18
G60142-0808	8MP-8FPX45	7259-02125	1/2-14	1/2-14
G60142-0812	8MP-12FPX45	7259-06115	1/2-14	3/4-14
G60142-1208	12MP-8FPX45	7259-11535	3/4-14	1/2-14
G60142-1212	12MP-12FPX45	7259-02235	3/4-14	3/4-14
G60142-1216	12MP-16FPX45	7259-06125	3/4-14	1-11 1/2
G60142-1612	16MP-12FPX45	7259-11625	1-11 1/2	3/4-14
G60142-1616	16MP-16FPX45	7259-10765	1-11 1/2	1-11 1/2
G60142-1620	16MP-20FPX45	7259-07855	1-11 1/2	1 1/4-11 1/2
G60142-2016	20MP-16FPX45	7259-06685	1 1/4-11 1/2	1-11 1/2
G60142-2020	20MP-20FPX45	7259-11355	1 1/4-11 1/2	1 1/4-11 1/2
G60142-2424	24MP-24FPX45	7259-11745	1 1/2-11 1/2	1 1/2-11 1/2
G60142-3232	32MP-32FPX45	7259-32975	2-11 1/2	2-11 1/2

Male Pipe NPTF to Female Pipe Swivel NPSM - 90°

For use up to SAE 100R2 maximum working pressure.





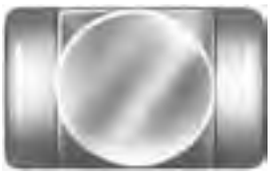
Part No.	Descr.	Prod. No.		
			"	"
G60144-0202	2MP-2FPX90	7259-08305	1/8-27	1/8-27
G60144-0204	2MP-4FPX90	7259-00415	1/8-27	1/4-18
G60144-0402	4MP-2FPX90	7259-05565	1/4-18	1/8-27
G60144-0404	4MP-4FPX90	7259-02135	1/4-18	1/4-18
G60144-0406	4MP-6FPX90	7259-10705	1/4-18	3/8-18
G60144-0408	4MP-8FPX90	7259-08685	1/4-18	1/2-14
G60144-0604	6MP-4FPX90	7259-10525	3/8-18	1/4-18
G60144-0606	6MP-6FPX90	7259-02165	3/8-18	3/8-18
G60144-0608	6MP-8FPX90	7259-10325	3/8-18	1/2-14
G60144-0804	8MP-4FPX90	7259-11175	1/2-14	1/4-18
G60144-0806	8MP-6FPX90	7259-10265	1/2-14	3/8-18
G60144-0808	8MP-8FPX90	7259-02205	1/2-14	1/2-14
G60144-0812	8MP-12FPX90	7259-11075	1/2-14	3/4-14
G60144-1204	12MP-4FPX90	7259-08695	3/4-14	1/4-18
G60144-1206	12MP-6FPX90	7259-06045	3/4-14	3/8-18
G60144-1208	12MP-8FPX90	7259-02245	3/4-14	1/2-14
G60144-1212	12MP-12FPX90	7259-02265	3/4-14	3/4-14

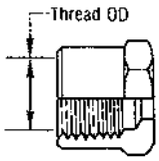
Male Pipe NPTF to Female Pipe Swivel NPSM - 90° - Cont'd

Part No.	Descr.	Prod. No.	"	"
G60144-1216	12MP-16FPX90	7259-05195	3/4-14	1-11 1/2
G60144-1220	12MP-20FPX90	7259-08705	3/4-14	3/4-14
G60144-1608	16MP-8FPX90	7259-06775	1-11 1/2	1/2-14
G60144-1612	16MP-12FPX90	7259-11275	1-11 1/2	3/4-14
G60144-1616	16MP-16FPX90	7259-10335	1-11 1/2	1-11 1/2
G60144-1620	16MP-20FPX90	7259-11475	1-11 1/2	1 1/4-11 1/2
G60144-2012	20MP-12FPX90	7259-08165	1 1/4-11 1/2	3/4-14
G60144-2016	20MP-16FPX90	7259-05435	1 1/4-11 1/2	1-11 1/2
G60144-2020	20MP-20FPX90	7259-11055	1 1/4-11 1/2	1 1/4-11 1/2
G60144-2024	20MP-24FPX90	7259-07865	1 1/4-11 1/2	1 1/2-11 1/2
G60144-2420	24MP-20FPX90	7259-06355	1 1/2-11 1/2	1 1/4-11 1/2
G60144-2424	24MP-24FPX90	7259-11655	1 1/2-11 1/2	1 1/2-11 1/2
G60144-3232	32MP-32FPX90	7259-32995	2-11 1/2	2-11 1/2

Female Pipe NPTF to Female Pipe NPTF

For use up to SAE 100R2 maximum working pressure.





Part No.	Descr.	Prod. No.	"	"
G60152-0202	2FP-2FP	7259-24415	1/8-27	1/8-27
G60152-0402	4FP-2FP	7259-05035	1/4-18	1/8-27
G60152-0404	4FP-4FP	7259-24425	1/4-18	1/4-18
G60152-0602	6FP-2FP	7259-08385	3/8-18	1/8-27
G60152-0604	6FP-4FP	7259-00495	3/8-18	1/4-18
G60152-0606	6FP-6FP	7259-24435	3/8-18	3/8-18
G60152-0804	8FP-4FP	7259-05575	1/2-14	1/4-18
G60152-0806	8FP-6FP	7259-00715	1/2-14	3/8-18
G60152-0808	8FP-8FP	7259-24445	1/2-14	1/2-14
G60152-1208	12FP-8FP	7259-00525	3/4-14	1/2-14
G60152-1212	12FP-12FP	7259-24455	3/4-14	3/4-14
G60152-1608	16FP-8FP	7259-08715	1-11 1/2	1/2-14
G60152-1612	16FP-12FP	7259-05745	1-11 1/2	3/4-14
G60152-1616	16FP-16FP	7259-24465	1-11 1/2	1-11 1/2
G60152-2016	20FP-16FP	7259-08395	1 1/4-11 1/2	1-11 1/2
G60152-2020	20FP-20FP	7259-24475	1 1/4-11 1/2	1 1/4-11 1/2
G60152-2424	24FP-24FP	7259-24885	1 1/2-11 1/2	1 1/2-11 1/2
G60152-3232	32FP-32FP	7259-24895	2-11 1/2	2-11 1/2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
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GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
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POLARSEAL II COUPLINGS
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POWER STEERING
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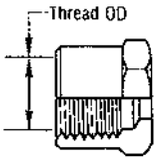
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Pipe NPTF to Female Pipe NPTF - 90°

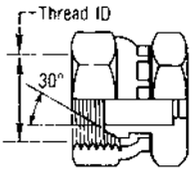
For use up to SAE 100R2 maximum working pressure.

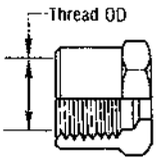


Part No.	Descr.	Prod. No.		
			"	"
G60156-0202	2FP-2FP90	7259-25015	1/8-27	1/8-27
G60156-0402	4FP-2FP90	7259-33005	1/4-18	1/8-27
G60156-0404	4FP-4FP90	7259-25025	1/4-18	1/4-18
G60156-0604	6FP-4FP90	7259-33015	3/8-18	1/4-18
G60156-0606	6FP-6FP90	7259-25035	3/8-18	3/8-18
G60156-0804	8FP-4FP90	7259-08725	1/2-14	1/4-18
G60156-0806	8FP-6FP90	7259-33025	1/2-14	3/8-18
G60156-0808	8FP-8FP90	7259-25045	1/2-14	1/2-14
G60156-1208	12FP-8FP90	7259-33035	3/4-14	1/2-14
G60156-1212	12FP-12FP90	7259-25055	3/4-14	3/4-14
G60156-1612	16FP-12FP90	7259-08175	1-11 1/2	3/4-14
G60156-1616	16FP-16FP90	7259-25065	1-11 1/2	1-11 1/2
G60156-2020	20FP-20FP90	7259-25075	1 1/4-11 1/2	1 1/4-11 1/2
G60156-2424	24FP-24FP90	7259-33055	1 1/2-11 1/2	1 1/2-11 1/2
G60156-3232	32FP-32FP90	7259-07485	2-11 1/2	2-11 1/2

Female Pipe NPTF to Female Pipe Swivel NPSM

For use up to SAE 100R2 maximum working pressure.





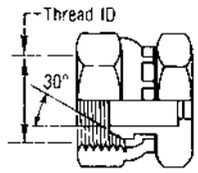
Part No.	Descr.	Prod. No.		
			"	"
G60160-0202	2FP-2FPX	7259-33065	1/8-27	1/8-27
G60160-0204	2FP-4FPX	7259-00435	1/8-27	1/4-18
G60160-0402	4FP-2FPX	7259-07515	1/4-18	1/8-27
G60160-0404	4FP-4FPX	7259-00795	1/4-18	1/4-18
G60160-0406	4FP-6FPX	7259-05205	1/4-18	3/8-18
G60160-0604	6FP-4FPX	7259-33085	3/8-18	1/4-18
G60160-0606	6FP-6FPX	7259-00835	3/8-18	3/8-18
G60160-0608	6FP-8FPX	7259-05105	3/8-18	1/2-14
G60160-0804	8FP-4FPX	7259-08735	1/2-14	1/4-18
G60160-0806	8FP-6FPX	7259-33095	1/2-14	3/8-18
G60160-0808	8FP-8FPX	7259-00915	1/2-14	1/2-14
G60160-0812	8FP-12FPX	7259-06695	1/2-14	3/4-14
G60160-1208	12FP-8FPX	7259-07165	3/4-14	1/2-14

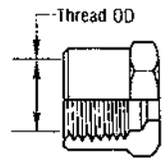
Female Pipe NPTF to Female Pipe Swivel NPSM - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G60160-1212	12FP-12FPX	7259-00925	3/4-14	3/4-14
G60160-1216	12FP-16FPX	7259-07775	3/4-14	1-11 1/2
G60160-1612	16FP-12FPX	7259-11595	1-11 1/2	3/4-14
G60160-1616	16FP-16FPX	7259-00905	1-11 1/2	1-11 1/2
G60160-2020	20FP-20FPX	7259-11015	1 1/4-11 1/2	1 1/4-11 1/2
G60160-2424	24FP-24FPX	7259-11545	1 1/2-11 1/2	1 1/2-11 1/2
G60160-3232	32FP-32FPX	7259-11725	2-11 1/2	2-11 1/2

Female Pipe NPTF to Female Pipe Swivel NPSM - 45°

For use up to SAE 100R2 maximum working pressure.





Part No.	Descr.	Prod. No.		
			"	"
G60162-0202	2FP-2FPX45	7259-06145	1/8-27	1/8-27
G60162-0204	2FP-4FPX45	7259-08745	1/8-27	1/4-18
G60162-0404	4FP-4FPX45	7259-11575	1/4-18	1/4-18
G60162-0604	6FP-4FPX45	7259-06785	3/8-18	1/4-18
G60162-0606	6FP-6FPX45	7259-11455	3/8-18	3/8-18
G60162-0608	6FP-8FPX45	7259-08185	3/8-18	1/2-14
G60162-0806	8FP-6FPX45	7259-06415	1/2-14	3/8-18
G60162-0808	8FP-8FPX45	7259-11305	1/2-14	1/2-14
G60162-1212	12FP-12FPX45	7259-11325	3/4-14	3/4-14
G60162-1612	16FP-12FPX45	7259-06565	1-11 1/2	3/4-14
G60162-1616	16FP-16FPX45	7259-11515	1-11 1/2	1-11 1/2
G60162-2020	20FP-20FPX45	7259-33105	1 1/4-11 1/2	1 1/4-11 1/2
G60162-2424	24FP-24FPX45	7259-07785	1 1/2-11 1/2	1 1/2-11 1/2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
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BARBED STEM
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POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
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PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
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PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
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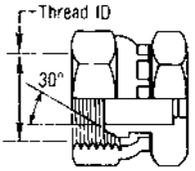
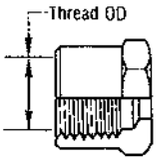
BALL VALVES
KITS

Female Pipe NPTF to Female Pipe Swivel NPSM - 90°

For use up to SAE 100R2 maximum working pressure.

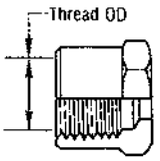




Part No.	Descr.	Prod. No.		
			"	"
G60164-0202	2FP-2FPX90	7259-05475	1/8-27	1/8-27
G60164-0204	2FP-4FPX90	7259-08755	1/8-27	1/4-18
G60164-0402	4FP-2FPX90	7259-06285	1/4-18	1/8-27
G60164-0404	4FP-4FPX90	7259-11005	1/4-18	1/4-18
G60164-0406	4FP-6FPX90	7259-06245	1/4-18	3/8-18
G60164-0604	6FP-4FPX90	7259-06825	3/8-18	1/4-18
G60164-0606	6FP-6FPX90	7259-10955	3/8-18	3/8-18
G60164-0608	6FP-8FPX90	7259-06965	3/8-18	1/2-14
G60164-0806	8FP-6FPX90	7259-06855	1/2-14	3/8-18
G60164-0808	8FP-8FPX90	7259-10615	1/2-14	1/2-14
G60164-0812	8FP-12FPX90	7259-06485	1/2-14	3/4-14
G60164-1208	12FP-8FPX90	7259-06585	3/4-14	1/2-14
G60164-1212	12FP-12FPX90	7259-11095	3/4-14	3/4-14
G60164-1612	16FP-12FPX90	7259-06595	1-11 1/2	3/4-14
G60164-1616	16FP-16FPX90	7259-11765	1-11 1/2	1-11 1/2
G60164-2016	20FP-16FPX90	7259-08405	1 1/4-11 1/2	1-11 1/2
G60164-2020	20FP-20FPX90	7259-33115	1 1/4-11 1/2	1 1/4-11 1/2
G60164-2424	24FP-24FPX90	7259-33125	1 1/2-11 1/2	1 1/2-11 1/2
G60164-3232	32FP-32FPX90	7259-33135	2-11 1/2	2-11 1/2

Female Pipe NPTF - Tee

For use up to SAE 100R2 maximum working pressure.



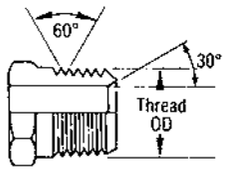
Part No.	Descr.	Prod. No.	
G60181-0202	2FP-2FP-2FP	7259-23145	1/8-27
G60181-0404	4FP-4FP-4FP	7259-23155	1/4-18
G60181-0606	6FP-6FP-6FP	7259-23165	3/8-18
G60181-0808	8FP-8FP-8FP	7259-23175	1/2-14
G60181-1212	12FP-12FP-12FP	7259-23185	3/4-14
G60181-1616	16FP-16FP-16FP	7259-23195	1-11 1/2
G60181-2020	20FP-20FP-20FP	7259-33145	1 1/4-11 1/2

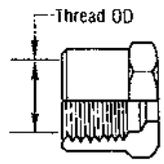
Female Pipe NPTF - Tee - Cont'd

Part No.	Descr.	Prod. No.	
G60181-2424	24FP-24FP-24FP	7259-33155	1 1/2-11 1/2
G60181-3232	32FP-32FP-32FP	7259-07245	2-11 1/2

Female Pipe NPTF on Run to Male Pipe NPTF - Tee

For use up to SAE 100R2 maximum working pressure.

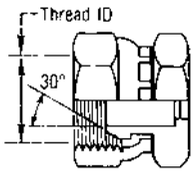




Part No.	Descr.	Prod. No.	
G60183-0202	2FP-2FP-2MP	7259-24905	1/8-27
G60183-0404	4FP-4FP-4MP	7259-24915	1/4-18
G60183-0606	6FP-6FP-6MP	7259-24925	3/8-18
G60183-0808	8FP-8FP-8MP	7259-24935	1/2-14
G60183-1212	12FP-12FP-12MP	7259-24945	3/4-14
G60183-1616	16FP-16FP-16MP	7259-24955	1-11 1/2
G60183-2020	20FP-20FP-20MP	7259-07875	1 1/4-11 1/2
G60183-2424	24FP-24FP-24MP	7259-08765	1 1/2-11 1/2

Female Pipe Swivel NPSM - Tee

For use up to SAE 100R2 maximum working pressure.



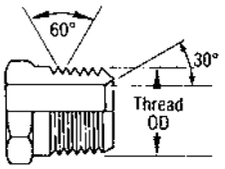
Part No.	Descr.	Prod. No.	
G60184-0202	2FPX-2FPX-2FPX	7253-33165	1/8-27
G60184-0404	4FPX-4FPX-4FPX	7253-33175	1/4-18
G60184-0606	6FPX-6FPX-6FPX	7253-33185	3/8-18
G60184-0808	8FPX-8FPX-8FPX	7259-33195	1/2-14
G60184-1212	12FPX-12FPX-12FPX	7259-33205	3/4-14
G60184-1616	16FPX-16FPX-16FPX	7253-33215	1-11 1/2
G60184-2020	20FPX-20FPX-20FPX	7253-33225	1 1/4-11 1/2

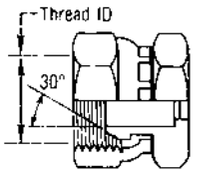
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Pipe Swivel NPSM on Run to Male Pipe NPTF - Tee

For use up to SAE 100R2 maximum working pressure.

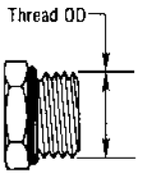




Part No.	Descr.	Prod. No.	
G60186-0202	2FPX-2FPX-2MP	7253-86585	1/8-27
G60186-0404	4FPX-4FPX-4MP	7253-86586	1/4-18
G60186-0606	6FPX-6FPX-6MP	7253-86587	3/8-18
G60186-0808	8FPX-8FPX-8MP	7253-86588	1/2-14
G60186-1212	12FPX-12FPX-12MP	7253-86589	3/4-14
G60186-1616	16FPX-16FPX-16MP	7253-86591	1-11 1/2
G60186-2020	20FPX-20FPX-20MP	7253-33235	1 1/4-11 1/2
G60186-2424	24FPX-24FPX-24MP	7259-07605	1 1/2-11 1/2

Male O-Ring Boss Plug

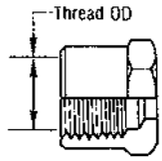
For use up to SAE 100R2 maximum working pressure.

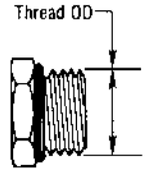


Part No.	Descr.	Prod. No.	
G60250-0002	2MB-PLUG	7259-05415	5/16-24
G60250-0003	3MB-PLUG	7259-05255	3/8-24
G60250-0004	4MB-PLUG	7259-22975	7/16-20
G60250-0005	5MB-PLUG	7259-22985	1/2-20
G60250-0006	6MB-PLUG	7259-22995	9/16-18
G60250-0008	8MB-PLUG	7259-23005	3/4-16
G60250-0010	10MB-PLUG	7259-23015	7/8-14
G60250-0012	12MB-PLUG	7259-23025	1 1/16-12
G60250-0014	14MB-PLUG	7259-23035	1 3/16-12
G60250-0016	16MB-PLUG	7259-23045	1 5/16-12
G60250-0020	20MB-PLUG	7259-23055	1 5/8-12
G60250-0024	24MB-PLUG	7259-05185	1 7/8-12
G60250-0032	32MB-PLUG	7259-07615	2 1/2-12

Male O-Ring Boss to Female Pipe NPTF

For use up to SAE 100R2 maximum working pressure.

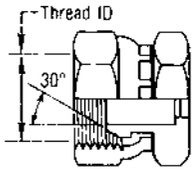


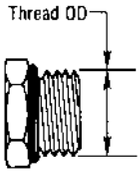


Part No.	Descr.	Prod. No.		
			"	"
G60275-0302	3MB-2FP	7259-08785	3/8-24	1/8-27
G60275-0402	4MB-2FP	7259-24205	7/16-20	1/8-27
G60275-0404	4MB-4FP	7259-00395	7/16-20	1/4-18
G60275-0406	4MB-6FP	7259-05145	7/16-20	3/8-18
G60275-0502	5MB-2FP	7259-05945	1/2-20	1/8-27
G60275-0504	5MB-4FP	7259-05755	1/2-20	1/4-18
G60275-0602	6MB-2FP	7259-08805	9/16-18	1/8-27
G60275-0604	6MB-4FP	7259-24215	9/16-18	1/4-18
G60275-0606	6MB-6FP	7259-00205	9/16-18	3/8-18
G60275-0608	6MB-8FP	7259-06605	9/16-18	1/2-14
G60275-0804	8MB-4FP	7259-00245	3/4-16	1/4-18
G60275-0806	8MB-6FP	7259-24225	3/4-16	3/8-18
G60275-0808	8MB-8FP	7259-33255	3/4-16	1/2-14
G60275-0812	8MB-12FP	7259-06715	3/4-16	3/4-14
G60275-1004	10MB-4FP	7259-07255	7/8-14	1/4-18
G60275-1006	10MB-6FP	7259-00335	7/8-14	3/8-18
G60275-1008	10MB-8FP	7259-24235	7/8-14	1/2-14
G60275-1012	10MB-12FP	7259-05315	7/8-14	3/4-14
G60275-1208	12MB-8FP	7259-24245	1 1/16-12	1/2-14
G60275-1212	12MB-12FP	7259-24255	1 1/16-12	3/4-14
G60275-1216	12MB-16FP	7259-06155	1 1/16-12	1-11 1/2
G60275-1412	14MB-12FP	7259-24265	1 3/16-12	3/4-14
G60275-1608	16MB-8FP	7259-05495	1 5/16-12	7/8-14
G60275-1612	16MB-12FP	7259-33265	1 5/16-12	3/4-14
G60275-1616	16MB-16FP	7259-24275	1 5/16-12	1-11 1/2
G60275-2016	20MB-16FP	7259-05445	1 5/8-12	1-11 1/2

Male O-Ring Boss to Female Pipe Swivel NPSM

For use up to SAE 100R2 maximum working pressure.





Part No.	Descr.	Prod. No.		
			"	"
G60285-0402	4MB-2FPX	7259-06725	7/16-20	1/8-27
G60285-0404	4MB-4FPX	7259-10475	7/16-20	1/4-18
G60285-0406	4MB-6FPX	7259-05395	7/16-20	3/8-18

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
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SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
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LOW PRESSURE COUPLINGS
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POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
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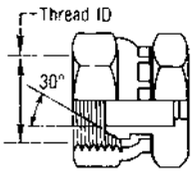
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

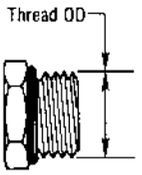
Male O-Ring Boss to Female Pipe Swivel NPSM - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G60285-0504	5MB-4FPX	7259-11065	1/2-20	1/4-18
G60285-0508	5MB-8FPX	7259-11735	1/2-20	1/2-14
G60285-0604	6MB-4FPX	7259-10585	9/16-18	1/4-18
G60285-0606	6MB-6FPX	7259-10445	9/16-18	3/8-18
G60285-0608	6MB-8FPX	7259-07495	9/16-18	1/2-24
G60285-0804	8MB-4FPX	7259-11115	3/4-16	1/4-18
G60285-0806	8MB-6FPX	7259-10535	3/4-16	3/8-18
G60285-0808	8MB-8FPX	7259-00295	3/4-16	1/2-14
G60285-0812	8MB-12FPX	7259-11105	3/4-16	3/4-14
G60285-1006	10MB-6FPX	7259-11155	7/8-14	3/8-18
G60285-1008	10MB-8FPX	7259-10215	7/8-14	1/2-14
G60285-1012	10MB-12FPX	7259-10665	7/8-14	3/4-14
G60285-1208	12MB-8FPX	7259-10725	1 1/16-12	1/2-14
G60285-1212	12MB-12FPX	7259-10315	1 1/16-12	3/4-14
G60285-1216	12MB-16FPX	7259-05535	1 1/16-12	1-11 1/2
G60285-1412	14MB-12FPX	7259-33275	1 3/16-12	3/4-14
G60285-1612	16MB-12FPX	7259-05115	1 5/16-12	3/4-14
G60285-1616	16MB-16FPX	7259-33285	1 5/16-12	1-11 1/2
G60285-1620	16MB-20FPX	7259-08035	1 5/16-12	1 1/4-11 1/2
G60285-2012	20MB-12FPX	7259-08815	1 5/8-12	3/4-14
G60285-2016	20MB-16FPX	7259-06925	1 5/8-12	1-11 1/2
G60285-2020	20MB-20FPX	7259-05605	1 5/8-12	1 1/4-11 1/2
G60285-2420	24MB-20FPX	7259-08825	1 7/8-12	1 1/4-11 1/2
G60285-2424	24MB-24FPX	7259-07625	1 7/8-12	1 1/2-11 1/2
G60285-3232	32MB-32FPX	7259-07885	2 1/2-12	2-11 1/2

Male O-Ring Boss to Female Pipe Swivel NPSM - 45°

For use up to SAE 100R2 maximum working pressure.





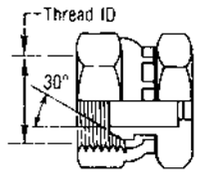
Part No.	Descr.	Prod. No.		
			"	"
G60287-0402	4MB-2FPX45	7259-08835	7/16-20	1/8-27
G60287-0404	4MB-4FPX45	7259-05015	7/16-20	1/4-18
G60287-0406	4MB-6FPX45	7259-07795	7/16-20	3/8-18
G60287-0604	6MB-4FPX45	7259-05825	9/16-18	1/4-18
G60287-0606	6MB-6FPX45	7259-10915	9/16-18	3/8-18
G60287-0608	6MB-8FPX45	7259-06365	9/16-18	1/2-14
G60287-0804	8MB-4FPX45	7259-08845	3/4-16	1/4-18
G60287-0806	8MB-6FPX45	7259-11495	3/4-16	3/8-18
G60287-0808	8MB-8FPX45	7259-10875	3/4-16	1/2-14
G60287-0812	8MB-12FPX45	7259-33295	3/4-16	3/4-14
G60287-1006	10MB-6FPX45	7259-11645	7/8-14	3/8-18
G60287-1008	10MB-8FPX45	7259-10815	7/8-14	1/2-14

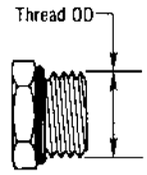
Male O-Ring Boss to Female Pipe Swivel NPSM - 45° - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G60287-1012	10MB-12FPX45	7259-06575	7/8-14	3/4-14
G60287-1208	12MB-8FPX45	7259-08205	1 1/16-12	1/2-14
G60287-1212	12MB-12FPX45	7259-11315	1 1/16-12	3/4-14
G60287-1216	12MB-16FPX45	7259-07265	1 1/16-12	1-11 1/2
G60287-1612	16MB-12FPX45	7259-07425	1 5/16-12	3/4-14
G60287-1616	16MB-16FPX45	7259-33325	1 5/16-12	1-11 1/2
G60287-2020	20MB-20FPX45	7259-06615	1 5/8-12	1 1/4-11 1/2
G60287-2424	24MB-24FPX45	7259-08415	1 7/8-12	1 1/2-11 1/2

Male O-Ring Boss to Female Pipe Swivel NPSM - 90°

For use up to SAE 100R2 maximum working pressure.





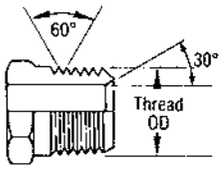
Part No.	Descr.	Prod. No.		
			"	"
G60289-0402	4MB-2FPX90	7259-08215	7/16-20	1/8-27
G60289-0404	4MB-4FPX90	7259-10835	7/16-20	1/4-18
G60289-0406	4MB-6FPX90	7259-06625	7/16-20	3/8-18
G60289-0604	6MB-4FPX90	7259-10405	9/16-18	1/4-18
G60289-0606	6MB-6FPX90	7259-10285	9/16-18	3/8-18
G60289-0608	6MB-8FPX90	7259-05045	9/16-18	1/2-14
G60289-0804	8MB-4FPX90	7259-06175	3/4-16	1/4-18
G60289-0806	8MB-6FPX90	7259-10295	3/4-16	3/8-18
G60289-0808	8MB-8FPX90	7259-10155	3/4-16	1/2-14
G60289-0812	8MB-12FPX90	7259-11335	3/4-16	3/4-14
G60289-1006	10MB-6FPX90	7259-11215	7/8-14	3/8-18
G60289-1008	10MB-8FPX90	7259-10345	7/8-14	1/2-14
G60289-1012	10MB-12FPX90	7259-11295	7/8-14	3/4-14
G60289-1206	12MB-6FPX90	7259-07895	1 1/16-12	3/8-18
G60289-1208	12MB-8FPX90	7259-00515	1 1/16-12	1/2-14
G60289-1212	12MB-12FPX90	7259-10575	1 1/16-12	3/4-14
G60289-1216	12MB-16FPX90	7259-06935	1 1/16-12	1-11 1/2
G60289-1412	14MB-12FPX90	7259-07175	1 3/16-12	3/4-14
G60289-1612	16MB-12FPX90	7259-05805	1 5/16-12	3/4-14
G60289-1616	16MB-16FPX90	7259-11125	1 5/16-12	1-11 1/2
G60289-1620	16MB-20FPX90	7259-06875	1 5/16-12	1 1/4-11 1/2
G60289-2012	20MB-12FPX90	7259-06945	1 5/8-12	3/4-14
G60289-2016	20MB-16FPX90	7259-06635	1 5/8-12	1-11 1/2
G60289-2020	20MB-20FPX90	7259-05905	1 5/8-12	1 1/4-11 1/2
G60289-2424	24MB-24FPX90	7259-08855	1 7/8-12	1 1/2-11 1/2
G60289-3232	32MB-32FPX90	7259-08045	2 1/2-12	2-11 1/2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female O-Ring Boss to Male Pipe NPTF

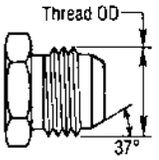
For use up to SAE 100R2 maximum working pressure.

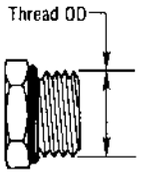


Part No.	Descr.	Prod. No.		
			"	"
G60291-0402	4FB-2MP	7259-33335	7/16-20	1/8-27
G60291-0404	4FB-4MP	7259-06515	7/16-20	1/4-18
G60291-0502	5FB-2MP	7259-33355	1/2-20	1/8-27
G60291-0604	6FB-4MP	7259-33345	9/16-18	1/4-18
G60291-0606	6FB-6MP	7259-00385	9/16-18	3/8-18
G60291-0608	6FB-8MP	7259-00485	9/16-18	1/2-14
G60291-0806	8FB-6MP	7259-33365	3/4-16	3/8-18
G60291-0808	8FB-8MP	7259-08875	3/4-16	1/2-14
G60291-1008	10FB-8MP	7259-33375	7/8-14	1/2-14
G60291-1208	12FB-8MP	7259-06955	1 1/16-12	1/2-14
G60291-1212	12FB-12MP	7259-33385	1 1/16-12	3/4-14
G60291-1612	16FB-12MP	7259-08885	1 5/16-12	3/4-14
G60291-1616	16FB-16MP	7259-33395	1 5/16-12	1-11 1/2

Male O-Ring Boss to Male JIC 37° Flare

For use up to SAE 100R2 maximum working pressure.





Part No.	Descr.	Prod. No.		
			"	"
G60301-0202	2MB-2MJ	7259-07275	5/16-24	5/16-24
G60301-0204	2MB-4MJ	7259-08895	5/16-24	7/16-20
G60301-0303	3MB-3MJ	7259-08055	3/8-24	3/8-24
G60301-0304	3MB-4MJ	7259-06255	3/8-24	7/16-20
G60301-0403	4MB-3MJ	7259-08905	7/16-20	3/8-24
G60301-0404	4MB-4MJ	7259-10025	7/16-20	7/16-20
G60301-0405	4MB-5MJ	7259-05005	7/16-20	1/2-20
G60301-0406	4MB-6MJ	7259-33405	7/16-20	9/16-18
G60301-0408	4MB-8MJ	7259-08915	7/16-20	3/4-16
G60301-0503	5MB-3MJ	7253-86885	1/2-20	3/8-24
G60301-0504	5MB-4MJ	7259-10775	1/2-20	7/16-20
G60301-0505	5MB-5MJ	7259-10855	1/2-20	1/2-20
G60301-0506	5MB-6MJ	7259-33415	1/2-20	9/16-18
G60301-0604	6MB-4MJ	7259-10045	9/16-18	7/16-20
G60301-0605	6MB-5MJ	7259-00455	9/16-18	1/2-20
G60301-0606	6MB-6MJ	7259-04685	9/16-18	9/16-18
G60301-0608	6MB-8MJ	7259-10145	9/16-18	3/4-16

Male O-Ring Boss to Male JIC 37° Flare - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G60301-0610	6MB-10MJ	7259-33425	9/16-18	7/8-14
G60301-0612	6MB-12MJ	7259-07635	9/16-18	1 1/16-12
G60301-0804	8MB-4MJ	7259-00025	3/4-16	7/16-20
G60301-0805	8MB-5MJ	7259-06885	3/4-16	1/2-20
G60301-0806	8MB-6MJ	7259-04775	3/4-16	9/16-18
G60301-0808	8MB-8MJ	7259-10015	3/4-16	3/4-16
G60301-0810	8MB-10MJ	7259-10425	3/4-16	7/8-14
G60301-0812	8MB-12MJ	7259-10305	3/4-16	1 1/16-12
G60301-0816	8MB-16MJ	7259-07285	3/4-16	1 5/16-12
G60301-1004	10MB-4MJ	7259-00105	7/8-14	7/16-20
G60301-1006	10MB-6MJ	7259-10095	7/8-14	9/16-18
G60301-1008	10MB-8MJ	7259-10075	7/8-14	3/4-16
G60301-1010	10MB-10MJ	7259-10065	7/8-14	7/8-14
G60301-1012	10MB-12MJ	7259-00235	7/8-14	1 1/16-12
G60301-1016	10MB-16MJ	7259-00355	7/8-14	1 5/16-12
G60301-1204	12MB-4MJ	7259-07905	1 1/16-12	7/16-20
G60301-1206	12MB-6MJ	7259-00305	1 1/16-12	9/16-18
G60301-1208	12MB-8MJ	7259-10035	1 1/16-12	3/4-16
G60301-1210	12MB-10MJ	7259-10755	1 1/16-12	7/8-14
G60301-1212	12MB-12MJ	7259-10115	1 1/16-12	1 1/16-12
G60301-1214	12MB-14MJ	7259-08225	1 1/16-12	1 3/16-12
G60301-1216	12MB-16MJ	7259-10885	1 1/16-12	1 5/16-12
G60301-1220	12MB-20MJ	7259-06005	1 1/16-12	1 5/8-12
G60301-1410	14MB-10MJ	7259-08425	1 3/16-12	7/8-14
G60301-1412	14MB-12MJ	7259-06185	1 3/16-12	1 1/16-12
G60301-1414	14MB-14MJ	7259-07525	1 3/16-12	1 3/16-12
G60301-1416	14MB-16MJ	7259-08235	1 3/16-12	1 5/16-12
G60301-1608	16MB-8MJ	7259-00125	1 5/16-12	3/4-16
G60301-1610	16MB-10MJ	7259-11385	1 5/16-12	7/8-14
G60301-1612	16MB-12MJ	7259-10135	1 5/16-12	1 1/16-12
G60301-1614	16MB-14MJ	7259-08245	1 5/16-12	1 3/16-12
G60301-1616	16MB-16MJ	7259-10055	1 5/16-12	1 5/16-12
G60301-1620	16MB-20MJ	7259-05485	1 5/16-12	1 5/8-12
G60301-2010	20MB-10MJ	7253-86907	1 5/8-12	7/8-14
G60301-2012	20MB-12MJ	7259-11255	1 5/8-12	1 1/16-12
G60301-2016	20MB-16MJ	7259-10245	1 5/8-12	1 5/16-12
G60301-2020	20MB-20MJ	7259-11235	1 5/8-12	1 5/8-12
G60301-2024	20MB-24MJ	7259-06315	1 5/8-12	1 7/8-12
G60301-2416	24MB-16MJ	7259-00365	1 7/8-12	1 5/16-12
G60301-2420	24MB-20MJ	7259-05505	1 7/8-12	1 5/8-12
G60301-2424	24MB-24MJ	7259-05345	1 7/8-12	1 7/8-12
G60301-3224	32MB-24MJ	7259-07645	2 1/2-12	1 7/8-12
G60301-3232	32MB-32MJ	7259-09855	2 1/2-12	2 1/2-12

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
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SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
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SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
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POLARSEAL II COUPLINGS
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POWER STEERING
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ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
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STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
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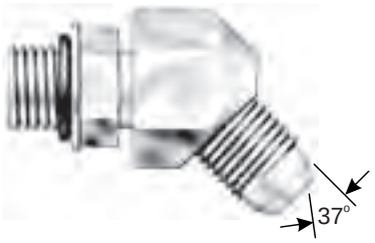
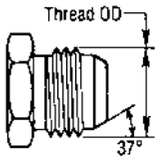
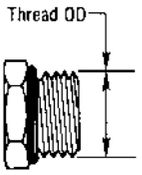
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male O-Ring Boss to Male JIC 37° Flare - 45°

For use up to SAE 100R2 maximum working pressure.



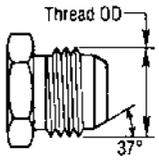


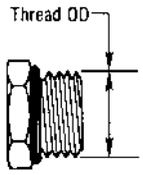


Part No.	Descr.	Prod. No.		
			"	"
G60308-0404	4MB-4MJ45	7259-28565	7/16-20	7/16-20
G60308-0406	4MB-6MJ45	7259-00095	7/16-20	9/16-18
G60308-0504	4MB-5MJ45	7259-06295	7/16-20	1/2-20
G60308-0505	5MB-5MJ45	7259-28575	1/2-20	1/2-20
G60308-0506	5MB-6MJ45	7259-05405	1/2-20	9/16-18
G60308-0604	6MB-4MJ45	7259-00065	9/16-18	7/16-20
G60308-0606	6MB-6MJ45	7259-28585	9/16-18	9/16-18
G60308-0608	6MB-8MJ45	7259-05335	9/16-18	3/4-16
G60308-0806	8MB-6MJ45	7259-77595	3/4-16	9/16-18
G60308-0808	8MB-8MJ45	7259-28255	3/4-16	3/4-16
G60308-0810	8MB-10MJ45	7259-28415	3/4-16	7/8-14
G60308-0812	8MB-12MJ45	7259-06895	3/4-16	1 1/16-12
G60308-1008	10MB-8MJ45	7259-28425	7/8-14	3/4-16
G60308-1010	10MB-10MJ45	7259-10895	7/8-14	7/8-14
G60308-1012	10MB-12MJ45	7259-05785	7/8-14	1 1/16-12
G60308-1210	12MB-10MJ45	7259-77605	1 1/16-12	7/8-14
G60308-1212	12MB-12MJ45	7259-28595	1 1/16-12	1 1/16-12
G60308-1216	12MB-16MJ45	7259-28435	1 1/16-12	1 5/16-12
G60308-1414	14MB-14MJ45	7259-28605	1 3/16-12	1 3/16-12
G60308-1612	16MB-12MJ45	7259-28445	1 5/16-12	1 1/16-12
G60308-1616	16MB-16MJ45	7259-28615	1 5/16-12	1 5/16-12
G60308-1620	16MB-20MJ45	7259-08065	1 5/16-12	1 5/8-12
G60308-2016	20MB-16MJ45	7259-07295	1 5/8-12	1 5/16-12
G60308-2020	20MB-20MJ45	7259-05955	1 5/8-12	1 5/8-12
G60308-2424	24MB-24MJ45	7259-06975	1 7/8-12	1 7/8-12

Male O-Ring Boss to Male JIC 37° Flare - 90°

For use up to SAE 100R2 maximum working pressure.





Part No.	Descr.	Prod. No.		
			"	"
G60312-0202	2MB-2MJ90	7259-08925	5/16-24	5/16-24
G60312-0303	3MB-3MJ90	7259-77615	3/8-24	3/8-24
G60312-0404	4MB-4MJ90	7259-28265	7/16-20	7/16-20
G60312-0405	4MB-5MJ90	7259-77625	7/16-20	1/2-20
G60312-0406	4MB-6MJ90	7259-28455	7/16-20	9/16-18
G60312-0408	4MB-8MJ90	7259-09825	7/16-20	3/4-16
G60312-0504	5MB-4MJ90	7259-05615	1/2-20	7/16-20
G60312-0505	5MB-5MJ90	7259-28625	1/2-20	1/2-20
G60312-0506	5MB-6MJ90	7259-05075	1/2-20	9/16-18
G60312-0508	5MB-8MJ90	7259-06985	1/2-20	3/4-16
G60312-0604	6MB-4MJ90	7259-28465	9/16-18	7/16-20
G60312-0605	6MB-5MJ90	7259-28475	9/16-18	1/2-20
G60312-0606	6MB-6MJ90	7259-28275	9/16-18	9/16-18
G60312-0608	6MB-8MJ90	7259-28485	9/16-18	3/4-16
G60312-0610	6MB-10MJ90	7259-28495	9/16-18	7/8-14
G60312-0612	6MB-12MJ90	7259-07915	9/16-18	1 1/16-12
G60312-0804	8MB-4MJ90	7259-05165	3/4-16	7/16-20
G60312-0805	8MB-5MJ90	7259-08075	3/4-16	1/2-20
G60312-0806	8MB-6MJ90	7259-28505	3/4-16	9/16-18
G60312-0808	8MB-8MJ90	7259-28285	3/4-16	3/4-16
G60312-0810	8MB-10MJ90	7259-28515	3/4-16	7/8-14
G60312-0812	8MB-12MJ90	7259-28525	3/4-16	1 1/16-12
G60312-0816	8MB-16MJ90	7259-08445	1 5/16-12	3/4-16
G60312-1005	10MB-5MJ90	7259-08935	7/8-14	1/2-20
G60312-1006	10MB-6MJ90	7259-00215	7/8-14	9/16-18
G60312-1008	10MB-8MJ90	7259-28295	7/8-14	3/4-16
G60312-1010	10MB-10MJ90	7259-28635	7/8-14	7/8-14
G60312-1012	10MB-12MJ90	7259-28535	7/8-14	1 1/16-12
G60312-1016	10MB-16MJ90	7259-05275	7/8-14	1 5/16-12
G60312-1206	12MB-6MJ90	7259-05065	1 1/16-12	9/16-18
G60312-1208	12MB-8MJ90	7259-00055	1 1/16-12	3/4-16
G60312-1210	12MB-10MJ90	7259-28545	1 1/16-12	7/8-14
G60312-1212	12MB-12MJ90	7259-28645	1 1/16-12	1 1/16-12
G60312-1214	12MB-14MJ90	7259-08945	1 1/16-12	1 3/16-12
G60312-1216	12MB-16MJ90	7259-28555	1 1/16-12	1 5/16-12
G60312-1220	12MB-20MJ90	7259-08435	1 1/16-12	1 5/8-12
G60312-1412	14MB-12MJ90	7259-06435	1 3/16-12	1 1/16-12
G60312-1414	14MB-14MJ90	7259-28655	1 3/16-12	1 3/16-12
G60312-1416	14MB-16MJ90	7259-07305	1 3/16-12	1 5/16-12

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
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PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
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AIR BRAKE FOR RUBBER HOSE
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BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
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POLARSEAL II COUPLINGS
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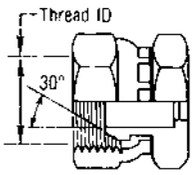
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

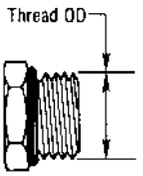
Male O-Ring Boss to Male JIC 37° Flare - 90° - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G60312-1420	14MB-20MJ90	7259-08955	1 3/16-12	1 5/8-12
G60312-1608	16MB-8MJ90	7259-05885	1 5/16-12	3/4-16
G60312-1610	16MB-10MJ90	7259-08965	1 5/16-12	7/8-14
G60312-1612	16MB-12MJ90	7259-28315	1 5/16-12	1 1/16-12
G60312-1614	16MB-14MJ90	7259-08975	1 5/16-12	1 3/16-12
G60312-1616	16MB-16MJ90	7259-28325	1 5/16-12	1 5/16-12
G60312-1620	16MB-20MJ90	7259-77655	1 5/16-12	1 5/8-12
G60312-1624	16MB-24MJ90	7259-08255	1 5/16-12	1 7/8-12
G60312-2010	20MB-10MJ90	7259-08265	1 5/8-12	7/8-14
G60312-2012	20MB-12MJ90	7259-05995	1 5/8-12	1 1/16-12
G60312-2016	20MB-16MJ90	7259-05055	1 5/8-12	1 5/16-12
G60312-2020	20MB-20MJ90	7259-77665	1 5/8-12	1 5/8-12
G60312-2024	20MB-24MJ90	7259-06015	1 5/8-12	1 7/8-12
G60312-2420	24MB-20MJ90	7259-06525	1 7/8-12	1 5/8-12
G60312-2424	24MB-24MJ90	7259-77675	1 7/8-12	1 7/8-12
G60312-3232	32MB-32MJ90	7259-07135	2 1/2-12	2 1/2-12

Male O-Ring Boss to Female JIC 37° Flare Swivel

For use up to SAE 100R2 maximum working pressure.

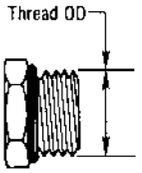


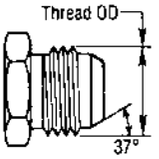


Part No.	Descr.	Prod. No.	
G60320-0606	6MB-6FJX	7259-42155	9/16-18
G60320-0808	8MB-8FJX	7259-42185	3/4-16

Male JIC 37° Flare on Run to Male O-Ring Boss - Tee

For use up to SAE 100R2 maximum working pressure.





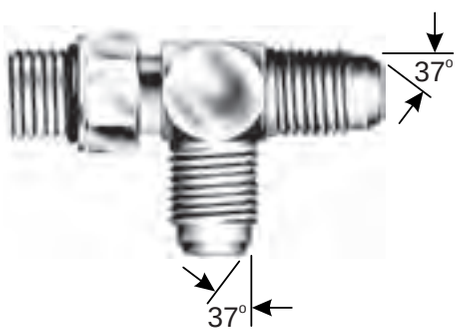
Part No.	Descr.	Prod. No.			
			"	"	"
G60350-0404	4MJ-4MJ-4MB	7259-33615	7/16-20	7/16-20	7/16-20
G60350-0505	5MJ-5MJ-5MB	7259-33625	1/2-20	1/2-20	1/2-20

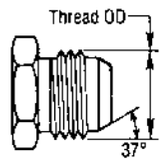
Male JIC 37° Flare on Run to Male O-Ring Boss - Tee - Cont'd

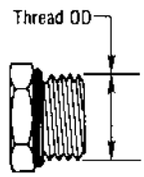
Part No.	Descr.	Prod. No.			
			"	"	"
G60350-0606	6MJ-6MJ-6MB	7259-33635	9/16-18	9/16-18	9/16-18
G60350-0608	6MJ-6MJ-8MB	7259-06165	9/16-18	9/16-18	3/4-16
G60350-0808	8MJ-8MJ-8MB	7259-33645	3/4-16	3/4-16	3/4-16
G60350-0810	8MJ-8MJ-10MB	7259-07655	3/4-16	3/4-16	7/8-14
G60350-1010	10MJ-10MJ-10MB	7259-33655	7/8-14	7/8-14	7/8-14
G60350-1210	12MJ-12MJ-10MB	7259-08985	1 1/16-12	1 1/16-12	7/8-14
G60350-1212	12MJ-12MJ-12MB	7259-33665	1 1/16-12	1 1/16-12	1 1/16-12
G60350-1414	14MJ-14MJ-14MB	7259-08995	1 3/16-12	1 3/16-12	1 3/16-12
G60350-1616	16MJ-16MJ-16MB	7259-33675	1 5/16-12	1 5/16-12	1 5/16-12
G60350-2020	20MJ-20MJ-20MB	7259-09005	1 5/8-12	1 5/8-12	1 5/8-12
G60350-2424	24MJ-24MJ-24MB	7259-09015	1 7/8-12	1 7/8-12	1 7/8-12

Male O-Ring Boss to Male JIC 37° Flare to Male JIC 37° Flare - Tee

For use up to SAE 100R2 maximum working pressure.







Part No.	Descr.	Prod. No.			
			"	"	"
G60352-0404	4MB-4MJ-4MJ	7259-33685	7/16-20	7/16-20	7/16-20
G60352-0505	5MB-5MJ-5MJ	7259-33695	1/2-20	1/2-20	1/2-20
G60352-0606	6MB-6MJ-6MJ	7259-33705	9/16-18	9/16-18	9/16-18
G60352-0608	6MB-8MJ-6MJ	7259-00185	9/16-18	3/4-16	9/16-18
G60352-0808	8MB-8MJ-8MJ	7259-33715	3/4-16	3/4-16	3/4-16
G60352-1010	10MB-10MJ-10MJ	7259-33725	7/8-14	7/8-14	7/8-14
G60352-1212	12MB-12MJ-12MJ	7259-33735	1 1/16-12	1 1/16-12	1 1/16-12
G60352-1216	12MB-12MJ-16MJ	7259-09025	1 1/16-12	1 1/16-12	1 5/16-12
G60352-1414	14MB-14MJ-14MJ	7259-09035	1 3/16-12	1 3/16-12	1 3/16-12
G60352-1616	16MB-16MJ-16MJ	7259-33745	1 5/16-12	1 5/16-12	1 5/16-12
G60352-2020	20MB-20MJ-20MJ	7259-07535	1 5/8-12	1 5/8-12	1 5/8-12
G60352-2424	24MB-24MJ-24MJ	7259-09045	1 7/8-12	1 7/8-12	1 7/8-12

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
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SURELOK
HOSE CUTTERS & TOOLS
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AIR BRAKE HOSE ASSEMBLIES
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LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
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Tube Sleeve

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	A1	Std. Pack
G60394-0003	3TS	7259-78275	3/16	5
G60394-0004	4TS	7259-23905	1/4	5
G60394-0005	5TS	7259-23915	5/16	5
G60394-0006	6TS	7259-23925	3/8	5
G60394-0008	8TS	7259-23935	1/2	5
G60394-0010	10TS	7259-23945	5/8	1
G60394-0012	12TS	7259-23955	3/4	1
G60394-0014	14TS	7259-23965	7/8	1
G60394-0016	16TS	7259-23975	1	1
G60394-0020	20TS	7259-23985	1 1/4	1
G60394-0024	24TS	7259-23995	1 1/2	1
G60394-0032	32TS	7259-24005	2	1

Tube Sleeve Nut

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	A1		H1	Std. Pack
G60395-0002	2TSN	7259-06805	1/8	5/16-24	3/8	1
G60395-0003	3TSN	7259-78295	3/16	3/8-24	1/4	1
G60395-0004	4TSN	7259-01105	1/4	7/16-20	9/16	1
G60395-0005	5TSN	7259-01115	5/16	1/2-20	5/8	1
G60395-0006	6TSN	7259-01125	3/8	9/16-18	11/16	1
G60395-0008	8TSN	7259-01135	1/2	3/4-16	7/8	1
G60395-0010	10TSN	7259-01145	5/8	7/8-14	1	1
G60395-0012	12TSN	7259-01155	3/4	1 1/16-12	1 1/4	1
G60395-0014	14TSN	7259-01165	7/8	1 3/16-12	1 3/8	1
G60395-0016	16TSN	7259-01175	1	1 5/16-12	1 1/2	1
G60395-0020	20TSN	7259-01185	1 1/4	1 5/8-12	2	1
G60395-0024	24TSN	7259-01195	1 1/2	1 7/8-12	2 1/4	1
G60395-0032	32TSN	7259-09055	2	2 1/2-12	2 7/8	1

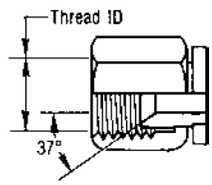
Locknuts for Bulkhead Fittings

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		H1	Std. Pack
G60399-0004	4LN-SH	7259-24605	7/16-20	11/16	5
G60399-0005	5LN	7253-24615	1/2-20	3/4	5
G60399-0006	6LN-SH	7257-24625	9/16	11/16	5
G60399-0008	8LN-SH	7257-24635	3/4-16	1	5
G60399-0012	12LN	7253-24655	1 1/16-12	1 3/8	1
G60399-0016	16LN	7253-24665	1 5/16-12	1 5/8	1

Female JIC 37° Flare Cap

For use up to SAE 100R2 maximum working pressure.



Part No.	Descr.	Prod. No.	
G60401-0002	2FJ-CAP	7259-09865	5/16-24
G60401-0003	3FJ-CAP	7259-07435	3/16-24
G60401-0004	4FJ-CAP	7259-24305	7/16-20
G60401-0005	5FJ-CAP	7259-24315	1/2-20
G60401-0006	6FJ-CAP	7259-24325	9/16-18
G60401-0008	8FJ-CAP	7259-24335	3/4-16
G60401-0010	10FJ-CAP	7259-24345	7/8-14
G60401-0012	12FJ-CAP	7259-24355	1 1/16-12
G60401-0014	14FJ-CAP	7259-00445	1 3/16-12
G60401-0016	16FJ-CAP	7259-24365	1 5/16-12
G60401-0020	20FJ-CAP	7253-24375	1 5/8-12
G60401-0024	24FJ-CAP	7259-24385	1 7/8-12
G60401-0032	32FJ-CAP	7259-24405	2 1/2-12

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
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STAINLESS STEEL
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GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
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BALL VALVES
KITS

EQUIPMENT
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GLOBALSPIRAL HIGH PRESSURE COUPLINGS
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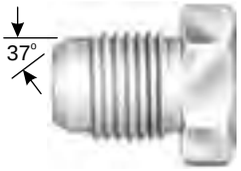
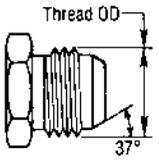
Male JIC 37° Flare Plug

For use up to SAE 100R2 maximum working pressure.

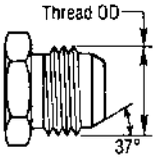




Part No.	Descr.	Prod. No.	
G60402-0003	3MJ-PLUG	7259-09775	3/8-24
G60402-0004	4MJ-PLUG	7259-22885	7/16-20
G60402-0005	5MJ-PLUG	7259-22895	1/2-20
G60402-0006	6MJ-PLUG	7259-22905	9/16-18
G60402-0008	8MJ-PLUG	7259-22915	3/4-16
G60402-0010	10MJ-PLUG	7259-22925	7/8-14
G60402-0012	12MJ-PLUG	7259-22935	1 1/16-12
G60402-0014	14MJ-PLUG	7259-22945	1 5/16-12
G60402-0016	16MJ-PLUG	7259-22955	1 5/16-12
G60402-0020	20MJ-PLUG	7259-22965	1 5/8-12
G60402-0024	24MJ-PLUG	7259-33755	1 7/8-12
G60402-0032	32MJ-PLUG	7259-33765	2 1/2-12

Male JIC 37° Flare to Male JIC 37° Flare

For use up to SAE 100R2 maximum working pressure.



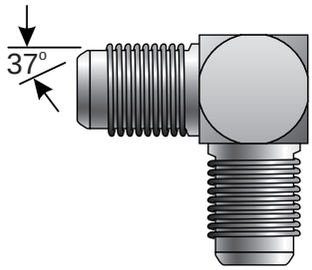
Part No.	Descr.	Prod. No.		
			"	"
G60410-0202	2MJ-2MJ	7259-77775	5/16-24	5/16-24
G60410-0302	3MJ-2MJ	7259-09065	3/8-24	5/16-24
G60410-0303	3MJ-3MJ	7259-77785	3/8-24	3/8-24
G60410-0403	4MJ-3MJ	7259-09075	7/16-20	3/8-24
G60410-0404	4MJ-4MJ	7259-10125	7/16-20	7/16-20
G60410-0406	4MJ-6MJ	7253-33785	7/16-20	9/16-18
G60410-0504	5MJ-4MJ	7259-77795	1/2-20	7/16-20
G60410-0505	5MJ-5MJ	7259-10735	1/2-20	1/2-20
G60410-0604	6MJ-4MJ	7259-00285	9/16-18	7/16-20
G60410-0605	6MJ-5MJ	7259-77805	9/16-18	1/2-20
G60410-0606	6MJ-6MJ	7259-06265	9/16-18	9/16-18
G60410-0608	6MJ-8MJ	7253-33805	9/16-18	3/4-16
G60410-0804	8MJ-4MJ	7259-06505	3/4-16	7/16-20
G60410-0805	8MJ-5MJ	7259-09085	3/4-16	1/2-20
G60410-0806	8MJ-6MJ	7259-00075	3/4-16	9/16-18
G60410-0808	8MJ-8MJ	7259-06275	3/4-16	3/4-16
G60410-0810	8MJ-10MJ	7253-33825	3/4-16	7/8-14
G60410-1004	10MJ-4MJ	7259-07195	7/8-14	7/16-20

Male JIC 37° Flare to Male JIC 37° Flare - Cont'd

Part No.	Descr.	Prod. No.	"	"
G60410-1006	10MJ-6MJ	7259-07805	7/8-14	9/16-18
G60410-1008	10MJ-8MJ	7259-00375	7/8-14	3/4-16
G60410-1010	10MJ-10MJ	7259-10225	7/8-14	7/8-14
G60410-1012	10MJ-12MJ	7253-33835	7/8-14	1 1/16-12
G60410-1204	12MJ-4MJ	7259-09095	1 1/16-12	7/16-20
G60410-1206	12MJ-6MJ	7259-08455	1 1/16-12	9/16-18
G60410-1208	12MJ-8MJ	7259-77815	1 1/16-12	3/4-16
G60410-1210	12MJ-10MJ	7259-00565	1 1/16-12	7/8-14
G60410-1212	12MJ-12MJ	7259-10235	1 1/16-12	1 1/16-12
G60410-1412	14MJ-12MJ	7259-09105	1 3/16-12	1 1/16-12
G60410-1414	14MJ-14MJ	7259-77825	1 3/16-12	1 3/16-12
G60410-1608	16MJ-8MJ	7259-07205	1 5/16-12	3/4-16
G60410-1610	16MJ-10MJ	7259-07505	1 5/16-12	7/8-14
G60410-1612	16MJ-12MJ	7259-77835	1 5/16-12	1 1/16-12
G60410-1616	16MJ-16MJ	7259-10655	1 5/16-12	1 5/16-12
G60410-2012	20MJ-12MJ	7259-09115	1 5/8-12	1 1/16-12
G60410-2016	20MJ-16MJ	7259-06555	1 5/8-12	1 5/16-12
G60410-2020	20MJ-20MJ	7259-11145	1 5/8-12	1 5/8-12
G60410-2412	24MJ-12MJ	7259-09125	1 7/8-12	1 1/16-12
G60410-2420	24MJ-20MJ	7259-09135	1 7/8-12	1 5/8-12
G60410-2424	24MJ-24MJ	7259-33845	1 7/8-12	1 7/8-12
G60410-3232	32MJ-32MJ	7259-33855	2 1/2-12	2 1/2-12

Male JIC 37° Flare to Male JIC 37° Flare - 90°

For use up to SAE 100R2 maximum working pressure.



Part No.	Descr.	Prod. No.	"	"
G60417-0202	2MJ-2MJ90	7259-09145	5/16-24	5/16-24
G60417-0404	4MJ-4MJ90	7259-77845	7/16-20	7/16-20
G60417-0505	5MJ-5MJ90	7259-05865	1/2-20	1/2-20
G60417-0604	6MJ-4MJ90	7259-07925	9/16-18	7/16-20
G60417-0606	6MJ-6MJ90	7259-77855	9/16-18	9/16-18
G60417-0806	8MJ-6MJ90	7259-06745	3/4-16	9/16-18
G60417-0808	8MJ-8MJ90	7259-77865	3/4-16	3/4-16
G60417-1010	10MJ-10MJ90	7259-77875	7/8-14	7/8-14
G60417-1212	12MJ-12MJ90	7259-77885	1 1/16-12	1 1/16-12
G60417-1414	14MJ-14MJ90	7259-08275	1 3/16-12	1 3/16-12
G60417-1612	16MJ-12MJ90	7259-09155	1 5/16-12	1 1/16-12
G60417-1616	16MJ-16MJ90	7259-77895	1 5/16-12	1 5/16-12
G60417-2020	20MJ-20MJ90	7259-07095	1 5/8-12	1 5/8-12
G60417-2424	24MJ-24MJ90	7259-07105	1 7/8-12	1 7/8-12

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

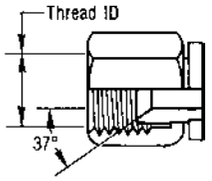
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

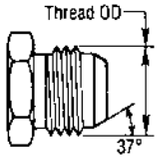
Male JIC 37° Flare to Male JIC 37° Flare - 90° - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G60417-3232	32MJ-32MJ90	7259-08465	2 1/2-12	2 1/2-12

Male JIC 37° Flare to Female JIC 37° Flare

For use up to SAE 100R2 maximum working pressure.



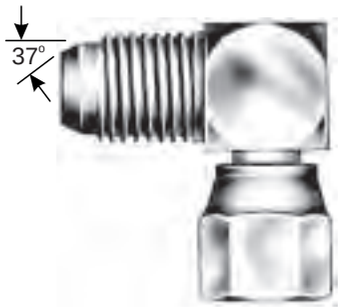


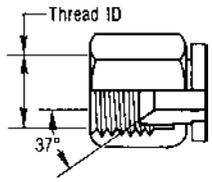
Part No.	Descr.	Prod. No.		
			"	"
G60420-0406	4MJ-6FJ	7259-33865	7/16-20	9/16-18
G60420-0504	5MJ-4FJ	7259-07445	1/2-20	7/16-20
G60420-0506	5MJ-6FJ	7259-09175	1/2-20	9/16-18
G60420-0604	6MJ-4FJ	7259-00015	9/16-18	7/16-20
G60420-0606	6MJ-6FJ	7259-09195	9/16-18	9/16-18
G60420-0608	6MJ-8FJ	7259-33875	9/16-18	3/4-16
G60420-0610	6MJ-10FJ	7259-33885	9/16-18	7/8-14
G60420-0804	8MJ-4FJ	7259-00935	3/4-16	7/16-20
G60420-0808	8MJ-8FJ	7259-06135	3/4-16	3/4-16
G60420-0810	8MJ-10FJ	7253-33895	3/4-16	7/8-14
G60420-0812	8MJ-12FJ	7259-33905	3/4-16	3/4-16
G60420-1004	10MJ-4FJ	7259-05915	7/8-14	7/16-20
G60420-1006	10MJ-6FJ	7259-05375	7/8-14	9/16-18
G60420-1008	10MJ-8FJ	7259-00705	7/8-14	3/4-16
G60420-1012	10MJ-12FJ	7259-33915	7/8-14	1 1/16-12
G60420-1016	10MJ-16FJ	7259-33925	7/8-14	1 5/16-12
G60420-1204	12MJ-4FJ	7259-05235	1 1/16-12	7/16-20
G60420-1206	12MJ-6FJ	7259-00145	1 1/16-12	9/16-18
G60420-1208	12MJ-8FJ	7259-00115	1 1/16-12	3/4-16
G60420-1212	12MJ-12FJ	7259-09205	1 1/16-12	1 1/16-12
G60420-1216	12MJ-16FJ	7253-33935	1 1/16-12	1 5/16-12
G60420-1220	12MJ-20FJ	7253-33945	1 1/16-12	1 5/8-12
G60420-1616	16MJ-16FJ	7259-09215	1 5/16-12	1 5/16-12
G60420-1620	16MJ-20FJ	7259-33955	1 5/16-12	1 5/8-12
G60420-2016	20MJ-16FJ	7259-05085	1 5/8-12	1 5/16-12

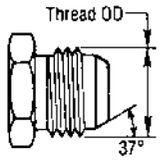
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male JIC 37° Flare to Female JIC 37° Flare Swivel - 90°

For use up to SAE 100R2 maximum working pressure.



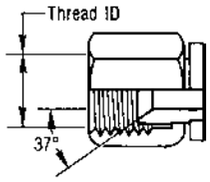


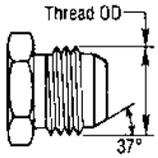


Part No.	Descr.	Prod. No.		
			"	"
G60422-0404	4MJ-4FJX90	7259-23285	7/16-20	7/16-20
G60422-0505	5MJ-5FJX90	7259-24025	1/2-20	1/2-20
G60422-0604	6MJ-4FJX90	7259-06905	9/16-18	7/16-20
G60422-0606	6MJ-6FJX90	7259-23295	9/16-18	9/16-18
G60422-0806	8MJ-6FJX90	7259-06205	3/4-16	9/16-18
G60422-0808	8MJ-8FJX90	7259-23305	3/4-16	3/4-16
G60422-0810	8MJ-10FJX90	7259-06385	3/4-16	3/4-16
G60422-1010	10MJ-10FJX90	7259-23315	7/8-14	7/8-14
G60422-1212	12MJ-12FJX90	7259-23325	1 1/16-12	1 1/16-12
G60422-1414	14MJ-14FJX90	7259-06215	1 3/16-12	1 3/16-12
G60422-1616	16MJ-16FJX90	7259-23335	1 5/16-12	1 5/16-12
G60422-2020	20MJ-20FJX90	7259-24075	1 5/8-12	1 5/8-12
G60422-2424	24MJ-24FJX90	7259-24085	1 7/8-12	1 7/8-12
G60422-3232	32MJ-32FJX90	7259-24095	2 1/2-12	2 1/2-12

Male JIC 37° Flare to Female JIC 37° Flare Swivel - 45°

For use up to SAE 100R2 maximum working pressure.





Part No.	Descr.	Prod. No.		
			"	"
G60424-0404	4MJ-4FJX45	7259-23215	7/16-20	7/16-20
G60424-0505	5MJ-5FJX45	7259-33965	1/2-20	1/2-20
G60424-0606	6MJ-6FJX45	7259-23225	9/16-18	9/16-18
G60424-0808	8MJ-8FJX45	7259-23235	3/4-16	3/4-16
G60424-1010	10MJ-10FJX45	7259-23245	7/8-14	7/8-14
G60424-1212	12MJ-12FJX45	7259-23255	1 1/16-12	1 1/16-12
G60424-1414	14MJ-14FJX45	7259-06995	1 3/16-12	1 3/16-12
G60424-1616	16MJ-16FJX45	7259-23265	1 5/16-12	1 5/16-12
G60424-2020	20MJ-20FJX45	7259-23275	1 5/8-12	1 5/8-12

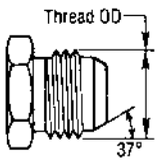
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male JIC 37° Flare to Female JIC 37° Flare Swivel - 45° - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G60424-2424	24MJ-24FJX45	7259-05455	1 7/8-12	1 7/8-12
G60424-3232	32MJ-32FJX45	7259-07935	2 1/2-12	2 1/2-12

Male JIC 37° Flare to Male JIC 37° Flare Bulkhead

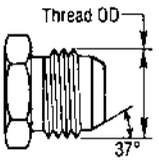
For use up to SAE 100R2 maximum working pressure.



Part No.	Descr.	Prod. No.	
G60445-0303	3MJ-3BKHD	7259-09295	3/8-24
G60445-0404	4MJ-4BKHD	7259-24505	7/16-20
G60445-0505	5MJ-5BKHD	7259-24515	1/2-20
G60445-0606	6MJ-6BKHD	7259-24525	9/16-18
G60445-0808	8MJ-8BKHD	7259-24535	3/4-16
G60445-1010	10MJ-10BKHD	7259-24545	7/8-14
G60445-1212	12MJ-12BKHD	7259-24555	1 1/16-12
G60445-1414	14MJ-14BKHD	7259-08495	1 3/16-12
G60445-1616	16MJ-16BKHD	7259-24565	1 5/16-12
G60445-2020	20MJ-20BKHD	7259-34155	1 5/8-12
G60445-2424	24MJ-24BKHD	7259-34165	1 7/8-12

Male JIC 37° Flare to Male JIC 37° Flare Bulkhead - 45°

For use up to SAE 100R2 maximum working pressure.

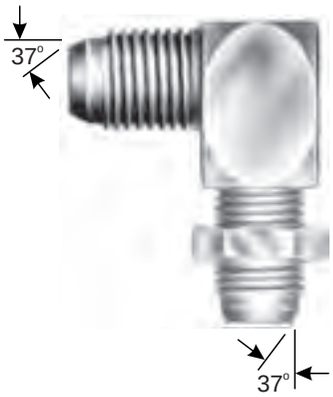


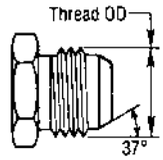
Part No.	Descr.	Prod. No.	
G60446-0404	4MJ-4BKHD45	7259-34175	7/16-20
G60446-0505	5MJ-5BKHD45	7259-34185	1/2-20
G60446-0606	6MJ-6BKHD45	7259-34195	9/16-18
G60446-0808	8MJ-8BKHD45	7259-34205	3/4-16
G60446-1010	10MJ-10BKHD45	7259-34215	7/8-14
G60446-1212	12MJ-12BKHD45	7259-34225	1 1/16-12
G60446-1616	16MJ-16BKHD45	7259-34235	1 5/16-12

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male JIC 37° Flare to Male JIC 37° Flare Bulkhead - 90°

For use up to SAE 100R2 maximum working pressure.

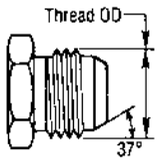




Part No.	Descr.	Prod. No.	
G60447-0303	3MJ-3BKHD90	7259-09305	3/8-24
G60447-0404	4MJ-4BKHD90	7259-34255	7/16-20
G60447-0505	5MJ-5BKHD90	7259-34265	1/2-20
G60447-0606	6MJ-6BKHD90	7259-34275	9/16-18
G60447-0808	8MJ-8BKHD90	7259-34285	3/4-16
G60447-1010	10MJ-10BKHD90	7259-34295	7/8-14
G60447-1212	12MJ-12BKHD90	7259-34305	1 1/16-12
G60447-1414	14MJ-14BKHD90	7259-09315	1 3/16-12
G60447-1616	16MJ-16BKHD90	7259-34315	1 5/16-12
G60447-2020	20MJ-20BKHD90	7259-34325	1 5/8-12
G60447-2424	24MJ-24BKHD90	7259-09325	1 7/8-12

Male JIC 37° Flare Tee

For use up to SAE 100R2 maximum working pressure.



Part No.	Descr.	Prod. No.	
G60469-0202	2MJ-2MJ-2MJ	7259-77905	5/16-24
G60469-0303	3MJ-3MJ-3MJ	7259-08095	3/8-24
G60469-0404	4MJ-4MJ-4MJ	7259-23345	7/16-20
G60469-0505	5MJ-5MJ-5MJ	7259-34335	1/2-20
G60469-0606	6MJ-6MJ-6MJ	7259-23355	9/16-18
G60469-0608	6MJ-6MJ-8MJ	7253-34345	9/16-18
G60469-0808	8MJ-8MJ-8MJ	7259-23365	3/4-16
G60469-1010	10MJ-10MJ-10MJ	7259-23375	7/8-14
G60469-1212	12MJ-12MJ-12MJ	7259-23385	1 1/16-12
G60469-1414	14MJ-14MJ-14MJ	7259-09335	1 3/16-12

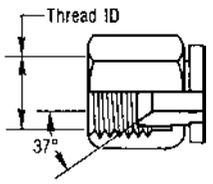
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

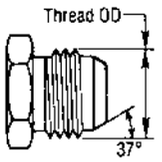
Male JIC 37° Flare Tee - Cont'd

Part No.	Descr.	Prod. No.	
G60469-1612	16MJ-16MJ-12MJ	7259-34365	1 5/16-12
G60469-1616	16MJ-16MJ-16MJ	7259-23395	1 5/16-12
G60469-2020	20MJ-20MJ-20MJ	7259-23405	1 5/8-12
G60469-2424	24MJ-24MJ-24MJ	7259-07555	1 7/8-12
G60469-3232	32MJ-32MJ-32MJ	7259-07455	2 1/2-12

Male JIC 37° Flare on Run to Female JIC 37° Flare Swivel - Tee

For use up to SAE 100R2 maximum working pressure.

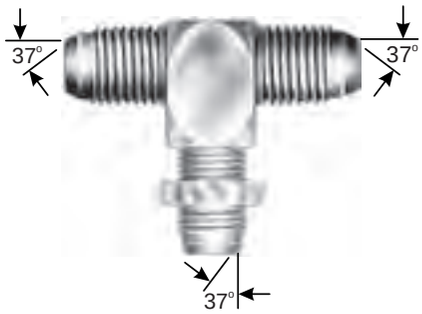


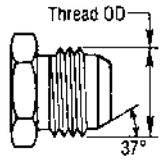


Part No.	Descr.	Prod. No.		
			"	"
G60470-0404	4MJ-4MJ-4FJX	7259-24805	7/16-20	7/16-20
G60470-0505	5MJ-5MJ-5FJX	7259-06535	1/2-20	1/2-20
G60470-0606	6MJ-6MJ-6FJX	7259-24815	9/16-18	9/16-18
G60470-0808	8MJ-8MJ-8FJX	7259-24825	3/4-16	3/4-16
G60470-1010	10MJ-10MJ-10FJX	7259-34405	7/8-14	7/8-14
G60470-1212	12MJ-12MJ-12FJX	7259-24835	1 1/16-12	1 1/16-12
G60470-1414	14MJ-14MJ-14FJX	7259-07945	1 3/16-12	1 3/16-12
G60470-1616	16MJ-16MJ-16FJX	7259-24845	1 5/16-12	1 5/16-12
G60470-2020	20MJ-20MJ-20FJX	7259-34415	1 5/8-12	1 5/8-12
G60470-2424	24MJ-24MJ-24FJX	7259-08505	1 7/8-12	1 7/8-12
G60470-3232	32MJ-32MJ-32FJX	7259-09345	2 1/2-12	2 1/2-12

Male JIC 37° Flare on Run to Male JIC 37° Flare Bulkhead - Tee

For use up to SAE 100R2 maximum working pressure.

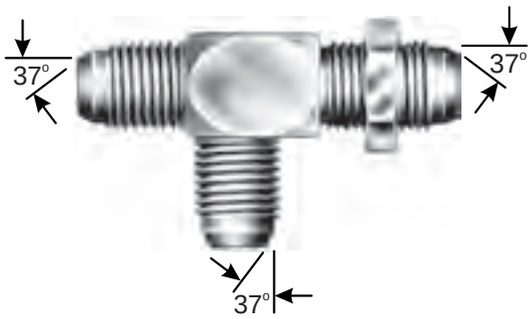


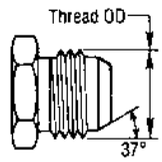


Part No.	Descr.	Prod. No.	
G60471-0404	4MJ-4MJ-4BKHD	7259-34425	7/16-20
G60471-0505	5MJ-5MJ-5BKHD	7259-34435	1/2-20
G60471-0606	6MJ-6MJ-6BKHD	7259-34445	9/16-18
G60471-0808	8MJ-8MJ-8BKHD	7259-34455	3/4-16
G60471-1010	10MJ-10MJ-10BKHD	7259-34465	7/8-14
G60471-1212	12MJ-12MJ-12BKHD	7259-34475	1 1/16-12
G60471-1616	16MJ-16MJ-16BKHD	7259-34485	1 5/16-12

Male JIC 37° Flare to Male JIC 37° Flare Bulkhead to Male JIC 37° Flare - Tee

For use up to SAE 100R2 maximum working pressure.





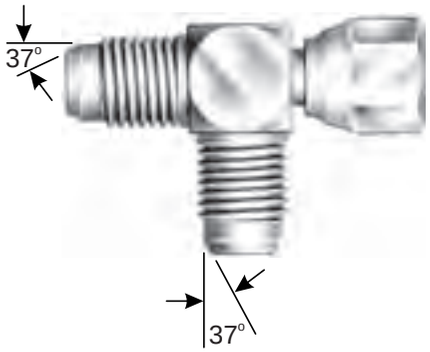
Part No.	Descr.	Prod. No.	
G60472-0404	4MJ-4BKHD-4MJ	7259-34495	7/16-20
G60472-0606	6MJ-6BKHD-6MJ	7259-34515	9/16-18
G60472-0808	8MJ-8BKHD-8MJ	7259-34525	3/4-16
G60472-1010	10MJ-10BKHD-10MJ	7259-34535	7/8-14
G60472-1212	12MJ-12BKHD-12MJ	7259-34545	1 1/16-12
G60472-1616	16MJ-16BKHD-16MJ	7259-34555	1 5/16-12

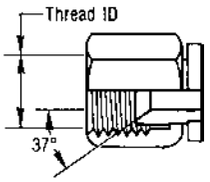
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

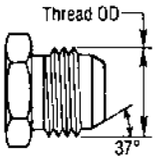
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male JIC 37° Flare to Female JIC 37° Flare Swivel to Male JIC 37° Flare - Tee

For use up to SAE 100R2 maximum working pressure.



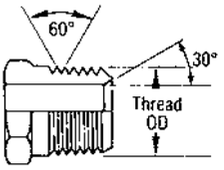


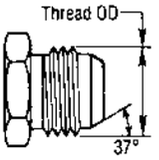


Part No.	Descr.	Prod. No.		
			"	"
G60473-0404	4MJ-4FJX-4MJ	7259-24705	7/16-20	7/16-20
G60473-0505	5MJ-5FJX-5MJ	7259-77915	1/2-20	1/2-20
G60473-0606	6MJ-6FJX-6MJ	7259-24725	9/16-18	9/16-18
G60473-0808	8MJ-8FJX-8MJ	7259-24735	3/4-16	3/4-16
G60473-1010	10MJ-10FJX-10MJ	7259-24745	7/8-14	7/8-14
G60473-1212	12MJ-12FJX-12MJ	7259-24755	1 1/16-12	1 1/16-12
G60473-1414	14MJ-14FJX-14MJ	7259-08325	1 3/16-12	1 3/16-12
G60473-1616	16MJ-16FJX-16MJ	7259-24765	1 5/16-12	1 5/16-12
G60473-2020	20MJ-20FJX-20MJ	7259-77925	1 5/8-12	1 5/8-12
G60473-2424	24MJ-24FJX-24MJ	7259-07955	1 7/8-12	1 7/8-12
G60473-3232	32MJ-32FJX-32MJ	7259-09355	2 1/2-12	2 1/2-12

Male JIC 37° Flare to Male Pipe NPTF

For use up to SAE 100R2 maximum working pressure.





Part No.	Descr.	Prod. No.		
			"	"
G60490-0202	2MJ-2MP	7259-77935	5/16-24	1/8-27
G60490-0302	3MJ-2MP	7259-77945	3/8-24	1/8-27
G60490-0402	4MJ-2MP	7259-10085	7/16-20	1/8-27
G60490-0404	4MJ-4MP	7259-04195	7/16-20	1/4-18
G60490-0406	4MJ-6MP	7259-10385	7/16-20	3/8-18
G60490-0408	4MJ-8MP	7259-70455	7/16-20	1/2-14
G60490-0412	4MJ-12MP	7259-07215	7/16-20	3/4-14
G60490-0502	5MJ-2MP	7259-10995	1/2-20	1/8-27
G60490-0504	5MJ-4MP	7259-10415	1/2-20	1/4-18
G60490-0506	5MJ-6MP	7259-25665	1/2-20	3/8-18
G60490-0508	5MJ-8MP	7259-07835	1/2-20	1/2-14

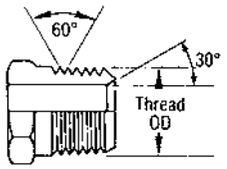
Male JIC 37° Flare to Male Pipe NPTF - Cont'd

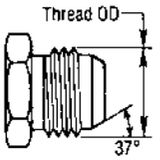
Part No.	Descr.	Prod. No.		
			"	"
G60490-0602	6MJ-2MP	7259-10565	9/16-18	1/8-27
G60490-0604	6MJ-4MP	7259-25635	9/16-18	1/4-18
G60490-0606	6MJ-6MP	7259-04225	9/16-18	3/8-18
G60490-0608	6MJ-8MP	7259-10205	9/16-18	1/2-14
G60490-0612	6MJ-12MP	7259-00425	9/16-18	3/4-14
G60490-0802	8MJ-2MP	7259-09875	3/4-16	1/8-27
G60490-0804	8MJ-4MP	7259-10435	3/4-16	1/4-18
G60490-0806	8MJ-6MP	7259-10105	3/4-16	3/8-18
G60490-0808	8MJ-8MP	7259-04235	3/4-16	1/2-14
G60490-0812	8MJ-12MP	7259-10545	3/4-16	3/4-14
G60490-0816	8MJ-16MP	7259-05835	3/4-16	1-11 1/2
G60490-1004	10MJ-4MP	7259-07965	7/8-14	1/4-18
G60490-1006	10MJ-6MP	7259-10785	7/8-14	3/8-18
G60490-1008	10MJ-8MP	7259-25715	7/8-14	1/2-14
G60490-1012	10MJ-12MP	7259-10595	7/8-14	3/4-14
G60490-1016	10MJ-16MP	7259-07565	7/8-14	1-11 1/2
G60490-1206	12MJ-6MP	7259-07225	1 1/16-12	3/8-18
G60490-1208	12MJ-8MP	7259-10255	1 1/16-12	1/2-14
G60490-1212	12MJ-12MP	7259-25735	1 1/16-12	3/4-14
G60490-1216	12MJ-16MP	7259-10355	1 1/16-12	1-11 1/2
G60490-1220	12MJ-20MP	7259-05765	1 1/16-12	1 1/4-11 1/2
G60490-1224	12MJ-24MP	7259-07665	1 1/16-12	1 1/2-11 1/2
G60490-1408	14MJ-8MP	7259-09365	1 3/16-12	1/2-14
G60490-1412	14MJ-12MP	7259-77965	1 3/16-12	3/4-14
G60490-1416	14MJ-16MP	7259-07975	1 3/16-12	1-11 1/2
G60490-1608	16MJ-8MP	7259-06095	1 5/16-12	1/2-14
G60490-1612	16MJ-12MP	7259-10485	1 5/16-12	3/4-14
G60490-1616	16MJ-16MP	7259-04275	1 5/16-12	1-11 1/2
G60490-1620	16MJ-20MP	7259-34565	1 5/16-12	1 1/4-11 1/2
G60490-1624	16MJ-24MP	7259-06065	1 5/16-12	1 1/2-11 1/2
G60490-2012	20MJ-12MP	7259-07675	1 5/8-12	3/4-14
G60490-2016	20MJ-16MP	7259-11465	1 5/8-12	1-11 1/2
G60490-2020	20MJ-20MP	7259-10465	1 5/8-12	1 1/4-11 1/2
G60490-2024	20MJ-24MP	7259-34575	1 5/8-12	1 1/2-11 1/2
G60490-2416	24MJ-16MP	7259-07125	1 7/8-12	1-11 1/2
G60490-2420	24MJ-20MP	7259-34585	1 7/8-12	1 1/4-11 1/2
G60490-2424	24MJ-24MP	7259-11245	1 7/8-12	1 1/2-11 1/2
G60490-2432	24MJ-32MP	7259-09375	1 7/8-12	2-11 1/2
G60490-3216	32MJ-16MP	7259-09385	2 1/2-12	1-11 1/2
G60490-3220	32MJ-20MP	7259-09395	2 1/2-12	1 1/4-11 1/2
G60490-3224	32MJ-24MP	7259-34595	2 1/2-12	1 1/2-11 1/2
G60490-3232	32MJ-32MP	7259-11365	2 1/2-12	2-11 1/2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male JIC 37° Flare to Male Pipe NPTF - 45°

For use up to SAE 100R2 maximum working pressure.

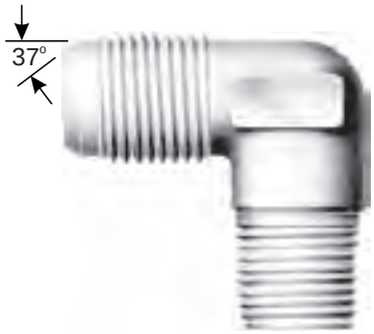


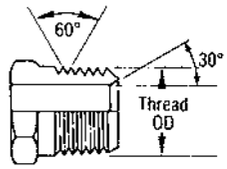


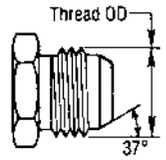
Part No.	Descr.	Prod. No.		
			"	"
G60497-0202	2MJ-2MP45	7259-09415	5/16-24	1/8-27
G60497-0302	3MJ-2MP45	7259-77975	3/8-24	1/8-27
G60497-0402	4MJ-2MP45	7259-10505	7/16-20	1/8-27
G60497-0404	4MJ-4MP45	7259-10825	7/16-20	1/4-18
G60497-0406	4MJ-6MP45	7259-34605	7/16-20	3/8-18
G60497-0408	4MJ-8MP45	7259-09425	7/16-20	1/2-14
G60497-0502	5MJ-2MP45	7259-11635	1/2-20	1/8-27
G60497-0504	5MJ-4MP45	7259-11265	1/2-20	1/4-18
G60497-0506	5MJ-6MP45	7259-07685	1/2-20	3/8-18
G60497-0602	6MJ-2MP45	7259-77985	9/16-18	1/8-27
G60497-0604	6MJ-4MP45	7259-10925	9/16-18	1/4-18
G60497-0606	6MJ-6MP45	7259-10715	9/16-18	3/8-18
G60497-0608	6MJ-8MP45	7259-11135	9/16-18	1/2-14
G60497-0612	6MJ-12MP45	7259-07315	9/16-18	3/4-14
G60497-0804	8MJ-4MP45	7259-77995	3/4-16	1/4-18
G60497-0806	8MJ-6MP45	7259-10695	3/4-16	3/8-18
G60497-0808	8MJ-8MP45	7259-10495	3/4-16	1/2-14
G60497-0812	8MJ-12MP45	7259-11395	3/4-16	3/4-14
G60497-1006	10MJ-6MP45	7259-11505	7/8-14	3/8-18
G60497-1008	10MJ-8MP45	7259-10395	7/8-14	1/2-14
G60497-1012	10MJ-12MP45	7259-34615	7/8-14	3/4-14
G60497-1208	12MJ-8MP45	7259-11375	1 1/16-12	1/2-14
G60497-1212	12MJ-12MP45	7259-10845	1 1/16-12	3/4-14
G60497-1216	12MJ-16MP45	7259-05775	1 1/16-12	1-11 1/2
G60497-1412	14MJ-12MP45	7259-09885	1 3/16-12	3/4-14
G60497-1608	16MJ-8MP45	7259-09435	1 5/16-12	1/2-14
G60497-1612	16MJ-12MP45	7259-11585	1 5/16-12	3/4-14
G60497-1616	16MJ-16MP45	7259-11035	1 5/16-12	1-11 1/2
G60497-1620	16MJ-20MP45	7259-07845	1 5/16-12	1 1/4-11 1/2
G60497-2016	20MJ-16MP45	7259-07985	1 5/8-12	1-11 1/2
G60497-2020	20MJ-20MP45	7259-11485	1 5/8-12	1 1/4-11 1/2
G60497-2024	20MJ-24MP45	7259-08105	1 5/8-12	1 1/2-11 1/2
G60497-2424	24MJ-24MP45	7259-11695	1 7/8-12	1 1/2-11 1/2
G60497-3232	32MJ-32MP45	7259-11675	2 1/2-12	2-11 1/2

Male JIC 37° Flare to Male Pipe NPTF - 90°

For use up to SAE 100R2 maximum working pressure.







Part No.	Descr.	Prod. No.		
			"	"
G60499-0202	2MJ-2MP90	7259-11755	5/16-24	1/8-27
G60499-0302	3MJ-2MP90	7259-78005	3/8-24	1/8-27
G60499-0402	4MJ-2MP90	7259-10175	7/16-20	1/8-27
G60499-0404	4MJ-4MP90	7259-10195	7/16-20	1/4-18
G60499-0406	4MJ-6MP90	7259-34645	7/16-20	3/8-18
G60499-0408	4MJ-8MP90	7259-09815	7/16-20	1/2-14
G60499-0412	4MJ-12MP90	7259-07695	7/16-20	3/4-14
G60499-0502	5MJ-2MP90	7259-11425	1/2-20	1/8-27
G60499-0504	5MJ-4MP90	7259-11045	1/2-20	1/4-18
G60499-0506	5MJ-6MP90	7259-34655	1/2-20	3/8-18
G60499-0602	6MJ-2MP90	7259-11085	9/16-18	1/8-27
G60499-0604	6MJ-4MP90	7259-28385	9/16-18	1/4-18
G60499-0606	6MJ-6MP90	7259-28185	9/16-18	3/8-18
G60499-0608	6MJ-8MP90	7259-10185	9/16-18	1/2-14
G60499-0612	6MJ-12MP90	7259-05545	9/16-18	3/4-14
G60499-0804	8MJ-4MP90	7259-11025	3/4-16	1/4-18
G60499-0806	8MJ-6MP90	7259-10165	3/4-16	3/8-18
G60499-0808	8MJ-8MP90	7259-28205	3/4-16	1/2-14
G60499-0812	8MJ-12MP90	7259-10275	3/4-16	3/4-14
G60499-0816	8MJ-16MP90	7259-07575	3/4-16	1-11 1/2
G60499-1006	10MJ-6MP90	7259-11195	7/8-14	3/8-18
G60499-1008	10MJ-8MP90	7259-28375	7/8-14	1/2-14
G60499-1012	10MJ-12MP90	7259-10555	7/8-14	3/4-14
G60499-1016	10MJ-16MP90	7259-07705	7/8-14	1-11 1/2
G60499-1206	12MJ-6MP90	7259-07995	1 1/16-12	3/8-18
G60499-1208	12MJ-8MP90	7259-10795	1 1/16-12	1/2-14
G60499-1212	12MJ-12MP90	7259-28395	1 1/16-12	3/4-14
G60499-1216	12MJ-16MP90	7259-34665	1 1/16-12	1-11 1/2
G60499-1220	12MJ-20MP90	7259-06835	1 1/16-12	1 1/4-11 1/2
G60499-1408	14MJ-8MP90	7259-09445	1 3/16-12	1/2-14
G60499-1412	14MJ-12MP90	7259-07585	1 3/16-12	3/4-14
G60499-1608	16MJ-8MP90	7259-09455	1 5/16-12	1/2-14
G60499-1612	16MJ-12MP90	7259-11205	1 5/16-12	3/4-14
G60499-1616	16MJ-16MP90	7259-28405	1 5/16-12	1-11 1/2
G60499-1620	16MJ-20MP90	7259-34675	1 5/16-12	1 1/4-11 1/2
G60499-1624	16MJ-24MP90	7259-07715	1 5/16-12	1 1/2-11 1/2
G60499-2016	20MJ-16MP90	7259-11565	1 5/8-12	1-11 1/2
G60499-2020	20MJ-20MP90	7259-10905	1 5/8-12	1 1/4-11 1/2
G60499-2024	20MJ-24MP90	7259-34685	1 5/8-12	1 1/2-11 1/2
G60499-2416	24MJ-16MP90	7259-09465	1 7/8-12	1-11 1/2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

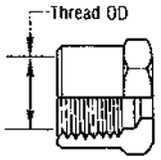
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

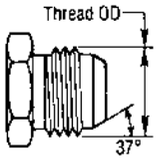
Male JIC 37° Flare to Male Pipe NPTF - 90° - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G60499-2420	24MJ-20MP90	7259-34695	1 7/8-12	1 1/4-11 1/2
G60499-2424	24MJ-24MP90	7259-11445	1 7/8-12	1 1/2-11 1/2
G60499-3224	32MJ-24MP90	7259-08335	2 1/2-12	1 1/2-11 1/2
G60499-3232	32MJ-32MP90	7259-11685	2 1/2-12	2-11 1/2

Male JIC 37° Flare to Female Pipe NPTF

For use up to SAE 100R2 maximum working pressure.

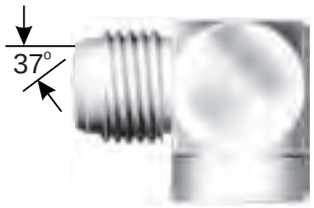


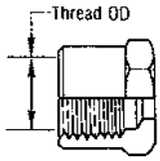


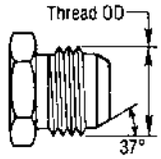
Part No.	Descr.	Prod. No.		
			"	"
G60510-0202	2MJ-2FP	7259-78015	5/16-24	1/8-27
G60510-0302	3MJ-2FP	7259-08515	3/8-24	1/8-27
G60510-0304	3MJ-4FP	7259-08525	3/8-24	1/4-18
G60510-0402	4MJ-2FP	7259-11165	2 1/2-12	1/8-27
G60510-0404	4MJ-4FP	7259-10965	7/16-20	1/4-18
G60510-0406	4MJ-6FP	7259-06915	7/16-20	3/8-18
G60510-0408	4MJ-8FP	7259-09475	7/16-20	1/2-14
G60510-0502	5MJ-2FP	7259-11665	1/2-20	1/8-27
G60510-0504	5MJ-4FP	7259-11615	1/2-20	1/4-18
G60510-0602	6MJ-2FP	7259-09485	9/16-18	1/8-27
G60510-0604	6MJ-4FP	7259-10515	9/16-18	1/4-18
G60510-0606	6MJ-6FP	7259-10685	9/16-18	3/8-18
G60510-0608	6MJ-8FP	7259-34715	9/16-18	1/2-14
G60510-0804	8MJ-4FP	7259-09495	3/4-16	1/4-18
G60510-0806	8MJ-6FP	7259-10945	3/4-16	3/8-18
G60510-0808	8MJ-8FP	7259-10605	1 7/8-12	1 7/8-12
G60510-0812	8MJ-12FP	7259-34725	3/4-16	3/4-14
G60510-1006	10MJ-6FP	7259-34735	7/8-14	3/8-18
G60510-1008	10MJ-8FP	7259-10805	7/8-14	1/2-14
G60510-1012	10MJ-12FP	7259-34745	7/8-14	3/4-14
G60510-1208	12MJ-8FP	7259-34755	1 1/16-12	1/2-14
G60510-1212	12MJ-12FP	7259-10675	1 1/16-12	3/4-14
G60510-1216	12MJ-16FP	7259-06655	1 1/16-12	1-11 1/2
G60510-1412	14MJ-12FP	7259-08345	1 5/16-12	3/4-14
G60510-1612	16MJ-12FP	7259-07005	1 5/16-12	3/4-14
G60510-1616	16MJ-16FP	7259-10985	1 5/16-12	1-11 1/2
G60510-1620	16MJ-20FP	7259-34765	1 5/16-12	1 1/4-11 1/2
G60510-2016	20MJ-16FP	7259-08535	1 5/8-12	1-11 1/2
G60510-2020	20MJ-20FP	7259-25925	1 5/8-12	1 1/4-11 1/2
G60510-2424	24MJ-24FP	7259-25935	1 7/8-12	1 1/2-11 1/2
G60510-3232	32MJ-32FP	7259-34775	2 1/2-12	2-11 1/2

Male JIC 37° Flare to Female Pipe NPTF - 90°

For use up to SAE 100R2 maximum working pressure.



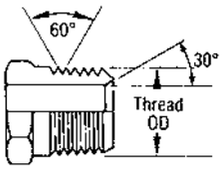


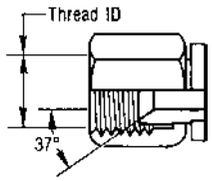


Part No.	Descr.	Prod. No.		
			"	"
G60514-0402	4MJ-2FP90	7259-25105	7/16-20	1/8-27
G60514-0404	4MJ-4FP90	7259-34785	7/16-20	1/4-18
G60514-0502	5MJ-2FP90	7259-07365	1/2-20	1/8-27
G60514-0504	5MJ-4FP90	7259-34805	1/2-20	1/4-18
G60514-0602	6MJ-2FP90	7259-09505	9/16-18	1/8-27
G60514-0604	6MJ-4FP90	7259-25115	9/16-18	1/4-18
G60514-0606	6MJ-6FP90	7259-34825	9/16-18	3/8-18
G60514-0608	6MJ-8FP90	7259-00405	9/16-18	1/2-14
G60514-0804	8MJ-4FP90	7259-09515	3/4-16	1/4-18
G60514-0806	8MJ-6FP90	7259-25125	3/4-16	3/8-18
G60514-0808	8MJ-8FP90	7259-34835	3/4-16	1/2-14
G60514-1008	10MJ-8FP90	7259-25135	7/8-14	1/2-14
G60514-1208	12MJ-8FP90	7259-34845	1 1/16-12	1/2-14
G60514-1212	12MJ-12FP90	7259-25145	1 1/16-12	3/4-14
G60514-1412	14MJ-12FP90	7259-09525	1 3/16-12	3/4-14
G60514-1616	16MJ-16FP90	7259-25155	1 5/16-12	1-11 1/2
G60514-2020	20MJ-20FP90	7259-34855	1 5/8-12	1 1/4-11 1/2
G60514-2424	24MJ-24FP90	7259-07725	1 7/8-12	1 1/2-11 1/2

Female JIC 37° Flare Swivel to Male Pipe NPTF

For use up to SAE 100R2 maximum working pressure.





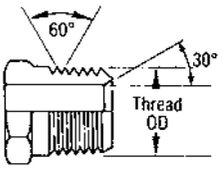
Part No.	Descr.	Prod. No.		
			"	"
G60520-0402	4FJX-2MP	7253-34865	7/16-20	1/8-27
G60520-0404	4FJX-4MP	7259-34875	7/16-20	1/4-18
G60520-0604	6FJX-4MP	7259-34885	9/16-18	1/4-18
G60520-0606	6FJX-6MP	7259-34895	9/16-18	3/8-18
G60520-0806	8FJX-6MP	7259-34905	3/4-16	3/8-18
G60520-0808	8FJX-8MP	7259-34915	3/4-16	1/2-14
G60520-1212	12FJX-12MP	7259-34925	1 1/16-12	3/4-14
G60520-1616	16FJX-16MP	7253-34935	1 5/16-12	1-11 1/2
G60520-2020	20FJX-20MP	7259-34945	1 5/8-12	1 1/4-11 1/2

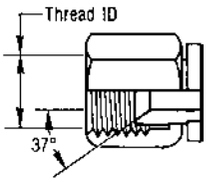
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female JIC 37° Flare Swivel to Male Pipe NPTF - 90°

For use up to SAE 100R2 maximum working pressure.

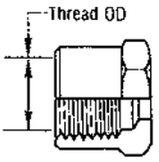


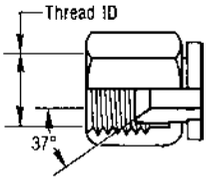


Part No.	Descr.	Prod. No.		
			"	"
G60524-0402	4FJX-2MP90	7253-34955	9/16-18	1/8-27
G60524-0404	4FJX-4MP90	7259-05325	7/16-20	1/4-18
G60524-0604	6FJX-4MP90	7253-34965	9/16-18	1/4-18
G60524-0606	6FJX-6MP90	7253-34975	9/16-18	3/8-18
G60524-0806	8FJX-6MP90	7253-34985	3/4-16	3/8-18
G60524-0808	8FJX-8MP90	7253-34995	3/4-16	1/2-14
G60524-1008	10FJX-8MP90	7253-35015	7/8-14	1/2-14
G60524-1212	12FJX-12MP90	7253-35025	1 1/16-12	3/4-14
G60524-1616	16FJX-16MP90	7259-35285	1 5/16-12	1-11 1/2
G60524-2020	20FJX-20MP90	7259-35295	1 5/8-12	1 1/4-11 1/2
G60524-2424	24FJX-24MP90	7259-35035	1 7/8-12	1 1/2-11 1/2

Female JIC 37° Flare Swivel to Female Pipe NPTF

For use up to SAE 100R2 maximum working pressure.

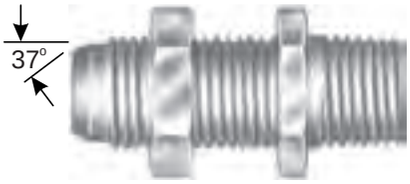


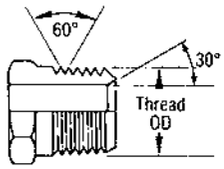


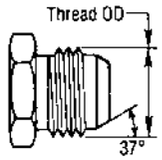
Part No.	Descr.	Prod. No.		
			"	"
G60530-0402	4FJX-2FP	7253-35045	7/16-20	1/8-27
G60530-0404	4FJX-4FP	7253-35055	7/16-20	1/4-18
G60530-0606	6FJX-6FP	7253-35075	9/16-18	3/8-18
G60530-0806	8FJX-6FP	7253-35095	3/4-16	3/8-18
G60530-0808	8FJX-8FP	7253-35105	3/4-16	1/2-14
G60530-1008	10FJX-8FP	7253-35115	7/8-14	1/2-14
G60530-1212	12FJX-12FP	7253-35125	1 1/16-12	3/4-14
G60530-1616	16FJX-16FP	7259-35135	1 5/16-12	1-11 1/2
G60530-2020	20FJX-20FP	7259-35145	1 5/8-12	1 1/4-11 1/2

Male JIC 37° Flare Bulkhead to Male Pipe NPTF

For use up to SAE 100R2 maximum working pressure.



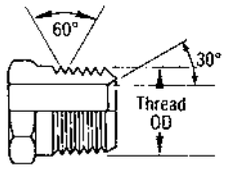


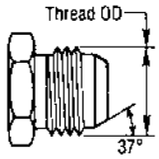


Part No.	Descr.	Prod. No.		
			"	"
G60541-0402	4MJBKHD-2MP	7259-09945	7/16-20	1/8-27
G60541-0404	4MJBKHD-4MP	7259-35155	7/16-20	1/4-18
G60541-0604	6MJBKHD-4MP	7259-35165	9/16-18	1/4-18
G60541-0806	8MJBKHD-6MP	7259-35175	3/4-16	3/8-18
G60541-0808	8MJBKHD-8MP	7259-09905	3/4-16	1/2-14
G60541-1008	10MJBKHD-8MP	7259-35185	7/8-14	1/2-14
G60541-1208	12MJBKHD-8MP	7259-35275	1 1/16-12	1/2-14
G60541-1212	12MJBKHD-12MP	7259-35195	1 1/16-12	3/4-14
G60541-1616	16MJBKHD-16MP	7253-35205	1 5/16-12	1-11 1/2
G60541-2020	20MJBKHD-20MP	7259-09965	1 5/8-12	1 1/4-11 1/2

Male JIC 37° Flare on Run to Male Pipe NPTF - Tee

For use up to SAE 100R2 maximum working pressure.





Part No.	Descr.	Prod. No.			
			"	"	"
G60551-0302	3MJ-3MJ-2MP	7259-09605	3/8-24	3/8-24	1/8-27
G60551-0402	4MJ-4MJ-2MP	7259-23415	7/16-20	7/16-20	1/8-27
G60551-0404	4MJ-4MJ-4MP	7259-35215	7/16-20	7/16-20	1/4-18
G60551-0406	4MJ-4MJ-6MP	7259-05855	7/16-20	3/8-18	3/8-18
G60551-0502	5MJ-5MJ-2MP	7259-07385	1/2-20	1/2-20	1/8-27
G60551-0504	5MJ-5MJ-4MP	7259-35225	1/2-20	1/2-20	1/4-18
G60551-0604	6MJ-6MJ-4MP	7259-23425	9/16-18	9/16-18	1/4-18
G60551-0606	6MJ-6MJ-6MP	7259-35235	9/16-18	9/16-18	3/8-18
G60551-0608	6MJ-6MJ-8MP	7259-35245	9/16-18	9/16-18	1/2-14
G60551-0806	8MJ-8MJ-6MP	7259-23435	3/4-16	3/4-16	3/8-18
G60551-0808	8MJ-8MJ-8MP	7259-35255	3/4-16	3/4-16	1/2-14
G60551-0812	8MJ-8MJ-12MP	7259-09615	3/4-16	3/4-16	3/4-14
G60551-1008	10MJ-10MJ-8MP	7259-23445	7/8-14	7/8-14	1/2-14
G60551-1208	12MJ-12MJ-8MP	7259-07395	1 1/16-12	1 1/16-12	1/2-14
G60551-1212	12MJ-12MJ-12MP	7259-23455	1 1/16-12	1 1/16-12	3/4-14
G60551-1216	12MJ-12MJ-16MP	7259-07735	1 1/16-12	1 1/16-12	1-11 1/2
G60551-1412	14MJ-14MJ-12MP	7259-09625	1 3/16-12	1 3/16-12	3/4-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male JIC 37° Flare on Run to Male Pipe NPTF - Tee - Cont'd

Part No.	Descr.	Prod. No.			
			"	"	"
G60551-1612	16MJ-16MJ-12MP	7259-09635	1 5/16-12	1 5/16-12	3/4-14
G60551-1616	16MJ-16MJ-16MP	7259-23465	1 5/16-12	1 5/16-12	1-11 1/2
G60551-2020	20MJ-20MJ-20MP	7259-35265	1 5/8-12	1 5/8-12	1 5/8-12
G60551-2424	24MJ-24MJ-24MP	7259-08355	1 7/8-12	1 7/8-12	1 1/2-11 1/2
G60551-3232	32MJ-32MJ-32MP	7259-09645	2 1/2-12	2 1/2-12	2-11 1/2

Double Compression - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	A1
G60593-0202	2DCN	7250-10255	1/8
G60593-0303	3DCN	7250-10265	3/16
G60593-0404	4DCN	7250-10275	1/4
G60593-0505	5DCN	7250-10285	5/16
G60593-0606	6DCN	7250-10295	3/8

Double Compression to Male Pipe - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	A1	
G60594-0202	2DCN-2MP	7250-10305	1/8	1/8-27
G60594-0302	3DCN-2MP	7250-10325	3/16	1/8-27
G60594-0402	4DCN-2MP	7250-10335	1/4	1/8-27
G60594-0502	5DCN-2MP	7250-10345	5/16	1/8-27
G60594-0604	6DCN-4MP	7250-10355	3/8	1/4-18

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Double Compression to Male Pipe - 90° - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	A1	
G60595-0202	2DCN-2MP90	7250-10365	1/8	1/8-27
G60595-0221	2DCN-21MP90	7250-10375	1/8	1/4-28
G60595-0302	3DCN-2MP90	7250-10385	3/16	1/8-27
G60595-0402	4DCN-2MP90	7250-10395	1/4	1/8-27
G60595-0502	5DCN-2MP90	7250-10405	5/16	1/8-27
G60595-0604	6DCN-4MP90	7250-10415	3/8	1/4-18

Steel Tubing Male Inverted Swivel Nut - Steel

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	A1	
G60596-0202	2T-2MIXN-S	7250-10425	1/8	1/8-27
G60596-0303	3T-3MIXN-S	7250-10435	3/16	3/8-24
G60596-0404	4T-4MIXN-S	7250-10445	1/4	7/16-24
G60596-0505	5T-5MIXN-S	7250-10455	5/16	1/2-20
G60596-0606	6T-6MIXN-S	7250-10465	3/8	5/8-18
G60596-0607	6T-7MIXN-S	7250-10475	3/8	11/16-18
G60596-0707	7T-7MIXN-S	7250-10485	7/16	11/16-18
G60596-0808	8T-8MIXN-S	7250-10495	1/2	3/4-18
G60596-1010	10T-10MIXN-S	7250-10505	5/8	7/8-18
G60596-1212	12T-12MIXN-S	7250-10515	3/4	1 1/16-16
G60596-1414	14T-14MIXN-S	7250-10525	7/8	1 3/16-16
G60596-1616	16T-16MIXN-S	7250-10535	1	1 5/16-16

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Steel Tubing Male Inverted Swivel Nut - Steel - Long

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	A1	
G60597-0303	3T-3MIXN-SL	7250-10545	3/16	3/8-24
G60597-0404	4T-4MIXN-SL	7250-10555	1/4	7/16-24

Brass Tubing Male Inverted Swivel Nut

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	A1	
G60599-0303	3T-3MIXN-B	7250-10565	3/16	3/8-24
G60599-0404	4T-4MIXN-B	7250-10575	1/4	7/16-24
G60599-0505	5T-5MIXN-B	7250-10585	5/16	1/2-20
G60599-0606	6T-6MIXN-B	7250-10595	3/8	5/8-18
G60599-0808	8T-8MIXN-B	7250-10605	1/2	3/4-18

Female Pipe Cap - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60600-0002	2FPB-CAP	7250-10615	1/8-27
G60600-0004	4FPB-CAP	7250-10625	1/4-18
G60600-0006	6FPB-CAP	7250-10635	3/8-18
G60600-0008	8FPB-CAP	7250-10645	1/2-14
G60600-0012	12FP-BCAP	7250-16765	3/4-1/4

Male Pipe Plug - Hex Head - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60601-0001	1MPB-PLUG	7250-10655	1/16-32
G60601-0002	2MPB-PLUG	7250-10665	1/8-27
G60601-0004	4MPB-PLUG	7250-10675	1/4-18
G60601-0006	6MPB-PLUG	7250-10685	3/8-18
G60601-0008	8MPB-PLUG	7250-10695	1/2-14
G60601-0012	12MPB-PLUG	7250-10705	3/4-14

Male Pipe Plug - Square Head - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60602-0002		7250-10715	1/8-27
G60602-0004		7250-10725	1/4-18
G60602-0006		7250-10735	3/8-18
G60602-0008		7250-10745	1/2-14
G60602-0012	12MPB-PLUG SQ HEAD	7250-10755	3/4-14

Male Pipe Plug - Hex Key Head - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60603-0001		7250-10765	1/16-32
G60603-0002		7250-10775	1/8-27
G60603-0004		7250-10785	1/4-18
G60603-0006		7250-10795	3/8-18
G60603-0008		7250-10805	1/2-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Pipe Plug - Slotted Head - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60604-0002	2MPB-PLUG-SL	7250-10815	1/8-27
G60604-0004	4MPB-PLUG-SL	7250-10825	1/4-18
G60604-0006	6MPB-PLUG-SL	7250-10835	3/8-18

Male Pipe to Male Pipe - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60605-0102	1MP-2MPB	7250-10845	1/16-32	1/8-27
G60605-0202	2MP-2MPB	7250-10855	1/8-27	1/8-27
G60605-0204	2MP-4MPB	7250-10865	1/8-27	1/4-18
G60605-0206	2MP-6MPB	7250-10875	1/8-27	3/8-18
G60605-0404	4MP-4MPB	7250-10885	1/4-18	1/4-18
G60605-0406	4MP-6MPB	7250-10895	1/4-18	3/8-18
G60605-0408	4MP-8MPB	7250-16775	1/4-18	1/2-14
G60605-0606	6MP-6MPB	7250-10905	3/8-18	3/8-18
G60605-0608	6MP-8MPB	7250-16785	3/8-18	1/2-14
G60605-0808	8MP-8MPB	7250-10915	1/2-14	1/2-14
G60605-0812	8MP-12MPB	7250-16795	1/2-14	3/4-14
G60605-1212	12MP-12MPB	7250-10925	3/4-14	3/4-14

Male Pipe to Male Pipe - Short - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60606-0202	2MP-2MPB-CNS	7250-10935	1/8-27	1/8-27
G60606-0404	4MP-4MPB-CNS	7250-10945	1/4-18	1/4-18

Male Pipe to Male Pipe - Short - Brass - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G60606-0606	6MP-6MPB-CNS	7250-10955	3/8-18	3/8-18
G60606-0808	8MP-8MPB-CNS	7250-10965	1/2-14	1/2-14
G60606-1212	12MP-12MPB-CNS	7250-10975	3/4-14	3/4-14

Male Pipe to Male Pipe - Long - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60607-0202	2MP-2MPB-CNL	7250-10985	1/8-27	1/8-27
G60607-0404	4MP-4MPB-CNL	7250-10995	1/4-18	1/4-18
G60607-0606	6MP-6MPB-CNL	7250-11005	3/8-18	3/8-18

Male Pipe to Male Pipe - Extra Long - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60608-0202	2MP-2MPB-CNXL	7250-11015	1/8-27	1/8-27
G60608-0404	4MP-4MPB-CNXL	7250-11025	1/4-18	1/4-18
G60608-0606	6MP-6MPB-CNXL	7250-11035	3/8-18	3/8-18
G60608-0808	8MP-8MPB-CNXL	7250-11045	1/2-14	1/2-14
G60608-1212	12MP-12MPB-CNXL	7250-11055	3/4-14	3/4-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Pipe NPTF to Male Pipe NPTF - 90° - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60610-0202	2MP-2MPB90	7250-16805	1/8-27	1/8-27
G60610-0204	2MP-4MPB90	7250-16815	1/8-27	1/4-18
G60610-0206	2MP-6MPB90	7250-16825	1/8-27	3/8-18
G60610-0404	4MP-4MPB90	7250-16835	1/4-18	1/4-18
G60610-0406	4MP-6MPB90	7250-16845	1/4-18	3/8-18
G60610-0606	6MP-6MPB90	7250-16855	3/8-18	3/8-18
G60610-0608	6MP-8MPB90	7250-16865	3/8-18	1/2-14
G60610-0808	8MP-8MPB90	7250-16875	1/2-14	1/2-14

Male Pipe NPTF - Tee - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60612-0202	2MP-2MP-2MPB	7250-16885	1/8-27
G60612-0404	4MP-4MP-4MPB	7250-16895	1/4-18
G60612-0606	6MP-6MP-6MPB	7250-16905	3/8-18
G60612-0808	8MP-8MP-8MPB	7250-16915	1/2-14
G60612-1212	12MP-12MPB	7250-16925	3/4-14

Male Pipe to Female Pipe - Brass - Reducer

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	"	"
G60614-0402	4MP-2FPB	7250-11095	1/4-18	1/8-27
G60614-0602	6MP-2FPB	7250-11135	3/8-18	1/8-27
G60614-0604	6MP-4FPB	7250-11145	3/8-18	14/18
G60614-0802	8MP-2FPB	7250-11175	1/2-14	14/18
G60614-0804	8MP-4FPB	7250-11185	1/2-14	1/8-27
G60614-0806	8MP-6FPB	7250-11195	1/2-14	3/8-18
G60614-1206	12MP-6FPB	7250-11215	3/4-14	3/8-18
G60614-1208	12MP-8FPB	7250-11225	3/4-14	1/2-14

Male Pipe to Female Pipe - Long - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	"	"
G60615-0102	1MP-2FPB-L	7250-11065	1/16-32	1/8-27
G60615-0202	2MP-2FPB-L	7250-11075	1/8-27	1/8-27
G60615-0204	2MP-4FPB-L	7250-11085	1/8-27	14/18
G60615-0206	2MP-6FPB-L	7250-16935	1/8-27	3/8-18
G60615-0404	4MP-4FPB-L	7250-11105	1/4-18	1/4-18
G60615-0406	4MP-6FPB-L	7250-11115	1/4-18	3/8-18
G60615-0408	4MP-8FPB-L	7250-11125	14/18	1/2-14
G60615-0606	6MP-6FPB-L	7250-11155	3/8-18	3/8-18
G60615-0608	6MP-8FPB-L	7250-11165	1/2-14	1/2-14
G60615-0808	8MP-8FPB-L	7250-16945	1/2-14	1/2-14
G60615-0812	8MP-12FPB-L	7250-11205	1/2-14	3/4-14
G60615-1212	12MP-12FPB-L	7250-16955	3/4-14	3/4-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Pipe to Female Pipe - 45° - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60618-0202	2MP-2FP45	7250-11235	1/8-27	1/8-27
G60618-0404	4MP-4FP45	7250-11245	1/4-18	1/4-18
G60618-0606	6MP-6FP45	7250-11255	3/8-18	3/8-18
G60618-0808	8MP-8FP45	7250-11265	1/2-14	1/2-14
G60618-1212	12MP-12FP45	7250-11275	3/4-14	3/4-14

Male Pipe to Female Pipe - 90° - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60620-0101	1MP-1FPB90	7250-11285	1/16-32	1/16-32
G60620-0202	2MP-2FPB90	7250-11295	1/8-27	1/8-27
G60620-0204	2MP-4FPB90	7250-16965	1/8-27	1/4-18
G60620-0402	4MP-2FPB90	7250-11305	1/4-18	1/8-27
G60620-0404	4MP-4FPB90	7250-11315	1/4-18	1/4-18
G60620-0406	4MP-6FPB90	7250-16975	1/4-18	3/8-18
G60620-0604	6MP-4FPB90	7250-16985	3/8-18	1/4-18
G60620-0606	6MP-6FPB90	7250-11325	3/8-18	3/8-18
G60620-0608	6MP-8FPB90	7250-16995	3/8-18	1/2-14
G60620-0806	8MP-6FPB90	7250-17005	1/2-14	3/8-18
G60620-0808	8MP-8FPB90	7250-11335	1/2-14	1/2-14
G60620-1212	12MP-12FPB90	7250-11345	3/4-14	3/4-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Pipe to Female Pipe to Male SAE 45° Flare - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.			
			"	"	"
G60623-0203	2MP-2FP-3MS	7250-11355	1/8-27	1/8-27	3/8-24
G60623-0204	2MP-2FP-4MS	7250-11365	1/8-27	1/8-27	7/16-20

Male Pipe to Female Inverted - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60625-0202	2MP-2FI	7250-11375	1/8-27	5/16-28
G60625-0203	2MP-3FI	7250-11385	1/8-27	3/8-24
G60625-0204	2MP-4FI	7250-11395	1/8-27	7/16-24
G60625-0205	2MP-5FI	7250-11405	1/8-27	1/2-20
G60625-0206	2MP-6FI	7250-11415	1/8-27	5/8-18
G60625-0404	4MP-4FI	7250-11425	1/4-18	7/16-24
G60625-0405	4MP-5FI	7250-11435	1/4-18	1/2-20
G60625-0406	4MP-6FI	7250-11445	1/4-18	5/8-18
G60625-0408	4MP-8FI	7250-11485	1/4-18	3/4-18
G60625-0606	6MP-6FI	7250-11455	3/8-18	5/8-18
G60625-0607	6MP-7FI	7250-11465	1/4-18	11/16-18
G60625-0608	6MP-8FI	7250-11475	3/8-18	3/4-18
G60625-0808	8MP-8FI	7250-11495	1/2-14	3/4-18
G60625-0810	8MP-10FI	7250-11505	1/2-14	7/8-18
G60625-0812	8MP-12FI	7250-11515	1/2-14	1 1/16-16
G60625-1212	12MP-12FI	7250-11525	3/4-14	3/4-14
G60625-1214	12MP-14FI	7250-11535	3/4-14	1 3/16-16
G60625-1616	16MP-16FI	7250-11545	1-11 1/2	1 5/16-16

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Pipe to Female Inverted - 45° - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60626-0202	2MP-2FI45	7250-11555	1/8-27	5/16-28
G60626-0203	2MP-3FI45	7250-11565	1/8-27	3/8-24
G60626-0204	2MP-4FI45	7250-11575	1/8-27	7/16-24
G60626-0205	2MP-5FI45	7250-11585	1/8-27	1/2-20
G60626-0206	2MP-6FI45	7250-11595	1/8-27	5/8-18
G60626-0405	4MP-5FI45	7250-11605	1/4-18	1/2-20
G60626-0406	4MP-6FI45	7250-11615	1/4-18	5/8-18
G60626-0608	6MP-8FI45	7250-11625	3/8-18	3/4-18
G60626-0810	8MP-10FI45	7250-11635	1/2-14	7/8-18

Male Pipe to Female Inverted - 90° - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60627-0202	2MP-2FI90	7250-11645	1/8-27	5/16-28
G60627-0203	2MP-3FI90	7250-11655	1/8-27	3/8-24
G60627-0204	2MP-4FI90	7250-11665	1/8-27	7/16-24
G60627-0204R	2MP-4FI90R	7250-11675	1/8-27	7/16-24
G60627-0205	2MP-5FI90	7250-11685	1/8-27	1/2-20
G60627-0206	2MP-6FI90	7250-11695	1/8-27	5/8-18
G60627-0404	4MP-4FI90	7250-11705	1/4-18	7/16-24
G60627-0405	4MP-5FI90	7250-11715	1/4-18	1/2-20
G60627-0406	4MP-6FI90	7250-11725	1/4-18	5/8-18
G60627-0408	4MP-8FI90	7250-11745	1/4-18	3/4-18
G60627-0605	6MP-5FI90	7250-11755	3/8-18	1/2-20
G60627-0606	6MP-6FI90	7250-11765	3/8-18	5/8-18
G60627-0608	6MP-8FI90	7250-11775	3/8-18	3/4-18
G60627-0610	6MP-10FI90	7250-11785	3/8-18	7/8-18
G60627-0808	8MP-8FI90	7250-11795	1/2-14	3/4-18
G60627-0810	8MP-10FI90	7250-11805	1/2-14	7/8-18
G60627-0812	8MP-12FI90	7250-11815	1/2-14	1 1/16-16
G60627-1212	12MP-12FI90	7250-11825	3/4-14	1 1/16-16
G60627-1214	12MP-14FI90	7250-11835	3/4-14	1 3/16-16
G60627-1616	16MP-16FI90	7250-11845	1-11 1/2	1 5/16-16

Female Inverted on Run to Male Pipe NPTF - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.			
			"	"	"
G60628-0302	3FI-3FI-2MP	7250-11855	3/8-24	3/8-24	1/8-27
G60628-0402	4FI-4FI-2MP	7250-11865	7/16-24	7/16-24	1/8-27
G60628-0504	5FI-5FI-4MP	7250-11875	1/2-20	1/2-20	1/4-18
G60628-0604	6FI-6FI-4MP	7250-11885	5/8-18	5/8-18	1/4-18
G60628-0806	8FI-8FI-6MP	7250-11895	3/4-18	3/4-18	3/8-18

Male Pipe to Female Inverted to Female Inverted - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.			
			"	"	"
G60629-0203	2MP-3FI-3FI	7250-11905	1/8-27	3/8-24	3/8-24
G60629-0204	2MP-4FI-4FI	7250-11915	1/8-27	7/16-24	7/16-24
G60629-0205	2MP-5FI-5FI	7250-11925	1/8-27	1/2-20	1/2-20
G60629-0406	4MP-6FI-6FI	7250-11935	7/16-24	5/8-18	5/8-18
G60629-0408	4MP-8FI-8FI	7250-11945	7/16-24	3/4-18	3/4-18

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Pipe to Female Inverted - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60630-0202	2FP-2FI	7250-11955	1/8-27	5/16-28
G60630-0203	2FP-3FI	7250-11965	1/8-27	3/8-24
G60630-0204	2FP-4FI	7250-11975	1/8-27	7/16-24
G60630-0205	2FP-5FI	7250-11985	1/8-27	1/2-20
G60630-0404	4FP-4FI	7250-17095	1/4-18	7/16-24
G60630-0406	4FP-6FI	7250-11995	1/4-18	5/8-18
G60630-0407	4FP-7FI	7250-12005	1/4-18	11/16-18
G60630-0608	6FP-8FI	7250-12015	3/8-18	3/4-18
G60630-0810	8FP-10FI	7250-12025	1/2-14	7/8-18
G60630-0812	8FP-12FI	7250-12035	1/2-14	1 1/16-16

Female Pipe to Female Pipe - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60631-0101	1FP-1FPB	7250-12045	1/16-32	1/16-32
G60631-0202	2FP-2FPB	7250-12055	1/8-27	1/8-27
G60631-0402	4FP-2FPB	7250-12065	1/4-18	1/8-27
G60631-0404	4FP-4FPB	7250-12075	1/4-18	1/4-18
G60631-0602	6FP-2FPB	7250-12085	3/8-18	1/8-27
G60631-0604	6FP-4FPB	7250-12095	3/8-18	1/4-18
G60631-0606	6FP-6FPB	7250-12105	3/8-18	3/8-18
G60631-0806	8FP-6FPB	7250-12115	1/2-14	3/8-18
G60631-0808	8FP-8FPB	7250-12125	1/2-14	1/2-14
G60631-1208	12FP-8FP8	7250-17105	3/4-14	1/2-14
G60631-1212	12FP-12FPB	7250-12135	3/4-14	3/4-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Pipe to Female Pipe Swivel Union - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60632-0202	2FP-2FPXB	7250-12145	1/8-27
G60632-0404	4FP-4FPXB	7250-12155	1/4-18
G60632-0606	6FP-6FPXB	7250-12165	3/8-18
G60632-0808	8FP-8FPXB	7250-12175	1/2-14
G60632-1212	12FP-12FPXB	7250-17125	3/4-1/4

Female Pipe NPTF to Female Pipe NPTF - 45° - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60635-0202	2FP-2FPB45	7250-17135	1/8-27
G60635-0404	4FP-4FPB45	7250-17145	1/4-18
G60635-0606	6FP-6FPB45	7250-17155	3/8-18
G60635-0808	8FP-8FPB45	7250-17165	1/2-14
G60635-1212	12FP-12FPB45	7250-17175	3/4-14

Female Pipe to Female Pipe - 90° - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60637-0202	2FP-2FPB90	7250-12235	1/8-27	1/8-27
G60637-0204	2FP-4FPB90	7250-17185	1/8-27	1/4-18
G60637-0404	4FP-4FPB90	7250-12245	1/4-18	1/4-18
G60637-0406	4FP-6FPB90	7250-17195	1/4-18	3/8-18
G60637-0606	6FP-6FPB90	7250-12255	3/8-18	3/8-18
G60637-0608	6FP-8FPB90	7250-17205	3/8-18	1/2-14
G60637-0808	8FP-8FPB90	7250-12265	1/2-14	1/2-14
G60637-1212	12FP-12FPB90	7250-12275	3/4-14	3/4-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Pipe - Cross - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60639-0202	2FP-2FP-2FP-2FPB	7250-12285	1/8-27
G60639-0404	4FP-4FP-4FP-4FPB	7250-12295	1/4-18
G60639-0606	6FP-6FP-6FP-6FPB	7250-12305	3/8-18
G60639-0808	8FP-8FP-8FP-8FPB	7250-12315	1/2-14
G60639-1212	12FP-12FP-12FP-12FPB	7250-12325	3/4-14

Female Pipe - Union Tee - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60640-0101	1FP-1FP-1FPB	7250-12335	1/16-32	1/16-32
G60640-0202	2FP-2FP-2FPB	7250-12345	1/8-27	1/8-27
G60640-0204	2FP-2FP-4FPB	7250-17215	1/8-27	1/4-18
G60640-0402	4FP-4FP-2FPB	7250-17225	1/4-18	1/8-27
G60640-0404	4FP-4FP-4FPB	7250-12355	1/4-18	1/4-18
G60640-0604	6FP-6FP-4FPB	7250-17235	3/8-18	1/4-18
G60640-0606	6FP-6FP-6FPB	7250-12365	3/8-18	3/8-18
G60640-0806	8FP-8FP-6FPB	7250-17245	1/2-14	3/8-18
G60640-0808	8FP-8FP-8FPB	7250-12375	1/2-14	1/2-14
G60640-1208	12FP-12FP-8FPB	7250-17255	3/4-14	3/4-14
G60640-1212	12FP-12FP-12FPB	7250-12385	3/4-14	3/4-14

Female Pipe to Male Pipe to Female Pipe - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60641-0202	2FP-2MP-2FPB	7250-12395	1/8-27	1/8-27
G60641-0404	4FP-4MP-4FPB	7250-12405	1/4-18	1/4-18
G60641-0606	6FP-6MP-6FPB	7250-12415	3/8-18	3/8-18
G60641-0808	8FP-8MP-8FPB	7250-12425	1/2-14	1/2-14
G60641-1212	12FP-12MP-12FPB	7250-12435	3/4-14	3/4-14

Female Pipe on Run to Male Pipe - Tee - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60642-0202	2FP-2FP-2MPB	7250-12445	1/8-27	1/8-27
G60642-0404	4FP-4FP-4MPB	7250-12455	1/4-18	1/4-18
G60642-0606	6FP-6FP-6MPB	7250-12465	3/8-18	3/8-18
G60642-0808	8FP-8FP-8MPB	7250-12475	1/2-14	1/2-14
G60642-1212	12FP-12FP-12MPB	7250-12485	3/4-14	3/4-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female SAE 45° Flare Cap - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60643-0003	3FSCAP	7250-17265	3/8-24
G60643-0004	4FSCAP	7250-17275	7/16-20
G60643-0005	5FSCAP	7250-17285	1/2-20
G60643-0006	6FSCAP	7250-17295	5/8-18
G60643-0008	8FSCAP	7250-17305	11/16-24
G60643-0010	10FSCAP	7250-17315	7/8-14
G60643-0012	12FSCAP	7250-17325	1 1/16-14

Male SAE Plug - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60644-0003	3MSPLUG	7250-17335	3/8-24
G60644-0004	4MSPLUG	7250-17345	7/16-20
G60644-0005	5MSPLUG	7250-17355	1/2-20
G60644-0006	6MS-PLUG	7250-17365	5/8-18
G60644-0008	8MSPLUG	7250-17375	11/16-24
G60644-0010	10MS-PLUG	7250-17385	7/8-14
G60644-0012	12MS-PLUG	7250-17395	1 1/16-14

Male SAE 45° Flare to Male SAE 45° Flare - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60645-0202	2MS-2MS	7250-12495	5/16-24	5/16-24
G60645-0303	3MS-3MS	7250-12505	3/8-24	3/8-24
G60645-0403	4MS-3MS	7250-17405	7/16-20	3/8-24
G60645-0404	4MS-4MS	7250-12515	7/16-20	7/16-20
G60645-0504	5MS-4MS	7250-17415	1/2-20	7/16-20
G60645-0505	5MS-5MS	7250-12525	1/2-20	1/2-20
G60645-0604	6MS-4MS	7250-17425	5/8-18	7/16-20
G60645-0605	6MS-5MS	7250-17435	5/8-18	1/2-20
G60645-0606	6MS-6MS	7250-12535	5/8-18	5/8-18
G60645-0804	8MS-4MS	7250-17445	3/4-16	7/16-20
G60645-0806	8MS-6MS	7250-17455	3/4-16	5/8-18
G60645-0808	8MS-8MS	7250-12545	3/4-16	3/4-16
G60645-1006	10MS-6MS	7250-17465	7/8-14	5/8-18
G60645-1008	10MS-8MS	7250-17475	7/8-14	3/4-16
G60645-1010	10MS-10MS	7250-12555	7/8-14	7/8-14
G60645-1208	12MS-8MS	7250-17485	1 1/16-14	3/4-16
G60645-1210	12MS-10MS	7250-17495	1 1/16-14	7/8-14
G60645-1212	12MS-12MS	7250-12565	1 1/16-14	1 1/16-14

Male SAE 45° Flare to Male SAE 45° Flare - 90° - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60648-0202	2MS-2MS90	7250-17505	5/16-24	5/16-24
G60648-0404	4MS-4MS90	7250-12575	7/16-20	7/16-20
G60648-0505	5MS-5MS90	7250-12585	1/2-20	1/2-20
G60648-0604	6MS-4MS90	7250-17515	5/8-18	7/16-20
G60648-0605	6MS-5MS90	7250-17525	5/8-18	1/2-20
G60648-0606	6MS-6MS90	7250-12595	5/8-18	5/8-18
G60648-0804	8MS-4MS90	7250-17535	3/4-16	7/16-20
G60648-0806	8MS-6MS90	7250-17545	3/4-16	5/8-18

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male SAE 45° Flare to Male SAE 45° Flare - 90° - Brass - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G60648-0808	8MS-8MS90	7250-12605	3/4-16	3/4-16
G60648-1006	10MS-6MS90	7250-17555	7/8-14	5/8-18
G60648-1008	10MS-8MS90	7250-17565	7/8-14	3/4-16
G60648-1010	10MS-10MS90	7250-12615	7/8-14	7/8-14
G60648-1208	12MS-8MS90	7253-67815	1 1/16-14	3/4-16
G60648-1210	12MS-10MS90	7250-17585	1 1/16-14	7/8-14
G60648-1212	12MS-12MS90	7250-17595	1 1/16-14	1 1/16-14

Male SAE 45° Flare to Male Pipe - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60650-0202	2MS-2MP	7250-12625	5/16-24	1/8-27
G60650-0302	3MS-2MP	7250-12635	3/8-24	1/8-27
G60650-0402	4MS-2MP	7250-12645	7/16-20	1/8-27
G60650-0404	4MS-4MP	7250-12655	7/16-20	1/4-18
G60650-0406	4MS-6MP	7250-18525	7/16-20	3/8-18
G60650-0408	4MS-8MP	7250-18535	7/16-20	1/2-14
G60650-0502	5MS-2MP	7250-12665	1/2-20	1/8-27
G60650-0504	5MS-4MP	7250-12675	1/2-20	1/4-18
G60650-0506	5MS-6MP	7250-18545	1/2-20	3/8-18
G60650-0602	6MS-2MP	7250-12685	5/8-18	1/8-27
G60650-0604	6MS-4MP	7250-12695	5/8-18	1/4-18
G60650-0606	6MS-6MP	7250-12705	5/8-18	3/8-18
G60650-0608	6MS-8MP	7250-12715	5/8-18	1/2-14
G60650-0704	7MS-4MP	7250-12725	11/16-16	1/4-18
G60650-0804	8MS-4MP	7250-12735	3/4-16	1/4-18
G60650-0806	8MS-6MP	7250-12745	3/4-16	3/8-18
G60650-0808	8MS-8MP	7250-12755	3/4-16	1/2-14
G60650-0812	8MS-12MP	7250-18555	3/4-16	3/4-14
G60650-1006	10MS-6MP	7250-12765	7/8-14	3/8-18
G60650-1008	10MS-8MP	7250-12775	7/8-14	1/2-14
G60650-1012	10MS-12MP	7250-18565	7/8-14	3/4-14
G60650-1208	12MS-8MP	7250-12785	1 1/16-14	1/2-14
G60650-1212	12MS-12MP	7250-12795	1 1/16-14	3/4-14

Male SAE 45° Flare to Male Pipe - 45° - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60652-0402	4MS-2MP45	7250-12805	7/16-20	1/8-27
G60652-0404	4MS-4MP45	7250-12815	7/16-20	1/4-18
G60652-0502	5MS-2MP45	7250-12825	7/16-20	1/4-18
G60652-0504	5MS-4MP45	7250-12835	7/16-20	1/4-18
G60652-0604	6MS-4MP45	7250-12845	5/8-18	1/4-18
G60652-0606	6MS-6MP45	7250-12855	5/8-18	3/8-18
G60652-0608	6MS-8MP45	7250-17605	5/8-18	1/2-14
G60652-0806	8MS-6MP45	7250-12875	3/4-16	3/8-18
G60652-0808	8MS-8MP45	7250-12885	3/4-16	1/2-14
G60652-1006	10MS-6MP45	7250-12865	7/8-14	3/8-18
G60652-1008	10MS-8MP45	7250-12895	7/8-14	3/4-16
G60652-1208	12MS-8MP45	7250-17615	1 1/16-14	1/2-14
G60652-1212	12MS-12MP45	7250-12905	1 1/16-14	1 1/16-14

Male SAE 45° Flare to Male Pipe - 90° - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60654-0202	2MS-2MP90	7250-12915	5/16-24	1/8-27
G60654-0302	3MS-2MP90	7250-12925	3/8-24	1/8-27
G60654-0402	4MS-2MP90	7250-12935	7/16-20	1/8-27
G60654-0404	4MS-4MP90	7250-12945	7/16-20	1/4-18
G60654-0406	4MS-6MP90	7250-12955	7/16-20	3/8-18
G60654-0502	5MS-2MP90	7250-12965	1/2-20	1/8-27
G60654-0504	5MS-4MP90	7250-12975	1/2-20	1/4-18
G60654-0506	5MS-6MP90	7250-17625	1/2-20	5/8-18
G60654-0602	6MS-2MP90	7250-12985	5/8-18	1/8-27
G60654-0604	6MS-4MP90	7250-12995	5/8-18	1/4-18
G60654-0606	6MS-6MP90	7250-13005	5/8-18	3/8-18
G60654-0607	6MS-7MP90	7250-13015	3/8-18	5/8-18

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male SAE 45° Flare to Male Pipe - 90° - Brass - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G60654-0608	6MS-8MP90	7250-13025	5/8-18	1/2-14
G60654-0612	6MS-12MP90	7250-18575	5/8-18	3/4-14
G60654-0706	7MS-6MP90	7250-18485	5/8-18	3/8-18
G60654-0804	8MS-4MP90	7250-13035	3/4-16	1/4-18
G60654-0806	8MS-6MP90	7250-13045	3/4-16	3/8-18
G60654-0808	8MS-8MP90	7250-13055	3/4-16	1/2-14
G60654-0812	8MS-12MP90	7250-18495	3/4-16	3/4-14
G60654-1006	10MS-6MP90	7250-13065	7/8-14	3/8-18
G60654-1008	10MS-8MP90	7250-13075	7/8-14	1/2-14
G60654-1012	10MS-12MP90	7250-18585	7/8-14	3/4-14
G60654-1208	12MS-8MP90	7250-13085	1 1/16-14	1/2-14
G60654-1212	12MS-12MP90	7250-13095	1 1/16-14	3/4-14

Male SAE 45° Flare on Run to Male Pipe - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60657-0202	2MS-2MS-2MP	7250-17635	3/16-24	1/8-27
G60657-0302	3MS-3MS-2MP	7250-13105	3/8-24	1/8-27
G60657-0402	4MS-4MS-2MP	7250-13115	7/16-20	1/8-27
G60657-0404	4MS-4MS-4MP	7250-13125	7/16-20	1/4-18
G60657-0406	4MS-4MS-6MP	7250-17645	7/16-20	3/8-18
G60657-0408	4MS-4MS-8MP	7250-17655	7/16-20	1/2-14
G60657-0502	5MS-5MS-2MP	7250-13135	1/2-20	1/4-27
G60657-0504	5MS-5MS-4MP	7250-13145	1/2-20	1/4-18
G60657-0602	6MS-6MS-2MP	7250-17665	5/8-18	1/8-27
G60657-0604	6MS-6MS-4MP	7250-13155	5/8-18	1/4-18
G60657-0606	6MS-6MS-6MP	7250-13165	5/8-18	3/8-18
G60657-0608	6MS-6MS-8MP	7250-17675	5/8-18	1/2-14
G60657-0804	8MS-8MS-4MP	7250-17685	3/4-16	1/4-18
G60657-0806	8MS-8MS-6MP	7250-13175	3/4-16	3/8-18
G60657-0808	8MS-8MS-8MP	7250-13185	3/4-16	1/2-14
G60657-0812	8MS-8MS-12MP	7250-17695	3/4-16	3/4-14
G60657-1008	10MS-10MS-8MP	7250-13195	7/8-14	1/2-14
G60657-1012	10MS-10MS-12MP	7250-17705	7/8-14	3/4-14
G60657-1208	12MS-12MS-8MP	7250-17715	1 1/6-14	1/2-14
G60657-1212	12MS-12MS-12MP	7250-13215	1 1/6-14	3/4-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Pipe NPTF to Male SAE 45° Flare to Male SAE 45° Flare - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60659-0203	2MP-3MS-3MS	7250-13225	1/8-27	3/8-24
G60659-0204	2MP-4MS-4MS	7250-13235	1/8-27	7/16-20
G60659-0205	2MP-5MS-5MS	7250-13245	1/8-27	1/2-20
G60659-0206	2MP-6MS-6MS	7250-17725	1/8-27	5/8-18
G60659-0404	4MP-4MS-4MS	7250-13255	1/4-18	7/16-20
G60659-0405	4MP-5MS-5MS	7250-13265	1/4-18	1/2-20
G60659-0406	4MP-6MS-6MS	7250-13275	1/4-18	5/8-18
G60659-0408	4MP-8MS-8MS	7250-17735	1/4-18	3/4-16
G60659-0604	6MP-4MS-4MS	7250-17745	3/8-18	7/16-20
G60659-0606	6MP-6MS-6MS	7250-13285	3/8-18	5/8-18
G60659-0608	6MP-8MS-8MS	7250-13295	3/8-18	3/4-16
G60659-0610	6MP-10MS-10MS	7250-17755	3/8-18	7/8-14
G60659-0806	8MP-6MS-6MS	7250-17765	1/2-14	5/8-18
G60659-0808	8MP-8MS-8MS	7250-13305	1/2-14	3/4-16
G60659-0810	8MP-10MS-10MS	7250-13315	1/2-14	7/8-14
G60659-0812	8MP-12MS-12MS	7250-17775	1/2-14	1 1/6-14
G60659-1212	12MP-12MS-12MS	7250-13325	3/4-14	1 1/6-14

Male SAE 45° Flare to Female Pipe - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60660-0202	2MS-2FP	7250-17785	7/16-20	1/8-27
G60660-0302	3MS-2FP	7250-13335	3/8-24	1/8-27
G60660-0402	4MS-2FP	7250-13345	7/16-20	1/8-27
G60660-0404	4MS-4FP	7250-13355	7/16-20	1/4-18
G60660-0406	4MS-6FP	7250-18595	7/16-20	1/2-14
G60660-0408	4MS-8FP	7250-17795	7/16-20	1/2-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male SAE 45° Flare to Female Pipe - Brass - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G60660-0502	5MS-2FP	7250-13365	1/2-20	1/8-27
G60660-0504	5MS-4FP	7250-13375	1/2-20	1/4-18
G60660-0506	5MS-6FP	7250-17805	1/2-20	3/8-18
G60660-0602	6MS-2FP	7250-13385	1/2-20	3/8-18
G60660-0604	6MS-4FP	7250-13395	5/8-18	1/4-18
G60660-0606	6MS-6FP	7250-13405	5/8-18	3/8-18
G60660-0608	6MS-8FP	7250-13415	5/8-18	1/2-14
G60660-0804	8MS-4FP	7250-13425	3/4-16	1/4-18
G60660-0806	8MS-6FP	7250-13435	3/4-16	3/8-18
G60660-0808	8MS-8FP	7250-13445	3/4-16	1/2-14
G60660-1006	10MS-6FP	7250-18605	7/8-14	3/8-18
G60660-1008	10MS-8FP	7250-13455	7/8-14	1/2-14
G60660-1012	10MS-12FP	7250-18615	7/8-14	3/4-14
G60660-1208	12MS-8FP	7250-17815	1 1/6-14	1/2-14
G60660-1212	12MS-12FPB	7253-26355	1 1/6-14	3/4-14

Male SAE 45° Flare to Female Pipe - 90° - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60664-0302	3MS-2FP90	7250-13465	3/8-24	1/8-27
G60664-0402	4MS-2FP90	7250-13475	7/16-20	1/8-27
G60664-0404	4MS-4FP90	7250-13485	7/16-20	1/4-18
G60664-0406	4MS-6FP90	7250-17835	7/16-20	3/8-18
G60664-0502	5MS-2FP90	7250-13495	1/2-20	1/8-27
G60664-0504	5MS-4FP90	7250-13505	1/2-20	1/4-18
G60664-0604	6MS-4FP90	7250-13515	5/8-18	1/4-18
G60664-0606	6MS-6FP90	7250-13525	5/8-18	3/8-18
G60664-0806	8MS-6FP90	7250-13535	3/4-16	3/8-18
G60664-0808	8MS-8FP90	7250-13545	3/4-16	1/2-14
G60664-1006	10MS-6FP90	7250-18625	7/8-14	3/8-18
G60664-1008	10MS-8FP90	7250-13555	7/8-14	1/2-14
G60664-1208	12MS-8FP90	7250-18635	1 1/16-14	1/2-14
G60664-1212	12MS-12FP90	7250-18645	1 1/16-14	3/4-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male SAE 45° Flare - Tee 1 - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60669-0202	2MS-2MS-2MS	7250-13565	5/16-24	5/16-24
G60669-0303	3MS-3MS-3MS	7250-13575	3/8-24	3/8-24
G60669-0404	4MS-4MS-4MS	7250-13585	7/16-20	7/16-20
G60669-0406	4MS-4MS-6MS	7250-17855	7/16-20	5/8-18
G60669-0504	5MS-5MS-4MS	7250-17865	1/2-20	7/16-20
G60669-0505	5MS-5MS-5MS	7250-13595	1/2-20	1/2-20
G60669-0604	6MS-6MS-4MS	7250-17875	5/8-18	7/16-20
G60669-0606	6MS-6MS-6MS	7250-13605	5/8-18	5/8-18
G60669-0608	6MS-6MS-8MS	7250-17885	5/8-18	3/4-16
G60669-0610	6MS-6MS-10MS	7250-17895	5/8-18	5/8-18
G60669-0804	8MS-8MS-4MS	7250-17905	3/4-16	7/16-20
G60669-0806	8MS-8MS-6MS	7250-17915	3/4-16	5/8-18
G60669-0808	8MS-8MS-8MS	7250-13615	3/4-16	3/4-16
G60669-0810	8MS-8MS-10MS	7250-17925	3/4-16	7/8-14
G60669-0812	8MS-8MS-12MS	7250-17935	3/4-16	1 1/6-14
G60669-1004	10MS-10MS-4MS	7250-17945	7/8-14	7/16-20
G60669-1006	10MS-10MS-6MS	7250-17955	7/8-14	5/8-18
G60669-1008	10MS-10MS-8MS	7250-17965	7/8-14	3/4-16
G60669-1010	10MS-10MS-10MS	7250-13625	7/8-14	7/8-14
G60669-1208	12MS-12MS-8MS	7250-17975	1 1/6-14	3/4-16
G60669-1210	12MS-12MS-10MS	7250-17985	1 1/6-14	7/8-14
G60669-1212	12MS-12MS-12MS	7250-13635	1 1/6-14	1 1/6-14

Male SAE 45° Flare - Tee 2 - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60670-0604	6MS-4MS-4MS	7250-17995	5/8-18	7/16-20
G60670-0806	8MS-6MS-6MS	7250-18005	3/4-16	5/8-18
G60670-1006	10MS-6MS-6MS	7250-18015	7/8-14	5/8-18

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male SAE 45° Flare - Tee 2 - Brass - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G60670-1008	10MS-8MS-8MS	7250-18025	7/8-14	3/4-16

Male SAE 45° Flare - Tee 3 - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60671-0604	6MS-4MS-6MS	7250-18035	5/8-18	7/16-20
G60671-0804	8MS-4MS-8MS	7250-18045	3/4-16	7/16-20
G60671-0806	8MS-6MS-8MS	7250-18055	3/4-16	5/8-18
G60671-1006	10MS-6MS-10MS	7250-18065	7/8-14	5/8-18
G60671-1008	10MS-8MS-10MS	7250-18075	7/8-14	3/4-16
G60671-1210	12MS-10MS-12MS	7250-18085	1 1/6-14	7/8-14

Female SAE 45° Flare Nut - Short - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60675-0002	2FSN-S	7250-13675	5/16-24
G60675-0003	3FSN-S	7250-13685	3/8-24
G60675-0004	4FSN-S	7250-13695	7/16-20
G60675-0005	5FSN-S	7250-13705	1/2-20
G60675-0006	6FSN-S	7250-13715	5/8-18
G60675-0007	7FSN-S	7250-13725	11/16-16
G60675-0008	8FSN-S	7250-13735	3/4-16
G60675-0010	10FSN-S	7250-13745	7/8-14
G60675-0012	12FSN-S	7250-13755	1 1/16-14

Female SAE 45° Flare Nut - Long - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60676-0003	3FSN-L	7250-13765	3/8-24
G60676-0004	4FSN-L	7250-13775	7/16-20
G60676-0005	5FSN-L	7250-13785	1/2-20
G60676-0006	6FSN-L	7250-13795	5/8-18
G60676-0008	8FSN-L	7250-13805	3/4-16
G60676-0010	10FSN-L	7250-13815	7/8-14

Male SAE 45° - Male Inverted - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60679-0403	4MS-3MI	7250-13645	7/16-20	3/8-24
G60679-0404	4MS-4MI	7250-13655	7/16-20	7/16-24
G60679-0606	6MS-6MI	7250-13665	5/8-18	5/8-18

Male SAE 45° Flare - Cross - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60680-0404	4MSCROSS	7250-18095	7/16-20
G60680-0505	5MSCROSS	7250-18105	1/2-20
G60680-0606	6MSCROSS	7250-18115	5/8-18
G60680-0808	8MSCROSS	7250-18125	3/4-16

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

SAE Tubing Sleeve Nut - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	⊖ "	
G60685-0004	4STSN	7250-18195	1/4	7/16-20
G60685-0005	5STSN	7250-18205	5/16	1/2-20
G60685-0006	6STSN	7250-18215	3/8	5/8-18
G60685-0008	8STSN	7250-18225	1/2	3/4-16
G60685-0010	10STSN	7250-18235	5/8	7/8-14
G60685-0012	12STSN	7250-18245	3/4	1 1/16-14

Male SAE 45° Flare to Male Pipe - Check Valve - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	"	"
G60690-0204	2MS-4MP-CV	7250-13825	5/16-24	1/4-18
G60690-0402	4MS-2MP-CV	7250-13835	7/16-20	1/8-27
G60690-0502	5MS-2MP-CV	7250-18505	1/2-20	1/8-27
G60690-0604	6MS-4MP-CV	7250-13845	5/8-18	1/4-18

Male Inverted Plug - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60691-0003	3MI-PLUG	7250-13855	3/8-24
G60691-0004	4MI-PLUG	7250-13865	7/16-24
G60691-0005	5MI-PLUG	7250-13875	1/2-20
G60691-0006	6MI-PLUG	7250-13885	5/8-18

Female Inverted to Female Inverted - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60693-0202	2FI-2FI	7250-13955	5/16-28
G60693-0303	3FI-3FI	7250-13965	3/8-24
G60693-0404	4FI-4FI	7250-13975	7/16-24
G60693-0505	5FI-5FI	7250-13985	1/2-20
G60693-0606	6FI-6FI	7250-13995	5/8-18
G60693-0808	8FI-8FI	7250-14005	3/4-16
G60693-1010	10FI-10FI	7250-14015	7/8-18

Female Inverted to Female Inverted - 90° - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60694-0404	4FI-4FI90	7250-14025	7/16-24
G60694-0505	5FI-5FI90	7250-14035	1/2-20
G60694-0606	6FI-6FI90	7250-14045	5/8-18
G60694-0808	8FI-8FI90	7250-14055	3/4-18

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Inverted - Tee - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.			
			"	"	"
G60695-0303	3FI-3FI-3FI	7250-14085	3/8-24	3/8-24	3/8-24
G60695-0505	5FI-5FI-5FI	7250-14135	1/2-20	1/2-20	1/2-20
G60695-1414	14FI-14FI-14FI	7250-14215	1 3/16-16	1 3/16-16	1 3/16-16

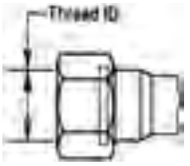
Female Inverted on Run to Female Pipe - Tee - Brass

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.			
			"	"	"
G60696-0303	3FI-3FI-3FP	7250-14225	3/8-24	3/8-24	1/8-27
G60696-0404	4FI-4FI-4FP	7250-14235	7/16-24	7/16-24	1/4-18
G60696-0505	5FI-5FI-5FP	7250-14245	1/2-20	1/2-20	1/4-18
G60696-0604	6FI-6FI-4FP	7250-14255	5/8-18	5/8-18	3/8-18
G60696-0808	8FI-8FI-8FP	7250-14265	3/4-18	3/4-18	1/2-14

Female Flat-Face O-Ring Cap

For use up to SAE 100R2 maximum working pressure.



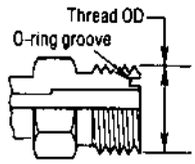
Part No.	Descr.	Prod. No.	
G60701-0004	4FFOR-CAP	7253-32125	9/16-18
G60701-0006	6FFOR-CAP	7253-32135	11/16-16
G60701-0008	8FFOR-CAP	7253-32145	13/16-16

Female Flat-Face O-Ring Cap - Cont'd

Part No.	Descr.	Prod. No.	
G60701-0010	10FFOR-CAP	7253-32155	1-14
G60701-0012	12FFOR-CAP	7253-32165	1 3/16-12
G60701-0016	16FFOR-CAP	7253-32175	1 7/16-12
G60701-0020	20FFOR-CAP	7253-32185	1 11/16-12
G60701-0024	24FFOR-CAP	7253-32195	2-12

Male Flat-Face O-Ring Plug

For use up to SAE 100R2 maximum working pressure.



Part No.	Descr.	Prod. No.	
G60702-0004	4MFFOR-PLUG	7259-32045	9/16-18
G60702-0006	6MFFOR-PLUG	7259-32055	11/16-16
G60702-0008	8MFFOR-PLUG	7259-32065	13/16-16
G60702-0010	10MFFOR-PLUG	7259-32075	1-14
G60702-0012	12MFFOR-PLUG	7259-32085	1 3/16-12
G60702-0016	16MFFOR-PLUG	7259-32095	1 7/16-12
G60702-0020	20MFFOR-PLUG	7259-32105	1 11/16-12
G60702-0024	24MFFOR-PLUG	7259-32115	2-12
G60702-0032	32MFFOR-PLUG	7259-09655	2 1/2-12

Male Flat-Face O-Ring to Male Flat-Face O-Ring

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60705-0404	4MFFOR-4MFFOR	7259-43965	9/16-18	9/16-18
G60705-0604	6MFFOR-4MFFOR	7259-43975	11/16-16	9/16-18
G60705-0606	6MFFOR-6MFFOR	7259-43985	11/16-16	11/16-16
G60705-0806	8MFFOR-6MFFOR	7259-43995	13/16-16	11/16-16
G60705-0808	8MFFOR-8MFFOR	7259-44005	13/16-16	13/16-16
G60705-1010	10MFFOR-10MFFOR	7259-44025	1-14	1-14
G60705-1212	12MFFOR-12MFFOR	7259-44045	1 3/16-12	1 3/16-12
G60705-1616	16MFFOR-16MFFOR	7259-44065	1 7/16-12	1 7/16-12
G60705-2020	20MFFOR-20MFFOR	7259-44075	1 11/16-12	1 11/16-12
G60705-2424	24MFFOR-24MFFOR	7259-44085	2-12	2-12

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

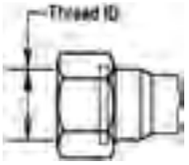
Male Flat-Face O-Ring to Male Flat-Face O-Ring - 90°

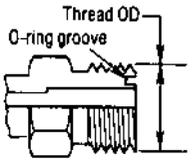
For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60712-0404	4MFFOR-4MFFOR90	7259-44105	9/16-18
G60712-0808	8MFFOR-8MFFOR90	7259-44125	13/16-16

Male Flat-Face O-Ring to Female Flat-Face Swivel - 90°

For use up to SAE 100R2 maximum working pressure.





Part No.	Descr.	Prod. No.		
			"	"
G60724-0404	4MFFOR-4FFORX90	7259-06075	9/16-18	9/16-18
G60724-0606	6MFFOR-6FFORX90	7259-31905	11/16-16	11/16-16
G60724-0808	8MFFOR-8FFORX90	7259-00345	13/16-16	13/16-16
G60724-1010	10MFFOR-10FFORX90	7259-05585	1-14	1-14
G60724-1212	12MFFOR-12FFORX90	7259-06085	1 3/16-12	1 3/16-12
G60724-1616	16MFFOR-16FFORX90	7259-05285	1 7/16-12	1 7/16-12
G60724-2020	20MFFOR-20FFORX90	7259-09665	1 11/16-12	1 11/16-12
G60724-2424	24MFFOR-24FFORX90	7259-09675	2-12	2-12

Male Flat-Face O-Ring Tee

For use up to SAE 100R2 maximum working pressure.

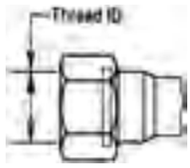
Part No.	Descr.	Prod. No.	
G60740-0404	4MFFOR-4MFFOR-4MFFOR	7259-04805	9/16-18

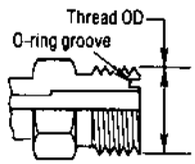
Male Flat-Face O-Ring Tee - Cont'd

Part No.	Descr.	Prod. No.	
G60740-0606	6MFFOR-6MFFOR-6MFFOR	7259-04815	11/16-16
G60740-0808	8MFFOR-8MFFOR-8MFFOR	7259-04825	13/16-16
G60740-1010	10MFFOR-10MFFOR-10MFFOR	7259-04835	1-14
G60740-1212	12MFFOR-12MFFOR-12MFFOR	7259-04845	1 3/16-12
G60740-1616	16MFFOR-16MFFOR-16MFFOR	7259-04855	1 7/16-12
G60740-2020	20MFFOR-20MFFOR-20MFFOR	7259-04865	1 11/16-12
G60740-2424	24MFFOR-24MFFOR-24MFFOR	7259-04875	2-12

Male Flat-Face O-Ring on Run to Female Flat-Face Swivel - Tee

For use up to SAE 100R2 maximum working pressure.





Part No.	Descr.	Prod. No.		
			"	"
G60742-0404	4MFFOR-4MFFOR-4FFORX	7259-31805	9/16-18	9/16-18
G60742-0606	6MFFOR-6MFFOR-6FFORX	7259-31815	11/16-16	11/16-16
G60742-0808	8MFFOR-8MFFOR-8FFORX	7259-31825	13/16-16	13/16-16
G60742-1010	10MFFOR-10MFFOR-10FFORX	7259-09685	1-14	1-14
G60742-1212	12MFFOR-12MFFOR-12FFORX	7259-09695	1 3/16-12	1 3/16-12
G60742-1616	16MFFOR-16MFFOR-16FFORX	7259-09705	1 1/16-12	7/16-20
G60742-2020	20MFFOR-20MFFOR-20FFORX	7259-09715	1 11/16-12	1 11/16-12
G60742-2424	24MFFOR-24MFFOR-24FFORX	7259-09725	2-12	2-12

Male Flat-Face O-Ring to Female Flat-Face O-Ring to Male Flat-Face O-Ring - Tee

For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.	
G60744-0404	4MFFOR-4FFORX-4MFFOR	7259-00265	9/16-18
G60744-0606	6MFFOR-6FFORX-6MFFOR	7259-00135	11/16-16
G60744-0808	8MFFOR-8FFORX-8MFFOR	7259-00225	13/16-16
G60744-1010	10MFFOR-10FFORX-10MFFOR	7259-06815	1-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Flat-Face O-Ring to Female Flat-Face O-Ring to Male Flat-Face O-Ring - Tee - Cont'd

Part No.	Descr.	Prod. No.	
G60744-1212	12MFFOR-12FFORX-12MFFOR	7259-00555	1 3/16-12
G60744-1616	16MFFOR-16FFORX-16MFFOR	7259-06025	1 7/16-12
G60744-2020	20MFFOR-20FFORX-20MFFOR	7259-04785	1 11/16-12
G60744-2424	24MFFOR-24FFORX-24MFFOR	7259-04795	2-12

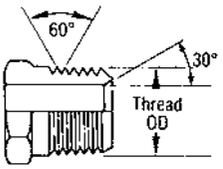
Male Flat-Face O-Ring to Male Flat-Face "O" Bulkhead - Tee

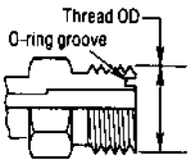
For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.			
			"	"	"
G60748-0808	8-8-8MFFOR-BKHDT	7253-32605	3/16-16	13/16-18	13/16-18

Male Flat-Face O-Ring to Male Pipe NPTF

For use up to SAE 100R2 maximum working pressure.





Part No.	Descr.	Prod. No.		
			"	"
G60770-0402	4MFFOR-2MP	7259-30615	9/16-18	1/8-27
G60770-0404	4MFFOR-4MP	7259-30625	9/16-18	1/4-18
G60770-0406	4MFFOR-6MP	7259-30635	9/16-18	3/8-18
G60770-0604	6MFFOR-4MP	7259-30645	11/16-16	1/4-18
G60770-0606	6MFFOR-6MP	7259-30655	11/16-16	3/8-18
G60770-0608	6MFFOR-8MP	7259-30665	11/16-16	1/2-14
G60770-0804	8MFFOR-4MP	7259-09845	13/16-16	1/4-18
G60770-0806	8MFFOR-6MP	7259-30675	13/16-16	3/8-18
G60770-0808	8MFFOR-8MP	7259-30685	13/16-16	1/2-14
G60770-0812	8MFFOR-12MP	7259-06845	13/16-16	3/4-14
G60770-1008	10MFFOR-8MP	7259-30695	1-14	1/2-14
G60770-1012	10MFFOR-12MP	7259-06755	1-14	3/4-14
G60770-1208	12MFFOR-8MP	7259-06035	1 3/16-12	1/2-14
G60770-1212	12MFFOR-12MP	7259-30705	1 3/16-12	3/4-14
G60770-1216	12MFFOR-16MP	7259-08115	1 3/16-12	1-11 1/2
G60770-1612	16MFFOR-12MP	7259-07075	1 7/16-12	3/4-14
G60770-1616	16MFFOR-16MP	7259-30715	1 7/16-12	1-11 1/2
G60770-2020	20MFFOR-20MP	7259-30725	1 11/16-12	1 1/4-11 1/2
G60770-2424	24MFFOR-24MP	7259-07595	2-12	1 1/2-11 1/2

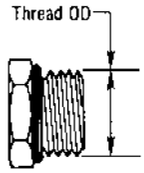
Male Flat-Face O-Ring to Female JIC 37° Flare Swivel

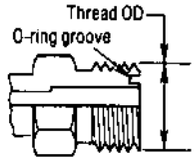
For use up to SAE 100R2 maximum working pressure.

Part No.	Descr.	Prod. No.		
			"	"
G60785-0404	4MFFOR-4FJX	7259-09995	9/16-18	7/16-20
G60785-0606	6MFFOR-6FJX	7259-05135	11/16-16	9/16-18
G60785-0808	8MFFOR-8FJX	7259-05365	13/16-16	3/4-16
G60785-1010	10MFFOR-10FJX	7259-06335	1-14	7/8-14
G60785-1212	12MFFOR-12FJX	7259-05215	1 3/16-12	1 1/16-12
G60785-1616	16MFFOR-16FJX	7259-06765	1 7/16-12	1 5/16-12

Male Flat-Face O-Ring to Male O-Ring Boss

For use up to SAE 100R2 maximum working pressure.





Part No.	Descr.	Prod. No.		
			"	"
G60800-0404	4MFFOR-4MB	7259-30015	9/16-18	7/16-20
G60800-0406	4MFFOR-6MB	7259-29905	9/16-18	9/16-18
G60800-0408	4MFFOR-8MB	7259-30115	9/16-18	3/4-16
G60800-0604	6MFFOR-4MB	7259-30025	11/16-16	9/16-18
G60800-0606	6MFFOR-6MB	7259-00085	11/16-16	7/16-20
G60800-0608	6MFFOR-8MB	7259-29925	11/16-16	3/4-16
G60800-0610	6MFFOR-10MB	7259-30095	11/16-16	7/8-14
G60800-0806	8MFFOR-6MB	7259-30035	13/16-16	3/4-16
G60800-0808	8MFFOR-8MB	7259-29915	13/16-16	9/16-18
G60800-0810	8MFFOR-10MB	7259-30105	13/16-16	7/8-14
G60800-0812	8MFFOR-12MB	7259-30125	13/16-16	1 1/16-12
G60800-0816	8MFFOR-16MB	7259-08005	13/16-16	1 5/16-12
G60800-1008	10MFFOR-8MB	7259-00155	1-14	3/4-16
G60800-1010	10MFFOR-10MB	7259-30045	1-14	7/8-14
G60800-1012	10MFFOR-12MB	7259-00165	1-14	1 1/16-12
G60800-1208	12MFFOR-8MB	7259-30135	1 3/16-12	3/4-16
G60800-1210	12MFFOR-10MB	7259-05385	1 3/16-12	7/8-14
G60800-1212	12MFFOR-12MB	7259-30055	1 3/16-12	1 1/16-12
G60800-1216	12MFFOR-16MB	7259-30175	1 3/16-12	1 5/16-12
G60800-1612	16MFFOR-12MB	7259-30185	1 7/16-12	1 1/16-12
G60800-1616	16MFFOR-16MB	7259-50255	1 7/16-12	1 5/16-12
G60800-1620	16MFFOR-20MB	7259-00045	1 7/16-12	1 5/8-20
G60800-2016	20MFFOR-16MB	7259-30145	1 11/16-12	1 5/16-12
G60800-2020	20MFFOR-20MB	7259-30075	1 11/16-12	1 5/8-12

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

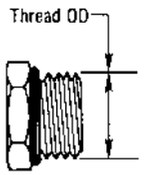
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

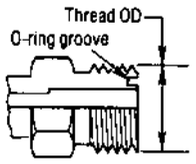
Male Flat-Face O-Ring to Male O-Ring Boss - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G60800-2024	20MFFOR-24MB	7259-09745	1 11/16-12	1 7/8-12
G60800-2420	24MFFOR-20MB	7259-09755	2-12	1 5/8-12
G60800-2424	24MFFOR-24MB	7259-00175	2-12	1 7/8-12
G60800-3232	32MFFOR-32MB	7259-00325	2 1/2-12	2 1/2-12
G60801-1616	16MFFOR-16MBL	7253-30155	1 7/16-12	1 5/16-12
G60801-2020	20MFFOR-20MBL	7253-30165	1 11/16-12	1 5/8-12

Male Flat-Face O-Ring to Male O-Ring Boss - 45°

For use up to SAE 100R2 maximum working pressure.

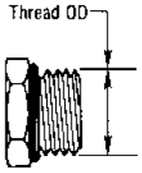


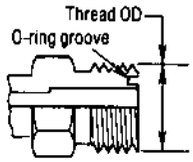


Part No.	Descr.	Prod. No.		
			"	"
G60805-0404	4MFFOR-4MB45	7259-30935	9/16-18	7/16-20
G60805-0406	4MFFOR-6MB45	7259-30305	9/16-18	9/16-18
G60805-0604	6MFFOR-4MB45	7259-30945	11/16-16	7/16-20
G60805-0606	6MFFOR-6MB45	7259-30225	11/16-16	9/16-18
G60805-0608	6MFFOR-8MB45	7259-30955	11/16-16	3/4-16
G60805-0806	8MFFOR-6MB45	7259-30965	13/16-16	9/16-18
G60805-0808	8MFFOR-8MB45	7259-30975	13/16-16	3/4-16
G60805-0810	8MFFOR-10MB45	7259-30295	13/16-16	7/8-14
G60805-0812	8MFFOR-12MB45	7259-30985	13/16-16	1 1/16-12
G60805-1008	10MFFOR-8MB45	7259-30995	1-14	3/4-16
G60805-1010	10MFFOR-10MB45	7259-31005	1-14	7/8-14
G60805-1012	10MFFOR-12MB45	7259-31015	1-14	1 1/16-12
G60805-1210	12MFFOR-10MB45	7259-31025	1 3/16-12	7/8-14
G60805-1212	12MFFOR-12MB45	7259-31035	1 3/16-12	1 1/16-12
G60805-1216	12MFFOR-16MB45	7259-31045	1 3/16-12	1 5/16-12
G60805-1612	16MFFOR-12MB45	7259-31055	1 7/16-12	1 1/16-12
G60805-1616	16MFFOR-16MB45	7259-31065	1 7/16-12	1 5/16-12
G60805-1620	16MFFOR-20MB45	7259-31075	1 7/16-12	1 5/8-12
G60805-2020	20MFFOR-20MB45	7259-31085	1 11/16-12	1 5/8-12
G60805-2424	24MFFOR-24MB45	7259-31095	2-12	1 7/8-12

Male Flat-Face O-Ring to Male O-Ring Boss - 90°

For use up to SAE 100R2 maximum working pressure.





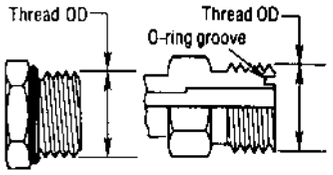
Part No.	Descr.	Prod. No.		
			"	"
G60810-0404	4MFFOR-4MB90	7259-30415	9/16-18	7/16-20
G60810-0406	4MFFOR-6MB90	7259-30735	9/16-18	9/16-18
G60810-0408	4MFFOR-8MB90	7259-30745	9/16-18	3/4-16
G60810-0604	6MFFOR-4MB90	7259-30495	11/16-16	7/16-20
G60810-0606	6MFFOR-6MB90	7259-30425	11/16-16	9/16-18
G60810-0608	6MFFOR-8MB90	7259-30755	11/16-16	3/4-16
G60810-0610	6MFFOR-10MB90	7253-30505	11/16-16	7/8-14
G60810-0612	6MFFOR-12MB90	7259-30765	11/16-16	1 1/16-12
G60810-0806	8MFFOR-6MB90	7259-66215	13/16-16	9/16-18
G60810-0808	8MFFOR-8MB90	7259-30435	13/16-16	3/4-16
G60810-0810	8MFFOR-10MB90	7259-30515	13/16-16	7/8-14
G60810-0812	8MFFOR-12MB90	7259-30525	13/16-16	1 1/16-12
G60810-1008	10MFFOR-8MB90	7259-30555	1-14	3/4-16
G60810-1010	10MFFOR-10MB90	7259-30445	1-14	7/8-14
G60810-1012	10MFFOR-12MB90	7259-30775	1-14	1 1/16-12
G60810-1208	12MFFOR-8MB90	7259-30785	1 3/16-12	3/4-16
G60810-1210	12MFFOR-10MB90	7259-30795	1 3/16-12	7/8-14
G60810-1212	12MFFOR-12MB90	7259-30455	1 3/16-12	1 1/16-12
G60810-1216	12MFFOR-16MB90	7259-30805	1 3/16-12	1 5/16-12
G60810-1612	16MFFOR-12MB90	7259-30545	1 7/16-12	1 1/16-12
G60810-1616	16MFFOR-16MB90	7259-30465	1 7/16-12	1 5/16-12
G60810-1620	16MFFOR-20MB90	7259-30815	1 7/16-12	1 5/8-12
G60810-2016	20MFFOR-16MB90	7259-30825	1 11/16-12	1 5/16-12
G60810-2020	20MFFOR-20MB90	7259-30475	1 11/16-12	1 5/8-12
G60810-2024	20MFFOR-24MB90	7259-30835	1 11/16-12	1 7/8-12
G60810-2420	24MFFOR-20MB90	7259-30845	2-12	1 5/8-12
G60810-2424	24MFFOR-24MB90	7259-30855	2-12	1 7/8-12

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Flat-Face O-Ring to Male O-Ring Boss - 90° Long Drop

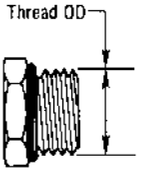
For use up to SAE 100R2 maximum working pressure.

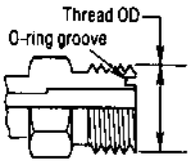


Part No.	Descr.	Prod. No.		
			"	"
G60811-0404	4MFFOR-4MB90L	7259-30875	9/16-18	7/16-20
G60811-0606	6MFFOR-6MB90L	7259-30885	11/16-16	9/16-18
G60811-1212	12MFFOR-12MB90L	7259-30915	1 3/16-12	1 1/16-12
G60811-1616	16MFFOR-16MB90L	7259-30925	1 7/16-12	1 5/16-12

Male Flat-Face O-Ring on Run to Male O-Ring Boss - Tee

For use up to SAE 100R2 maximum working pressure.

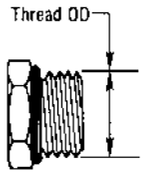


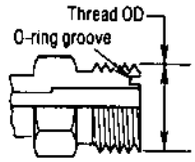


Part No.	Descr.	Prod. No.			
			"	"	"
G60820-0404	4MFFOR-4MFFOR-4MB	7259-31405	9/16-18	9/16-18	7/16-20
G60820-0606	6MFFOR-6MFFOR-6MB	7259-31515	11/16-16	11/16-16	9/16-18
G60820-0808	8MFFOR-8MFFOR-8MB	7259-31415	13/16-16	13/16-16	3/4-16
G60820-1010	10MFFOR-10MFFOR-10MB	7259-31425	1-14	1-14	7/8-14
G60820-1212	12MFFOR-12MFFOR-12MB	7259-31545	1 3/16-12	1 3/16-12	1 1/16-12
G60820-1616	16MFFOR-16MFFOR-16MB	7259-31555	1 7/16-12	1 7/16-12	1 5/16-12
G60820-2020	20MFFOR-20MFFOR-20MB	7259-31435	1 11/16-12	1 11/16-12	1 5/8-12
G60820-2424	24MFFOR-24MFFOR-24MB	7259-31445	2-12	2-12	1 7/8-12

Male Flat-Face O-Ring to Male O-Ring Boss to Male Flat-Face O-Ring - Tee

For use up to SAE 100R2 maximum working pressure.

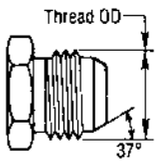


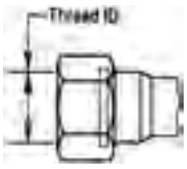


Part No.	Descr.	Prod. No.			
			"	"	"
G60821-0404	4MFFOR-4MB-4MFFOR	7259-31455	9/16-18	7/16-20	9/16-18
G60821-0606	6MFFOR-6MB-6MFFOR	7259-31605	11/16-16	9/16-18	11/16-16
G60821-0808	8MFFOR-8MB-8MFFOR	7259-31465	13/16-16	3/4-16	13/16-16
G60821-1010	10MFFOR-10MB-10MFFOR	7259-31615	1-14	7/8-14	1-14
G60821-1212	12MFFOR-12MB-12MFFOR	7259-31475	1 3/16-12	1 1/16-12	1 3/16-12
G60821-1616	16MFFOR-16MB-16MFFOR	7259-31485	1 7/16-12	1 5/16-12	1 7/16-12
G60821-2020	20MFFOR-20MB-20MFFOR	7259-31495	1 11/16-12	1 5/8-12	1 11/16-12
G60821-2424	24MFFOR-24MB-24MFFOR	7259-31505	2-12	1 7/8-12	2-12

Female Flat-Face Swivel to Male JIC 37° Flare

For use up to SAE 100R2 maximum working pressure.





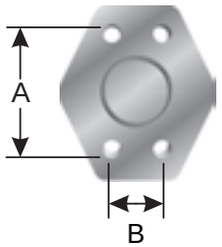
Part No.	Descr.	Prod. No.		
			"	"
G60880-0404	4FFORX-4MJ	7253-31705	9/16-18	7/16-20
G60880-0606	6FFORX-6MJ	7253-31715	11/16-16	9/16-18
G60880-0808	8FFORX-8MJ	7253-31725	13/16-16	3/4-16
G60880-1010	10FFORX-10MJ	7253-31735	1-14	7/8-14
G60880-1212	12FFORX-12MJ	7253-31745	1 3/16-12	1 1/16-12
G60880-1616	16FFORX-16MJ	7253-31755	1 7/16-12	1 1/16-13

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 61 O-Ring Flange Cap

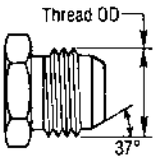
For maintenance use only. Not to be used under pressure.



Part No.	Descr.	Prod. No.	Nom. Flg. Size	A	B (In.)
G60897-0012	12FL-CAP	7253-66115	3/4	1.88	.41
G60897-0016	16FL-CAP	7253-66125	1	2.06	.41
G60897-0020	20FL-CAP	7253-66135	1 1/4	2.31	.47
G60897-0024	24FL-CAP	7253-66145	1 1/2	2.75	.53
G60897-0032	32FL-CAP	7253-66155	2	3.06	.53

Code 61 O-Ring Flange to Male JIC 37° Flare

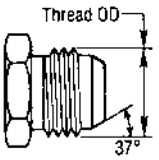
O-Ring not included. Must be ordered separately.



Part No.	Descr.	Prod. No.			N	M	F
			"	"	"	"	"
G60900-0808	8FL-8MJ	7253-86931	3/4-16	—	1/2	1.19	.27
G60900-1212	12FL-12MJ	7253-86932	1 1/16-12	—	3/4	1.50	.27
G60900-1616	16FL-16MJ	7253-86933	1 5/16-12	—	1	1.75	.32
G60900-2020	20FL-20MJ	7253-86934	1 5/8-12	—	1 1/4	2.00	.32
G60900-2424	24FL-24MJ	7253-86935	1 7/8-12	—	1 1/2	2.38	.32
G60900-3232	32FL-32MJ	7253-86936	2 1/2-12	—	2	2.81	.38

Code 61 O-Ring Flange to Male JIC 37° Flare - High Pressure

No braze joints, solid one-piece construction for increased reliability.O-Ring not included. Must be ordered separately.



Part No.	Descr.	Prod. No.			N	M	F
			"	"	"	"	"
G60901-1212	12FL5K-12MJ	7253-13015	1 1/16-12	1 1/16-12	3/4	1.50	.27
G60901-1612	16FL5K-12MJ	7253-12405	1 1/16-12	1 1/16-12	1	1.75	.32

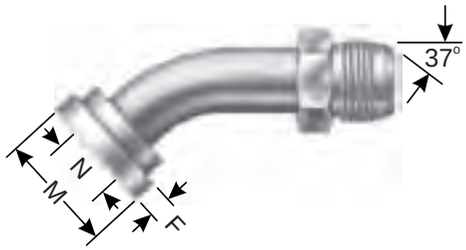
Code 61 O-Ring Flange to Male JIC 37° Flare - High Pressure - Cont'd

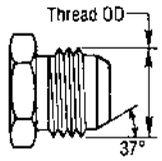
Part No.	Descr.	Prod. No.			N	M	F
			"	"	"	"	"
G60901-1616	16FL5K-16MJ	7253-13035	1 5/16-12	1 1/16-12	1	1.75	.32
G60901-1620	16FL5K-20MJ	7253-12425	1 5/8-12	1 5/16-12	1	1.75	.32
G60901-2016	20FL4K-16MJ	7253-12485	1 5/16-12	1 5/8-12	1 1/4	2.00	.32
G60901-2020	20FL4K-20MJ	7253-12475	1 5/8-12	1 7/8-12	1 1/4	2.00	.32

NOTE: FL5K maximum working pressure is 5,000 psi; FL4K maximum working pressure is 4,000 psi.

Code 61 O-Ring Flange to Male JIC 37° Flare - 45°

O-Ring not included. Must be ordered separately.

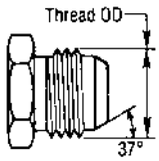




Part No.	Descr.	Prod. No.			N	M	F
			"	"	"	"	"
G60905-0808	8FL-8MJ45	7253-86937	3/4-16	2 1/2-12	1/2	1.19	.27
G60905-1212	12FL-12MJ45	7253-86938	1 1/16-12	1 1/16-12	3/4	1.50	.27
G60905-1616	16FL-16MJ45	7253-86939	1 5/16-12	1 5/16-12	1	1.75	.32
G60905-2020	20FL-20MJ45	7253-86941	1 5/8-12	1 1/16-12	1 1/4	2.00	.32
G60905-2424	24FL-24MJ45	7253-86942	1 7/8-12	1 5/16-12	1 1/2	2.38	.32
G60905-3232	32FL-32MJ45	7253-86943	2 1/2-12	1 5/8-12	2	2.81	.38

Code 61 O-Ring Flange to Male JIC 37° Flare - 45° - High Pressure

No braze joints, solid one-piece construction for increased reliability.O-Ring not included. Must be ordered separately.



Part No.	Descr.	Prod. No.			N	M	F
			"	"	"	"	"
G60906-1212	12FL5K-12MJ45	7253-13105	1 1/16-12	1 7/8-12	3/4	1.50	.27
G60906-1616	16FL5K-16MJ45	7253-13125	1 1/16-13	2 1/2-12	1	1.75	.32
G60906-2016	20FL4K-16MJ45	7253-12625	1 5/16-12	1 1/16-12	1	2.00	.37
G60906-2020	20FL4K-20MJ45	7253-12395	1 5/8-12	1 1/16-13	1 1/4	2.00	.37

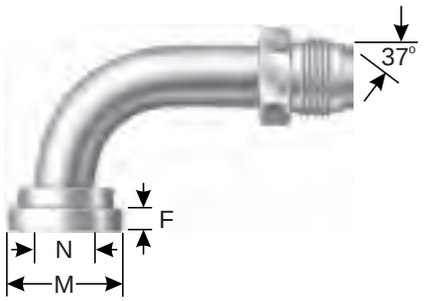
NOTE: FL5K maximum working pressure is 5,000 psi; FL4K maximum working pressure is 4,000 psi.

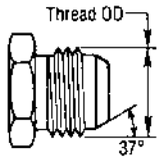
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 61 O-Ring Flange to Male JIC 37° Flare - 90°

O-Ring not included. Must be ordered separately.

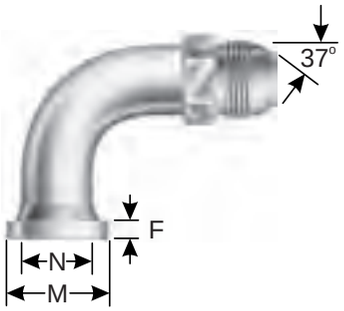


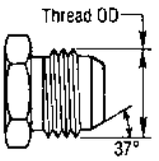


Part No.	Descr.	Prod. No.			N	M	F
			"	"	"	"	"
G60910-0808	8FL-8MJ90	7253-86944	1/2	3/4-16	1/2	1.19	.27
G60910-1212	12FL-12MJ90	7253-86945	3/4	1 1/16-12	3/4	1.50	.27
G60910-1616	16FL-16MJ90	7253-86946	1	1 5/16-12	1	1.75	.32
G60910-2020	20FL-20MJ90	7253-86947	1 1/4	1 5/8-12	1 1/4	2.00	.32
G60910-2424	24FL-24MJ90	7253-86948	1 1/2	1 7/8-12	1 1/2	2.38	.32
G60910-3232	32FL-32MJ90	7253-86949	2	2 1/2-12	2	2.81	.38

Code 61 O-Ring Flange to Male JIC 37° Flare - 90° - High Pressure

No braze joints, solid one-piece construction for increased reliability.O-Ring not included. Must be ordered separately.



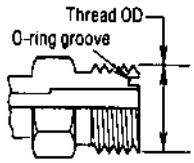


Part No.	Descr.	Prod. No.			N	M	F
			"	"	"	"	"
G60911-1212	12FL5K-12MJ90	7253-13205	1 1/16-12	1 1/16-12	3/4	1.50	.27
G60911-1612	16FL5K-12MJ90	7253-12415	1 1/16-12	1 1/16-12	1	1.75	.32
G60911-1616	16FL5K-16MJ90	7253-13225	1 5/16-12	1 5/16-12	1	1.75	.32
G60911-2016	20FL4K-16MJ90	7253-12495	1 1/4	1 5/16-12	1 1/4	2.00	.32
G60911-2020	20FL4K-20MJ90	7253-12505	1 1/4	1 5/8-12	1 1/4	2.00	.32

NOTE: FL5K maximum working pressure is 5,000 psi; FL4K maximum working pressure is 4,000 psi.

Code 61 O-Ring Flange to Male Flat-Face O-Ring - High Pressure

For use up to SAE 100R2 maximum working pressure.No braze joints, solid one-piece construction for increased reliability.O-Ring not included. Must be ordered separately.

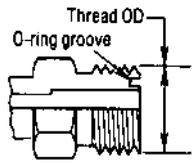


Part No.	Descr.	Prod. No.			N	M	F
			"	"	"	"	"
G60915-1212	12FL5K-12MFFOR	7253-13695	1 3/16-12	1 1/16-12	3/4	1.50	.27
G60915-1612	16FL5K-12MFFOR	7253-17155	1	1 1/16-12	1	1.75	.32
G60915-1616	16FL5K-16MFFOR	7253-13705	1 7/16-12	1 1/16-12	1	1.75	.32
G60915-2020	20FL4K-20MFFOR	7253-13715	1 1/4	1 5/8-12	1 1/4	2.00	.32

NOTE: FL5K maximum working pressure is 5,000 psi; FL4K maximum working pressure is 4,000 psi.

Code 61 O-Ring Flange to Male Flat-Face O-Ring 45° - High Pressure

No braze joints, solid one-piece construction for increased reliability.O-Ring not included. Must be ordered separately.



Part No.	Descr.	Prod. No.			N	M	F
			"	"	"	"	"
G60920-1212	12FL5K-12MFFOR45	7253-13725	1 3/16-12	1 1/16-12	3/4	1.50	.27
G60920-1616	16FL5K-16MFFOR45	7253-13735	1 7/16-12	1 1/16-12	1	1.75	.32
G60920-2020	20FL4K-20MFFOR45	7253-13745	1 1/4	1 5/8-12	1 1/4	2.00	.32

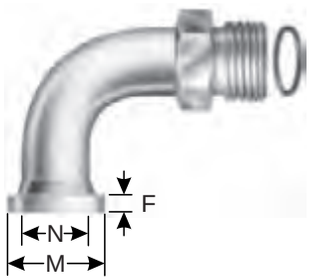
NOTE: FL5K maximum working pressure is 5,000 psi; FL4K maximum working pressure is 4,000 psi.

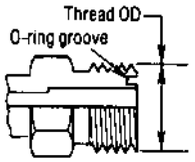
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 61 O-Ring Flange to Male Flat-Face O-Ring 90° - High Pressure

No braze joints, solid one-piece construction for increased reliability.O-Ring not included. Must be ordered separately.



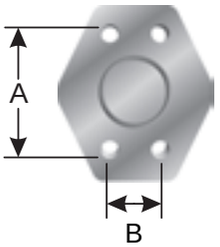


Part No.	Descr.	Prod. No.			N	M	F
			"	"	"	"	"
G60925-1212	12FL5K-12MFFOR90	7253-13755	1 3/16-12	1 1/16-12	3/4	1.50	.27
G60925-1616	16FL5K-16MFFOR90	7253-13765	1 7/16-12	1 1/16-12	1	1.50	.32
G60925-2020	20FL4K-20MFFOR90	7253-13775	1 1/4	1 5/8-12	1 1/4	2.00	.32

NOTE: FL5K maximum working pressure is 5,000 psi; FL4K maximum working pressure is 4,000 psi.

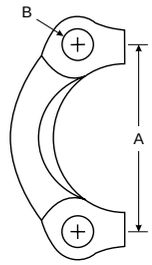
Code 62 O-Ring Flange Cap

For maintenance use only. Not to be used under pressure.



Part No.	Descr.	Prod. No.	Nom. Flg. Size	A	B (In.)
G60927-0012	12FLH-CAP	7253-66165	3/4	2.00	.41
G60927-0016	16FLH-CAP	7253-66175	1	2.25	.47
G60927-0020	20FLH-CAP	7253-66185	1 1/4	2.63	.53
G60927-0024	24FLH-CAP	7253-66195	1 1/2	3.13	.66
G60927-0032	32FLH-CAP	7253-66205	2	3.81	.78

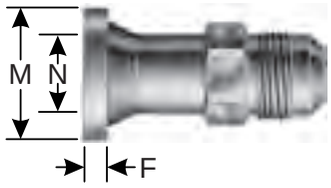
Flange Half Sets (Code 62 - SAE J518)

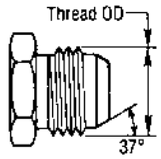


Part No.	Descr.	Prod. No.	Nom. Flg. Size	A	B (In.)
G60929-0008	8FHHS	7253-09775	1/2	1.55	.34
G60929-0012	12FHHS	7253-09785	3/4	2.00	.41
G60929-0016	16FHHS	7253-09795	1	2.25	.47
G60929-0020	20FHHS	7253-09805	1 1/4	2.63	.53
G60929-0024	24FHHS	7253-09815	1 1/2	3.13	.66
G60929-0032	32FHHS	7253-09825	2	3.81	.78

Code 62 O-Ring Flange Heavy to Male JIC 37° Flare - (6,000 psi)

No braze joints, solid one-piece construction for increased reliability.O-Ring not included. Must be ordered separately.





Part No.	Descr.	Prod. No.			N	M	F
			"	"	"	"	"
G60930-1212	12FLH6K-12MJ	7253-13305	3/4	1 1/16-12	3/4	1.63	.35
G60930-1612	16FLH6K-12MJ	7253-12445	1	1 1/16-12	1	1.88	.38
G60930-1616	16FLH6K-16MJ	7253-13325	1	1 5/16-12	1	1.88	.38
G60930-1620	16FLH6K-20MJ	7253-12465	1	1 5/8-12	1	1.88	.38
G60930-2016	20FLH6K-16MJ	7253-12515	1 1/4	1 5/16-12	1 1/4	2.13	.41
G60930-2020	20FLH6K-20MJ	7253-13345	1 1/4	1 5/8-12	1 1/4	2.13	.41
G60930-2420	24FLH6K-20MJ	7253-13375	1 1/2	1 5/8-12	1 1/2	2.50	.50
G60930-2424	24FLH6K-24MJ	7253-13365	1 1/2	1 7/8-12	1 1/2	2.50	.50

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
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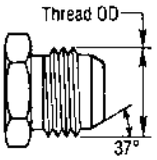
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 62 O-Ring Flange Heavy to Male JIC 37° Flare 45° - (6,000 psi)

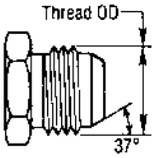
No braze joints, solid one-piece construction for increased reliability.O-Ring not included. Must be ordered separately.



Part No.	Descr.	Prod. No.			N	M	F
			"	"	"	"	"
G60935-1212	12FLH6K-12MJ45	7253-13405	3/4	1 1/16-12	3/4	1.63	.35
G60935-1616	16FLH6K-16MJ45	7253-13425	1	1 5/16-12	1	1.88	.38
G60935-2020	20FLH6K-20MJ45	7253-13445	1 1/4	1 5/8-12	1 1/4	2.13	.41

Code 62 O-Ring Flange Heavy to Male JIC 37° Flare 90° - (6,000 psi)

No braze joints, solid one-piece construction for increased reliability.O-Ring not included. Must be ordered separately.

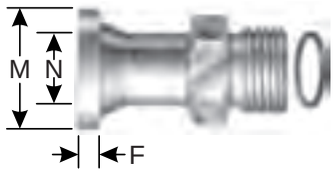


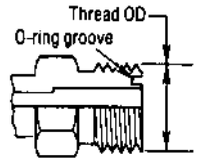
Part No.	Descr.	Prod. No.			N	M	F
			"	"	"	"	"
G60940-1212	12FLH6K-12MJ90	7253-13505	3/4	1 1/16-12	3/4	1.63	.35
G60940-1216	12FLH6K-16MJ90	7253-13515	3/4	1 5/16-12	3/4	1.63	.35
G60940-1612	16FLH6K-12MJ90	7253-12455	1	1 1/16-12	1	1.88	.38
G60940-1616	16FLH6K-16MJ90	7253-13535	1	1 5/16-12	1	1.88	.38
G60940-1620	16FLH6K-20MJ90	7253-13545	1	1 5/8-12	1	1.88	.38
G60940-2016	20FLH6K-16MJ90	7253-12525	1 1/4	1 5/16-12	1 1/4	2.13	.41
G60940-2020	20FLH6K-20MJ90	7253-13565	1 1/4	1 5/8-12	1 1/4	2.13	.41
G60940-2420	24FLH6K-20MJ90	7253-13575	1 1/2	1 5/8-12	1 1/2	2.50	.50

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 62 O-Ring Flange Heavy to Male Flat-Face O-Ring - (6,000 psi)

No braze joints, solid one-piece construction for increased reliability.O-Ring not included. Must be ordered separately.



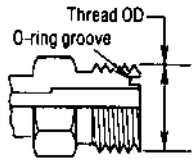


Part No.	Descr.	Prod. No.			N	M	F
			"	"	"	"	"
G60945-1212	12FLH6K-12MFFOR	7253-13605	3/4	1 3/16-12	3/4	1.63	.35
G60945-1616	16FLH6K-16MFFOR	7253-13615	1	1 7/16-12	1	1.88	.38
G60945-2020	20FLH6K-20MFFOR	7253-13625	1 1/4	1 7/16-13	1 1/4	2.13	.41

NOTE: FL4K maximum working pressure is 4,000 psi.

Code 62 O-Ring Flange Heavy to Male Flat-Face O-Ring 45° - (6,000 psi)

No braze joints, solid one-piece construction for increased reliability.O-Ring not included. Must be ordered separately.



Part No.	Descr.	Prod. No.			N	M	F
			"	"	"	"	"
G60950-1212	12FLH6K-12MFFOR45	7253-13635	3/4	1 3/16-12	3/4	1.63	.35
G60950-1616	16FLH6K-16MFFOR45	7253-13645	1	1 7/16-12	1	1.88	.38
G60950-2020	20FLH6K-20MFFOR45	7253-13655	1 1/4	1 7/16-13	1 1/4	2.13	.41

NOTE: FL4K maximum working pressure is 4,000 psi.

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
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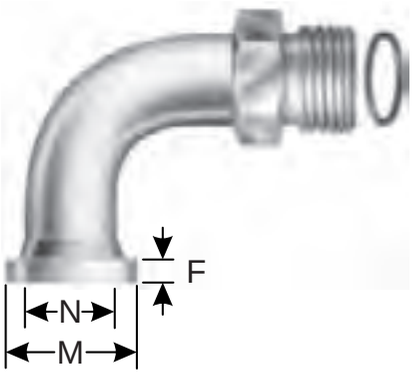
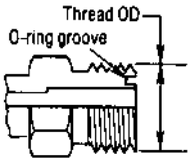
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Code 62 O-Ring Flange Heavy to Male Flat-Face O-Ring 90° - (6,000 psi)

No braze joints, solid one-piece construction for increased reliability.O-Ring not included. Must be ordered separately.

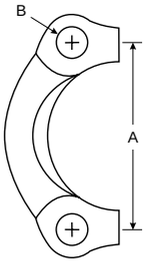




Part No.	Descr.	Prod. No.			N	M	F
			"	"	"	"	"
G60955-1212	12FLH6K-12MFFOR90	7253-13665	3/4	1 3/16-12	3/4	1.63	.35
G60955-1612	16FLH6K-12MFFOR90	7253-13465	1 1/16-12	1 7/16-14	1	1.88	.38
G60955-1616	16FLH6K-16MFFOR90	7253-13675	1	1 7/16-12	1	1.88	.38
G60955-2020	20FLH6K-20MFFOR90	7253-13685	1 1/4	1 11/16-12	1 1/4	2.13	.41

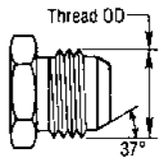
NOTE: FL4K maximum working pressure is 4,000 psi.

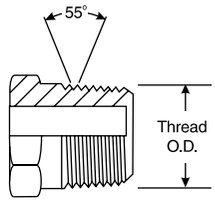
Caterpillar-Style Flange Half Sets



Part No.	Descr.	Prod. No.	Nom. Flg. Size	A	B (In.)	Std. Pack
G60959-0012	12CATFHS	7253-37025	3/4	2.00	.41	1
G60959-0016	16CATFHS	7253-37035	1	2.25	.47	1
G60959-0020	20CATFHS	7253-37045	1 1/4	2.63	.53	1
G60959-0024	24CATFHS	7253-37055	1 1/2	3.13	.66	1
G60959-0032	32CATFHS	7253-37065	2	3.81	.78	1

British Male Standard Pipe Tapered Thread to Male JIC 37° Flare





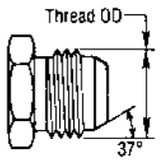
BSPT Male

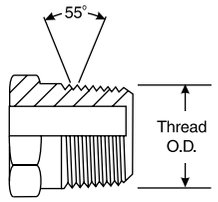
Part No.	Descr.	Prod. No.		
			"	"
G62150-0204	2MBSPT-4MJ	7253-14255	1/8-28	7/16-20
G62150-0205	2MBSPT-5MJ	7253-60005	1/8-28	1/2-20
G62150-0206	2MBSPT-6MJ	7253-60015	1/8-28	9/16-18
G62150-0404	4MBSPT-4MJ	7253-14265	1/4-19	7/16-20
G62150-0405	4MBSPT-5MJ	7253-60025	1/4-19	1/2-20
G62150-0406	4MBSPT-6MJ	7253-60035	1/4-19	9/16-18
G62150-0408	4MBSPT-8MJ	7253-60045	1/4-19	3/4-16
G62150-0604	6MBSPT-4MJ	7253-60055	3/8-19	7/16-20
G62150-0605	6MBSPT-5MJ	7253-60065	3/8-19	1/2-20
G62150-0606	6MBSPT-6MJ	7253-14275	3/8-19	9/16-18
G62150-0608	6MBSPT-8MJ	7253-60075	3/8-19	3/4-16
G62150-0610	6MBSPT-10MJ	7253-60085	3/8-19	7/8-14
G62150-0806	8MBSPT-6MJ	7253-60095	1/2-14	9/16-18
G62150-0808	8MBSPT-8MJ	7253-14285	1/2-14	3/4-16
G62150-0810	8MBSPT-10MJ	7253-14295	1/2-14	7/8-14
G62150-0812	8MBSPT-12MJ	7253-60105	1/2-14	1 1/16-12
G62150-1208	12MBSPT-8MJ	7253-60115	3/4-14	3/4-16
G62150-1210	12MBSPT-10MJ	7253-60125	3/4-14	7/8-14
G62150-1212	12MBSPT-12MJ	7253-14305	3/4-14	1 1/16-12
G62150-1214	12MBSPT-14MJ	7253-60135	3/4-14	1 3/16-12
G62150-1216	12MBSPT-16MJ	7253-60145	3/4-14	1 5/16-12
G62150-1612	16MBSPT-12MJ	7253-60155	1-11	1 1/16-12
G62150-1616	16MBSPT-16MJ	7253-14315	1-11	1 5/16-12
G62150-1620	16MBSPT-20MJ	7253-60165	1-11	1 5/8-12
G62150-2016	20MBSPT-16MJ	7253-60175	1 1/4-11	1 5/16-12
G62150-2020	20MBSPT-20MJ	7253-60185	1 1/4-11	1 5/8-12
G62150-2424	24MBSPT-24MJ	7253-60195	1 1/2-11	1 7/8-12
G62150-3232	32MBSPT-32MJ	7253-60205	2-11	2 1/2-12

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

British Male Standard Pipe Tapered Thread to Male JIC 37° Flare - 45°

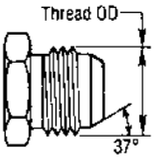


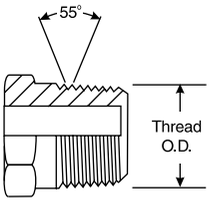


BSPT Male

Part No.	Descr.	Prod. No.		
			"	"
G62153-0204	2MBSPT-4MJ45	7253-60215	1/8-28	3/4-16
G62153-0404	4MBSPT-4MJ45	7253-60225	1/4-19	7/16-20
G62153-0406	4MBSPT-6MJ45	7253-60235	1/4-19	9/16-18
G62153-0606	6MBSPT-6MJ45	7253-60245	3/8-19	9/16-18
G62153-0608	6MBSPT-8MJ45	7253-60255	3/8-19	3/4-16
G62153-0808	8MBSPT-8MJ45	7253-60265	1/2-14	3/4-16
G62153-0810	8MBSPT-10MJ45	7253-60275	1/2-14	7/8-14
G62153-1212	12MBSPT-12MJ45	7253-60285	3/4-14	1 1/16-12
G62153-1216	12MBSPT-16MJ45	7253-60295	3/4-14	1 5/16-12
G62153-1616	16MBSPT-16MJ45	7253-60305	1-11	1 5/16-12

British Male Standard Pipe Tapered Thread to Male JIC 37° Flare - 90°

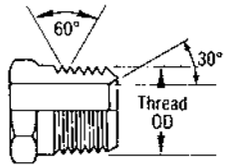


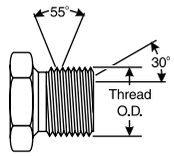


BSPT Male

Part No.	Descr.	Prod. No.		
			"	"
G62155-0204	2MBSPT-4MJ90	7253-60315	1/8-28	3/4-16
G62155-0404	4MBSPT-4MJ90	7253-60325	1/4-19	7/16-20
G62155-0405	4MBSPT-5MJ90	7253-60335	1/4-19	1/2-20
G62155-0406	4MBSPT-6MJ90	7253-60345	1/4-19	9/16-18
G62155-0606	6MBSPT-6MJ90	7253-60355	3/8-19	9/16-18
G62155-0608	6MBSPT-8MJ90	7253-60365	3/8-19	3/4-16
G62155-0806	8MBSPT-6MJ90	7253-60375	1/2-14	3/4-16
G62155-0808	8MBSPT-8MJ90	7253-60385	1/2-14	3/4-16
G62155-0810	8MBSPT-10MJ90	7253-60395	1/2-14	7/8-14
G62155-0812	8MBSPT-12MJ90	7253-60405	1/2-14	1 1/16-12
G62155-1212	12MBSPT-12MJ90	7253-60415	3/4-14	1 1/16-12
G62155-1216	12MBSPT-16MJ90	7253-60425	3/4-14	1 5/16-12
G62155-1616	16MBSPT-16MJ90	7253-60435	1-11	1 5/16-12
G62155-2020	20MBSPT-20MJ90	7253-60445	1 1/4-11	1 5/8-12
G62155-2424	24MBSPT-24MJ90	7253-60455	1 1/2-11	1 7/8-12

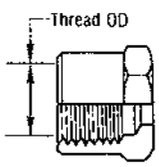
British Male Standard Pipe Parallel to Male Pipe NPTF

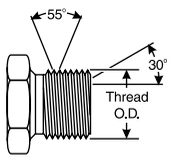




Part No.	Descr.	Prod. No.		
			"	"
G62200-0202	2MBSPP-2MP	7253-60475	1/8-28	1/8-27
G62200-0204	2MBSPP-4MP	7253-60485	1/8-28	1/4-18
G62200-0402	4MBSPP-2MP	7253-60495	1/4-19	1/8-27
G62200-0404	4MBSPP-4MP	7253-15075	1/4-19	1/4-18
G62200-0406	4MBSPP-6MP	7253-60505	1/4-19	3/8-18
G62200-0408	4MBSPP-8MP	7253-60515	1/4-19	1/2-14
G62200-0602	6MBSPP-2MP	7253-60525	3/8-19	1/8-27
G62200-0604	6MBSPP-4MP	7253-60535	3/8-19	1/4-18
G62200-0606	6MBSPP-6MP	7253-15085	3/8-19	3/8-18
G62200-0608	6MBSPP-8MP	7253-60545	3/8-19	1/2-14
G62200-0612	6MBSPP-12MP	7253-60555	3/8-19	3/4-14
G62200-0616	6MBSPP-16MP	7253-60565	3/8-19	1-11 1/2
G62200-0804	8MBSPP-4MP	7253-60575	1/2-14	1/4-18
G62200-0806	8MBSPP-6MP	7253-60585	1/2-14	3/8-18
G62200-0808	8MBSPP-8MP	7253-15095	1/2-14	1/2-14
G62200-0812	8MBSPP-12MP	7253-60595	1/2-14	3/4-14
G62200-0816	8MBSPP-16MP	7253-60605	1/2-14	1-11 1/2
G62200-1008	10MBSPP-8MP	7253-60615	5/8-14	1/2-14
G62200-1012	10MBSPP-12MP	7253-60625	5/8-14	3/4-14
G62200-1208	12MBSPP-8MP	7253-60635	3/4-14	1/2-14
G62200-1212	12MBSPP-12MP	7253-15105	3/4-14	3/4-14
G62200-1216	12MBSPP-16MP	7253-60645	3/4-14	1-11 1/2
G62200-1220	12MBSPP-20MP	7253-60655	3/4-14	1 1/4-11 1/2
G62200-1612	16MBSPP-12MP	7253-60665	1-11	3/4-14
G62200-1616	16MBSPP-16MP	7253-15115	1-11	1-11 1/2
G62200-1620	16MBSPP-20MP	7253-60675	1-11	1 1/4-11 1/2
G62200-2016	20MBSPP-16MP	7253-60685	1 1/4-11	1-11 1/2
G62200-2020	20MBSPP-20MP	7253-60695	1 1/4-11	1 1/4-11 1/2
G62200-2024	20MBSPP-24MP	7253-60705	1 1/4-11	1 1/2-11 1/2
G62200-2420	24MBSPP-20MP	7253-60715	1 1/2-11	1 1/4-11 1/2
G62200-2424	24MBSPP-24MP	7253-60725	1 1/2-11	1 1/2-11 1/2
G62200-3232	32MBSPP-32MP	7253-60735	2-11	2-11 1/2

British Male Standard Pipe Parallel to Female Pipe NPTF





Part No.	Descr.	Prod. No.		
			"	"
G62220-0202	2MBSPP-2FP	7253-60745	1/8-28	1/8-27

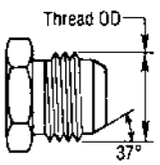
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

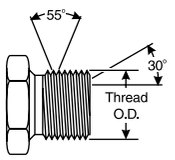
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

British Male Standard Pipe Parallel to Female Pipe NPTF - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G62220-0204	2MBSPP-4FP	7253-60755	1/8-28	1/4-18
G62220-0402	4MBSPP-2FP	7253-60765	1/4-19	1/8-27
G62220-0404	4MBSPP-4FP	7253-60775	1/4-19	1/4-18
G62220-0406	4MBSPP-6FP	7253-60785	1/4-19	3/8-18
G62220-0602	6MBSPP-2FP	7253-60795	3/8-19	1/8-27
G62220-0604	6MBSPP-4FP	7253-60805	3/8-19	1/4-18
G62220-0606	6MBSPP-6FP	7253-60815	3/8-19	3/8-18
G62220-0804	8MBSPP-4FP	7253-60825	1/2-14	1/4-18
G62220-0806	8MBSPP-6FP	7253-60835	1/2-14	3/8-18
G62220-0808	8MBSPP-8FP	7253-60845	1/2-14	1/2-14
G62220-1208	12MBSPP-8FP	7253-60855	3/4-14	1/2-14
G62220-1212	12MBSPP-12FP	7253-60865	3/4-14	3/4-14
G62220-1616	16MBSPP-16FP	7253-60875	1-11	1-11 1/2
G62220-2016	20MBSPP-16FP	7253-60885	1 1/4-11	1-11 1/2
G62220-2020	20MBSPP-20FP	7253-60895	1 1/4-11	1 1/4-11 1/2
G62220-2420	24MBSPP-20FP	7253-60905	1 1/2-11	1 1/4-11 1/2
G62220-2424	24MBSPP-24FP	7253-60915	1 1/2-11	1 1/2-11 1/2
G62220-3232	32MBSPP-32FP	7253-60925	2-11	2-11 1/2

British Male Standard Pipe Parallel to Male JIC 37° Flare



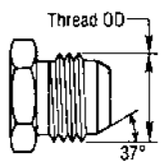


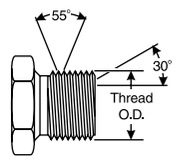
Part No.	Descr.	Prod. No.		
			"	"
G62300-0204	2MBSPP-4MJ	7253-60935	1/8-28	7/16-20
G62300-0205	2MBSPP-5MJ	7253-60945	1/8-28	1/2-20
G62300-0206	2MBSPP-6MJ	7253-60955	1/8-28	9/16-18
G62300-0404	4MBSPP-4MJ	7253-15015	1/4-19	7/16-20
G62300-0405	4MBSPP-5MJ	7253-60965	1/4-19	1/2-20
G62300-0406	4MBSPP-6MJ	7253-60975	1/4-19	9/16-18
G62300-0408	4MBSPP-8MJ	7253-60985	1/4-19	3/4-16
G62300-0604	6MBSPP-4MJ	7253-60995	3/8-19	7/16-20
G62300-0605	6MBSPP-5MJ	7253-61005	3/8-19	1/2-20
G62300-0606	6MBSPP-6MJ	7253-15025	3/8-19	9/16-18
G62300-0608	6MBSPP-8MJ	7253-61015	3/8-19	3/4-16
G62300-0806	8MBSPP-6MJ	7253-61025	1/2-14	9/16-18
G62300-0808	8MBSPP-8MJ	7253-15035	1/2-14	3/4-16
G62300-0810	8MBSPP-10MJ	7253-61035	1/2-14	7/8-14
G62300-0812	8MBSPP-12MJ	7253-61045	1/2-14	1 1/16-12
G62300-1008	10MBSPP-8MJ	7253-61055	5/8-14	3/4-16
G62300-1010	10MBSPP-10MJ	7253-15045	5/8-14	7/8-14
G62300-1012	10MBSPP-12MJ	7253-61065	5/8-14	1 1/16-12
G62300-1208	12MBSPP-8MJ	7253-61075	3/4-14	3/4-16
G62300-1210	12MBSPP-10MJ	7253-61085	3/4-14	7/8-14
G62300-1212	12MBSPP-12MJ	7253-15055	3/4-14	1 1/16-12

British Male Standard Pipe Parallel to Male JIC 37° Flare - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G62300-1214	12MBSPP-14MJ	7253-61095	3/4-14	1 3/16-12
G62300-1216	12MBSPP-16MJ	7253-61105	3/4-14	1 5/16-12
G62300-1612	16MBSPP-12MJ	7253-61115	1-11	1 1/16-12
G62300-1614	16MBSPP-14MJ	7253-61125	1-11	1 3/16-12
G62300-1616	16MBSPP-16MJ	7253-15065	1-11	1 5/16-12
G62300-1620	16MBSPP-20MJ	7253-61135	1-11	1 5/8-12
G62300-2016	20MBSPP-16MJ	7253-61145	1 1/4-11	1 5/16-12
G62300-2020	20MBSPP-20MJ	7253-61155	1 1/4-11	1 5/8-12
G62300-2024	20MBSPP-24MJ	7253-61165	1 1/4-11	1 7/8-12
G62300-2420	24MBSPP-20MJ	7253-61175	1 1/2-11	1 5/8-12
G62300-2424	24MBSPP-24MJ	7253-61185	1 1/2-11	1 7/8-12
G62300-3232	32MBSPP-32MJ	7253-61195	2-11	2 1/2-12

British Male Standard Pipe Parallel to Male JIC 37° Flare - 45°



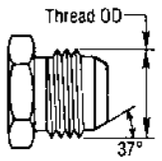


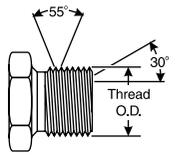
Part No.	Descr.	Prod. No.		
			"	"
G62305-0204	2MBSPP-4MJ45	7253-61205	1/8-28	7/16-20
G62305-0404	4MBSPP-4MJ45	7253-61215	1/4-19	7/16-20
G62305-0406	4MBSPP-6MJ45	7253-61225	1/4-19	9/16-18
G62305-0606	6MBSPP-6MJ45	7253-61235	3/8-19	9/16-18
G62305-0608	6MBSPP-8MJ45	7253-61245	3/8-19	3/4-16
G62305-0808	8MBSPP-8MJ45	7253-61255	1/2-14	3/4-16
G62305-0810	8MBSPP-10MJ45	7253-61265	1/2-14	7/8-14
G62305-0812	8MBSPP-12MJ45	7253-61275	1/2-14	1 1/16-12
G62305-1212	12MBSPP-12MJ45	7253-61285	3/4-14	1 1/16-12
G62305-1616	16MBSPP-16MJ45	7253-61295	1-11	1 5/16-12

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

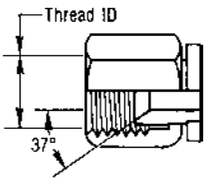
British Male Standard Pipe Parallel to Male JIC 37° Flare - 90°

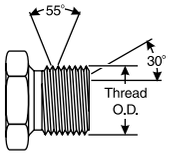




Part No.	Descr.	Prod. No.		
			"	"
G62310-0204	2MBSPP-4MJ90	7253-61305	1/8-28	7/16-20
G62310-0404	4MBSPP-4MJ90	7253-61315	1/4-19	7/16-20
G62310-0405	4MBSPP-5MJ90	7253-61325	1/4-19	1/2-20
G62310-0406	4MBSPP-6MJ90	7253-61335	1/4-19	9/16-18
G62310-0408	4MBSPP-8MJ90	7253-61345	1/4-19	3/4-16
G62310-0604	6MBSPP-4MJ90	7253-61355	3/8-19	7/16-20
G62310-0605	6MBSPP-5MJ90	7253-61365	3/8-19	1/2-20
G62310-0608	6MBSPP-8MJ90	7253-61385	3/8-19	3/4-16
G62310-0806	8MBSPP-6MJ90	7253-61395	1/2-14	9/16-18
G62310-0810	8MBSPP-10MJ90	7253-61415	1/2-14	7/8-14
G62310-0812	8MBSPP-12MJ90	7253-61425	1/2-14	1 1/16-12
G62310-1208	12MBSPP-8MJ90	7253-61435	3/4-14	3/4-16
G62310-1210	12MBSPP-10MJ90	7253-61445	3/4-14	7/8-14
G62310-1216	12MBSPP-16MJ90	7253-61465	3/4-14	1 5/16-12
G62310-1612	16MBSPP-12MJ90	7253-61475	1-11	1 1/16-12
G62310-1616	16MBSPP-16MJ90	7253-61485	1-11	1 5/16-12
G62310-1620	16MBSPP-20MJ90	7253-61495	1-11	1 5/8-12
G62310-2016	20MBSPP-16MJ90	7253-61505	1 1/2-11	1 5/16-12
G62310-2020	20MBSPP-20MJ90	7253-61515	1 1/2-11	1 5/8-12
G62310-2424	24MBSPP-24MJ90	7253-61525	1 1/2-11	1 7/8-12

British Male Standard Pipe Parallel to Female JIC 37° Flare Swivel



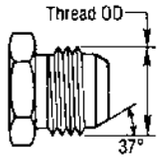


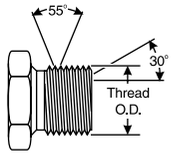
Part No.	Descr.	Prod. No.		
			"	"
G62320-0204	2MBSPP-4FJX	7253-61535	1/8-28	7/16-20
G62320-0404	4MBSPP-4FJX	7253-15125	1/4-19	7/16-20
G62320-0405	4MBSPP-5FJX	7253-61545	1/4-19	1/2-20

British Male Standard Pipe Parallel to Female JIC 37° Flare Swivel - Cont'd

Part No.	Descr.	Prod. No.	"	"
G62320-0406	4MBSPP-6FJX	7253-61555	1/4-19	9/16-18
G62320-0604	6MBSPP-4FJX	7253-61565	3/8-19	7/16-20
G62320-0606	6MBSPP-6FJX	7253-15135	3/8-19	9/16-18
G62320-0608	6MBSPP-8FJX	7253-61575	3/8-19	3/4-16
G62320-0804	8MBSPP-4FJX	7253-61585	1/2-14	7/16-20
G62320-0806	8MBSPP-6FJX	7253-61595	1/2-14	9/16-18
G62320-0808	8MBSPP-8FJX	7253-15145	1/2-14	3/4-16
G62320-0810	8MBSPP-10FJX	7253-61605	1/2-14	7/8-14
G62320-0812	8MBSPP-12FJX	7253-61615	1/2-14	1 1/16-12
G62320-1008	10MBSPP-8FJX	7253-61625	5/8-14	3/4-16
G62320-1010	10MBSPP-10FJX	7253-15155	5/8-14	7/8-14
G62320-1208	12MBSPP-8FJX	7253-61635	3/4-14	3/4-16
G62320-1212	12MBSPP-12FJX	7253-15165	3/4-14	1 1/16-12
G62320-1216	12MBSPP-16FJX	7253-61645	3/4-14	1 5/16-12
G62320-1616	16MBSPP-16FJX	7253-15175	1-11	1 5/16-12
G62320-1620	16MBSPP-20FJX	7253-61655	1-11	1 5/8-12
G62320-2016	20MBSPP-16FJX	7253-61665	1 1/4-11	1 5/16-12
G62320-2020	20MBSPP-20FJX	7253-61675	1 1/4-11	1 5/8-12
G62320-2424	24MBSPP-24FJX	7253-61685	1 1/2-11	1 7/8-12
G62320-3232	32MBSPP-32FJX	7253-61695	2-11	2 1/2-12

British Male Standard Pipe Parallel with O-Ring to Male JIC 37° Flare





Part No.	Descr.	Prod. No.	"	"
G62450-0204	2MBSPPOR-4MJ	7253-14005	1/8-28	7/16-20
G62450-0404	4MBSPPOR-4MJ	7253-14015	1/4-19	7/16-20
G62450-0405	4MBSPPOR-5MJ	7253-61705	1/4-19	1/2-20
G62450-0406	4MBSPPOR-6MJ	7253-14025	1/4-19	9/16-18
G62450-0604	6MBSPPOR-4MJ	7253-14035	3/8-19	7/16-20
G62450-0605	6MBSPPOR-5MJ	7253-61715	3/8-19	1/2-20
G62450-0606	6MBSPPOR-6MJ	7253-14045	3/8-19	9/16-18
G62450-0608	6MBSPPOR-8MJ	7253-14055	3/8-19	3/4-16
G62450-0806	8MBSPPOR-6MJ	7253-14075	1/2-14	9/16-18
G62450-0808	8MBSPPOR-8MJ	7253-14085	1/2-14	3/4-16
G62450-0810	8MBSPPOR-10MJ	7253-61725	1/2-14	7/8-14
G62450-0812	8MBSPPOR-12MJ	7253-14605	1/2-14	1 1/16-12
G62450-1208	12MBSPPOR-8MJ	7253-61735	3/4-14	3/4-16
G62450-1210	12MBSPPOR-10MJ	7253-61745	3/4-14	7/8-14
G62450-1212	12MBSPPOR-12MJ	7253-14095	3/4-14	1 1/16-12
G62450-1216	12MBSPPOR-16MJ	7253-61755	3/4-14	1 5/16-12
G62450-1612	16MBSPPOR-12MJ	7253-61765	1-11	1 1/16-12

EQUIPMENT
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STAINLESS STEEL
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STAINLESS STEEL BRAID
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SURELOK
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AIR BRAKE HOSE ASSEMBLIES
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POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
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PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
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AIR BRAKE FOR RUBBER HOSE
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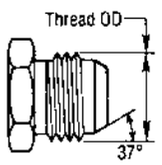
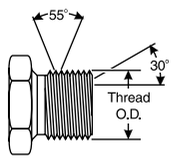
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

British Male Standard Pipe Parallel with O-Ring to Male JIC 37° Flare - Cont'd

Part No.	Descr.	Prod. No.	"	"
G62450-1616	16MBSPPOR-16MJ	7253-14105	1-11	1 5/16-12
G62450-2020	20MBSPPOR-20MJ	7253-14115	1 1/4-11	1 5/8-12
G62450-2024	20MBSPPOR-24MJ	7253-61775	1 1/2-11	1 7/8-12
G62450-2424	24MBSPPOR-24MJ	7253-61785	1 1/2-11	1 7/8-12

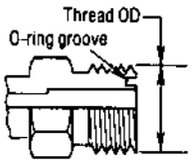
British Male Standard Pipe Parallel with O-Ring to Male JIC 37° Flare - 90°

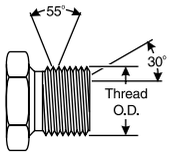




Part No.	Descr.	Prod. No.	"	"
G62460-0606	6MBSPPOR-6MJ90	7253-14505	3/8-19	9/16-18
G62460-0808	8MBSPPOR-8MJ90	7253-14515	1/2-14	3/4-16
G62460-1212	12MBSPPOR-12MJ90	7253-14525	3/4-14	1 1/2-12

British Male Standard Pipe Parallel with O-Ring to Male Flat-Face O-Ring



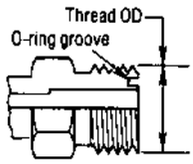


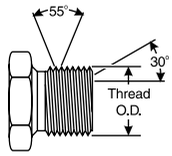
Part No.	Descr.	Prod. No.	"	"
G62470-0204	2MBSPPOR-4MFFOR	7253-61795	1/8-28	1/4-18
G62470-0404	4MBSPPOR-4MFFOR	7253-61805	1/4-19	1/4-18
G62470-0406	4MBSPPOR-6MFFOR	7253-61815	1/4-19	3/8-16
G62470-0606	6MBSPPOR-6MFFOR	7253-61825	3/8-19	3/8-16
G62470-0608	6MBSPPOR-8MFFOR	7253-61835	3/8-19	1/2-16
G62470-0806	8MBSPPOR-6MFFOR	7253-61845	1/2-14	3/8-16
G62470-0808	8MBSPPOR-8MFFOR	7253-61855	1/2-14	1/2-16
G62470-0810	8MBSPPOR-10MFFOR	7253-61865	1/2-14	5/8-14
G62470-1212	12MBSPPOR-12MFFOR	7253-61875	3/4-14	3/4-12

British Male Standard Pipe Parallel with O-Ring to Male Flat-Face O-Ring - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G62470-1216	12MBSPPOR-16MFFOR	7253-61885	3/4-14	1-12
G62470-1612	16MBSPPOR-12MFFOR	7253-61895	1-11	3/4-12
G62470-1616	16MBSPPOR-16MFFOR	7253-61905	1-11	1-12
G62470-2020	20MBSPPOR-20MFFOR	7253-61915	1 1/4-11	1 1/4-12
G62470-2424	24MBSPPOR-24MFFOR	7253-61925	1 1/2-11	1 1/2-12

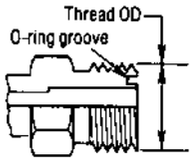
British Male Standard Pipe Parallel with O-Ring to Male Flat-Face O-Ring - Long

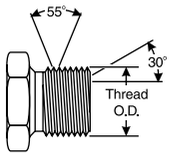




Part No.	Descr.	Prod. No.		
			"	"
G62471-0608	6MBSPPOR-8MFFORL	7253-61935	3/8-19	1/2-16
G62471-0808	8MBSPPOR-8MFFORL	7253-61945	1/2-14	1/2-16
G62471-0810	8MBSPPOR-10MFFORL	7253-61955	1/2-14	5/8-14
G62471-1210	12MBSPPOR-10MFFORL	7253-61965	3/4-14	5/8-14
G62471-1212	12MBSPPOR-12MFFORL	7253-61975	3/4-14	3/4-12
G62471-1616	16MBSPPOR-16MFFORL	7253-61985	1-11	1-12
G62471-2020	20MBSPPOR-20MFFORL	7253-61995	1 1/4-11	1 1/4-12

British Male Standard Pipe Parallel with O-Ring to Male Flat-Face O-Ring - 45°





Part No.	Descr.	Prod. No.		
			"	"
G62473-0204	2MBSPPOR-4MFFOR45	7253-62005	1/8-28	1/4-18
G62473-0404	4MBSPPOR-4MFFOR45	7253-62015	1/4-19	1/4-18
G62473-0406	4MBSPPOR-6MFFOR45	7253-62025	1/4-19	3/8-16
G62473-0606	6MBSPPOR-6MFFOR45	7253-62035	3/8-19	3/8-16
G62473-0608	6MBSPPOR-8MFFOR45	7253-62045	3/8-19	1/2-16
G62473-0808	8MBSPPOR-8MFFOR45	7253-62055	1/2-14	1/2-16
G62473-0810	8MBSPPOR-10MFFOR45	7253-62065	1/2-14	5/8-14

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
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AIR BRAKE FOR RUBBER HOSE
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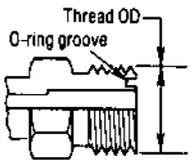
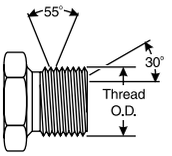
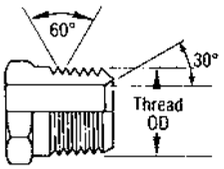
British Male Standard Pipe Parallel with O-Ring to Male Flat-Face O-Ring - 90°





Part No.	Descr.	Prod. No.		
			"	"
G62475-0204	2MBSPPOR-4MFFOR90	7253-62075	1/8-28	1/4-18
G62475-0404	4MBSPPOR-4MFFOR90	7253-62085	1/4-19	1/4-18
G62475-0406	4MBSPPOR-6MFFOR90	7253-62095	1/4-19	3/8-16
G62475-0408	4MBSPPOR-8MFFOR90	7253-62105	1/4-19	1/2-16
G62475-0606	6MBSPPOR-6MFFOR90	7253-62115	3/8-19	3/8-16
G62475-0608	6MBSPPOR-8MFFOR90	7253-62125	3/8-19	1/2-16
G62475-0806	8MBSPPOR-6MFFOR90	7253-62135	1/2-14	3/8-16
G62475-0808	8MBSPPOR-8MFFOR90	7253-62145	1/2-14	1/2-16
G62475-0810	8MBSPPOR-10MFFOR90	7253-62155	1/2-14	5/8-14
G62475-0812	8MBSPPOR-12MFFOR90	7253-62165	1/2-14	3/4-12
G62475-1212	12MBSPPOR-12MFFOR90	7253-62175	3/4-14	3/4-12
G62475-1216	12MBSPPOR-16MFFOR90	7253-62185	3/4-14	1-12
G62475-1612	16MBSPPOR-12MFFOR90	7253-62195	1-11	3/4-12
G62475-1616	16MBSPPOR-16MFFOR90	7253-62205	1-11	1-12
G62475-2016	20MBSPPOR-16MFFOR90	7253-62215	1 1/4-11	1-12
G62475-2020	20MBSPPOR-20MFFOR90	7253-62225	1 1/4-11	1 1/4-12
G62475-2424	24MBSPPOR-24MFFOR90	7253-62235	1 1/2-11	1 1/2-12

Female British Standard Pipe Parallel to Male Pipe NPTF

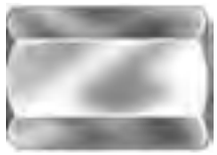


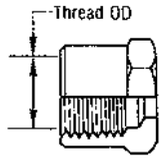
Part No.	Descr.	Prod. No.		
			"	"
G62500-0202	2FBSPP-2MP	7253-62245	1/8-28	1/8-27
G62500-0204	2FBSPP-4MP	7253-62255	1/8-28	1/4-18
G62500-0404	4FBSPP-4MP	7253-62265	1/4-19	1/4-18
G62500-0406	4FBSPP-6MP	7253-62275	1/4-19	3/8-18
G62500-0408	4FBSPP-8MP	7253-62285	1/4-19	1/2-14
G62500-0606	6FBSPP-6MP	7253-62295	3/8-19	3/8-18
G62500-0608	6FBSPP-8MP	7253-62305	3/8-19	1/2-14
G62500-0808	8FBSPP-8MP	7253-62315	1/2-14	1/2-14
G62500-0812	8FBSPP-12MP	7253-62325	1/2-14	3/4-14
G62500-1212	12FBSPP-12MP	7253-62335	3/4-14	3/4-14
G62500-1216	12FBSPP-16MP	7253-62345	3/4-14	1-11 1/2
G62500-1616	16FBSPP-16MP	7253-62355	1-11	1-11 1/2

Female British Standard Pipe Parallel to Male Pipe NPTF - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G62500-2020	20FBSPP-20MP	7253-62365	1 1/4-11	1 1/4-11 1/2
G62500-2024	20FBSPP-24MP	7253-62375	1 1/4-11	1 1/4-11 1/2
G62500-2424	24FBSPP-24MP	7253-62385	1 1/2-11	1 1/2-11 1/2
G62500-3232	32FBSPP-32MP	7253-62395	2-11	2-11 1/2

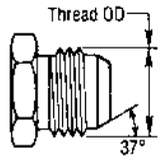
Female British Standard Pipe Parallel to Female Pipe NPTF





Part No.	Descr.	Prod. No.		
			"	"
G62520-0404	4FBSPP-4FP	7253-65525	1/4-19	1/4-18
G62520-0606	6FBSPP-6FP	7253-65535	3/8-19	3/8-18
G62520-0808	8FBSPP-8FP	7253-65545	1/2-14	1/2-14
G62520-1212	12FBSPP-12FP	7253-65555	3/4-14	3/4-14
G62520-1616	16FBSPP-16FP	7253-65565	1-11	1-11 1/2
G62520-2020	20FBSPP-20FP	7253-65575	1 1/4-11	1 1/4-11 1/2

Female British Standard Pipe Parallel to Male JIC 37° Flare

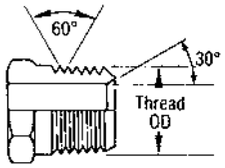


Part No.	Descr.	Prod. No.		
			"	"
G62550-0204	2FBSPP-4MJ	7253-14155	1/8-28	7/16-20
G62550-0404	4FBSPP-4MJ	7253-14225	1/4-19	7/16-20
G62550-0406	4FBSPP-6MJ	7253-14165	1/4-19	9/16-18
G62550-0606	6FBSPP-6MJ	7253-14175	3/8-19	9/16-18
G62550-0808	8FBSPP-8MJ	7253-14185	1/2-14	3/4-16
G62550-1212	12FBSPP-12MJ	7253-14195	3/4-14	1 1/16-12
G62550-1616	16FBSPP-16MJ	7253-14205	1-11	1 5/16-12
G62550-2020	20FBSPP-20MJ	7253-14215	1 1/4-11	1 5/8-12
G62550-2424	24FBSPP-24MJ	7253-62415	1 1/2-11	1 7/8-12

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

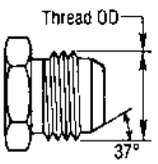
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female British Standard Pipe Parallel Swivel to Male Pipe NPTF - 90°



Part No.	Descr.	Prod. No.		
			"	"
G62605-0202	2FBSPPX-2MP90	7253-62425	1/8-28	1/8-27
G62605-0404	4FBSPPX-4MP90	7253-62435	1/4-19	1/4-18
G62605-0606	6FBSPPX-6MP90	7253-62445	3/8-19	3/8-18
G62605-0808	8FBSPPX-8MP90	7253-62455	1/2-14	1/2-14
G62605-1212	12FBSPPX-12MP90	7253-62465	3/4-14	3/4-14
G62605-1616	16FBSPPX-16MP90	7253-62475	1-11	1-11 1/2
G62605-2020	20FBSPPX-20MP90	7253-62485	1 1/4-11	1 1/4-11 1/2
G62605-2424	24FBSPPX-24MP90	7253-62495	1 1/2-11	1 1/4-11 1/2

Female British Standard Pipe Parallel Swivel to Male JIC 37° Flare

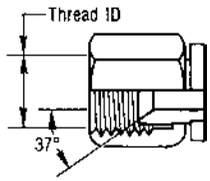


Part No.	Descr.	Prod. No.		
			"	"
G62650-0204	2FBSPPX-4MJ	7253-62545	1/8-28	7/16-20
G62650-0404	4FBSPPX-4MJ	7253-15245	1/4-19	7/16-20
G62650-0405	4FBSPPX-5MJ	7253-62555	1/4-19	1/2-20
G62650-0406	4FBSPPX-6MJ	7253-62565	1/4-19	9/16-18
G62650-0604	6FBSPPX-4MJ	7253-62575	3/8-19	7/16-20
G62650-0605	6FBSPPX-5MJ	7253-62585	3/8-19	1/2-20
G62650-0606	6FBSPPX-6MJ	7253-15255	3/8-19	9/16-18
G62650-0608	6FBSPPX-8MJ	7253-62595	3/8-19	3/4-16
G62650-0610	6FBSPPX-10MJ	7253-62605	3/8-19	7/8-14
G62650-0806	8FBSPPX-6MJ	7253-62615	1/2-14	9/16-18
G62650-0808	8FBSPPX-8MJ	7253-15265	1/2-14	3/4-16
G62650-0810	8FBSPPX-10MJ	7253-62625	1/2-14	7/8-14
G62650-1008	10FBSPPX-8MJ	7253-62635	5/8-14	3/4-16
G62650-1010	10FBSPPX-10MJ	7253-15275	5/8-14	7/8-14
G62650-1208	12FBSPPX-8MJ	7253-62645	3/4-14	3/4-16
G62650-1210	12FBSPPX-10MJ	7253-62655	3/4-14	7/8-14
G62650-1212	12FBSPPX-12MJ	7253-15285	3/4-14	1 1/16-12
G62650-1216	12FBSPPX-16MJ	7253-62665	3/4-14	1 5/16-12

Female British Standard Pipe Parallel Swivel to Male JIC 37° Flare - Cont'd

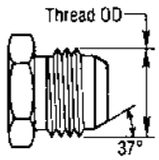
Part No.	Descr.	Prod. No.		
			"	"
G62650-1612	16FBSPPX-12MJ	7253-62675	1-11	1 1/16-12
G62650-1616	16FBSPPX-16MJ	7253-15295	1-11	1 5/16-12
G62650-2020	20FBSPPX-20MJ	7253-62685	1 1/4-11	1 5/8-12
G62650-2424	24FBSPPX-24MJ	7253-62695	1 1/2-11	1 7/8-12

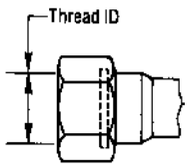
Female British Standard Pipe Parallel Swivel to Female JIC 37° Flare Swivel



Part No.	Descr.	Prod. No.		
			"	"
G62660-0404	4FBSPPX-4FJX	7253-15305	1/4-19	7/16-20
G62660-0406	4FBSPPX-6FJX	7253-62505	1/4-19	9/16-18
G62660-0606	6FBSPPX-6FJX	7253-15315	3/8-19	9/16-18
G62660-0608	6FBSPPX-8FJX	7253-62515	3/8-19	3/4-16
G62660-0806	8FBSPPX-6FJX	7253-62525	1/2-14	9/16-18
G62660-0808	8FBSPPX-8FJX	7253-15325	1/2-14	3/4-16
G62660-1010	10FBSPPX-10FJX	7253-15335	5/8-14	7/8-14
G62660-1212	12FBSPPX-12FJX	7253-15345	3/4-14	1 1/16-12
G62660-1616	16FBSPPX-16FJX	7253-15355	1-11	1 5/16-12
G62660-2020	20FBSPPX-20FJX	7253-62535	1 1/4-11	1 5/8-12

Female British Flat-Face O-Ring to Male JIC 37° Flare





Part No.	Descr.	Prod. No.		
			"	"
G62801-0606	6FBFFOR-6MJ	7253-62705	3/8-19	9/16-18
G62801-0806	8FBFFOR-6MJ	7253-62715	1/2-14	9/16-18
G62801-0808	8FBFFOR-8MJ	7253-62725	1/2-14	3/4-16
G62801-0810	8FBFFOR-10MJ	7253-62735	1/2-14	7/8-14
G62801-1008	10FBFFOR-8MJ	7253-62745	5/8-14	3/4-16
G62801-1208	12FBFFOR-8MJ	7253-62755	3/4-14	3/4-16
G62801-1210	12FBFFOR-10MJ	7253-62765	3/4-14	7/8-14
G62801-1212	12FBFFOR-12MJ	7253-62775	3/4-14	1 1/16-12

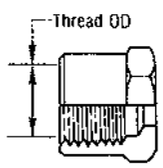
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

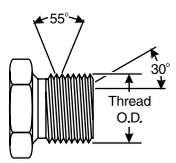
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Metric O-Ring Plug

Part No.	Descr.	Prod. No.	
G63099-0012	12MMOR-PLUG	7253-65415	M12X1.5
G63099-0014	14MMOR-PLUG	7253-65425	M14X1.5
G63099-0016	16MMOR-PLUG	7253-65435	M16X1.5
G63099-0018	18MMOR-PLUG	7253-65445	M18X1.5
G63099-0020	20MMOR-PLUG	7253-65455	M20X1.5
G63099-0022	22MMOR-PLUG	7253-65465	M22X1.5
G63099-0024	24MMOR-PLUG	7253-65475	M24X1.5
G63099-0026	26MMOR-PLUG	7253-65485	M26X1.5
G63099-0030	30MMOR-PLUG	7253-65495	M30X2.0
G63099-0036	36MMOR-PLUG	7253-65505	M36X2.0
G63099-0042	42MMOR-PLUG	7253-65515	M42X2.0

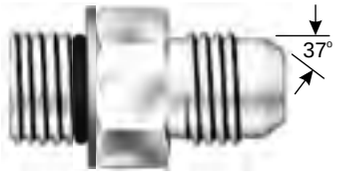
Male Metric with O-Ring to Female Pipe NPTF

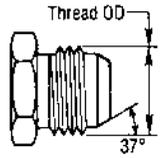




Part No.	Descr.	Prod. No.		
			"	"
G63120-1002	10MM-2FP	7253-62785	M10X1.5	1/8-27
G63120-1202	12MM-2FP	7253-62795	M12X1.5	1/8-27
G63120-1204	12MM-4FP	7253-62805	M12X1.5	1/4-18
G63120-1206	12MM-6FP	7253-62815	M12X1.5	3/8-18
G63120-1404	14MM-4FP	7253-62825	M14X1.5	1/4-18
G63120-1606	16MM-6FP	7253-62835	M16X1.5	3/8-18
G63120-1608	16MM-8FP	7253-62845	M16X1.5	1/2-14
G63120-1806	18MM-6FP	7253-62855	M18X1.5	3/8-18
G63120-1808	18MM-8FP	7253-62865	M18X1.5	1/2-14
G63120-2004	20MM-4FP	7253-62875	M20X1.5	1/4-18
G63120-2006	20MM-6FP	7253-62885	M20X1.5	3/8-18
G63120-2008	20MM-8FP	7253-62895	M20X1.5	1/2-14
G63120-2206	22MM-6FP	7253-62905	M22X1.5	3/8-18
G63120-2208	22MM-8FP	7253-62915	M22X1.5	1/2-14
G63120-2212	22MM-12FP	7253-62925	M22X1.5	3/4-14
G63120-2412	24MM-12FP	7253-62935	M24X1.5	3/4-14
G63120-2612	26MM-12FP	7253-62945	M26X1.5	3/4-14
G63120-2712	27MM-12FP	7253-62955	M27X2.0	3/4-14
G63120-3316	33MM-16FP	7253-62965	M33X2.0	1-11 1/2

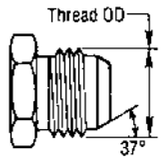
Male Metric with O-Ring to Male JIC 37° Flare

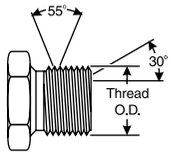




Part No.	Descr.	Prod. No.		
			"	"
G63150-1004	10MM-4MJ	7253-14355	M10X1.0	7/16-20
G63150-1204	12MM-4MJ	7253-14365	M12X1.5	7/16-20
G63150-1205	12MM-5MJ	7253-62975	M12X1.5	1/2-20
G63150-1206	12MM-6MJ	7253-62985	M12X1.5	9/16-18
G63150-1404	14MM-4MJ	7253-62995	M14X1.5	7/16-20
G63150-1406	14MM-6MJ	7253-14375	M14X1.5	9/16-18
G63150-1408	14MM-8MJ	7253-63005	M14X1.5	3/4-16
G63150-1605	16MM-5MJ	7253-63015	M16X1.5	1/2-20
G63150-1606	16MM-6MJ	7253-14385	M16X1.5	9/16-18
G63150-1608	16MM-8MJ	7253-14395	M16X1.5	3/4-16
G63150-1808	18MM-8MJ	7253-14405	M18X1.5	3/4-16
G63150-1810	18MM-10MJ	7253-14415	M18X1.5	7/8-14
G63150-2010	20MM-10MJ	7253-14425	M20X1.5	7/8-14
G63150-2208	22MM-8MJ	7253-63025	M22X1.5	3/4-16
G63150-2210	22MM-10MJ	7253-14435	M22X1.5	7/8-14
G63150-2212	22MM-12MJ	7253-14445	M22X1.5	1 1/16-12
G63150-2612	26MM-12MJ	7253-63035	M26X1.5	1 1/16-12
G63150-2712	27MM-12MJ	7253-14455	M27X2.0	1 1/16-12
G63150-2716	27MM-16MJ	7253-63045	M27X2.0	1 5/16-12
G63150-3316	33MM-16MJ	7253-14465	M33X2.0	1 5/16-12
G63150-3320	33MM-20MJ	7253-63055	M33X1.5	1 5/8-12
G63150-4220	42MM-20MJ	7253-14475	M42X2.0	1 5/8-12
G63150-4824	48MM-24MJ	7253-63065	M48X2.0	1 7/8-12

Male Metric with O-Ring to Male JIC 37° Flare - 90°





Part No.	Descr.	Prod. No.		
			"	"
G63160-1004	10MM-4MJ90	7253-65585	M10X1.0	7/16-20
G63160-1204	12MM-4MJ90	7253-65595	M12X1.5	7/16-20
G63160-1205	12MM-5MJ90	7253-65615	M12X1.5	1/2-20

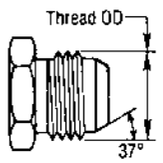
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

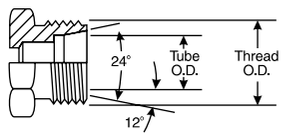
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Metric with O-Ring to Male JIC 37° Flare - 90° - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G63160-1206	12MM-6MJ90	7253-65625	M12X1.5	9/16-18
G63160-1404	14MM-4MJ90	7253-65605	M14X1.5	7/16-20
G63160-1406	14MM-6MJ90	7253-65635	M14X1.5	9/16-18
G63160-1606	16MM-6MJ90	7253-65645	M16X1.5	9/16-18
G63160-1608	16MM-8MJ90	7253-65655	M16X1.5	3/4-16
G63160-1808	18MM-8MJ90	7253-65665	M18X1.5	3/4-16
G63160-1810	18MM-10MJ90	7253-65685	M18X1.5	7/8-14
G63160-2010	20MM-10MJ90	7253-65695	M20X1.5	7/8-14
G63160-2208	22MM-8MJ90	7253-65675	M22X1.5	3/4-16
G63160-2210	22MM-10MJ90	7253-65705	M22X1.5	7/8-14
G63160-2212	22MM-12MJ90	7253-65715	M22X1.5	1 1/16-12
G63160-2612	26MM-12MJ90	7253-65725	M26X1.5	1 1/16-12
G63160-2716	27MM-16MJ90	7253-65735	M27X2.0	1 5/16-12
G63160-3316	33MM-16MJ90	7253-65745	M33X2.0	1 5/16-12
G63160-4220	42MM-20MJ90	7253-65755	M42X2.0	1 5/8-12

Male DIN 24° Cone - Light Series to Male JIC 37° Flare

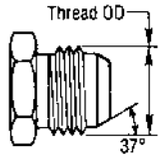




Part No.	Descr.	Prod. No.		
			"	"
G63350-0604	6MDL-4MJ	7253-63075	M12X1.5	7/16-20
G63350-0804	8MDL-4MJ	7253-15365	M14X1.5	7/16-20
G63350-0806	8MDL-6MJ	7253-63095	M14X1.5	9/16-18
G63350-1004	10MDL-4MJ	7253-63105	M16X1.5	7/16-20
G63350-1006	10MDL-6MJ	7253-15375	M16X1.5	9/16-18
G63350-1008	10MDL-8MJ	7253-63115	M16X1.5	3/4-16
G63350-1206	12MDL-6MJ	7253-15585	M18X1.5	9/16-18
G63350-1208	12MDL-8MJ	7253-63135	M18X1.5	3/4-16
G63350-1508	15MDL-8MJ	7253-15385	M22X1.5	3/4-16
G63350-1510	15MDL-10MJ	7253-63145	M22X1.5	7/8-14
G63350-1512	15MDL-12MJ	7253-63155	M22X1.5	1 1/16-12
G63350-1810	18MDL-10MJ	7253-15515	M26X1.5	7/8-14
G63350-1812	18MDL-12MJ	7253-63165	M26X1.5	1 1/16-12
G63350-2212	22MDL-12MJ	7253-15395	M30X2.0	1 1/16-12
G63350-2816	28MDL-16MJ	7253-15405	M36X2.0	1 5/16-12
G63350-3520	35MDL-20MJ	7253-63175	M45X2.0	1 5/8-12
G63350-4224	42MDL-24MJ	7253-63185	M52X2.0	1 7/8-12

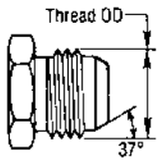
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

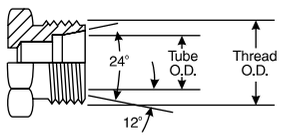
Female DIN 24° Cone Swivel - Light Series to Male JIC 37° Flare



Part No.	Descr.	Prod. No.		
			"	"
G63450-0604	6FDLX-4MJ	7253-64725	M12X1.5	7/16-20
G63450-0605	6FDLX-5MJ	7253-64735	M6X1.5	1/2-20
G63450-0804	8FDLX-4MJ	7253-15465	M14X1.5	7/16-20
G63450-0806	8FDLX-6MJ	7253-64755	M14X1.5	9/16-18
G63450-1006	10FDLX-6MJ	7253-15475	M16X1.5	9/16-18
G63450-1008	10FDLX-8MJ	7253-64775	M16X1.5	3/4-16
G63450-1206	12FDLX-6MJ	7253-15545	M18X1.5	9/16-18
G63450-1208	12FDLX-8MJ	7253-64795	M18X1.5	3/4-16
G63450-1210	12FDLX-10MJ	7253-64805	M18X1.5	7/8-14
G63450-1506	15FDLX-6MJ	7253-64815	M22X1.5	9/16-18
G63450-1508	15FDLX-8MJ	7253-15485	M22X1.5	3/4-16
G63450-1510	15FDLX-10MJ	7253-64835	M22X1.5	7/8-14
G63450-2212	22FDLX-12MJ	7253-15495	M30X2.0	1 1/16-12
G63450-2816	28FDLX-16MJ	7253-15505	M36X2.0	1 5/16-12

Male DIN 24° Cone - Heavy Series to Male JIC 37° Flare





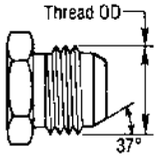
Part No.	Descr.	Prod. No.		
			"	"
G63650-0604	6MDH-4MJ	7253-63195	M14X1.5	7/16-20
G63650-0804	8MDH-4MJ	7253-63205	M16X1.5	7/16-20
G63650-0806	8MDH-6MJ	7253-63215	M16X1.5	9/16-18
G63650-1004	10MDH-4MJ	7253-15415	M18X1.5	7/16-20
G63650-1008	10MDH-8MJ	7253-63225	M18X1.5	3/4-16
G63650-1206	12MDH-6MJ	7253-63235	M20X1.5	9/16-18
G63650-1208	12MDH-8MJ	7253-63245	M20X1.5	3/4-16
G63650-1210	12MDH-10MJ	7253-63255	M20X1.5	7/8-14
G63650-1406	14MDH-6MJ	7253-15425	M22X1.5	9/16-18
G63650-1408	14MDH-8MJ	7253-63265	M22X1.5	3/4-16
G63650-1608	16MDH-8MJ	7253-15435	M24X1.5	3/4-16
G63650-1610	16MDH-10MJ	7253-63285	M24X1.5	1 7/8-12
G63650-1612	16MDH-12MJ	7253-63275	M24X1.5	1 1/16-12
G63650-2010	20MDH-10MJ	7253-15525	M30X2.0	7/8-14
G63650-2012	20MDH-12MJ	7253-63295	M30X2.0	1 1/16-12
G63650-2512	25MDH-12MJ	7253-15445	M36X2.0	1 1/16-12

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male DIN 24° Cone - Heavy Series to Male JIC 37° Flare - Cont'd

Part No.	Descr.	Prod. No.		
			"	"
G63650-2516	25MDH-16MJ	7253-63305	M36X2.0	1 5/16-12
G63650-3016	30MDH-16MJ	7253-15455	M42X2.0	1 5/16-12
G63650-3820	38MDH-20MJ	7253-63315	M52X2.0	1 5/8-12
G63650-3824	38MDH-24MJ	7253-63325	M52X2.0	1 7/8-12

Female DIN 24° Cone Swivel - Heavy Series to Male JIC 37° Flare

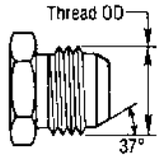


Part No.	Descr.	Prod. No.		
			"	"
G63750-1004	10FDHX-4MJ	7253-15605	M18X1.5	7/16-20
G63750-1205	12FDHX-5MJ	7253-15615	M20X1.5	1/2-20
G63750-1206	12FDHX-6MJ	7253-64845	M20X1.5	9/16-18
G63750-1208	12FDHX-8MJ	7253-64855	M20X1.5	3/4-16
G63750-1210	12FDHX-10MJ	7253-64865	M20X1.5	7/8-14
G63750-1406	14FDHX-6MJ	7253-15625	M22X1.5	9/16-18
G63750-1608	16FDHX-8MJ	7253-15635	M24X1.5	3/4-16
G63750-2010	20FDHX-10MJ	7253-15645	M30X2.0	7/8-14
G63750-2512	25FDHX-12MJ	7253-15655	M36X2.0	1 1/16-12
G63750-3016	30FDHX-16MJ	7253-15665	M42X2.0	1 5/16-12
G63750-3820	38FDHX-20MJ	7253-15675	M52X2.0	1 5/8-12

Male Kobelco Plug

Part No.	Descr.	Prod. No.	
G63980-0022	22MKB-PLUG	7253-65295	M30X1.5

Male Kobelco to Male JIC 37° Flare



Part No.	Descr.	Prod. No.		
			"	"
G63990-2212	22MKB-12MJ	7253-66105	M30X1.5	1 1/16-12
G63990-2812	28MKB-12MJ	7253-65305	M36X1.5	1 1/16-12
G63990-2816	28MKB-16MJ	7253-65315	M36X1.5	1 5/16-12
G63990-3516	35MKB-16MJ	7253-65325	M45X1.5	1 5/16-12
G63990-3520	35MKB-20MJ	7253-65335	M45X1.5	1 5/8-12

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

British Bonded Seal

Part No.	Descr.	Prod. No.	⊖ "
G64075-0002	2BBDS	7253-63335	3/8
G64075-0004	4BBDS	7253-63345	17/32
G64075-0006	6BBDS	7253-63355	21/32
G64075-0008	8BBDS	7253-63365	13/16
G64075-0010	10BBDS	7253-63375	29/32
G64075-0012	12BBDS	7253-63385	1 1/32
G64075-0016	16BBDS	7253-63395	1 11/32
G64075-0020	20BBDS	7253-63405	1 21/32
G64075-0024	24BBDS	7253-63415	1 7/8
G64075-0032	32BBDS	7253-63425	2 11/32
G64075-0040	40BBDS	7253-63435	2 1/2
G64075-0048	48BBDS	7253-63445	3

Male British Standard Pipe Parallel with O-Ring Plug

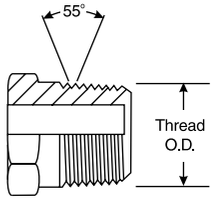
Part No.	Descr.	Prod. No.	
G64094-0002	2MBSPOR-PLUG	7253-65345	1/8-28
G64094-0004	4MBSPOR-PLUG	7253-65355	1/4-19
G64094-0006	6MBSPOR-PLUG	7253-65365	3/8-19
G64094-0008	8MBSPOR-PLUG	7253-65375	1/2-14
G64094-0012	12MBSPOR-PLUG	7253-65385	3/4-14
G64094-0016	16MBSPOR-PLUG	7253-65395	1-11
G64094-0020	20MBSPOR-PLUG	7253-65405	1 1/4-11

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female British Standard Pipe Parallel Cap

Part No.	Descr.	Prod. No.	
G64097-0002	2FBSPP-CAP	7253-63455	1/8-28
G64097-0004	4FBSPP-CAP	7253-63465	1/4-19
G64097-0006	6FBSPP-CAP	7253-63475	3/8-19
G64097-0008	8FBSPP-CAP	7253-63485	1/2-14
G64097-0010	10FBSPP-CAP	7253-63495	5/8-14
G64097-0012	12FBSPP-CAP	7253-63505	3/4-14
G64097-0016	16FBSPP-CAP	7253-63515	1-11
G64097-0020	20FBSPP-CAP	7253-63525	1 1/4-11
G64097-0024	24FBSPP-CAP	7253-63535	1 1/2-11
G64097-0032	32FBSPP-CAP	7253-63545	2-11

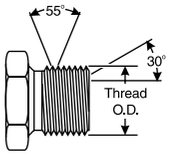
Male British Standard Pipe Tapered Thread Plug



BSPT Male

Part No.	Descr.	Prod. No.	
G64098-0002	2MBSPT-PLUG	7253-63555	1/8-28
G64098-0004	4MBSPT-PLUG	7253-63565	1/4-19
G64098-0006	6MBSPT-PLUG	7253-63575	3/8-19
G64098-0008	8MBSPT-PLUG	7253-63585	1/2-14
G64098-0010	10MBSPT-PLUG	7253-63595	5/8-14
G64098-0012	12MBSPT-PLUG	7253-63605	3/4-14
G64098-0016	16MBSPT-PLUG	7253-63615	1-11
G64098-0020	20MBSPT-PLUG	7253-63625	1 1/4-11
G64098-0024	24MBSPT-PLUG	7253-63635	1 1/2-11

Male British Standard Pipe Parallel Plug



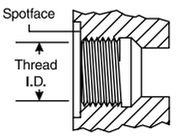
Part No.	Descr.	Prod. No.	
G64099-0002	2MBSPP-PLUG	7253-63655	1/8-28

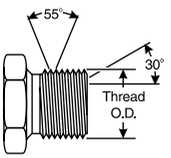
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male British Standard Pipe Parallel Plug - Cont'd

Part No.	Descr.	Prod. No.	
G64099-0004	4MBSPP-PLUG	7253-63665	1/4-19
G64099-0006	6MBSPP-PLUG	7253-63675	3/8-19
G64099-0008	8MBSPP-PLUG	7253-63685	1/2-14
G64099-0010	10MBSPP-PLUG	7253-63695	5/8-14
G64099-0012	12MBSPP-PLUG	7253-63705	3/4-14
G64099-0016	16MBSPP-PLUG	7253-63715	1-11
G64099-0020	20MBSPP-PLUG	7253-63725	1 1/4-11
G64099-0024	24MBSPP-PLUG	7253-63735	1 1/2-11
G64099-0032	32MBSPP-PLUG	7253-63745	2-11

Male British Standard Pipe Parallel to Female British Standard Pipe Parallel Swivel





Part No.	Descr.	Prod. No.		
			"	"
G64350-0202	2MBSPP-2FBSPPX	7253-63775	1/8-28	1/8-28
G64350-0204	2MBSPP-4FBSPPX	7253-63785	1/8-28	1/4-19
G64350-0402	4MBSPP-2FBSPPX	7253-63795	1/4-19	1/8-28
G64350-0404	4MBSPP-4FBSPPX	7253-15185	1/4-19	1/4-19
G64350-0406	4MBSPP-6FBSPPX	7253-63805	1/4-19	3/8-19
G64350-0408	4MBSPP-8FBSPPX	7253-63815	1/4-19	1/2-14
G64350-0604	6MBSPP-4FBSPPX	7253-63825	3/8-19	1/4-19
G64350-0606	6MBSPP-6FBSPPX	7253-15195	3/8-19	3/8-19
G64350-0608	6MBSPP-8FBSPPX	7253-63835	3/8-19	1/2-14
G64350-0806	8MBSPP-6FBSPPX	7253-63845	1/2-14	3/8-19
G64350-0808	8MBSPP-8FBSPPX	7253-15205	1/2-14	1/2-14
G64350-0810	8MBSPP-10FBSPPX	7253-63855	1/2-14	5/8-14
G64350-0812	8MBSPP-12FBSPPX	7253-63865	1/2-14	3/4-14
G64350-1008	10MBSPP-8FBSPPX	7253-63875	5/8-14	1/2-14
G64350-1010	10MBSPP-10FBSPPX	7253-15215	5/8-14	7/8-14
G64350-1012	10MBSPP-12FBSPPX	7253-63885	5/8-14	3/4-14
G64350-1206	12MBSPP-6FBSPPX	7253-63895	3/4-14	3/8-19
G64350-1208	12MBSPP-8FBSPPX	7253-63905	3/4-14	1/2-14
G64350-1210	12MBSPP-10FBSPPX	7253-63915	3/4-14	5/8-14
G64350-1212	12MBSPP-12FBSPPX	7253-15225	3/4-14	3/4-14
G64350-1216	12MBSPP-16FBSPPX	7253-63925	3/4-14	1-11
G64350-1220	12MBSPP-20FBSPPX	7253-63935	3/4-14	1 1/4-11
G64350-1612	16MBSPP-12FBSPPX	7253-63945	1-11	3/4-14
G64350-1616	16MBSPP-16FBSPPX	7253-15235	1-11	1-11
G64350-1620	16MBSPP-20FBSPPX	7253-63955	1-11	1 1/4-11
G64350-2016	20MBSPP-16FBSPPX	7253-63965	1 1/4-11	1-11
G64350-2020	20MBSPP-20FBSPPX	7253-63975	1 1/4-11	1 1/4-11
G64350-2024	20MBSPP-24FBSPPX	7253-63985	1 1/4-11	1 1/2-11
G64350-2420	24MBSPP-20FBSPPX	7253-63995	1 1/2-11	1 1/4-11
G64350-2424	24MBSPP-24FBSPPX	7253-64005	1 1/2-11	1 1/2-11
G64350-3232	32MBSPP-32FBSPPX	7253-64015	2-11	2-11

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
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SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Metric Bonded Seal

Part No.	Descr.	Prod. No.	⊖
G64775-0006	6MBDS	7253-64025	6.0
G64775-0008	8MBDS	7253-64035	8.0
G64775-0010	10MBDS	7253-64045	10.0
G64775-0012	12MBDS	7253-64055	12.0
G64775-0014	14MBDS	7253-64065	14.0
G64775-0016	16MBDS	7253-64075	16.0
G64775-0018	18MBDS	7253-64085	18.0
G64775-0020	20MBDS	7253-64095	20.0
G64775-0022	22MBDS	7253-64105	22.0
G64775-0024	24MBDS	7253-64115	24.0
G64775-0026	26MBDS	7253-64125	26.0
G64775-0027	27MBDS	7253-64135	27.0
G64775-0030	30MBDS	7253-64145	30.0
G64775-0033	33MBDS	7253-64155	33.0
G64775-0036	36MBDS	7253-64165	36.0
G64775-0042	42MBDS	7253-64175	42.0
G64775-0045	45MBDS	7253-64185	45.0
G64775-0050	50MBDS	7253-64195	50.0
G64775-0052	52MBDS	7253-64205	52.0

Male Metric Plug

Part No.	Descr.	Prod. No.	
G64790-0008	8MM-PLUG	7253-64215	M08X1.0
G64790-0010	10MM-PLUG	7253-64225	M10X1.5
G64790-0012	12MM-PLUG	7253-64235	M12X1.5
G64790-0014	14MM-PLUG	7253-64245	M14X1.5
G64790-0016	16MM-PLUG	7253-64255	M16X1.5
G64790-0018	18MM-PLUG	7253-64265	M18X1.5
G64790-0020	20MM-PLUG	7253-64275	M20X1.5
G64790-0022	22MM-PLUG	7253-64285	M22X1.5
G64790-0024	24MM-PLUG	7253-64295	M24X1.5
G64790-0026	26MM-PLUG	7253-64305	M26X1.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
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GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
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SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
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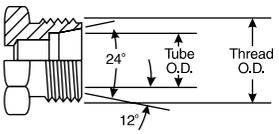
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Metric Plug - Cont'd

Part No.	Descr.	Prod. No.	
G64790-0030	30MM-PLUG	7253-64315	M30X1.5

Male DIN 24° Cone - Light Series Plug

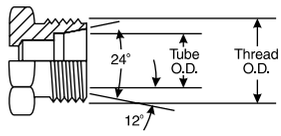


Part No.	Descr.	Prod. No.	
G64792-0006	6MDL-PLUG	7253-64325	M12X1.5
G64792-0008	8MDL-PLUG	7253-64335	M14X1.5
G64792-0010	10MDL-PLUG	7253-64345	M16X1.5
G64792-0012	12MDL-PLUG	7253-64355	M18X1.5
G64792-0015	15MDL-PLUG	7253-64365	M22X1.5
G64792-0018	18MDL-PLUG	7253-64375	M26X1.5
G64792-0022	22MDL-PLUG	7253-64385	M30X2.0
G64792-0028	28MDL-PLUG	7253-64395	M36X2.0
G64792-0035	35MDL-PLUG	7253-64405	M45X2.0
G64792-0042	42MDL-PLUG	7253-64415	M52X2.0

Female DIN 24° Cone - Light Series Cap

Part No.	Descr.	Prod. No.	
G64793-0006	6FDL-CAP	7253-64425	M12X1.5
G64793-0008	8FDL-CAP	7253-64435	M14X1.5
G64793-0010	10FDL-CAP	7253-64445	M16X1.5
G64793-0012	12FDL-CAP	7253-64455	M18X1.5
G64793-0015	15FDL-CAP	7253-64465	M22X1.5
G64793-0018	18FDL-CAP	7253-64475	M26X1.5
G64793-0022	22FDL-CAP	7253-64485	M30X2.0
G64793-0028	28FDL-CAP	7253-64495	M36X2.0
G64793-0035	35FDL-CAP	7253-64505	M45X2.0
G64793-0042	42FDL-CAP	7253-64515	M52X2.0

Male DIN 24° Cone - Heavy Series Plug



Part No.	Descr.	Prod. No.	
G64794-0008	8MDH-PLUG	7253-64535	M16X1.5
G64794-0010	10MDH-PLUG	7253-64545	M18X1.5
G64794-0012	12MDH-PLUG	7253-64555	M20X1.5
G64794-0014	14MDH-PLUG	7253-64565	M22X1.5
G64794-0016	16MDH-PLUG	7253-64575	M24X1.5
G64794-0020	20MDH-PLUG	7253-64585	M30X2.0
G64794-0025	25MDH-PLUG	7253-64595	M36X2.0
G64794-0030	30MDH-PLUG	7253-64605	M42X2.0
G64794-0038	38MDH-PLUG	7253-64615	M52X2.0

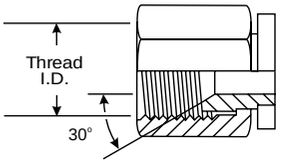
Female DIN 24° Cone - Heavy Series Cap

Part No.	Descr.	Prod. No.	
G64795-0008	8FDH-CAP	7253-64635	M16X1.5
G64795-0010	10FDH-CAP	7253-64645	M18X1.5
G64795-0012	12FDH-CAP	7253-64655	M20X1.5
G64795-0014	14FDH-CAP	7253-64665	M22X1.5
G64795-0016	16FDH-CAP	7253-64675	M24X1.5
G64795-0020	20FDH-CAP	7253-64685	M30X2.0
G64795-0025	25FDH-CAP	7253-64695	M36X2.0
G64795-0030	30FDH-CAP	7253-64705	M42X2.0
G64795-0038	38FDH-CAP	7253-64715	M52X2.0

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

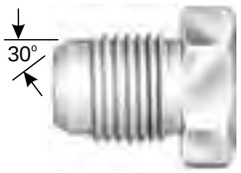
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Japanese Industrial Standard Cap



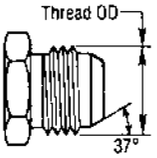
Part No.	Descr.	Prod. No.	
G65097-0004	4FJIS-CAP	7253-64875	1/4-19
G65097-0006	6FJIS-CAP	7253-64885	3/8-19
G65097-0008	8FJIS-CAP	7253-64895	1/2-14
G65097-0012	12FJIS-CAP	7253-64905	3/4-14
G65097-0016	16FJIS-CAP	7253-64915	1-11
G65097-0020	20FJIS-CAP	7253-64925	1 1/4-11
G65097-0032	32FJIS-CAP	7253-64945	2-11

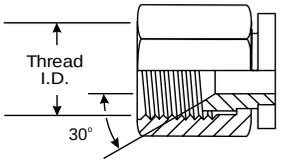
Male Japanese Industrial Standard Plug



Part No.	Descr.	Prod. No.	
G65099-0004	4MJIS-PLUG	7253-64955	1/4-19
G65099-0006	6MJIS-PLUG	7253-64965	3/8-19
G65099-0008	8MJIS-PLUG	7253-64975	1/2-14
G65099-0012	12MJIS-PLUG	7253-64985	3/4-14
G65099-0016	16MJIS-PLUG	7253-64995	1-11
G65099-0020	20MJIS-PLUG	7253-65005	1 1/4-11
G65099-0024	24MJIS-PLUG	7253-65015	1 1/2-11
G65099-0032	32MJIS-PLUG	7253-65025	2-11

Female Japanese Industrial Standard to Male JIC 37° Flare



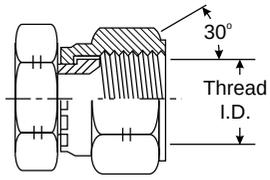


Part No.	Descr.	Prod. No.		
			"	"
G65100-0404	4FJIS-4MJ	7253-65035	1/4-19	7/16-20
G65100-0604	6FJIS-4MJ	7253-65045	3/8-19	7/16-20
G65100-0606	6FJIS-6MJ	7253-65055	3/8-19	9/16-18
G65100-0608	6FJIS-8MJ	7253-65065	3/8-19	3/4-16
G65100-0808	8FJIS-8MJ	7253-65075	1/2-14	3/4-16

Female Japanese Industrial Standard to Male JIC 37° Flare - Cont'd

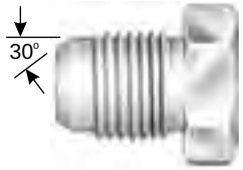
Part No.	Descr.	Prod. No.		
			"	"
G65100-1212	12FJIS-12MJ	7253-65085	3/4-14	1 1/16-12
G65100-1616	16FJIS-16MJ	7253-65095	1-11	1 5/16-12
G65100-2020	20FJIS-20MJ	7253-65105	1 1/4-11	1 5/8-12

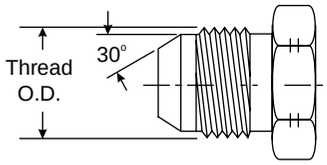
Female Komatsu Cap



Part No.	Descr.	Prod. No.	
G65597-0004	4FK-CAP	7253-65115	M14X1.5
G65597-0006	6FK-CAP	7253-65125	M18X1.5
G65597-0008	8FK-CAP	7253-65135	M22X1.5
G65597-0010	10FK-CAP	7253-65145	M24X1.5
G65597-0012	12FK-CAP	7253-65155	M30X1.5
G65597-0016	16FK-CAP	7253-65165	M33X1.5

Male Komatsu Plug





Part No.	Descr.	Prod. No.	
G65599-0004	4MK-PLUG	7253-65175	M14X1.5
G65599-0006	6MK-PLUG	7253-65185	M18X1.5
G65599-0008	8MK-PLUG	7253-65195	M22X1.5
G65599-0010	10MK-PLUG	7253-65205	M24X1.5
G65599-0012	12MK-PLUG	7253-65215	M30X1.5
G65599-0016	16MK-PLUG	7253-65225	M33X1.5

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
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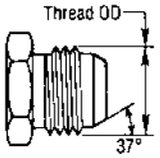
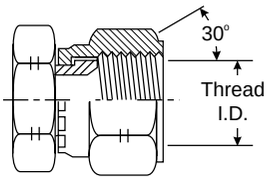
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

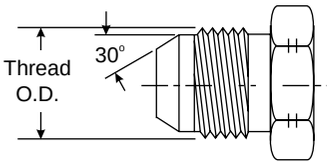
Female Komatsu to Male JIC 37° Flare





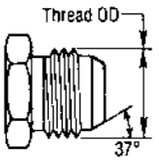
Part No.	Descr.	Prod. No.		
			"	"
G65600-0404	4FK-4MJ	7253-65235	M14X1.5	7/16-20
G65600-0606	6FK-6MJ	7253-65245	M18X1.5	9/16-18
G65600-0808	8FK-8MJ	7253-65255	M22X1.5	3/4-16
G65600-1010	10FK-10MJ	7253-65265	M24X1.5	7/8-14
G65600-1212	12FK-12MJ	7253-65275	M30X1.5	1 1/16-12
G65600-1616	16FK-16MJ	7253-65285	M33X1.5	1 5/16-12

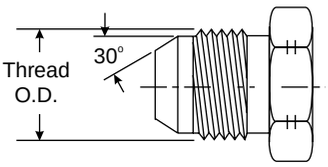
Male Komatsu to Male Komatsu



Part No.	Descr.	Prod. No.	
G65700-0404	4MK-4MK	7253-65765	M14X1.5
G65700-0606	6MK-6MK	7253-65775	M18X1.5
G65700-0808	8MK-8MK	7253-65785	M22X1.5
G65700-1010	10MK-10MK	7253-65795	M24X1.5
G65700-1212	12MK-12MK	7253-65805	M30X1.5
G65700-1616	16MK-16MK	7253-65815	M33X1.5

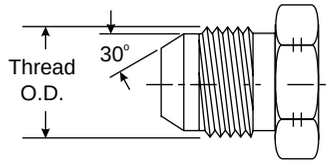
Male Komatsu to Male JIC 37° Flare





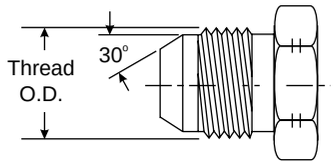
Part No.	Descr.	Prod. No.		
			"	"
G65750-0404	4MK-4MJ	7253-65825	M14X1.5	1/2-20
G65750-0606	6MK-6MJ	7253-65835	M18X1.5	9/16-18
G65750-0808	8MK-8MJ	7253-65845	M22X1.5	3/4-16
G65750-1010	10MK-10MJ	7253-65855	M24X1.5	7/8-14
G65750-1212	12MK-12MJ	7253-65865	M30X1.5	1 1/16-12
G65750-1616	16MK-16MJ	7253-65875	M33X1.5	1 5/16-12

Male Komatsu to Female Komatsu - 90°



Part No.	Descr.	Prod. No.		
			"	"
G65800-0404	4MK-4FK90	7253-65945	M14X1.5	M14X1.5
G65800-0606	6MK-6FK90	7253-65965	M18X1.5	M18X1.5
G65800-0808	8MK-8FK90	7253-65975	M22X1.5	M22X1.5
G65800-1010	10MK-10FK90	7253-65985	M24X1.5	M24X1.5
G65800-1212	12MK-12FK90	7253-65995	M30X1.5	M30X1.5
G65800-1616	16MK-16FK90	7253-66005	M33X1.5	M33X1.5

Male Komatsu to Female Komatsu to Male Komatsu - Tee



Part No.	Descr.	Prod. No.		
			"	"
G65950-0404	4MK-4FK-4MK	7253-65885	M14X1.5	M14X1.5
G65950-0606	6MK-6FK-6MK	7253-65905	M18X1.5	M18X1.5
G65950-0808	8MK-8FK-8MK	7253-65915	M22X1.5	M22X1.5
G65950-1010	10MK-10FK-10MK	7253-65925	M24X1.5	M24X1.5
G65950-1212	12MK-12FK-12MK	7253-65935	M30X1.5	M30X1.5

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BALL VALVES
KITS

Notes

OE-Style Clamp Collars

To locate clamps and protect hose

Previously available only through equipment dealerships, clamp collars are common on many types of construction equipment. The collars are actually crimped onto a hydraulic hose, reducing hose movement and minimizing abrasion.

Crimping Instructions

Care must be taken when crimping clamp collars onto a hydraulic hose. If crimp is too tight, hose will be crushed, dramatically reducing its service life. If crimp is too loose, collar could slide along hose's length causing abrasion and eventual hose cover failure.

Remember: Clamp collars must be crimped *before* the hose couplings.

Use the following instructions to determine crimp diameter, which can then be used to find crimping setting in **Gates' Crimp Data Manual (428-7365 Auto./35019 Ind**.) The required clamp collar for a specific hydraulic hose is provided in **Table 1**.

1. **Measure hose's outside diameter** at the location where clamp collar will be crimped. This can be accomplished by using a pie tape or by using the average hose outside diameter measured with a dial caliper.
2. **Measure wall thickness of clamp collar** with a dial caliper.
3. **Obtain crimp diameter** by adding hose outside diameter to twice the clamp collar wall thickness (see formula below).

Crimp Diameter = (Hose O.D.) + (2 x .065)

When crimping clamp collar, the crimp die should be located in the collar center, which will result in a 1/8" flare on each side of the collar.

Table 1

Clamp Collars			
Description	Part Number	Product Number	Hydraulic Hose Applications
CC1.12	**G52000-0210**	7334-45805	10M2T, 10G2, 10M3K
CC1.20	**G52000-0210S**	7334-37015	12M2T, 12G2, 12M4K
CC1.25	**G52000-0212**	7334-45885	12M2T, 12G2, 12M4K
CC1.37	**G52000-0412**	7334-45895	12C12, 12G4K

Table 2

Crimping Dies – MobileCrimp® 4-20			
Description	Part Number	Product Number	Hydraulic Hose Applications
MCC3	78590	7482-0981	10M2T, 10G2
MCC4	78591	7482-0982	12M2T, 12G2, 12C12
Crimping Dies – Power Crimp® 707			
Description	Part Number	Product Number	Hydraulic Hose Applications
CC-7C3	78941	7482-1122	10M2T, 10G2
CC-7C4	78942	7482-1123	12G2, 12M2T, 12C12M 12G4K, 12M4K
Crimping Dies – OmniCrimp® 21			
OM331	78297	7482-0733	10M2T, 10G2, 12G2, 12M2T, 12C12M, 12G4K, 12M4K
Crimping Dies – GC32XD™			
32-331	78888	7482-7156	10M2T, 10G2, 12G2, 12M2T, 12C12M, 12G4K, 12M4K

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ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

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POLARSEAL II COUPLINGS
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ADAPTERS
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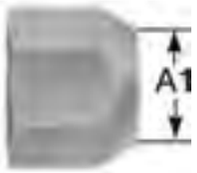
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Female Flareless Nut



Part No.	Descr.	Prod. No.	A1		H1	Std. Pack
G60050-0004	4FFN	7334-40495	1/4	7/16-20	9/16	5
G60050-0005	5FFN	7334-40505	5/16	1/2-20	5/8	5
G60050-0006	6FFN	7334-40515	3/8	9/16-18	11/16	5
G60050-0008	8FFN	7334-40425	1/2	3/4-16	7/8	5
G60050-0010	10FFN	7334-40525	5/8	7/8-14	1	1
G60050-0012	12FFN	7334-40535	3/4	1 1/16-12	1 1/4	1
G60050-0016	16FFN	7334-40545	1	1 5/16-12	1 1/2	1

Female Flareless Sleeve

Part No.	Descr.	Prod. No.	A1	Std. Pack
G60051-0004	4FFS	7334-40555	1/4	5
G60051-0005	5FFS	7334-40565	5/16	5
G60051-0006	6FFS	7334-40575	3/8	5
G60051-0008	8FFS	7334-40435	1/2	5
G60051-0010	10FFS	7334-40585	5/8	1
G60051-0012	12FFS	7334-40595	3/4	1
G60051-0016	16FFS	7334-40605	1	1

Tube Sleeve

Part No.	Descr.	Prod. No.	A1	Std. Pack
G60394-0003	3TS	7259-78275	3/16	5
G60394-0004	4TS	7259-23905	1/4	5
G60394-0005	5TS	7259-23915	5/16	5
G60394-0006	6TS	7259-23925	3/8	5
G60394-0008	8TS	7259-23935	1/2	5
G60394-0010	10TS	7259-23945	5/8	1
G60394-0012	12TS	7259-23955	3/4	1
G60394-0014	14TS	7259-23965	7/8	1

Tube Sleeve - Cont'd

Part No.	Descr.	Prod. No.	A1	Std. Pack
G60394-0016	16TS	7259-23975	1	1
G60394-0020	20TS	7259-23985	1 1/4	1
G60394-0024	24TS	7259-23995	1 1/2	1
G60394-0032	32TS	7259-24005	2	1

Tube Sleeve Nut

Part No.	Descr.	Prod. No.	A1		H1	Std. Pack
G60395-0002	2TSN	7259-06805	1/8	5/16-24	3/8	1
G60395-0003	3TSN	7259-78295	3/16	3/8-24	1/4	1
G60395-0004	4TSN	7259-01105	1/4	7/16-20	9/16	1
G60395-0005	5TSN	7259-01115	5/16	1/2-20	5/8	1
G60395-0006	6TSN	7259-01125	3/8	9/16-18	11/16	1
G60395-0008	8TSN	7259-01135	1/2	3/4-16	7/8	1
G60395-0010	10TSN	7259-01145	5/8	7/8-14	1	1
G60395-0012	12TSN	7259-01155	3/4	1 1/16-12	1 1/4	1
G60395-0014	14TSN	7259-01165	7/8	1 3/16-12	1 3/8	1
G60395-0016	16TSN	7259-01175	1	1 5/16-12	1 1/2	1
G60395-0020	20TSN	7259-01185	1 1/4	1 5/8-12	2	1
G60395-0024	24TSN	7259-01195	1 1/2	1 7/8-12	2 1/4	1
G60395-0032	32TSN	7259-09055	2	2 1/2-12	2 7/8	1

Locknuts for Bulkhead Fittings

Part No.	Descr.	Prod. No.		H1	Std. Pack
G60399-0004	4LN-SH	7259-24605	7/16-20	11/16	300
G60399-0005	5LN	7253-24615	1/2-20	3/4	5
G60399-0006	6LN-SH	7259-24625	9/16	11/16	1
G60399-0008	8LN-SH	7259-24635	3/4-16	1	5
G60399-0012	12LN	7253-24655	1 1/16-12	1 3/8	1
G60399-0016	16LN	7253-24665	1 5/16-12	1 5/8	1

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
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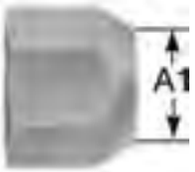
BALL VALVES
KITS

Metric Bite Sleeve

Part No.	Descr.	Prod. No.	A1	Std. Pack
G64787-0006	6BS	7253-26815	6.0	750
G64787-0008	8BS	7253-26835	8.0	5
G64787-0010	10BS	7253-26855	10.0	1
G64787-0012	12BS	7253-26875	12.0	1
G64787-0014	14BS	7253-26895	14.0	1
G64787-0015	15BS	7253-26905	15.0	1
G64787-0016	16BS	7253-26915	16.0	1
G64787-0018	18BS	7253-26925	18.0	1
G64787-0020	20BS	7253-26935	20.0	1
G64787-0022	22BS	7253-26945	22.0	1
G64787-0025	25BS	7253-26955	25.0	1
G64787-0028	28BS	7253-26965	28.0	1
G64787-0030	30BS	7253-26975	30.0	1
G64787-0035	35BS	7253-26985	35.0	1
G64787-0038	38BS	7253-26995	38.0	1
G64787-0042	42BS	7253-27005	42.0	1

Metric Bite Nut



Part No.	Descr.	Prod. No.		A1	Std. Pack
G64788-0006	6MNL	7253-27105	M12X1.5	6.0	5
G64788-0008	8MNL	7253-27125	M14X1.5	8.0	5
G64788-0010	10MNL	7253-27145	M16X1.5	10.0	1
G64788-0012	12MNL	7253-27165	M18X1.5	12.0	1
G64788-0015	15MNL	7253-27185	M22X1.5	14.0	1
G64788-0018	18MNL	7253-27215	M26X1.5	18.0	1
G64788-0022	22MNL	7253-27235	M30X1.5	22.0	1
G64788-0028	28MNL	7253-27255	M36X1.5	28.0	1
G64788-0035	35MNL	7253-27275	M45X1.5	35.0	1
G64788-0042	42MNL	7253-27295	M52X1.5	42.0	1
G64789-0006	6MNH	7253-27115	M14X1.5	6.0	5
G64789-0008	8MNH	7253-27135	M16X1.5	8.0	5
G64789-0010	10MNH	7253-27155	M18X1.5	10.0	1
G64789-0012	12MNH	7253-27175	M20X1.5	12.0	1
G64789-0014	14MNH	7253-27195	M22X1.5	15.0	1
G64789-0016	16MNH	7253-27205	M24X1.5	16.0	1
G64789-0020	20MNH	7253-27225	M30X1.5	20.0	1
G64789-0025	25MNH	7253-27245	M36X1.5	25.0	1
G64789-0030	30MNH	7253-27265	M42X1.5	30.0	1

Metric Bite Nut - Cont'd

Part No.	Descr.	Prod. No.		A1	Std. Pack
G64789-0038	38MNH	7253-27285	M52X1.5	38.0	1

EQUIPMENT
HOSE/CPLG. SELECTION
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GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Vinyl Bend Restrictor - Black

Description: Gates tapered PVC sleeve reduces bending stress in the hose near the coupling to prevent damage, such as in power wash applications. Installed during hose assembly, this smoothly-finished product withstands temperatures from -40°F to +200°F (-40°C to +93°C).

Features Advantages: Friction Fit; no adhesives or clamps required to hold bend restrictor in place on hose assembly. Saves assembly cost.
Smooth finish will not scratch finish on equipment being washed. Attractive appearance enhances look of quality.
Tapered design reduces bending stress neat the hose-coupling junction so extra long, more trouble-free hose life can be expected.
Wide temperature helps give extra long service life for both hot and cold power wash assemblies.

Part No.	Descr.	Prod. No.	I.D. (In.)	Length (In.)	Hose Size and Type	Std. Pack
G80700-0106	HBR1051	7277-10515	.73	6.0	6G1, 6G1H, 6M3K, 6M2T, 6G17, 6PC3000, 6PC4000, 4PC6000	27
G80700-0108	HBR1052	7277-10525	.84	7.00	8G1, 8GlH, 6PC5000	38
G80700-0110	HBR1053	7277-10535	1.00	8.0	10G1, 10G1H, 10M2T	30
G80700-0204	HBR1050	7277-10505	.63	5.5	4G1, 4G1H, 4G2, 4M3K, 4M2T, 4PC3500	39
G80700-0206	HBR1054	7277-10545	.77	7.00	6G2	45
G80700-0208	HBR1056	7277-10905	.91	7.00	8PC2500	34
G80700-0404	HBR1055	7277-10555	.53	5.3	4GT7/4GT7NC	42

Vinyl Bend Restrictor - Red

Description: Gates tapered PVC sleeve reduces bending stress in the hose near the coupling to prevent damage, such as in power wash applications. Installed during hose assembly, this smoothly-finished product withstands temperatures from -40°F to +200°F (-40°C to +93°C).

Features Advantages: Friction Fit; no adhesives or clamps required to hold bend restrictor in place on hose assembly. Saves assembly cost.
Smooth finish will not scratch finish on equipment being washed. Attractive appearance enhances look of quality.
Tapered design reduces bending stress neat the hose-coupling junction so extra long, more trouble-free hose life can be expected.
Wide temperature helps give extra long service life for both hot and cold power wash assemblies.

Part No.	Descr.	Prod. No.	I.D. (In.)	Length (In.)	Hose Size and Type	Std. Pack
G80705-0108	HBR1098	7277-10985	.91	7.00	8PC2500	34
G80705-0206	HBR1097	7277-10975	.76	7.00	6G2	45

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

PolySleeve™ High Density Polyethylene Hose Wrap - Black

Description: Gates PolySleeve is a spiral wrap designed to protect or bundle hoses for appearance and safety. PolySleeve protects hoses from chaffing, rubbing, crushing, ultraviolet rays and other hazards that cause hose failures. It can be an easy and economical way to protect equipment, reduce downtime, improve sighting and improve overall appearance. PolySleeve can be installed easily - even after the hose assembly or assemblies are in place. The edges are rounded, so installers won't cut their hands. Just wrap a section of Gates PolySleeve in the abrasion area or wrap it around any number of hoses for better appearance or safety. It is offered in either black or yellow in a full range of sizes.

This product is made of heavy-wall, high-density polyethylene (HDPE) and has a wide temperature range. At -40°F it starts to become somewhat brittle, and at 280°F it starts to become soft. After temperature is normalized, PolySleeve returns to its original state quickly. PolySleeve is made with an anti-static material, so it won't build up a static charge.

Features Advantages: Available in two colors (black and yellow), multiple sizes for individual hoses or bundling. Comes with rounded edges both inside and out for added safety. Easy to install before or after assembly fabrication or installation. Effective temperature range from -40°F to 280°F (-40°C to 130°C). Guards against harsh environmental conditions for reduced downtime. Safe, affordable protection for hydraulic and pneumatic lines.

Part No.	Descr.	Prod. No.	Coil I.D. (In.)	Fits Min. Hose O.D. (In.)	Fits Max. Hose O.D. (In.)	Wall Thickness (In.)	Width (In.)	Std. Pack
G80901-0006	6PSB POLY SLEEVE	7277-1174	.38	.38	.52	.060	3/8	165
G80901-0008	8PSB POLY SLEEVE	7277-1175	.50	.52	.64	.070	9/16	66
G80901-0012	12PSB POLY SLEEVE	7277-1176	.63	.63	.85	.080	5/8	66
G80901-0016	16PSB POLY SLEEVE	7277-1177	.84	.86	1.08	.080	7/8	66
G80901-0020	20PSB POLY SLEEVE	7277-1178	1.06	1.10	1.35	.100	15/16	66
G80901-0024	24PSB POLY SLEEVE	7277-1179	1.34	1.36	1.74	.120	1 3/16	66
G80901-0028	28PSB POLY SLEEVE	7277-1180	1.73	1.75	2.18	.120	1 7/16	66
G80901-0036	36PSB POLY SLEEVE	7277-1181	2.17	2.19	2.61	.160	1 1/2	66
G80901-0044	44PSB POLY SLEEVE	7277-1182	2.60	2.62	3.11	.180	1 11/16	66
G80901-0048	48PSB POLY SLEEVE	7277-1183	3.10	3.12	3.95	.220	1 7/8	66
G80901-0056	56PSB POLY SLEEVE	7277-1184	3.90	3.95	4.25	.220	2 1/4	40

PolySleeve™ Selection Chart

Dash Size	Hose							
	G2	M2T®	M3K	G1	GT7	GT8	C12	EFG5K
-4	8PSB 8PSY	8PSB 8PSY	8PSB 8PSY	8PSB 8PSY	8PSB 8PSY	8PSB 8PSY		
-6	12PSB 12PSY	12PSB 12PSY	12PSB 12PSY	12PSB 12PSY	12PSB 12PSY	12PSB 12PSY	12PSB 12PSY	
-8	16PSB 16PSY	16PSB 16PSY	12PSB 12PSY 16PSB 16PSY	12PSB 12PSY	12PSB 12PSY	12PSB 12PSY	16PSB 16PSY	16PSB 16PSY
-10	16PSB 16PSY	16PSB 16PSY	16PSB 16PSY	16PSB 16PSY				20PSB 20PSY
-12	20PSB 20PSY	20PSB 20PSY	20PSB 20PSY	20PSB 20PSY	16PSB 16PSY	16PSB 16PSY	20PSB 20PSY	20PSB 20PSY
-16	24PSB 24PSY	20PSB 20PSY 24PSB 24PSY	24PSB 24PSY	24PSB 24PSY	20PSB 20PSY		24PSB 24PSY	24PSB 24PSY
-20	28PSB 28PSY			24PSB 24PSY			28PSB 28PSY	28PSB 28PSY
-24	28PSB 28PSY			28PSB 28PSY			28PSB 28PSY	36PSB 36PSY
-32	44PSB 44PSY			36PSB 36PSY			44PSB 44PSY	44PSB 44PSY

PolySleeve™ High Density Polyethylene Hose Wrap - Yellow

Description: Gates PolySleeve is a spiral wrap designed to protect or bundle hoses for appearance and safety. PolySleeve protects hoses from chaffing, rubbing, crushing, ultraviolet rays and other hazards that cause hose failures. It can be an easy and economical way to protect equipment, reduce downtime, improve sighting and improve overall appearance. PolySleeve can be installed easily - even after the hose assembly or assemblies are in place. The edges are rounded, so installers won't cut their hands. Just wrap a section of Gates PolySleeve in the abrasion area or wrap it around any number of hoses for better appearance or safety. It is offered in either black or yellow in a full range of sizes.

This product is made of heavy-wall, high-density polyethylene (HDPE) and has a wide temperature range. At -40°F it starts to become somewhat brittle, and at 280°F it starts to become soft. After temperature is normalized, PolySleeve returns to its original state quickly. PolySleeve is made with an anti-static material, so it won't build up a static charge.

Features Advantages: Available in two colors (black and yellow), multiple sizes for individual hoses or bundling. Comes with rounded edges both inside and out for added safety. Easy to install before or after assembly fabrication or installation. Effective temperature range from -40°F to 280°F (-40°C to 130°C). Guards against harsh environmental conditions for reduced downtime. Safe, affordable protection for hydraulic and pneumatic lines.

Part No.	Descr.	Prod. No.	Coil I.D. (In.)	Fits Min. Hose O.D. (In.)	Fits Max. Hose O.D. (In.)	Wall Thickness (In.)	Width (In.)	Std. Pack
G80902-0006	6PSY POLY SLEEVE	7277-1185	.38	.38	.52	.060	3/8	165
G80902-0008	8PSY POLY SLEEVE	7277-1186	.50	.52	.64	.070	9/16	66
G80902-0012	12PSY POLY SLEEVE	7277-1187	.63	.63	.85	.080	5/8	66
G80902-0016	16PSY POLY SLEEVE	7277-1188	.84	.86	1.08	.080	7/8	66
G80902-0020	20PSY POLY SLEEVE	7277-1189	1.06	1.10	1.35	.100	15/16	66
G80902-0024	24PSY POLY SLEEVE	7277-1190	1.34	1.36	1.74	.120	1 3/16	66
G80902-0028	28PSY POLY SLEEVE	7277-1191	1.73	1.75	2.18	.120	1 7/16	66
G80902-0036	36PSY POLY SLEEVE	7277-1192	2.17	2.19	2.61	.160	1 1/2	66
G80902-0044	44PSY POLY SLEEVE	7277-1193	2.60	2.62	3.11	.180	1 11/16	66
G80902-0048	48PSY POLY SLEEVE	7277-1194	3.10	3.12	3.95	.220	1 7/8	66
G80902-0056	56PSY POLY SLEEVE	7277-1195	3.90	3.95	4.25	.220	2 1/4	40

PolySleeve™ Selection Chart

Dash Size	Hose							
	G2	M2T®	M3K	G1	GT7	GT8	C12	EFG5K
-4	8PSB 8PSY	8PSB 8PSY	8PSB 8PSY	8PSB 8PSY	8PSB 8PSY	8PSB 8PSY		
-6	12PSB 12PSY	12PSB 12PSY	12PSB 12PSY	12PSB 12PSY	12PSB 12PSY	12PSB 12PSY	12PSB 12PSY	
-8	16PSB 16PSY	16PSB 16PSY	12PSB 12PSY 16PSB 16PSY	12PSB 12PSY	12PSB 12PSY	12PSB 12PSY	16PSB 16PSY	16PSB 16PSY
-10	16PSB 16PSY	16PSB 16PSY	16PSB 16PSY	16PSB 16PSY				20PSB 20PSY
-12	20PSB 20PSY	20PSB 20PSY	20PSB 20PSY	20PSB 20PSY	16PSB 16PSY	16PSB 16PSY	20PSB 20PSY	20PSB 20PSY
-16	24PSB 24PSY	20PSB 20PSY 24PSB 24PSY	24PSB 24PSY	24PSB 24PSY	20PSB 20PSY		24PSB 24PSY	24PSB 24PSY
-20	28PSB 28PSY			24PSB 24PSY			28PSB 28PSY	28PSB 28PSY
-24	28PSB 28PSY			28PSB 28PSY			28PSB 28PSY	36PSB 36PSY
-32	44PSB 44PSY			36PSB 36PSY			44PSB 44PSY	44PSB 44PSY

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
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POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
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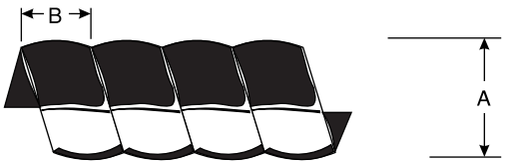
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Plastic Protective Coil Sleeves

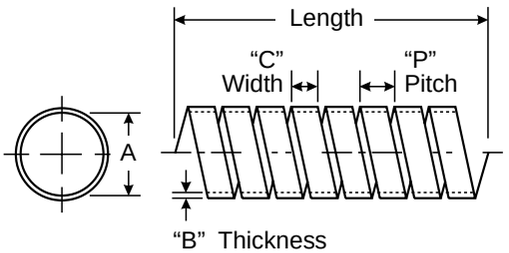
Description: Economical, lightweight plastic sleeving protects hose from water, air, gasoline and hydraulic fluids. Effective temperature range from -40°F to +250°F (-40°C to +121°C).



Part No.	Descr.	Prod. No.	"A" Coil I.D. (In.)	"B" Strip Width (In.)	Thickness (In.)	Std. Pack
G81900-0004	1/4" CS1151-100FT	7277-1151	1/4	1/4	.040	100
G81900-0006	3/8" CS1152-100FT	7277-1152	3/8	1/4	.040	100
G81900-0008	1/2" CS1153-100FT	7277-1153	1/2	3/8	.070	100
G81900-0010	5/8" CS1154-50FT	7277-1154	5/8	3/8	.070	50
G81900-0012	3/4" CS1155-50FT	7277-1155	3/4	3/8	.070	50
G81900-0016	1" CS1156-50FT	7277-1156	1	5/8	.115	50
G81900-0022	1 3/8" CS1157-25FT	7277-1157	1 3/8	5/8	.115	25
G81900-0030	1 7/8" CS1158-25FT	7277-1158	1 7/8	5/8	.115	25

Plated Flat Armor Spring Guards

Description: How To Order Gates Spring Guards: In the selection charts on the following pages, find the proper Dash Number in far left-hand column, and move horizontally until you arrive in the vertical column headed by the appropriate hose description. At this point, you'll find the Part Number or Product Number for the recommended Spring Guard.
NOTE: For your convenience, both Selection Charts have been simplified. In some cases, it may be possible to use the next smaller spring guard. To check if this possible, compare O.D. of hose to I.D. of spring guard. Allow 1/32" for installation.
To order - Specify the Part/Product Number and the spring guard length desired (in feet).



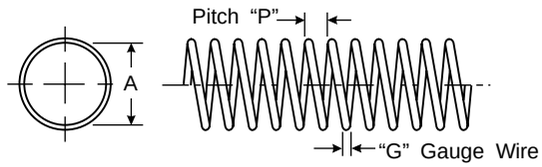
Part No.	Descr.	Prod. No.	A (In.) (+.015)	B (In.)	C (In.)	P (In.)	Std. Pack
G82801-0008	35/64" FSG-25FT	7277-0500	.550	.019	3/8	1/2	25
G82801-0009	21/32" FSG-25FT	7277-0501	.656	.019	3/8	1/2	25
G82801-0010	39/64" FSG-25FT	7277-0533	.609	.032	1/4	3/8	25
G82801-0011	22/32" FSG-25FT	7277-0502	.719	.019	3/8	1/2	25
G82801-0012	13/16" FSG-25FT	7277-0503	.812	.028	1/4	3/8	25
G82801-0013	51/64" FSG-25FT	7277-0534	.797	.032	3/8	1/2	25
G82801-0014	7/8" FSG-25FT	7277-0504	.875	.028	1/2	5/8	25
G82801-0015	61/64" FSG-25FT	7277-0505	.953	.028	1/2	5/8	25
G82801-0016	1" FSG-25FT	7277-0506	1.000	.028	1/2	5/8	25
G82801-0017	1 3/32" FSG-25FT	7277-0530	1.093	.028	1/2	5/8	25
G82801-0019	1 7/32" FSG-25FT	7277-0507	1.219	.028	1/2	5/8	25
G82801-0020	1 9/32" FSG-25FT	7277-0508	1.281	.028	1/2	5/8	25
G82801-0022	1 3/8" FSG-25FT	7277-0532	1.375	.028	1/2	5/8	25
G82801-0025	1 9/16" FSG-25FT	7277-0520	1.562	.028	1/2	5/8	25
G82801-0026	1 5/8" FSG-25FT	7277-0509	1.625	.028	1/2	5/8	25
G82801-0027	1 11/16" FSG-5FT	7277-0529	1.687	.028	1/2	5/8	25

Plated Flat Armor Spring Guards - Cont'd

Part No.	Descr.	Prod. No.	A (In.) (+.015)	B (In.)	C (In.)	P (In.)	Std. Pack
G82801-0028	1 51/64" FSG-15FT	7277-0525	1.797	.028	1/2	5/8	15
G82801-0029	1 27/32" FSG-15FT	7277-0531	1.844	.028	1/2	5/8	15
G82801-0033	2 3/32" FSG-10FT	7277-0527	2.093	.028	1/2	5/8	10
G82801-0037	2 11/32" FSG-5FT	7277-0528	2.343	.028	1/2	5/8	5
G82801-0046	2 7/8" FSG-5FT	7277-0526	2.875	.028	1/2	5/8	5

Plated Wire Spring Guards

Description: How To Order Gates Spring Guards: In the selection charts on the following pages, find the proper Dash Number in far left-hand column, and move horizontally until you arrive in the vertical column headed by the appropriate hose description. At this point, you'll find the Part Number or Product Number for the recommended Spring Guard.
NOTE: For your convenience, both Selection Charts have been simplified. In some cases, it may be possible to use the next smaller spring guard. To check if this possible, compare O.D. of hose to I.D. of spring guard. Allow 1/32" for installation.
To order - Specify the Part/Product Number and the spring guard length desired (in feet).



Part No.	Descr.	Prod. No.	A (In.) (+.015)	G (In.)	P (In.)	Std. Pack
G83801-0009	35/64" RSG-25FT	7277-0521	.550	14 (.080)	7/32	25
G83801-0010	49/64" RSG-25FT	7277-0510	.676	14 (.080)	7/32	25
G83801-0011	11/16" RSG-25FT	7277-0535	.682	16 (.065)	7/32	25
G83801-0012	47/64" RSG-25FT	7277-0511	.738	14 (.080)	7/32	25
G83801-0014	55/64" RSG-25FT	7277-0512	.852	14 (.080)	7/32	25
G83801-0015	59/64" RSG-25FT	7277-0513	.915	14 (.080)	7/32	25
G83801-0016	63/64" RSG-25FT	7277-0514	.977	14 (.080)	7/32	25
G83801-0017	1 3/64" RSG-25FT	7277-0515	1.040	14 (.080)	7/32	25
G83801-0018	1 1/8" RSG-25FT	7277-0522	1.122	14 (.080)	7/32	25
G83801-0020	1 9/32" RSG-25FT	7277-0516	1.278	11 (.120)	11/32	25
G83801-0021	1 11/32" RSG-25FT	7277-0517	1.340	11 (.120)	11/32	25
G83801-0025	1 37/64" RSG-25FT	7277-0518	1.578	11 (.120)	11/32	25
G83801-0026	1 5/8" RSG-25FT	7277-0519	1.625	11 (.120)	11/32	25
G83801-0029	1 27/32" RSG-10FT	7277-0524	1.847	14 (.080)	13/32	10
G83801-0034	2 1/8" RSG-7FT	7277-0548	2.120	11 (.120)	11/32	7
G83801-0040	2 7/64" RSG-7FT	7277-0523	2.112	14 (.080)	13/32	7

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
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ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Flat Armor Spring Guards (Zinc-Plated Carbon Steel) Selection Chart

HIGH AND MEDIUM PRESSURE HOSES

Dash Size	EFG6K G6K EFG5K G5K, CPS	12LW 16LW C12M	G2/G2H MCPB G2L G2AT-HMP	G1 G1H M2T®	M3K	G3H (C3H)	GTH (C6H)
-3	—	—	G82801-0010 7277-0533	G82801-0008 7277-0500	—	G82801-0010 7277-0533	G82801-0008 7277-0500
-4	—	—	G82801-0009 7277-0501	G82801-0010 7277-0533	G82801-0008 7277-0500	G82801-0010 7277-0533	G82801-0010 7277-0533
-5	—	—	—	G82801-0011 7277-0502	—	G82801-0011 7277-0502	G82801-0010 7277-0533
-6	—	—	G82801-0013 7277-0534	G82801-0013 7277-0534	G82801-0009 7277-0501	G82801-0013 7277-0534	G82801-0011 7277-0502
-8	—	G82801-0016 7277-0506	G82801-0015 7277-0505	G82801-0014 7277-0504	G82801-0012 7277-0503	G82801-0016 7277-0506	G82801-0012 7277-0503
-10	—	—	G82801-0017 7277-0530	G82801-0016 7277-0506	G82801-0017 7277-0530	—	G82801-0015 7277-0505
-12	—	G82801-0020 7277-0508	G82801-0019 7277-0507	G82801-0019 7277-0507	G82801-0019 7277-0507	G82801-0022 7277-0507	G82801-0019 7277-0532
-14	—	—	—	—	G82801-0025 7277-0520	—	—
-16	G82801-0011 7277-0520	G82801-0025 7277-0520	G82801-0025 7277-0520	G82801-0025 7277-0520	—	G82801-0026 7277-0509	G82801-0025 7277-0520
-20	G82801-0033 7277-0527	G82801-0033 7277-0527	G82801-0033 7277-0527	G82801-0029 7277-0531	—	G82801-0029 7277-0531	—
-24	G82801-0037 7277-0528	G82801-0037 7277-0528	G82801-0037 7277-0528	G82801-0033 7277-0527	—	—	—
-32	G82801-0046 7277-0526	G82801-0046 7277-0526	G82801-0046 7277-0526	G82801-0046 7277-0526	—	—	—

LOW PRESSURE & SPECIALTY HOSES

Dash Size	RLA	C5C, C5D	C5E	GMV G4H	RLC	LOC LOL	GT7 GT7NC GT8 GT8NC
-3	G82801-0008 7277-0500	—	—	—	—	G82801-0008 7277-0500	G82801-0008 7277-0500
-4	G82801-0010 7277-0533	G82801-0010 7277-0533	G82801-0008 7277-0500	—	—	G82801-0008 7277-0500	G82801-0008 7277-0500
-5	G82801-0009 7277-0501	G82801-0009 7277-0501	G82801-0010 7277-0533	—	—	G82801-0009 7277-0501	G82801-0010 7277-0533
-6	G82801-0011 7277-0502	G82801-0013 7277-0534	G82801-0009 7277-0501	—	—	G82801-0013 7277-0534	G82801-0011 7277-0502
-8	G82801-0014 7277-0504	G82801-0012 7277-0503	G82801-0013 7277-0534	—	—	G82801-0013 7277-0534	G82801-0014 7277-0504
-10	G82801-0016 7277-0506	G82801-0016 7277-0506	G82801-0014 7277-0504	—	—	G82801-0016 7277-0506	—
-12	G82801-0019 7277-0507	G82801-0019 7277-0507	G82801-0016 7277-0506	G82801-0022 7277-0532	—	G82801-0017 7277-0530	G82801-0019 7277-0507
-16	G82801-0025 7277-0520	G82801-0022 7277-0532	G82801-0020 7277-0508	G82801-0026 7277-0509	G82801-0028 7277-0525	—	G82801-0022 7277-0532
-18-	—	—	—	—	G82801-0029 7277-0531	—	—
-20	—	G82801-0025 7277-0520	—	G82801-0033 7277-0527	G82801-0033 7277-0527	—	—
-24	—	G82801-0028 7277-0525	—	G82801-0037 7277-0528	G82801-0037 7277-0528	—	—
-28	—	—	—	—	G82801-0046 7277-0526	—	—
-32	—	G82801-0037 7277-0528	—	G82801-0046 7277-0526	G82801-0046 7277-0526	—	—

Plated Wire Spring Guards (Zinc-Plated Carbon Steel) Selection Chart

HIGH AND MEDIUM PRESSURE HOSES

Dash Size	EFG6K G6K EFG5K G5K, CPS	12LW 16LW C12M	G2 G2H MCPB, G2L G2AT-HMP	G1 G1H M2T®	M3K	G3H (C3H)	GTH (C6H)
-3	—	—	G83801-0010 7277-0510	G83801-0009 7277-0521	—	G83801-0009 7277-0521	G83801-0009 7277-0521
-4	—	—	G83801-0010 7277-0510	G83801-0009 7277-0521	G83801-0009 7277-0521	G83801-0010 7277-0510	G83801-0009 7277-0521
-5	—	—	—	G83801-0010 7277-0510	—	G83801-0012 7277-0511	G83801-0010 7277-0510
-6	—	—	G83801-0014 7277-0512	G83801-0012 7277-0511	G83801-0010 7277-0510	G83801-0014 7277-0512	G83801-0010 7277-0510
-8	—	G83801-0016 7277-0514	G83801-0015 7277-0513	G83801-0015 7277-0513	G83801-0014 7277-0512	G83801-0016 7277-0514	G83801-0014 7277-0512
-10	—	—	G83801-0018 7277-0522	G83801-0017 7277-0515	G83801-0018 7277-0522	—	G83801-0016 7277-0514
-12	—	G83801-0020 7277-0516	G83801-0020 7277-0516	G83801-0020 7277-0516	G83801-0020 7277-0516	G83801-0021 7277-0517	G83801-0018 7277-0522
-16	G83801-0029 7277-0524	G83801-0025 7277-0518	G83801-0025 7277-0518	G83801-0025 7277-0518	G83801-0029 7277-0524	G83801-0025 7277-0518	—
-20	—	G83801-0040 7277-0523	G83801-0040 7277-0523	G83801-0029 7277-0524	—	G83801-0029 7277-0524	—
-24	—	—	G83801-0040 7277-0523	G83801-0040 7277-0523	—	—	—

LOW PRESSURE AND SPECIALTY HOSES

Dash Size	RLA	C5C, C5D	C5E	GMV G4H	RLC	LOC, LOL	GT7, GT7NC, GT8, GT8NC
-3	G83801-0009 7277-0521	—	—	—	—	G83801-0009 7277-0521	G83801-0009 7277-0521
-4	G83801-0009 7277-0521	G83801-0010 7277-0510	G83801-0009 7277-0521	—	—	G83801-0009 7277-0521	G83801-0009 7277-0521
-5	G83801-0010 7277-0510	G83801-0010 7277-0510	G83801-0010 7277-0510	—	—	G83801-0010 7277-0510	G83801-0010 7277-0510
-6	G83801-0012 7277-0511	G83801-0012 7277-0511	G83801-0010 7277-0510	—	—	G83801-0011 7277-0535	G83801-0010 7277-0510
-8	G83801-0014 7277-0512	G83801-0014 7277-0512	G83801-0014 7277-0512	—	—	G83801-0014 7277-0512	G83801-0014 7277-0512
-10	G83801-0016 7277-0514	G83801-0016 7277-0514	G83801-0015 7277-0513	—	—	G83801-0016 7277-0514	—
-12	G83801-0018 7277-0522	G83801-0018 7277-0522	G83801-0017 7277-0515	—	—	G83801-0018 7277-0522	G83801-0018 7277-0522
-16	G83801-0025 7277-0518	G83801-0020 7277-0516	G83801-0020 7277-0516	—	G83801-0029 7277-0524	—	G83801-0025 7277-0518
-18	—		—		G83801-0029 7277-0524	—	—
-20	—	G83801-0025 7277-0518	—	G83801-0029 7277-0524	G83801-0040 7277-0523	—	
-24	—	G83801-0029 7277-0524	—	—	—	—	—

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

HeatGuard® Protective Sheathing

Description: Best of all, HeatGuard can pay for itself in reduced replacement and maintenance costs. It is available in two grades - HeatGuard and HeatGuard Hi-Temp. Contact Hose Product Application for details.
HeatGuard is a completely not-asbestos, heat-resistant, protective sleeving. Its special silicone coating can also withstand a broad range of solvents and fuels. It goes on easily over most hoses and couplings, with only hose clamps or wire ties required for fastening.

Temperature Range: HeatGuard Hi-Temp is knitted, coated fiberglass; meets SAE AS1072A specification; temperature range: -65°F to +500°F (-54°C to +260°C) for continuous exposure.

Part No.	Descr.	Prod. No.	I.D. (In.)	Std. Pack
G81100-0004	HTG-4	7277-1571	.25	50
G81100-0005	HTG-5	7277-1572	.31	50
G81100-0006	HTG-6	7277-1573	.38	50
G81100-0007	HTG-7	7277-1574	.44	50
G81100-0008	HTG-8	7277-1575	.50	50
G81100-0009	HTG-9	7277-1576	.56	50
G81100-0010	HTG-10	7277-1577	.62	50
G81100-0011	HTG-11	7277-1578	.69	50
G81100-0012	HTG-12	7277-1579	.75	50
G81100-0013	HTG-13	7277-1580	.81	50
G81100-0014	HTG-14	7277-1581	.88	50
G81100-0015	HTG-15	7277-1582	.94	50
G81100-0016	HTG-16	7277-1196	1.00	50
G81100-0018	HTG-18	7277-1197	1.12	50
G81100-0020	HTG-20	7277-1583	1.25	50
G81100-0022	HTG-22	7277-1584	1.38	50
G81100-0024	HTG-24	7277-1585	1.50	50
G81100-0026	HTG-26	7277-1586	1.62	50
G81100-0028	HTG-28	7277-1587	1.75	50
G81100-0030	HTG-30	7277-1588	1.88	50
G81100-0032	HTG-32	7277-1589	2.00	50
G81100-0034	HTG-34	7277-1590	2.12	50
G81100-0036	HTG-36	7277-1591	2.25	50
G81100-0038	HTG-38	7277-1592	2.38	50
G81100-0040	HTG-40	7277-1593	2.50	50
G81100-0044	HTG-44	7277-1595	2.00	50
G81100-0056	HTG-56	7277-1600	3.00	50
G81100-0064	HTG-64	7277-1602	4.00	50

HeatGuard® High-Temp Protective Sheathing

Description: Best of all, HeatGuard can pay for itself in reduced replacement and maintenance costs. It is available in two grades - HeatGuard and HeatGuard Hi-Temp. Contact Hose Product Application for details.
HeatGuard is a completely not-asbestos, heat-resistant, protective sleeving. Its special silicone coating can also withstand a broad range of solvents and fuels. It goes on easily over most hoses and couplings, with only hose clamps or wire ties required for fastening.

Temperature Range: HeatGuard Hi-Temp is knitted, coated fiberglass; meets SAE AS1072A specification; temperature range: -65°F to +500°F (-54°C to +260°C) for continuous exposure.

Part No.	Descr.	Prod. No.	Std. Pack
G81101-0024	24-HTGH	7277-1611	50
G81101-0028	28-HTGH	7277-1612	50
G81101-0034	34-HTGH	7277-1613	50
G81101-0052	52-HTGH	7277-1616	50

HeatGuard™ Selection Chart

Dash Size	C5C, C5D. C5M	C5E	G1	G2	M3K	M2T, M4K, M5K, M6K	C12M, G4K	C12, G3K	G5K, G6K	GMV	C14/C14NC
2			HTG-12	HTG-12							
4	HTG-12	HTG-12	HTG-12	HTG-14	HTG-12	HTG-12					HTG-8
5	HTG-14	HTG-14	HTG-14		HTG-14						HTG-10
6	HTG-16		HTG-16	HTG-16	HTG-14	HTG-16	HTG-16		HTG-16		HTG-12
8	HTG-16	HTG-16	HTG-18	HTG-18	HTG-16	HTG-16	HTG-18		HTG-18		HTG-14
10	HTG-18	HTG-18	HTG-18	HTG-18	HTG-18	HTG-18			HTG-22		HTG-14
12	HTG-22	HTG-18	HTG-22	HTG-22	HTG-22	HTG-22	HTG-24		HTG-24	HTG-24	HTG-46
16	HTG-24	HTG-24	HTG-26	HTG-28	HTG-28	HTG-26	HTG-28		HTG-28	HTG-28	HTG-20
20	HTG-28	HTG-28	HTG-32	HTG-34			HTG-32		HTG-32	HTG-32	
24	HTG-32		HTG-36	HTG-38				HTG-38	HTG-40	HTG-36	
32	HTG-38		HTG-44	HTG-48				HTG-44	HTG-48	HTG-44	
36	HTG-50									HTG-48	
40										HTG-52	
48										HTG-60	

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
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ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

LifeGuard®

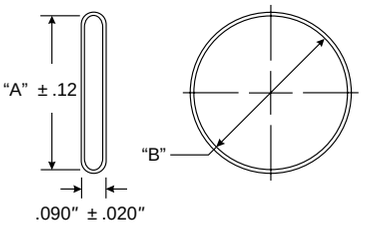
Part No.	Descr.	Prod. No.	Std. Pack
G81102-0014	LG14	7277-1850	150
G81102-0016	LG16	7277-1851	150
G81102-0020	LG20	7277-1852	150
G81102-0026	LG26	7277-1854	150

Nylon Protective Sleeve

Do not use the Nylon Sleeve where ambient temperatures exceed 250°F.

Description: Gates Nylon Sleeves perform a dual role: (1) they provide excellent abrasion resistance to protect individual hoses; and (2) they ca be used to bundle several hose assemblies together for maximum protection. Downtime and maintenance costs are reduced. These Nylon Sleeves are unique because they form an extra protective layer against abrasive forces. Specifically, thousands of tiny Nylon filaments, woven into the texturized yarn, “friz” into a self-renewing shield that is extremely resistant to severe abrasion. This nylon sleeving has MSHA flame-resistance approval. Add 1/8" for installation.

Determining the Size of a Sleeve
B = Nominal I.D. = “A” x 2 ÷ 3.14



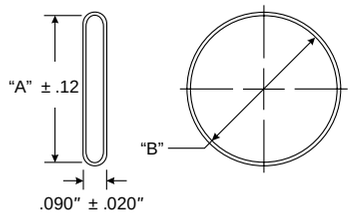
Part No.	Descr.	Prod. No.	"A" Inside Flat (In.)	"B" Sleeve I.D. (In.)	Std. Pack
G81800-0010	HG-10	7277-1067	1.07	.68	300
G81800-0014	HG-14	7277-1010	1.42	.90	300
G81800-0016	HG-16	7277-1011	1.67	1.06	300
G81800-0020	HG-20	7277-1012	1.92	1.22	300
G81800-0024	HG-24	7277-1013	2.24	1.42	300
G81800-0026	HG-26	7277-1377	2.50	1.59	300
G81800-0028	HG-28	7277-1014	2.85	1.81	300
G81800-0032	HG-32	7277-1015	3.44	2.19	300
G81800-0038	HG-38	7277-1016	3.74	2.38	300
G81800-0042	HG-42	7277-1018	4.12	2.62	300
G81800-0046	HG-46	7277-1024	4.53	2.88	300
G81800-0064	HG-64	7277-1276	6.91	4.40	100
G81801-0014	HG 14 X25FT	7277-1278	1.42	.90	25
G81801-0016	HG 16 X25FT	7277-1279	1.67	1.06	25
G81801-0020	HG 20 X25FT	7277-1280	1.92	1.22	25
G81801-0024	HG 24 X25FT	7277-1281	2.24	1.42	25
G81801-0026	HG 26X25FT	7277-1378	2.50	1.59	25
G81801-0028	HG 28 X25FT	7277-1282	2.85	1.81	25

Nylon Protective Sleeve - Cont'd

Part No.	Descr.	Prod. No.	"A" Inside Flat (In.)	"B" Sleeve I.D. (In.)	Std. Pack
G81801-0032	HG 32 X25FT	7277-1283	3.44	2.19	25
G81801-0038	HG 38 X25FT	7277-1284	3.74	2.38	25

NOTE: Be sure to heat the cut edges of the Nylon Hose Sleeve. You may have to use a banded clamp or nylon tie to fasten the sleeve securely.

Determining the Size of a Sleeve
B = Nominal I.D. = "A" x 2 ÷ 3.14



Desc.	"A" Inside Flat (In.)	"B" Sleeve I.D. (In.)	25' Package Part No.	300' Package* Part No.	300' Package* Product No.
HG10	1.07	.68	–	G81800-0010	7277-1067
HG14	1.42	.90	G81801-0014	G81800-0014	7277-1010
HG16	1.67	1.06	G81801-0016	G81800-0016	7277-1011
HG20	1.92	1.22	G81801-0020	G81800-0020	7277-1012
HG24	2.24	1.42	G81801-0024	G81800-0024	7277-1013
HG26	2.50	1.59	G81801-0026	G81800-0026	7277-1377
HG28	2.85	1.81	G81801-0028	G81800-0028	7277-1014
HG32	3.44	2.19	G81801-0032	G81800-0032	7277-1015
HG38	3.74	2.38	G81801-0038	G81800-0038	7277-1016
HG42	4.12	2.62	—	G81800-0042	7277-1018
HG46	4.53	2.88	—	G81800-0046	7277-1024
HG64	6.91	4.40	—	—	7277-1276

300' package contains a maximum of three pieces.

Nylon Sleeve Covering Hydraulic Assembly

Be sure to heat the cut edges of the Nylon Hose Sleeve. You may have to use a banded clamp or nylon tie to fasten the sleeve securely.

NOTE: Do not use the Nylon Sleeve where ambient temperatures exceed 250°F.

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
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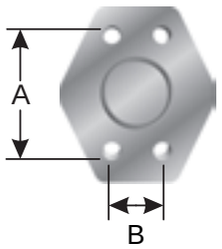
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

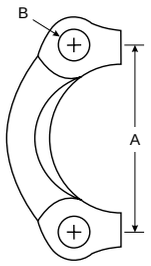
Code 61 Flange Cap



Part No.	Descr.	Prod. No.	Nom. Flg. Size	A (In.)	B (In.)	Std. Pack
G60897-0012	12FL-CAP	7253-66115	3/4	1.88	.41	1
G60897-0016	16FL-CAP	7253-66125	1	2.06	.41	1
G60897-0020	20FL-CAP	7253-66135	1 1/4	2.31	.47	1
G60897-0024	24FL-CAP	7253-66145	1 1/2	2.75	.53	1
G60897-0032	32FL-CAP	7253-66155	2	3.06	.53	1

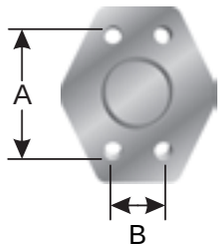
Flange Half Sets (Code 61 - SAE J518)

Each set contains 2 flange halves, 1 O-Ring and 4 bolts (Grade 8) with lock washers.



Part No.	Descr.	Prod. No.	Nom. Flg. Size	A (In.)	B (In.)	Std. Pack
G60899-0008	8CFHS	7253-07015	1/2	1.50	.34	1
G60899-0012	12CFHS	7253-07025	3/4	1.88	.41	1
G60899-0016	16CFHS	7253-07035	1	2.06	.41	1
G60899-0020	20CFHS	7253-07045	1 1/4	2.31	.47	1
G60899-0024	24CFHS	7253-07055	1 1/2	2.75	.53	1
G60899-0032	32CFHS	7253-07065	2	3.06	.53	1
G60899-0040	40CFHS	7253-01305	2 1/2	3.50	.54	1
G60899-0048	48CFHS	7253-01315	3	4.19	.66	1
G60899-0056	56CFHS	7253-01325	3 1/2	4.75	.66	1
G60899-0064	64CFHS	7253-01335	4	4.75	.66	1

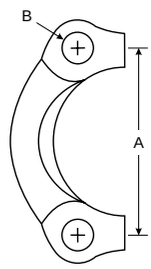
Code 62 Flange Cap



Part No.	Descr.	Prod. No.	Nom. Flg. Size	A (In.)	B (In.)	Std. Pack
G60927-0012	12FLH-CAP	7253-66165	3/4	2.00	.41	1
G60927-0016	16FLH-CAP	7253-66175	1	2.25	.47	1
G60927-0020	20FLH-CAP	7253-66185	1 1/4	2.63	.53	1
G60927-0024	24FLH-CAP	7253-66195	1 1/2	3.13	.66	1
G60927-0032	32FLH-CAP	7253-66205	2	3.81	.78	1

Flange Half Sets (Code 62 - SAE J518)

Each set contains 2 flange halves, 1 O-Ring and 4 bolts (Grade 8) with lock washers.



Part No.	Descr.	Prod. No.	Nom. Flg. Size	A (In.)	B (In.)	Std. Pack
G60929-0008	8FHHS	7253-09775	1/2	1.55	.34	1
G60929-0012	12FHHS	7253-09785	3/4	2.00	.41	1
G60929-0016	16FHHS	7253-09795	1	2.25	.47	1
G60929-0020	20FHHS	7253-09805	1 1/4	2.63	.53	1
G60929-0024	24FHHS	7253-09815	1 1/2	3.13	.66	1
G60929-0032	32FHHS	7253-09825	2	3.81	.78	1

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
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POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
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QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
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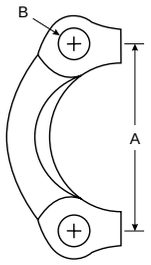
Caterpillar-Style Flange Half Sets

Each set contains 2 flange halves, 1 O-Ring and 4 bolts (Grade 8) with lock washers.



Part No.	Descr.	Prod. No.	Nom. Flg. Size	A (In.)	B (In.)	Std. Pack
G60959-0012	12CATFHS	7253-37025	3/4	2.00	.41	1
G60959-0016	16CATFHS	7253-37035	1	2.25	.47	1
G60959-0020	20CATFHS	7253-37045	1 1/4	2.63	.53	1
G60959-0024	24CATFHS	7253-37055	1 1/2	3.13	.66	1
G60959-0032	32CATFHS	7253-37065	2	3.81	.78	1

O-Rings for Straight Thread Boss Fittings

90 Durometer Hardness.

Part No.	Descr.	Prod. No.	I.D. (In.)	Wall (In.)	Std. Pack
G60248-0003	3 O-RING	7254-0003	19/64	—	10
G60248-0004	4 O-RING	7254-0004	11/32	—	10
G60248-0005	5 O-RING	7254-0005	13/32	—	10
G60248-0006	6 O-RING	7254-0006	15/32	—	10
G60248-0008	8 O-RING	7254-0008	41/64	—	10
G60248-0010	10 O-RING	7254-0010	3/4	—	10
G60248-0012	12 O-RING	7254-0012	59/64	—	10
G60248-0014	14 O-RING	7254-0014	1 3/64	—	10
G60248-0016	16 O-RING	7254-0016	1 11/64	—	10
G60248-0020	20 O-RING	7254-0020	1 15/32	—	10

O-Rings for Flat-Face Fittings

Caution: These O-Rings are compounded from a Nitrile polymer for use with petroleum-base hydraulic fluids, water and glycol and oil-water emulsions.DO NOT USE these O-Rings with phosphate esters, diesters or phosphate ester emulsion hydraulic fluids. Instead, use O-Rings made of Viton, EPDM or CPE polymers or other materials compatible with the fluids.

90 Durometer Hardness.

Part No.	Descr.	Prod. No.	Ref. Coupling Size (In.)	Arp. No.	Std. Pack
G60698-0004	4 O-RING FF	7254-0125	1/4	011	10
G60698-0006	6 O-RING FF	7254-0126	3/8	012	10
G60698-0008	8 O-RING FF	7254-0127	1/2	014	10
G60698-0010	10 O-RING FF	7254-0128	5/8	016	10
G60698-0012	12 O-RING FF	7254-0129	3/4	018	10
G60698-0016	16 O-RING FF	7254-0130	1	021	10
G60698-0020	20 O-RING FF	7254-0131	1 1/4	025	10
G60698-0024	24-ORFF	7254-0132	1 1/2	029	10

NOTE: Standard O-Ring number.

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HOSE/CPLG. SELECTION
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PCS COUPLINGS
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STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
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BALL VALVES
KITS

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PCM COUPLINGS
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KITS

O-Rings for Code 61, Code 62, and Caterpillar-Style Flange Fittings

90 Durometer Hardness.

Part No.	Descr.	Prod. No.	I.D. (In.)	Wall (In.)	Std. Pack
G60898-0008	8 FLANGE O-RING	7254-0001	3/4	—	10
G60898-0010	10 FLANGE O-RING	7254-0142	55/64	—	10
G60898-0012	12 FLANGE O-RING	7254-0007	1	—	10
G60898-0016	16 FLANGE O-RING	7254-0009	1 5/16	—	10
G60898-0020	20 FLANGE O-RING	7254-0011	1 1/2	—	10
G60898-0024	24 FLANGE O-RING	7254-0013	1 7/8	—	10
G60898-0032	32 FLANGE O-RING	7254-0015	2 1/4	—	10
G60898-0048	48 FLANGE O-RING	7254-0134	3 3/8	—	10
G60898-0056	56 FLANGE O-RING	7254-0135	3 7/8	—	10
G60898-0064	64 FLANGE O-RING	7254-0136	4 3/8	—	10

O-Rings for British Standard Parallel Pipe (BSPP Couplings)

70 Durometer Hardness.

Part No.	Descr.	Prod. No.	I.D. (mm)	Wall (mm)	Std. Pack
G64095-0004	4 O-RING FBSPP	7254-1166	6.5	—	10
G64095-0006	6 O-RING FBSPP	7254-1154	7.1	—	10
G64095-0008	8 O-RING FBSPP	7254-1157	11.1	—	10
G64095-0010	10 O-RING FBSPP	7254-1159	12.1	—	10
G64095-0012	12 O-RING FBSPP	7254-1162	17.1	—	10
G64095-0016	16 O-RING FBSPP	7254-1164	22.1	—	10
G64095-0020	20 O-RING FBSPP	7254-1165	27.1	—	10

O-Rings for DIN Light & Heavy Series (MegaCrimp® and GlobalSpiral™ Couplings)

70 Durometer Hardness.

Part No.	Descr.	Prod. No.	I.D. (mm)	Wall (mm)	Std. Pack
G64780-0018	18 O-RING DIN L	7254-0201	15.0	—	10
G64780-0022	22 O-RING DIN L	7254-0202	20.0	—	10
G64780-0028	28 O-RING DIN L	7254-0203	26.0	—	10
G64780-0035	35 O-RING DIN L	7254-0204	32.0	—	10
G64780-0042	42 O-RING DIN L	7254-0205	38.0	—	10
G64781-0006	6 O-RING DIN H	7254-0206	4.0	—	10
G64781-0008	8 O-RING DIN H	7254-0207	6.0	—	10
G64781-0010	10 O-RING DIN H	7254-0208	7.5	—	10
G64781-0012	12 O-RING DIN H	7254-0209	9.0	—	10
G64781-0014	14 O-RING DIN H	7254-1132	10.0	—	10
G64781-0016	15/16 O-RING DIN L/H	7254-0200	12.0	—	10
G64781-0020	20 O-RING DIN H	7254-0210	16.3	—	10
G64781-0025	25 O-RING DIN H	7254-0211	20.3	—	10
G64781-0030	30 O-RING DIN H	7254-0212	25.3	—	10
G64781-0038	38 O-RING DIN H	7254-0213	33.3	—	10

NOTE: ORDH works for both DIN light and DIN heavy, unless otherwise noted.

O-Rings for DIN Heavy Series (PC, PCM & PCS Couplings)

70 Durometer Hardness.

Part No.	Descr.	Prod. No.	I.D. (mm)	Wall (mm)	Std. Pack
G64782-0008	8 O-RING DIN H	7254-0154	6.0	—	10
G64782-0010	10 O-RING DIN H	7254-0151	7.1	—	10
G64782-0012	12 O-RING DIN H	7254-0153	9.1	—	10
G64782-0014	14 O-RING DIN H	7254-0150	10.5	—	10
G64782-0016	16 O-RING DIN H	7254-0149	11.9	—	10
G64782-0020	20 O-RING DIN H	7254-0152	16.6	—	10
G64782-0025	25 O-RING DIN H	7254-0144	21.6	—	10
G64782-0030	30 O-RING DIN H	7254-0146	27.6	—	10
G64782-0038	38 O-RING DIN H	7254-0145	34.6	—	10

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
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SURELOK
HOSE CUTTERS & TOOLS
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BALL VALVES
KITS

Notes

Male BSPP to Male BSPP

Part No.	Descr.	Prod. No.	Std. Pack
G93345-0808	8BSPP-8BSPP-LX	7252-12415	1
G93345-1212	12BSPP-12BSPP-LX	7252-12425	1
G93345-1616	16BSPP-12BSPP-LX	7252-12435	1

Male JIC to Male JIC

Part No.	Descr.	Prod. No.	Std. Pack
G93410-0606	6MJ-6MJ-LX	7252-12345	1
G93410-0808	8MJ-8MJ-LX	7252-12355	1
G93410-1212	12MJ-12MJ-LX	7252-12365	1
G93410-1616	16MJ-16MJ-LX	7252-12375	1
G93410-2020	20MJ-20MJ-LX	7252-12385	1
G93410-2424	24MJ-24MJ-LX	7252-12395	1
G93410-3232	32MJ-32MJ-LX	7252-12405	1

Male JIC to Female Boss

Part No.	Descr.	Prod. No.	Std. Pack
G93450-0808	8MJ-8FJ/FB-LX	7252-12285	1
G93450-1212	12MJ-12FJ/FB-LX	7252-12295	1
G93450-1616	16MJ-16FJ/FB-LX	7252-12305	1
G93450-2020	20MJ-20FJ/FB-LX	7252-12315	1
G93450-2424	24MJ-24FJ/FB-LX	7252-12325	1
G93450-3232	32MJ-32FJ/FB-LX	7252-12335	1

EQUIPMENT
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PCS COUPLINGS
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STAINLESS STEEL
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JIC Seal Kit

Part No.	Descr.	Prod. No.	Std. Pack
G93500-0006	6JIC SWIVEL SEAL KIT	7252-12155	1
G93500-0008	8JIC SWIVEL SEAL KIT	7252-12165	1
G93500-0012	12JIC SWIVEL SEAL KIT	7252-12175	1
G93500-0016	16JIC SWIVEL SEAL KIT	7252-12185	1
G93500-0020	20 JIC SWIVEL SEAL KIT	7252-12195	1
G93500-0024	24JIC SWIVEL SEAL KIT	7252-12205	1
G93500-0032	32JIC SWIVEL SEAL KIT	7252-12215	1

Male JIC to Female Pipe

Part No.	Descr.	Prod. No.	Std. Pack
G93510-0808	8MJ-8FP-LX	7252-12255	1
G93510-1212	12MJ-12FP-LX	7252-12265	1
G93510-1616	16MJ-16FP-LX	7252-12275	1

ORS Seal Kit

Part No.	Descr.	Prod. No.	Std. Pack
G93600-0012	12ORS LIVE SWIVEL SEAL KIT	7252-12235	1
G93600-0016	16ORS LIVE SWIVEL SEAL KIT	7252-12245	1

ORS/BSPP Seal Kit

Part No.	Descr.	Prod. No.	Std. Pack
G93700-0008	8ORS/8BSPP LIVE SWVL SEAL KIT	7252-12225	1

Male ORFS to Female ORFS

Part No.	Descr.	Prod. No.	Std. Pack
G93724-1212	12MFFOR-12FFORX-LX	7252-12445	1
G93724-1616	16MFFOR-16FFORX-LX	7252-12455	1

Male ORFS to Male ORFS

Part No.	Descr.	Prod. No.	Std. Pack
G93742-0808	8MFFOR-8MFFOR-LX	7252-12465	1
G93742-1212	12MFFO-12MFFOR-LX	7252-12475	1
G93742-1616	16MFFOR-16MFFO-LX	7252-12485	1

EQUIPMENT
HOSE/CPLG. SELECTION
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PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
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AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Ball Valve to Female Pipe

Part No.	Descr.	Prod. No.			
G94011-0404	4MQBA-4FP	7252-89315	1/4-18	4000	12000
G94011-0606	6MQBA-6FP	7252-89345	3/8-18	3000	9000
G94011-0808	8MQBA-8FP	7252-89325	1/2-14	3000	10500
G94011-0812	8MQBA-12FP	7252-89305	1/2-14	3000	10500
G94011-1212	12MQBA-12FP	7252-89685	3/4-14	4000	11000

Male Ball Valve to Female O-Ring Boss

Part No.	Descr.	Prod. No.			
G94012-0808	8MQBA-8FB	7252-89335	3/4-16	3000	10500

Female Ball Valve To Female Pipe

Part No.	Descr.	Prod. No.			
G94021-0404	4FQBA-4FP	7252-89415	1/4-18	4000	12000
G94021-0606D	6FQBADA-6FP	7252-89695	3/8-18	3000	9000
G94021-0808	8FQBA-8FP	7252-89425	1/2-14	3000	10500
G94021-0808D	8FQBADA-8FP	7252-89445	1/2-14	3000	10500
G94021-0812D	8FQBADA-12FP	7252-89705	1/2-14	3000	10500
G94021-1212	12FQBA-12FP	7252-89715	3/4-14	4000	11000

Female Ball Valve To Female O-Ring Boss

Part No.	Descr.	Prod. No.			
G94022-0808	8FQBA-8FB	7252-89435	3/4-16	3000	10500

O-Ring

Part No.	Descr.	Prod. No.
G94025-0004	4QDAOR	7252-59415
G94025-0006	6QDAOR	7252-59695
G94025-0008	8QDAOR	7252-59425
G94025-0012	12QDAOR	7252-59715

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

QD Plug/Cap Combination

Part No.	Descr.	Prod. No.
G94081-0004	4QDADP/C	7252-87685
G94081-0006	6QDADP/C	7252-87695
G94081-0008	8QDADP/C	7252-87705

Male Poppet Valve to Female Pipe

Part No.	Descr.	Prod. No.			
G94111-0404	4MQPA-4FP	7252-89725	1/4-18	3000	12000
G94111-0606	6MQPA-6FP	7252-89735	3/8-18	3000	12000
G94111-0808	8MQPA-8FP	7252-89365	1/2-14	4000	16000
G94111-1616	16MQPA-16FP	7252-89745	1-11 1/2	3000	12000

Female Poppet Valve to Female Pipe

Part No.	Descr.	Prod. No.			
G94121-0404	4FQPA-4FP	7252-89755	1/4-18	3000	12000
G94121-0606	6FQPA-6FP	7252-89765	3/8-18	3000	12000
G94121-0808	8FQPA-8FP	7252-89775	1/2-14	4000	16000
G94121-1616	16FQPA-16FP	7252-89785	1-11 1/2	3000	12000

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Ball Valve to Female Pipe

Part No.	Descr.	Prod. No.		
G94211-0808	8MQBAJD-8FP	7252-89355	1/2-14	3000

Male Ball Valve to Female O-Ring Boss

Part No.	Descr.	Prod. No.		
G94212-0808	8MQBAJD-8FB	7252-89375	3/4-16	3000

Female Ball Valve to Female Pipe

Part No.	Descr.	Prod. No.		
G94221-0808	8FQBAJD-8FP	7252-89455	1/2-14	3000

Male Tip - Ball Valve to Female Pipe

Part No.	Descr.	Prod. No.		
G94311-0808	8MQBAIHC-8FP	7252-89385	1/2-14	2500

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Tip - Ball Valve to Female Pipe

Part No.	Descr.	Prod. No.		
G94411-0808	8MQBAJIC-8FP	7252-89395	1/2-14	3000

Male Poppet Valve to Female Pipe

Part No.	Descr.	Prod. No.			
G94511-0404	4MQPI-4FP	7252-89015	1/4-18	7500	30000
G94511-0606	6MQPI-6FP	7252-89025	3/8-18	5000	20000
G94511-0808	8MQPI-8FP	7252-89035	1/2-14	5000	20000
G94511-1212	12MQPI-12FP	7252-89045	3/4-14	4000	16000
G94511-1616	16MQPI-16FP	7252-89055	1-11 1/2	4000	16000

Female Poppet Valve to Female Pipe

Part No.	Descr.	Prod. No.			
G94521-0404	4FQPI-4FP	7252-89115	1/4-18	7500	30000
G94521-0606	6FQPI-6FP	7252-89125	3/8-18	5000	20000
G94521-0808	8FQPI-8FP	7252-89135	1/2-14	5000	20000
G94521-1212	12FQPI-12FP	7252-89145	3/4-14	4000	16000
G94521-1616	16FQPI-16FP	7252-89155	1-11 1/2	4000	16000

O-Ring

Caution: These O-Rings are compounded from a Nitrile polymer for use with petroleum-base hydraulic fluids, water and glycol and oil-water emulsions.DO NOT USE these O-Rings with phosphate esters, diesters or phosphate ester emulsion hydraulic fluids. Instead, use O-Rings made of Viton, EPDM or CPE polymers or other materials compatible with the fluids.

90 Durometer Hardness.

Part No.	Descr.	Prod. No.
G94525-0004	4QDIOR	7252-59115
G94525-0006	6QDIOR	7252-59125
G94525-0008	8QDIOR	7252-59135
G94525-0012	12QDIOR	7252-59145

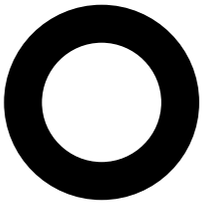
EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

O-Ring - Cont'd

Part No.	Descr.	Prod. No.
G94525-0016	16QDIOR	7252-59155

Backup Ring



Part No.	Descr.	Prod. No.
G94526-0004	4QDIBR	7252-49115
G94526-0006	6QDIBR	7252-49125
G94526-0008	8QDIBR	7252-49135
G94526-0012	12QDIBR	7252-49145
G94526-0016	16QDIBR	7252-49155

QD Plug/Cap Combination

Part No.	Descr.	Prod. No.
G94581-0004	4QDIDP/C	7252-87005
G94581-0006	6QDIDP/C	7252-87595
G94581-0008	8QDIDP/C	7252-87605
G94581-0012	12QDIDP/C	7252-87615
G94581-0016	16QDIDP/C	7252-87625

Male Flush Face Valve to Female Pipe

Part No.	Descr.	Prod. No.			
G94911-0404	4MQFF-4FP	7252-87015	1/4-18	3000	12000
G94911-0606	6MQFF-6FP	7252-88005	3/8-18	3000	12000
G94911-0608	6MQFF-8FP	7252-88015	3/8-14	3000	12000
G94911-0808	8MQFF-8FP	7252-87025	1/2-14	3000	12000
G94911-0808P	8CPMQFF-8FP*	7252-87435	1/2-14	3000	12000
G94911-1212	12MQFF-12FP	7252-87035	3/4-14	3000	12000
G94911-1616	16MQFF-16FP	7252-87045	1-11 1/2	3000	12000

** Connect-under-pressure coupler.*

Male Flush Face Valve to Female O-Ring Boss

Part No.	Descr.	Prod. No.			
G94912-0404	4MQFF-4FB	7252-87055	7/16-20	3000	12000
G94912-0608	6MQFF-8FB	7252-88025	3/4-16	3000	12000
G94912-0808	8MQFF-8FB	7252-87065	3/4-16	3000	12000
G94912-0808P	8CPMQFF-8FB*	7252-87445	3/4-16	3000	12000
G94912-0810P	8CPMQFF-10FB*	7252-87455	7/8-14	3000	12000
G94912-0812	8MQFF-12FB	7252-87075	1 1/16-12	3000	12000
G94912-0812P	8CPMQFF-12FB*	7252-87465	7/8-14	3000	12000
G94912-1012	10MQFF-12FB	7252-87085	1 1/16-12	3000	12000
G94912-1212	12MQFF-12FB	7252-87095	1 1/16-12	3000	12000
G94912-1616	16MQFF-16FB	7252-87105	1 5/16-12	3000	12000

** Connect-under-pressure coupler.*

Male Flush Face Valve to JIC 37° Flare Bulkhead

Part No.	Descr.	Prod. No.			
G94913-0810	8MQFF-10BKHD	7252-87395	7/8-14	3625	14500
G94913-1012	10MQFF-12BKHD	7252-87405	1 1/16-12	3625	14500

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Flush Face Valve to Female British Pipe Parallel

Part No.	Descr.	Prod. No.			
G94915-0404	4MQFF-4FBPP	7252-87115	1/4-19	4568	18270
G94915-0808	8MQFF-8FBPP	7252-87125	1/2-14	3625	14500
G94915-1212	12MQFF-12FBPP	7252-87135	3/4-14	3625	14500
G94915-1616	16MQFF-16FBPP	7252-87145	1-11	2900	11600

Female Flush Face Valve to Female Pipe

Part No.	Descr.	Prod. No.			
G94921-0404	4FQFF-4FP	7252-87155	1/4-18	3000	12000
G94921-0606	6FQFF-6FP	7252-88035	3/8-18	3000	12000
G94921-0608	6FQFF-8FP	7252-88045	1/2-14	3000	12000
G94921-0808	8FQFF-8FP	7252-87165	1/2-14	3000	12000
G94921-0808P	8CPFQFF-8FP*	7252-87475	1/2-14	3000	12000
G94921-1212	12FQFF-12FP	7252-87175	3/4-14	3000	12000
G94921-1616	16FQFF-16FP	7252-87185	1-11 1/2	3000	12000

** Connect-under-pressure coupler.*

Female Flush Face Valve to Female O-Ring Boss

Part No.	Descr.	Prod. No.			
G94922-0404	4FQFF-4FB	7252-87195	7/16-20	3000	12000
G94922-0608	6FQFF-8FB	7252-88055	3/4-16	3000	12000
G94922-0808	8FQFF-8FB	7252-87205	3/4-16	3000	12000
G94922-0808P	8CPFQFF-8FB*	7252-87485	3/4-16	3000	12000
G94922-0810P	8CPFQFF-10FB*	7252-87495	7/8-14	3000	12000
G94922-0812	8FQFF-12FB	7252-87215	1 1/6-12	3000	12000
G94922-0812P	8CPFQFF-12FB*	7252-87505	1 1/6-12	3000	12000
G94922-1012	10FQFF-12FB	7252-87225	1 1/6-12	3000	12000
G94922-1212	12FQFF-12FB	7252-87235	1 1/6-12	3000	12000
G94922-1616	16FQFF-16FB	7252-87245	1 5/16-12	3000	12000

** Connect-under-pressure coupler.*

Female Flush Face to JIC 37° Flare Bulkhead

Part No.	Descr.	Prod. No.			
G94923-0810	8FQFF-10BKHD	7252-87415	7/8-14	3625	14500
G94923-1012	10FQFF-12BKHD	7252-87425	1 1/16-12	3625	14500

Female Flush Face Valve to Female British Pipe Parallel

Part No.	Descr.	Prod. No.			
G94925-0808	8FQFF-8FBPP	7252-87265	1/2-14	3625	14500
G94925-1212	12FQFF-12FBPP	7252-87275	3/4-14	3625	14500
G94925-1616	16FQFF-16FBPP	7252-87285	1-11	2900	11600

Dust Plug/Cap

Part No.	Descr.	Prod. No.
G94981-0004	4QDFFDP/C	7252-87535
G94981-0006	6QDFFDP/C	7252-87545
G94981-0008	8QDFFDP/C	7252-87555
G94981-0010	10QDFFDP/C	7252-87565
G94981-0012	12QDFFDP/C	7252-87575
G94981-0016	16QDFFDP/C	7252-87585

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Male Flush Face Valve

Part No.	Descr.	Prod. No.			
G95011-0604	6MQFFH-4FP	7252-88085	3/8-18	10000	20000
G95011-0606	6MQFFH-6FP	7252-88095	3/8-18	10000	20000
G95011-0808	8MQFFH-8FP	7252-88145	1/2-14	5000	10000
G95011-1212	12MQFFH-12FP	7252-88155	3/4-14	5000	10000
G95011-1616	16MQFFH-16FP	7252-88165	1-11 1/2	5000	10000
G95011-1616A	16MQFFH-16FPA*	7252-88325	1-11 1/2	5000	10000

** This coupling features a higher working pressure and flatter face for minimization of fluid loss.*

Female Flush Face Valve

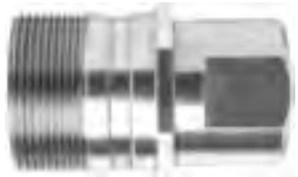
Part No.	Descr.	Prod. No.			
G95021-0604	6FQFFH-4FP	7252-88105	3/8-18	10000	20000
G95021-0606	6FQFFH-6FP	7252-88115	3/8-18	10000	20000
G95021-0808	8FQFFH-8FP	7252-88175	1/2-14	5000	10000
G95021-1212	12FQFFH-12FP	7252-88185	3/4-14	5000	10000
G95021-1616	16FQFFH-16FP	7252-88195	1-11 1/2	5000	10000
G95021-1616A	16FQFFH-16FPA*	7252-88335	1-11 1/2	5000	10000

** This coupling features a higher working pressure and flatter face for minimization of fluid loss.*

QD Plug/Cap Combination

Part No.	Descr.	Prod. No.
G95081-0006	6QDFFHDP/C	7252-87715
G95081-0008	8QDFFHDP/C	7252-87725
G95081-0012	12QDFFHDP/C	7252-87735
G95081-0016	16QDFFHDP/C	7252-87745

Male (Brass) - Less Flange



Part No.	Descr.	Prod. No.			
G95111-1212	12MQW-12FP	7252-88525	3/4-14	3000	9000
G95111-1616	16MQW-16FP	7252-88535	1-11 1/2	3000	9000
G95111-2020	20MQW-20FP	7252-88545	1 5/8-12	2750	8250
G95111-2424	24MQW-24FP	7252-88555	1 7/8-12	2500	7500

Female (Brass) - Wing Nut (Cast Iron)

Part No.	Descr.	Prod. No.			
G95121-1212	12FQW-12FP	7252-88585	3/4-14	3000	9000
G95121-1616	16FQW-16FP	7252-88595	1-11 1/2	3000	9000
G95121-2020	20FQW-20FP	7252-88605	1 5/8-12	2750	8250
G95121-2424	24FQW-24FP	7252-88615	1 7/8-12	2500	7500

Dust Plug

Part No.	Descr.	Prod. No.
G95180-0012	12QWDP	7252-88645
G95180-0016	16QWDP	7252-88655
G95180-0020	20QWDP	7252-88665
G95180-0024	24QWDP	7252-88675

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
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C14 COUPLINGS
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POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
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POWER STEERING
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Dust Cap

Part No.	Descr.	Prod. No.
G95190-0012	12QWDC	7252-88705
G95190-0016	16QWDC	7252-88715
G95190-0020	20QWDC	7252-88725
G95190-0024	24QWDC	7252-88735

Male Acme Flat Threads to Female Pipe

Part No.	Descr.	Prod. No.			
G95211-1212	12MQWH-12FP	7252-88745	3/4-14	5000	20000
G95211-1616	16MQWH-16FP	7252-88755	1-11 1/2	5000	20000
G95211-2020	20MQWH-20FP	7252-88765	1 1/4-11 1/2	5000	15000
G95211-2424	24MQWH-24FP	7252-88775	1 1/2-11 1/2	5000	15000
G95211-3232	32MQWH-32FP	7252-88785	2-11 1/2	5000	15000

Female Wing Nut to Female Pipe

Part No.	Descr.	Prod. No.			
G95221-1212	12FQWH-12FP*	7252-88795	3/4-14	5000	20000
G95221-1616	16FQWH-16FP	7252-88805	1-11 1/2	5000	20000
G95221-2020	20FQWH-20FP	7252-88815	1 1/4-11 1/2	5000	15000
G95221-2424	24FQWH-24FP	7252-88825	1 1/2-11 1/2	5000	15000
G95221-3232	32FQWH-32FP	7252-88835	2-11 1/2	5000	15000

** Features a hex nut on the coupler.*

Dust Plug

Part No.	Descr.	Prod. No.
G95280-0012	12QWHDP	7252-88845
G95280-0016	16QWHDP	7252-88855
G95280-0020	20QWHDP	7252-88865
G95280-0024	24QWHDP	7252-88875

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
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SURELOK
HOSE CUTTERS & TOOLS
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KITS

Dust Plug - Cont'd

Part No.	Descr.	Prod. No.
G95280-0032	32QWHDP	7252-88885

Dust Cap

Part No.	Descr.	Prod. No.
G95290-0012	12QWHDC	7252-88895
G95290-0016	16QWHDC	7252-88905
G95290-0020	20QWHDC	7252-88915
G95290-0024	24QWHDC	7252-88925
G95290-0032	32QWHDC	7252-88935

Male Poppet Valve to Female Pipe

Recommended for MobileCrimp® crimper-to-pump connection.

Part No.	Descr.	Prod. No.			
G95311-0606	6MQFFVH-6FP	7252-88315	3/8-18	14500	28000

Female Screw to Connect to Female Pipe

Part No.	Descr.	Prod. No.			
G95321-0606	6FQFFVH-6FP	7252-88305	3/8-18	14500	28000

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
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Male Poppet Valve to Female Pipe

Part No.	Descr.	Prod. No.			
G95611-0404	4MQP-4FP	7252-89905	1/4-18	4600	18400
G95611-0606	6MQP-6FP	7252-89915	3/8-18	4600	18400
G95611-0808	8MQP-8FP	7252-89925	1/2-14	4000	16000
G95611-1212	12MQP-12FP	7252-89935	3/4-14	4000	16000
G95611-1616	16MQP-16FP	7252-89945	1-11 1/2	3000	12000

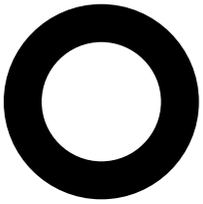
Female Poppet Valve to Female Pipe

Part No.	Descr.	Prod. No.			
G95621-0404	4FQP-4FP	7252-89955	1/4-18	4600	18400
G95621-0606	6FQP-6FP	7252-89965	3/8-18	4600	18400
G95621-0808	8FQP-8FP	7252-89975	1/2-14	4000	16000
G95621-1212	12FQP-12FP	7252-89985	3/4-14	4000	16000
G95621-1616	16FQP-16FP	7252-89995	1-11 1/2	3000	12000

O-Ring

Part No.	Descr.	Prod. No.
G95625-0004	4QDOR	7252-59955
G95625-0006	6QDOR	7252-59965
G95625-0008	8QDOR	7252-59975
G95625-0012	12QDOR	7252-59985
G95625-0016	16QDOR	7252-59995

Backup Ring



Part No.	Descr.	Prod. No.
G95626-0004	4QDBR	7252-49955
G95626-0006	6QDBR	7252-49965
G95626-0008	8QDBR	7252-49975
G95626-0012	12QDBR	7252-49985
G95626-0016	16QDBR	7252-49995

QD Plug/Cap Combination

Part No.	Descr.	Prod. No.
G95681-0004	4QDDP/C	7252-87635
G95681-0006	6QDDP/C	7252-87645
G95681-0008	8QDDP/C	7252-87655
G95681-0012	12QDDP/C	7252-87665
G95681-0016	16QDDP/C	7252-87675

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
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G959 Series (Agriculture QD Adapters)

John Deere Old Style to ISO Style

Part No.	Descr.	Prod. No.	
G95961-0808	8MJD-8FISO	7252-89615	3000

ISO Style to John Deere Old Style

Part No.	Descr.	Prod. No.	
G95962-0808	8MISO-8FJD	7252-89625	3000

Int'l Harvester to John Deere Old Style

Part No.	Descr.	Prod. No.	
G95963-0808	8MIHC-8FJD	7252-89635	3000

Int'l Harvester Old Style to ISO Style

Part No.	Descr.	Prod. No.	
G95964-0808	8MIHC-8FISO	7252-89645	3000

ISO Style to Int'l Harvester Old Style

Part No.	Descr.	Prod. No.	
G95965-0808	8MISO-8FIHC	7252-89655	3000

ISO Style to John Deere Old Style - (Double Shutoff)

Part No.	Descr.	Prod. No.	
G95966-0808	8MISO-8FJDDSO	7252-89665	3000

ISO Style to Int'l Harvester Old Style - (Double Shutoff)

Part No.	Descr.	Prod. No.	
G95967-0808	8MISO-8FIHCDSO	7252-89675	3000

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
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HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
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LOW PRESSURE COUPLINGS
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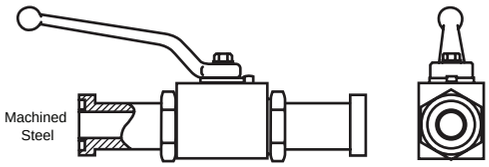
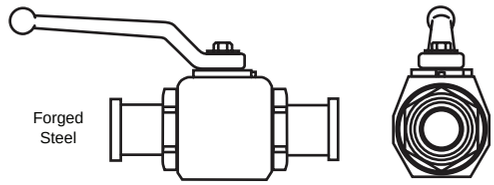
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Notes

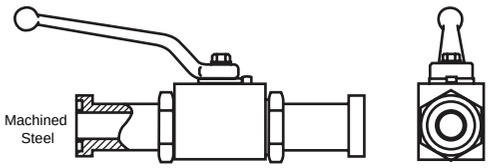
Code 61 O-Ring Flange 3000 PSI

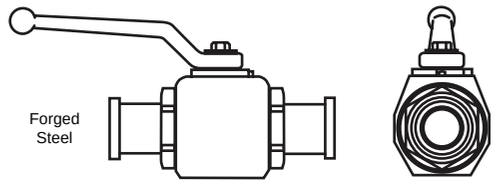




Part No.	Descr.	Prod. No.	⊖ "	Nom. Flg. Size "
G96300-0808	8FL-8FLBV	7317-00215	1/2	1/2
G96300-1212	12FL-12FLBV	7317-00225	3/4	3/4
G96300-1616	16FL-16FLBV	7317-00235	1	1
G96310-2020	20FL-20FLBV	7317-00245	1 1/4	1 1/4
G96310-2424	24FL-24FLBV	7317-00255	1 1/2	1 1/2
G96310-3232	32FL-32FLBV	7317-00265	2	2

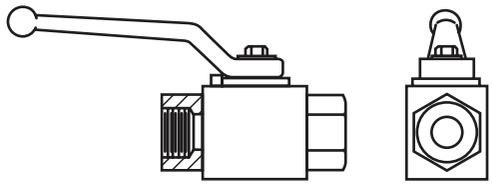
Code 62 O-Ring Flange 6000 PSI





Part No.	Descr.	Prod. No.	⊖ "	Nom. Flg. Size "
G96350-0808	8FLH-8FLHBV	7317-00275	1/2	1/2
G96350-1212	12FLH-12FLHBV	7317-00285	3/4	3/4
G96350-1616	16FLH-16FLHBV	7317-00295	1	1
G96355-2020	20FLH-20FLHBV	7317-00305	1 1/4	1 1/4
G96355-2424	24FLH-24FLHBV	7317-00315	1 1/2	1 1/2
G96355-3232	32FLH-32FLHBV	7317-00325	2	2

Female O-Ring Boss



Part No.	Descr.	Prod. No.	⊖ "	
G96115-0404	4FB-4FBBV	7317-00075	1/4	1/4
G96115-0606	6FB-6FBBV	7317-00085	3/8	3/8
G96115-0808	8FB-8FBBV	7317-00095	1/2	1/2
G96115-1212	12FB-12FBBV	7317-00105	3/4	3/4
G96115-1616	16FB-16FBBV	7317-00115	1	1

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
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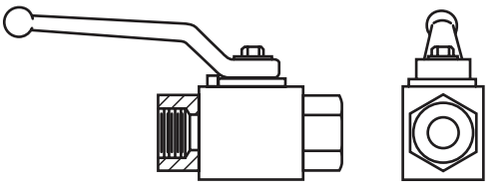
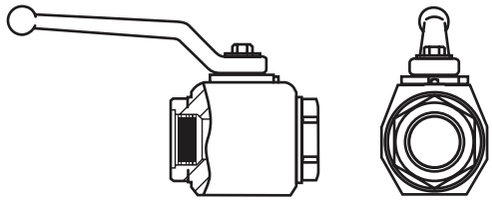
Female Pipe NPTF



Part No.	Descr.	Prod. No.	⊖ "	
G96110-0404	4FP-4FPBV	7317-00015	1/4	1/4
G96110-0606	6FP-6FPBV	7317-00025	3/8	3/8
G96110-0808	8FP-8FPBV	7317-00035	1/2	1/2
G96110-1212	12FP-12FPBV	7317-00045	3/4	3/4
G96110-1616	16FP-16FPBV	7317-00055	1	1
G96110-2016	20FP-16FPBV	7317-00065	1 1/4	1

Female Pipe NPTF

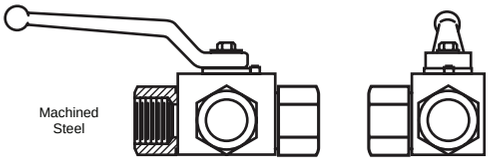


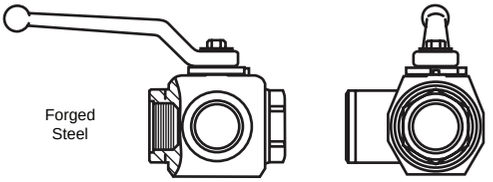
Part No.	Descr.	Prod. No.	⊖ "	
G96120-2020	20FP-20FPBV	7317-00125	1 1/2	1 1/4
G96120-2424	24FP-24FPBV	7317-00135	1 1/2	1 1/2
G96120-3232	32FP-32FPBV	7317-00145	2	2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Three Way Block Style

Female Pipe NPTF





Part No.	Descr.	Prod. No.	⊖ "	
G96210-0404	4FP-4FP-4FPBV	7317-00155	1/4	1/4
G96210-0606	6FP-6FP-6FPBV	7317-00165	3/8	3/8
G96210-0808	8FP-8FP-8FPBV	7317-00175	1/2	1/2
G96210-1212	12FP-12FP-12FPBV	7317-00185	3/4	3/4
G96210-1616	16FP-16FP-16FPBV	7317-00195	1	1
G96211-2020	20FP-20FP-20FPBV	7317-00205	1 1/4	1 1/4

Ball Valve Lock Out Kits

Part No.	Descr.	Prod. No.
G96050-0408	1/4" THRU 1/2" BV LOCK OUT KIT	7317-00335
G96050-1216	3/4" THRU 1" BV LOCK OUT KIT	7317-00345
G96050-2032	1 1/4" THRU 2" BV LOCK OUT KIT	7317-00355

Component Assortments

Stop searching and start saving with these great hydraulic assortments. For once, all your hydraulic components will be in one place. And they are organized by size and style.

O-Ring (OR, FLOR, ORFF) Assortment Kit

Part Number: 85001
Product Number: 7369-0001

O-Rings for Straight-Thread Boss Fittings		
Descr	**#**	**Quantity**
4OR	G60248-0004	10
6OR	G60248-0006	10
8OR	G60248-0008	10
10OR	G60248-0010	10
12OR	G60248-0012	10
16OR	G60248-0016	10
20OR	G60248-0020	5

O-Rings for Code 61 & 62 Flange Fittings		
Descr	**#**	**Quantity**
12FLOR	G60898-0012	10
16FLOR	G60898-0016	10
20FLOR	G60898-0020	10

O-Rings for Flat-Face Fittings		
Descr	**#**	**Quantity**
4ORFF	G60698-0004	10
6ORFF	G60698-0006	10
8ORFF	G60698-0008	10
10ORFF	G60698-0010	10
12ORFF	G60698-0012	10
16ORFF	G60698-0016	10

Flat-Face Plug (MFFOR) and Cap (FFOR) Kit

Part Number: 85002
Product Number: 7369-0002

Flat-Face O-Ring Caps		
Descr	**#**	**Quantity**
4FFOR-CAP	G60701-0004	2
6FFOR-CAP	G60701-0006	2
8FFOR-CAP	G60701-0008	2
10FFOR-CAP	G60701-0010	2
12FFOR-CAP	G60701-0012	2
16FFOR-CAP	G60701-0016	2

Flat-Face O-Ring Plugs		
Descr	**#**	**Quantity**
4MFFOR-PLUG	G60702-0004	2
6MFFOR-PLUG	G60702-0006	2
8MFFOR-PLUG	G60702-0008	2
10MFFOR-PLUG	G60702-0010	2
12MFFOR-PLUG	G60702-0012	2
16MFFOR-PLUG	G60702-0016	2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
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POWER STEERING
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ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Component Assortments – Continued

JIC Plug (MJ) and Cap (FJ) Kit

Part Number: 85003
Product Number: 7369-0003

*Space for plugs and caps, but not included in kit.

Male 37º Flare (JIC) Plug		
Descr	**#**	**Quantity**
4MJ-PLUG	G60402-0004	2
5MJ-PLUG	G60402-0005	2
6MJ-PLUG	G60402-0006	2
8MJ-PLUG	G60402-0008	2
10MJ-PLUG	G60402-0010	2
12MJ-PLUG	G60402-0012	2
14MJ-PLUG	G60402-0014	Optional*
16MJ-PLUG	G60402-0016	2
20MJ-PLUG	G60402-0020	Optional*

Female 37º Flare (JIC) Cap		
Descr	**#**	**Quantity**
4FJ-CAP	G60401-0004	2
5FJ-CAP	G60401-0005	2
6FJ-CAP	G60401-0006	2
8FJ-CAP	G60401-0008	2
10FJ-CAP	G60401-0010	2
12FJ-CAP	G60401-0012	2
16FJ-CAP	G60401-0016	2
20FJ-CAP	G60401-0020	Optional*

Male Pipe (MP) and O-Ring Boss (MB) Plug Kit

Part Number: 85004
Product Number: 7369-0004

*Space for plugs, but not included in kit.

Male Pipe Plug		
Descr	**#**	**Quantity**
2MP-PLUG	G60102-0002	2
4MP-PLUG	G60102-0004	2
6MP-PLUG	G60102-0006	2
8MP-PLUG	G60102-0008	2
12MP-PLUG	G60102-0012	2
16MP-PLUG	G60102-0016	2
20MP-PLUG	G60102-0020	Optional*
24MP-PLUG	G60102-0024	Optional*

Male O-Ring Boss Plug		
Descr	**#**	**Quantity**
4MB-PLUG	G60250-0004	2
5MB-PLUG	G60250-0005	2
6MB-PLUG	G60250-0006	2
8MB-PLUG	G60250-0008	2
10MB-PLUG	G60250-0010	2
12MB-PLUG	G60250-0012	2
16MB-PLUG	G60250-0016	1

Air Brake
SureLok™ Coupling Assortments

Air Line Repair Kit

Part No.: 85111
Product Number: 7369-0111

Descr	Part No.	Quantity
2AB-2MP	G31100-0202	2 ea.
4AB-2MP	G31100-0402	2 ea.
4AB-4MP	G31100-0404	2 ea.
4AB-6MP	G31100-0406	1 ea.
6AB-2MP	G31100-0602	1 ea.
6AB-4MP	G31100-0604	1 ea.
4AB-2MP90	G31104-0402	1 ea.
4AB-4MP90	G31104-0404	1 ea.
6AB-4MP90	G31104-0604	1 ea.
2AB-2AB	G31400-0202	2 ea.
3AB-3AB	G31400-0303	2 ea.
4AB-4AB	G31400-0404	2 ea.
6AB-6AB	G31400-0606	2 ea.
2AB-2AB-2AB	G31450-0202	1 ea.
3AB-3AB-3AB	G31450-0303	1 ea.
4AB-4AB-4AB	G31450-0404	1 ea.
6AB-6AB-6AB	G31450-0606	1 ea.
Tubing Cutter	78015	1 ea.

Transmission Line Repair Kit

Part No.: 85113
Product Number: 7369-0113

Descr	Part No.	Quantity
2AB-2MP	G31100-0202	2 ea.
2.5AB-1MP	G31100-2501	2 ea.
2.5AB-2MP	G31100-2502	2 ea.
2AB-2MP90	G31104-0202	1 ea.
2.5AB-2MP90	G31104-2502	1 ea.
2AB-2AB	G31400-0202	2 ea.
2.5AB-2.5AB	G31400-2525	2 ea.
3AB-3AB	G31400-0303	2 ea.
2NABTAX100	H30002-02	2 ft.
2.5NABTAX100	H30002-25	2 ft.
3NABTAX100	H30002-03	2 ft.
Tubing Cutter	78015	1 ea.
Nylon Cable Ties	–	20 ea.

Air Brake Repair Kit

Part No.: 85112
Product Number: 7369-0112

Descr	Part No.	Quantity
6AB-4MP	G31100-0604	2 ea.
6AB-6MP	G31100-0606	2 ea.
6AB-8MP	G31100-0608	2 ea.
8AB-4MP	G31100-0804	1 ea.
8AB-6MP	G31100-0806	2 ea.
8AB-8MP	G31100-0808	2 ea.
6AB-6AB	G31400-0606	2 ea.
8AB-6AB	G31400-0806	2 ea.
8AB-8AB	G31400-0808	2 ea.
6AB-6MP90	G31104-0606	1 ea.
6AB-8MP90	G31104-0608	1 ea.
8AB-4MP90	G31104-0804	1 ea.
8AB-6MP90	G31104-0806	1 ea.
8AB-8MP90	G31104-0808	1 ea.
6AB-6AB-6AB	G31450-0606	2 ea.
8AB-8AB-8AB	G31450-0808	2 ea.
Tubing Cutter	78015	1 ea.

Tubing Repair Kit

Part No.: 85114
Product Number: 7369-0114

Descr	Part No.	Quantity
2AB-2AB	G31400-0202	2 ea.
2.5AB-2.5AB	G31400-2525	2 ea.
3AB-3AB	G31400-0303	2 ea.
4AB-4AB	G31400-0404	2 ea.
6AB-4AB	G31400-0604	1 ea.
6AB-6AB	G31400-0606	2 ea.
8AB-6AB	G31400-0806	1 ea.
8AB-8AB	G31400-0808	2 ea.
10AB-10AB	G31400-1010	2 ea.
12AB-12AB	G31400-1212	2 ea.
2NABTAX100	H30002-02	2 ft.
2.5NABTAX100	H30002-25	2 ft.
3NABTAX100	H30002-03	2 ft.
4NABTAX100	H30002-04	2 ft.
5NABTAX100	H30002-05	2 ft.
6NABTAX100	H30002-06	2 ft.
8NABTAX100	H30002-08	2 ft.
10NABTAX50	H30002-10	1 ft.
12NABTAX50	H30002-12	1 ft.
Tubing Cutter	78015	1 ea.
Nylon Cable Ties	–	20 ea.

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
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SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
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SINGLE BEAD
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C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

Air Brake – Continued

Small SureLok™ Assortment

This small SureLok™ assortment is a basic starter package for the jobber or fleet.
The SureLok coupling allows for repairs or replacement of J844 nylon air brake lines without the need of tools.

Assortment Contains:

- 4 Sizes of Hoses
- 16 Coupling Configurations
- 158 Individual Couplings

Part Number:
A33001

Product Number:
7369-3001

Descr	#	Quantity	Descr	#	Quantity
4NABTAX100	H30002-04	1	4AB-4AB	G31400-0404	10
6NABTAX100	H30002-06	1	6AB-6AB	G31400-0606	10
8NABTAX100	H30002-08	1	8AB-8AB	G31400-0808	10
10NABTAX50	H30003-10	1	10AB-10AB	G31400-1010	5
4AB-2MP	G31100-0402	10	4AB-4AB-4AB	G31450-0404	10
4AB-4MP	G31100-0404	10	6AB-6AB-6AB	G31450-0606	10
6AB-6MP	G31100-0606	10	8AB-8AB-8AB	G31450-0808	10
8AB-6MP	G31100-0806	10	8GH-S	G33031-0508	1
8AB-8MP	G31100-0808	10	8GH-U	G33031-0608	1
10AB-8MP	G31100-1008	5	8GH-E	G33031-0708	1
4AB-4MP90	G31104-0404	10	6GHSEAL	G33032-0006	10
6AB-6MP90	G31104-0606	10	Hose Cutter	78015	2
8AB-8MP90	G31104-0808	5			

Air Brake – Continued

Large SureLok™ Assortment

The large SureLok assortment is perfect for the jobber or fleet. SureLok couplings allow for repairs or replacement of J844 nylon air brake lines without tools. Along with the SureLok couplings, this assortment features brass field attachable couplings for SAE J1402 DOT All hose.

Assortment Contains:

- 7 Sizes of Hoses
- 51 Coupling Configurations
- 318 Individual Couplings

Part Number:
A33002

Product Number: 7369-3002

Descr	#	Quantity	Descr	#	Quantity
2NABTAX 100	H30002-02	1	4AB-4AB	G31400-0404	10
3NABTAX 100	H30002-03	1	6AB-6AB	G31400-0606	10
4NABTAX100	H30002-04	1	8AB-8AB	G31400-0808	10
6NABTAX100	H30002-06	1	10AB-10AB	G31400-1010	5
8NABTAX100	H30002-08	1	12AB-12AB	G31400-1212	2
10NABTAX50	H30003-10	1	2B-2AB-2AB	G31450-0202	10
12NABTAX50	H30003-12	1	4AB-4AB-4AB	G31450-0404	10
12' Coiled Air Brake Hoses	G30050-1208	1	6AB-6AB-6AB	G31450-0606	10
4AB-2MP	G31100-0402	10	8AB-8AB-8AB	G31450-0808	10
4AB-4MP	G31100-0404	10	10AB-10A-10AB	G31450-1010	5
6AB-4MP	G31100-0604	10	4MP-ATDV	G33021-0004	1
6AB-6MP	G31100-0606	10	6MP-CV	G33027-0006	1
6AB-8MP	G31100-0608	10	8MP-CV	G33027-0008	1
8AB-6MP	G31100-0806	10	6MAB-4MP	G33030-0604	10
8AB-8MP	G31100-0808	10	6MAB-6MP	G33030-0606	10
10AB-8MP	G31100-1008	5	8MAB-6MP	G33030-0806	10
12AB-8MP	G31100-1208	2	8MAB-8MP	G33030-0808	10
12AB-12MP	G31100-1212	2	8GH-S	G33031-0508	1
4AB-2MP90	G31104-0402	10	8GH-U	G33031-0608	1
4AB-4MP90	G31104-0404	10	8GH-E	G33031-0708	1
6AB-4MP90	G31104-0604	10	6GHSEAL	G33032-0006	10
6AB-6MP90	G31104-0606	10	6ABR-4MP	G33100-0604	2
8AB-6MP90	G31104-0806	5	6ABR-6MP	G33100-0606	2
8AB-8MP90	G31104-0808	5	6ABR-8MP	G33100-0608	2
10AB-8MP90	G31104-1008	2	8ABR-6MP	G33100-0806	2
12AB-8MP90	G31104-1208	2	8ABR-8MP	G33100-0808	2
12AB-12MP90	G31104-1212	2	6ABRSG-4MP	G33110-0604	2
4AB-4AB-4MPX	G31142-0404	5	6ABRSG-6MP	G33110-0606	2
6AB-6AB-6MPX	G31142-0606	5	6ABRSG-8MP	G33110-0608	2
8AB-8AB-8MPX	G31142-0808	5	8ABRSG-6MP	G33110-0806	2
2AB-2AB	G31400-0202	5	8ABRSG-8MP	G33110-0808	2
3AB-3AB	G31400-0303	5	Hose Cutter	78015	2

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
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ASSEMBLY FABRICATION
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PCTS THERMO-PLASTIC COUPLINGS
ADAPTERS
ACCESSORIES
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BALL VALVES
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EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
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BALL VALVES
KITS

Air Brake – Continued

Small Compression Assortment

Handy, small compression assortment is a basic starter package for the jobber or fleet. This assortment features brass compression couplings for J844 nylon air brake hose.

Assortment Contains:

- 4 Sizes of Hoses
- 31 Coupling Configurations
- 211 Individual Couplings

Part Number:
A33003

Product Number:
7369-3003

Descr	#	Quantity	Descr	#	Quantity.
4NABTAX100	H30002-04	1	8ABC-8MP	G32100-0808	5
6NABTAX100	H30002-06	1	10ABC-8MP	G32100-1008	2
8NABTAX100	H30002-08	1	4ABC-2MP90	G32104-0402	5
10NABTAX50	H30003-10	1	4ABC-4MP90	G32104-0404	5
4TSI-ABC	G32040-0004	10	6ABC-6MP90	G32104-0606	5
6TSI-ABC	G32040-0006	10	8ABC-8MP90	G32104-0808	5
8TSI-ABC	G32040-0008	10	10ABC-8MP90	G32104-1008	2
10TSI-ABC	G32040-0010	10	4ABC-4ABC	G32400-0404	5
4TS-ABC	G32050-0004	10	6ABC-6ABC	G32400-0606	5
6TS-ABC	G32050-0006	10	8ABC-8ABC	G32400-0808	5
8TS-ABC	G32050-0008	10	10ABC-10ABC	G32400-1010	2
10TS-ABC	G32050-0010	10	4ABC-4ABC-4ABC	G32450-0404	5
4TSN-ABC	G32060-0004	10	6ABC-6ABC-6ABC	G32450-0606	5
6TSN-ABC	G32060-0006	10	8ABC-8ABC-8ABC	G32450-0808	5
8TSN-ABC	G32060-0008	10	10ABC-10ABC-10ABC	G32450-1010	2
10TSN-ABC	G32060-0010	5	8GH-S	G33031-0508	1
4ABC-2MP	G32100-0402	5	8GH-U	G33031-0608	1
4ABC-4MP	G32100-0404	5	8GH-E	G33031-0708	1
6ABC-6MP	G32100-0606	5	6GHSEAL	G33032-0006	10
8ABC-6MP	G32100-0806	5	Hose Cutter	78015	2

Air Brake – Continued

Large Compression Assortment

The large compression assortment is perfect for the jobber or fleet. This assortment features both brass compression couplings for J844 nylon air brake hose and brass field attachable couplings for SAE J1402 DOT All hose.

Assortment Contains:

- 7 Sizes of Hoses
- 59 Coupling Configurations
- 330 Individual Couplings

Part Number:
A33004

Product Number:
7369-3004

Descr	#	Quantity	Descr	#	Quantity	Descr	#	Quantity
2NABTAX 100	H30002-02	1	6ABC-8MP	G32100-0608	5	4MP-ATDV	G33021-0004	1
3NABTAX 100	H30002-03	1	8ABC-6MP	G32100-0806	5	6MP-CV	G33027-0006	1
4NABTAX100	H30002-04	1	8ABC-8MP	G32100-0808	5	8MP-CV	G33027-0008	1
6NABTAX100	H30002-06	1	10ABC-8MP	G32100-1008	5	6MAB-4MP	G33030-0604	10
8NABTAX100	H30002-08	1	12ABC-12MP	G32100-1212	2	6MAB-6MP	G33030-0606	10
10NABTAX50	H30003-10	1	4ABC-2MP90	G32104-0402	5	8MAB-6MP	G33030-0806	10
12NABTAX50	H30003-12	1	4ABC-4MP90	G32104-0404	5	8MAB-8MP	G33030-0808	10
4TSI-ABC	G32040-0004	10	6ABC-6MP90	G32104-0606	5	8GH-S	G33031-0508	1
6TSI-ABC	G32040-0006	10	8ABC-6MP90	G32104-0806	5	8GH-U	G33031-0608	1
8TSI-ABC	G32040-0008	10	8ABC-8MP90	G32104-0808	5	8GH-E	G33031-0708	1
10TSI-ABC	G32040-0010	10	10ABC-8MP90	G32104-1008	2	6GHSEAL	G33032-0006	10
12TSI-ABC	G32040-0012	5	12ABC-12MP90	G32104-1212	2	6ABR-4MP	G33100-0604	2
4TS-ABC	G32050-0004	10	4ABC-4ABC	G32400-0404	5	6ABR-6MP	G33100-0606	2
6TS-ABC	G32050-0006	10	6ABC-6ABC	G32400-0606	5	6ABR-8MP	G33100-0608	2
8TS-ABC	G32050-0008	10	8ABC-8ABC	G32400-0808	5	8ABR-6MP	G33100-0806	2
10TS-ABC	G32050-0010	10	10ABC-10ABC	G32400-1010	2	8ABR-8MP	G33100-0808	2
12TS-ABC	G32050-0012	5	12ABC-12ABC	G32400-1212	2	6ABRSG-4MP	G33110-0604	2
4TSN-ABC	G32060-0004	10	4ABC-4ABC90	G32404-0404	5	6ABRSG-6MP	G33110-0606	2
6TSN-ABC	G32060-0006	10	6ABC-6ABC90	G32404-0606	5	6ABRSG-8MP	G33110-0608	2
8TSN-ABC	G32060-0008	10	8ABC-8ABC90	G32404-0808	5	8ABRSG-6MP	G33110-0806	2
10TSN-ABC	G32060-0010	5	10ABC-10ABC90	G32404-1010	2	8ABRSG-8MP	G33110-0808	2
12TSN-ABC	G32060-0012	5	4ABC-4ABC-4ABC	G32450-0404	5	Hose Cutter	78015	2
4ABC-2MP	G32100-0402	5	6ABC-6ABC-6ABC	G32450-0606	5			
4ABC-4MP	G32100-0404	5	8ABC-8ABC-8ABC	G32450-0808	5			
6ABC-6MP	G32100-0606	5	10ABC-10ABC-10ABC	G32450-1010	2			

EQUIPMENT
HOSE/CPLG. SELECTION
GLOBALSPIRAL COUPLINGS
PCS COUPLINGS
GLOBALSPIRAL HIGH PRESSURE COUPLINGS
STAINLESS STEEL
PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
AIR BRAKE COPPER TUBING
SURELOK
HOSE CUTTERS & TOOLS
COMPRESSION AIR BRAKE
AIR BRAKE HOSE ASSEMBLIES
AIR BRAKE FOR RUBBER HOSE
FIELD ATTACHABLE C5 COUPLINGS
LOCK-ON HOSE
SINGLE BEAD
BARBED STEM
C14 COUPLINGS
LOW PRESSURE COUPLINGS
GLX COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
ASSEMBLY FABRICATION
POWER STEERING
PCTS THERMO-PLASTIC COUPLINGS
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QUICK DISCONNECT COUPLERS
BALL VALVES
KITS

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Air Brake – Continued

Rubber Air Brake & C14 Assembly Assortments

Assortment Part Number: 91181

Part No.	Descr	Length	Unit Count
87147	10C14-10FJSX-10FJSX-36	36"	1
87149	10C14-10FJSX-10FJSX-48	48"	1
87152	10C14-10FJSX-10FJSX-54	54"	1
87154	10C14-10FJSX-10FJSX-84	84"	1
27245	3/8" Hose 1/4" MPT Fixed & Swivel	20"	1
27246	3/8" Hose 1/4" MPT Fixed & Swivel	24"	1
27248	3/8" Hose 1/4" MPT Fixed & Swivel	30"	1
27252	1/2" Hose 3/8" MPT Fixed & Swivel	18"	1
27253	1/2" Hose 3/8" MPT Fixed & Swivel	20"	1
27254	1/2" Hose 3/8" MPT Fixed & Swivel	24"	2
27255	1/2" Hose 3/8" MPT Fixed & Swivel	28"	2
27256	1/2" Hose 3/8" MPT Fixed & Swivel	30"	2
27257	1/2" Hose 3/8" MPT Fixed & Swivel	32"	1
27258	1/2" Hose 3/8" MPT Fixed & Swivel	36"	2
27259	1/2" Hose 3/8" MPT Fixed & Swivel	42"	2
27266	3/8" Hose 3/8" MPT Fixed & Swivel	24"	2
27267	3/8" Hose 3/8" MPT Fixed & Swivel	26"	1
27268	3/8" Hose 3/8" MPT Fixed & Swivel	28"	2
27269	3/8" Hose 3/8" MPT Fixed & Swivel	30"	1
27270	3/8" Hose 3/8" MPT Fixed & Swivel	32"	1
27272	3/8" Hose 3/8" MPT Fixed & Swivel	36"	1
27275	3/8" Hose 3/8" MPT Fixed & Swivel	42"	1
27279	3/8" Hose 3/8" MPT Fixed & Swivel	48"	1
27281	3/8" Hose 3/8" MPT Fixed & Swivel	60"	1
—	Assembly Merchandisers	—	2
—	Content Sheet	—	1
—	Part No. Decals	—	24

Assortment Part Number: 91182

Part No.	Descr	Length	Unit Count
87149	10C14-10FJSX-10FJSX-48	48"	1
87152	10C14-10FJSX-10FJSX-54	54"	1
27246	3/8" Hose 1/4" MPT Fixed & Swivel	24"	1
27254	1/2" Hose 3/8" MPT Fixed & Swivel	24"	2
27255	1/2" Hose 3/8" MPT Fixed & Swivel	28"	1
27256	1/2" Hose 3/8" MPT Fixed & Swivel	30"	2
27258	1/2" Hose 3/8" MPT Fixed & Swivel	36"	2
27259	1/2" Hose 3/8" MPT Fixed & Swivel	42"	1
27266	3/8" Hose 3/8" MPT Fixed & Swivel	24"	2
27268	3/8" Hose 3/8" MPT Fixed & Swivel	28"	1
27269	3/8" Hose 3/8" MPT Fixed & Swivel	30"	1
27272	3/8" Hose 3/8" MPT Fixed & Swivel	36"	1
—	Assembly Merchandisers	—	1
—	Content Sheet	—	1
—	Part No. Decals	—	12

Adapters

Bonded Seals

Part Number: 85041
Product Number: 7369-5041

Descr	#	Quantity
2BBDS	G64075-0002	Optional*
4BBDS	G64075-0004	10
6BBDS	G64075-0006	10
8BBDS	G64075-0008	10
10BBDS	G64075-0010	10
12BBDS	G64075-0012	10
16BBDS	G64075-0016	10
20BBDS	G64075-0020	Optional*
24BBDS	G64075-0024	Optional*
32BBDS	G64075-0032	Optional*
6MBDS	G64775-0006	10
8MBDS	G64775-0008	10
10MBDS	G64775-0010	10
12MBDS	G64775-0012	10
14MBDS	G64775-0014	10
16MBDS	G64775-0016	10
18MBDS	G64775-0018	10
20MBDS	G64775-0020	10
22MBDS	G64775-0022	10
24MBDS	G64775-0024	Optional*
26MBDS	G64775-0026	Optional*
27MBDS	G64775-0027	Optional*
30MBDS	G64775-0030	Optional*
33MBDS	G64775-0033	Optional*
36MBDS	G64775-0036	Optional*
42MBDS	G64775-0042	Optional*

*Space for bonded seals, but not included in kit.

British

Part Number: 85042
Product Number: 7369-5042

Descr	#	Quantity
2MBSPOR-PLUG	G64094-0002	2
4MBSPOR-PLUG	G64094-0004	2
6MBSPOR-PLUG	G64094-0006	2
8MBSPOR-PLUG	G64094-0008	2
12MBSPOR-PLUG	G64094-0012	Optional*
16MBSPOR-PLUG	G64094-0016	Optional*
20MBSPOR-PLUG	G64094-0020	Optional*
2MBSPP-PLUG	G64099-0002	2
4MBSPP-PLUG	G64099-0004	2
6MBSPP-PLUG	G64099-0006	2
8MBSPP-PLUG	G64099-0008	2
10MBSPP-PLUG	G64099-0010	2
12MBSPP-PLUG	G64099-0012	2
16MBSPP-PLUG	G64099-0016	Optional*
20MBSPP-PLUG	G64099-0020	Optional*
24MBSPP-PLUG	G64099-0024	Optional*
32MBSPP-PLUG	G64099-0032	Optional*
2MBSPT-PLUG	G64098-0002	2
4MBSPT-PLUG	G64098-0004	2
6MBSPT-PLUG	G64098-0006	2
8MBSPT-PLUG	G64098-0008	2
10MBSPT-PLUG	G64098-0010	2
12MBSPT-PLUG	G64098-0012	2
16MBSPT-PLUG	G64098-0016	Optional*
20MBSPT-PLUG	G64098-0020	Optional*
24MBSPT-PLUG	G64098-0024	Optional*
32MBSPT-PLUG	G64098-0032	Optional*
2FBSPP-CAP	G64097-0002	2
4FBSPP-CAP	G64097-0004	2
6FBSPP-CAP	G64097-0006	2
8FBSPP-CAP	G64097-0008	2
10FBSPP-CAP	G64097-0010	2
12FBSPP-CAP	G64097-0012	2
16FBSPP-CAP	G64097-0016	Optional*
20FBSPP-CAP	G64097-0020	Optional*
24FBSPP-CAP	G64097-0024	Optional*
32FBSPP-CAP	G64097-0032	Optional*

*Space for plugs and caps, but not included in kit.

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Adapters – Continued

DIN Light

Part Number: 85043
Product Number: 7369-5043

Descr	#	Quantity
6MDL-PLUG	G64792-0006	2
8MDL-PLUG	G64792-0008	2
10MDL-PLUG	G64792-0010	2
12MDL-PLUG	G64792-0012	2
15MDL-PLUG	G64792-0015	2
18MDL-PLUG	G64792-0018	2
22MDL-PLUG	G64792-0022	2
28MDL-PLUG	G64792-0028	Optional*
35MDL-PLUG	G64792-0035	Optional*
42MDL-PLUG	G64792-0042	Optional*
6FDL-CAP	G64793-0006	2
8FDL-CAP	G64793-0008	2
10FDL-CAP	G64793-0010	2
12FDL-CAP	G64793-0012	2
15FDL-CAP	G64793-0015	2
18FDL-CAP	G64793-0018	2
22FDL-CAP	G64793-0022	2
28FDL-CAP	G64793-0028	Optional*
35FDL-CAP	G64793-0035	Optional*
42FDL-CAP	G64793-0042	Optional*

*Space for plugs and caps, but not included in kit.

DIN Heavy

Part Number: 85044
Product Number: 7369-5044

Descr	#	Quantity
8MDH-PLUG	G64794-0008	2
10MDH-PLUG	G64794-0010	2
12MDH-PLUG	G64794-0012	2
14MDH-PLUG	G64794-0014	2
16MDH-PLUG	G64794-0016	2
20MDH-PLUG	G64794-0020	2
25MDH-PLUG	G64794-0025	2
30MDH-PLUG	G64794-0030	Optional*
38MDH-PLUG	G64794-0038	Optional*
8FDH-CAP	G64795-0008	2
10FDH-CAP	G64795-0010	2
12FDH-CAP	G64795-0012	2
14FDH-CAP	G64795-0014	2
16FDH-CAP	G64795-0016	2
20FDH-CAP	G64795-0020	2
25FDH-CAP	G64795-0025	2
30FDH-CAP	G64795-0030	Optional*
38FDH-CAP	G64795-0038	Optional*

*Space for plugs and caps, but not included in kit.

Adapters – Continued

Metric

Part Number: 85045
Product Number: 7369-5045

Descr	#	Quantity
8MM-PLUG	G64790-0008	2
10MM-PLUG	G64790-0010	2
12MM-PLUG	G64790-0012	2
14MM-PLUG	G64790-0014	2
16MM-PLUG	G64790-0016	2
18MM-PLUG	G64790-0018	2
20MM-PLUG	G64790-0020	2
22MM-PLUG	G64790-0022	2
24MM-PLUG	G64790-0024	2
26MM-PLUG	G64790-0026	2
30MM-PLUG	G64790-0030	2
22MKB-PLUG	G63980-0022	2

Japanese

Part Number: 85046
Product Number: 7369-5046

Descr	#	Quantity
4FK-CAP	G65597-0004	2
6FK-CAP	G65597-0006	2
8FK-CAP	G65597-0008	2
10FK-CAP	G65597-0010	2
12FK-CAP	G65597-0012	2
16FK-CAP	G65597-0016	Optional*
4MK-PLUG	G65599-0004	2
6MK-PLUG	G65599-0006	2
8MK-PLUG	G65599-0008	2
10MK-PLUG	G65599-0010	2
12MK-PLUG	G65599-0012	2
16MK-PLUG	G65599-0016	Optional*
4FJIS-CAP	G65097-0004	2
6FJIS-CAP	G65097-0006	2
8FJIS-CAP	G65097-0008	2
12FJIS-CAP	G65097-0012	2
16FJIS-CAP	G65097-0016	2
20FJIS-CAP	G65097-0020	Optional*
24FJIS-CAP	G65097-0024	Optional*
32FJIS-CAP	G65097-0032	Optional*
4MJIS-PLUG	G65099-0004	2
6MJIS-PLUG	G65099-0006	2
8MJIS-PLUG	G65099-0008	2
12MJIS-PLUG	G65099-0012	2
6MJIS-PLUG	G65099-0016	2
20MJIS-PLUG	G65099-0020	Optional*
24MJIS-PLUG	G65099-0024	Optional*
32MJIS-PLUG	G65099-0032	Optional*

*Space for plugs and caps, but not included in kit.

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PCM COUPLINGS
MEGACRIMP COUPLINGS
STAINLESS STEEL BRAID
POWER CRIMP COUPLINGS
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HOSE CUTTERS & TOOLS
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AIR BRAKE HOSE ASSEMBLIES
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Notes

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C14 Teflon® Hose—SAE 100R14 Type A—Nonconductive	85700	A48, W1
C14CT Teflon® Hose—SAE 100R14 Type B—Conductive	85730	A49, W1
C5C Hydraulic Hose—SAE 100R5	86605	A46, S4
C5D High-Temp Multi-Fluid Hose	85680	A47, S5
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C5M Marine Fuel Line Hose	70614	A47, S6
CM2T MegaFlex® Connected Twin-Line 2-Wire Braid—SAE 100R16	70350	A26, I9
EFG3K Spiral Wire Hose—MegaTuff® Cover	85490	A17
EFG3K Spiral Wire Hose—SAE 100R12	85497	A17
EFG4K Spiral Wire Hose—MegaTuff® Cover	85483	A16
EFG4K Spiral Wire Hose—SAE 100R12	85491	A15
EFG5K Spiral Wire Hose—MegaTuff® Cover	85459	A15
EFG5K Spiral Wire Hose—SAE 100R13	85453	A14
EFG6K Spiral Wire Hose—MegaTuff® Cover	85471	A13
EFG6K Spiral Wire Hose—SAE 100R15	85465	A13
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G1H 1-Wire Braid Hose—High-Temp—SAE 100R1 Type AT	85922	A31, I14
G2XH 2-Wire Braid Extreme Heat Hose—SAE 100R2	85798	A28, I11
G3H High-Temp 2-Fiber Braid Hose—SAE 100R3	85951	A32, I16
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Global G2 2-Wire Braid Hose—SAE 100R2 Type AT	86620	A26, I9
Global G2H High-Temp 2-Wire Braid Hose	86520	A27, I10
Global G2H High-Temp—MegaTuff® Cover	70897	A27, I11
Global G2L PolarFlex® Hose—SAE 100R2 Type AT	85732	A28, I12
Global M3K Mega3000® Hose—MegaTuff® Cover	85525	A23, I6
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Global M5K Mega5000™ Hose	85607	A18, I1
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Global M6K Mega6000™ Hose	70599	A18, I1
GMV Global MegaVac® Return Line and Suction Hose	85577	A35, X1
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J2AT 2-Wire Braid Jack Hose—10,000 Static Pressure Only	85650	A29, I13
J2AT 2-Wire Braid Jack Hose—MegaTuff® Cover—10,000 Static Pressure Only	70469	A30, I13
LOC 1-Fiber Braid Lock-On Hose	86691	A37, T1
LOL Plus Lock-On Hose	70650	A38, T2
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M2T® MegaFlex® 2-Wire Braid Hose—MegaTuff® Cover	70387	A25, I8
M2T® MegaFlex® 2-Wire Braid Hose—SAE 100R16	85600	A25, I8
M3KH Wire Braid Hose—High-Temp—MegaTuff® Cover	71030	A24, I7
M3KH Wire Braid Hose—High-Temp—SAE 100R17	70898	A24, I7
M4KH Wire Braid Hose—High-Temp—MegaTuff® Cover	85448	A22, I5
M4KH Wire Braid Hose—High-Temp—SAE 100R19	85540	A21, I4
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M500 Wire Braid Hose	85442	A33, I17
M500 XtraTuff™ Wire Braid Hose	70979	A34, I17
MegaTech® 1000 High-Temp Oil/Air Return	70850	A44, I20 , S1
MegaTech® 250 High-Temp Transmission Oil Cooler (TOC) Hose	85759	A45, S3
MegaTech® 3000 High-Temp Oil/Air Return	70960	A44, S2
MegaTech® 500 High-Temp Oil/Air Return	85687	A45, S2
MegaTech® G5TB Extreme Heat Oil/Air Return and Air Brake Hose	85391	A43, S1
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Stainless Steel Braid Couplings

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Power Crimp Couplings

Power Crimp® Couplings

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Female JIC 37° Flare Swivel - 90° Bent Tube	83125	K5
Female JIC 45° Flare Swivel	83105	K6
Female Flat-Face O-Ring Swivel	83057	K6
Code 61 O-Ring Flange	80300	K6
Code 61 O-Ring Flange - 22½° Bent Tube	80335	K7
Code 61 O-Ring Flange - 30° Bent Tube	80345	K7
Code 61 O-Ring Flange - 60° Bent Tube	80363	K7
Code 61 O-Ring Flange - 67½° Bent Tube	80373	K8
Code 61 O-Ring Flange - 90° Bent Tube	80310	K8
SAE Male Inverted Swivel	83301	K9
SAE Male Inverted Swivel - 45° Bent Tube	83302	K9
SAE Male Inverted Swivel - 90° Bent Tube	83303	K9
Hose Length Extender	80179	K10
Female Braze-On Stems	80406	K10
Female DIN 24° Cone Swivel - Light Series	83709	K10
Female Komatsu Style Japanese Metric Swivel	80239	K11
Power Crimp® Two Ferrules (Steel) - PC2F Series	80415	K11
Power Crimp® One Non-Skive Ferrules (Steel) - PC1FS Series	80468	K12

Field Attachable G1 & G2 Couplings

Field Attachable 'Type T' for G1 Hose (1 Wire)

Male Pipe (NPTF - 30° Cone Seat)	G27100-0402	L1
Male Pipe Swivel (NPTF - Without 30° Cone Seat)	G27105-0404	L1
Male O-Ring Boss	G27120-0606	L2
Male JIC 37° Flare	G27165-0606	L2
Female JIC 37° Flare Swivel	G27170-0404	L2
Female JIC 37° Flare Swivel - 45° Bent Tube	G27175-0404	L3
Female JIC 37° Flare Swivel - 90° Bent Tube	G27180-0404	L3

Field Attachable 'Type T' for G2 Hose (2 Wire)

Male Pipe (NPTF - 30° Cone Seat)	G28100-0402	L4
Male Pipe Swivel (NPTF - Without 30° Cone Seat)	G28105-0404	L4
Male O-Ring Boss	G28120-0606	L5
Male JIC 37° Flare	G28165-0606	L5
Female JIC 37° Flare Swivel	G28170-0404	L5
Female JIC 37° Flare Swivel - 45° Bent Tube	G28175-0404	L6
Female JIC 37° Flare Swivel - 90° Bent Tube	G28180-0404	L6
Female Flat-Face O-Ring Swivel	G28230-0404	L7
Female Flat-Face O-Ring Swivel - 45° Bent Tube	G28234-0404	L7
Female Flat-Face O-Ring Swivel - 90° Bent Tube	G28239-0404	L8

Air Brake Copper Tubing

Air Brake Copper Tubing - Brass

Coiled Air Brake Tubing	G30050-1208	M1
Tube Sleeve or Plug	G30050-0004	M1
Tube Sleeve Nut	G30060-0004	M2
Air Brake to Male Pipe	G30100-0402	M2
Air Brake to Male Pipe - 45°	G30102-0604	M3
Air Brake to Male Pipe - 90°	G30104-0402	M3
Air Brake to Male Pipe - 90° - Long	G30106-0602	M4
Male Pipe to Air Brake to Air Brake - Tee	G30130-0406	M4
Air Brake to Female Pipe	G30150-0602	M4
Air Brake to Female Pipe - 90°	G30154-0604	M5

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Air Brake Union - Tee	G30450-0606	M6

SureLok

SureLok™ Air Brake Couplings

Air Brake Plugs	G31050-0004	N2
Air Brake Cartridge	G31080-0003	N2
Air Brake to Male Pipe	G31100-0202	N3
Air Brake to Male Pipe - 45°	G31102-0402	N3
Air Brake to Male Pipe - 90°	G31104-0202	N4
Air Brake to Male Pipe Swivel - 90° with port	G31105-0604P	N5
Air Brake to Male Pipe Swivel - 45°	G31122-0402	N5
Air Brake to Male Pipe Swivel - 90°	G31124-0402	N6
Male Pipe to Air Brake to Air Brake - Tee	G31130-0204	N6
Air Brake on Run to Male Pipe - Tee	G31134-0302	N7
Air Brake to Male Pipe - Tee - 90°	G31138-0606	N8
Male Pipe Swivel to Air Brake to Air Brake - Tee	G31140-0204	N8
Air Brake on Run to Male Pipe Swivel - Tee	G31142-0302	N9
Air Brake to Female Pipe	G31150-0806	N9
Air Brake to Female Pipe - 90°	G31154-0302	N10
Air Brake on Run to Female Pipe - Tee with Bracket	G31160-0604	N10
Male Pipe to Air Brake to Female Pipe - Tee	G31167-0406	N11
Air Brake to Male Pipe to Female Pipe	G31168-0604	N11
Air Brake Bulkhead	G31300-0404	N11
Air Brake to Male Flareless Assembly Bulkhead	G31350-0404	N11
Air Brake to Female Pipe Bulkhead	G31360-0402	N12
Air Brake to Gladhand Bulkhead	G31377-0808	N12
Air Brake Union	G31400-0202	N12
Air Brake Union - 90°	G31404-0404	N13
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6-Port Manifold	G31970-0604	N14

SureLok™ Coupling Assortments - Brass

Air Brake Assortments	85111	N15

Hose Cutters & Tools

Hose Cutters & Tools

SureLok™ Quick-Release Pliers	91017	O1
Hand-Held Hose Cutter & Replacement Blades	91143	O1
Small Nylon Tubing Cutter & Replacement Blades	78015	O2

Compression Air Brake

Compression Air Brake Couplings

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Tube Sleeve	G32050-0004	P1
Tube Sleeve Nut	G32060-0004	P1
Air Brake to Male Pipe	G32100-0401	P2
Air Brake to Male Pipe - 45°	G32102-0402	P2
Air Brake to Male Pipe - 90°	G32104-0402	P3
Air Brake to Male Pipe - 90° - Long	G32106-0602	P3
Male Pipe to Air Brake to Air Brake - Tee	G32130-0204	P4
Air Brake on Run to Male Pipe - Tee	G32134-0402	P4
Air Brake to Female Pipe	G32150-0402	P5
Air Brake to Female Pipe - 90°	G32154-0402	P5
Air Brake on Run to Female Pipe - Tee	G32160-0604	P6
Air Brake Bulkhead	G32300-0404	P6
Air Brake Union	G32400-0404	P6
Air Brake Union - 90°	G32404-0404	P7
Air Brake Union - Tee	G32450-0404	P7
Air Brake to Male Pipe Truck Valve - 90°	G32601-0808	P8
Male Pipe to Air Brake Truck Valve - 90°	G32602-0808	P8

Air Brake Hose Assemblies

Air Brake Hose Assemblies

1/2" ID Hose with½" Fixed Male Pipe NPTF and⅜" Male Pipe NPTF Swivel	27286	Q1
1/2" ID Hose with⅜" Fixed Male Pipe NPTF and⅜" Male Pipe NPTF Swivel with Adapter	27252	Q1
3/8" ID Hose with¼" Fixed Male Pipe NPTF and⅜" Female Air Brake Swivel with Adapter	27242	Q2
3/8" ID Hose with⅜" Fixed Male Pipe NPTF and⅜" Female Air Brake Swivel with Adapter	27261	Q3

Air Brake For Rubber Hose

Air Brake Couplings for Rubber Hose

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Air Vent	G33022-0002	R2
One Way Check Valve	G33027-0006	R2
Air Brake Adapter	G33030-0604	R3
Gladhand	G33031-0508	R3
Gladhand Seal	G33032-0006	R3
Tube Sleeve	G33050-0006	R4
Tube Sleeve Nut	G33060-0006	R4
Spring Guard Nut	G33061-0006	R4
Air Brake to Male Pipe	G33100-0604	R5
Air Brake to Male Pipe with Spring Guard	G33110-0604	R5
Air Brake to Male Pipe without Nut	G33111-0604	R5
Air Brake Spring Guard	G33112-0006	R6
Air Brake to Female Air Brake Swivel	G33150-0606	R6
Air Brake to Female Air Brake Swivel with Adapter	G33151-0604	R6
Air Brake Bulkhead	G33300-0202	R7
Air Brake Union	G33400-0606	R7
Male Pipe to Male SAE 45° Flare Truck Valve - 90°	G33610-0810	R7
Male SAE 45° Flare to Male Pipe Truck Valve - 90°	G33612-0604	R8
Single Bead Male Pipe Truck Valve - 90°	G33620-0606	R8
Single Bead to Male Pipe Truck Valve with Pin Handle - 90°	G33622-0606	R9
Female Pipe to Male Pipe Truck Valve - 90°	G33630-0606	R9
3-Way Truck Valve	G33650-0202	R10
4-Way Truck Valve	G33655-0404	R10
Male Flareless Assembly to Male Flareless Assembly Shut-Off Cock	G33701-0404	R11
Male Flareless Assembly to Male Pipe Shut-Off Cock	G33705-0402	R11
Male Pipe to Female Pipe Shut-Off Cock	G33710-0202	R12
Female Pipe to Female Pipe Shut-Off Cock	G33715-0202	R12
Male SAE 45° Flare to Male Pipe Shut-Off Cock	G33720-0402	R13
Male SAE 45° Flare to Male SAE 45° Flare Shut-Off Cock	G33730-0404	R13
Male Pipe Air Drain Cock	G33801-0002	R14
Female Pipe to Male Pipe Air Drain Cock	G33805-0202	R14
Male Pipe Drain Cock - Bibb Nose	G33823-1006	R15
Male Pipe Drain Cock - Internal Seat	G33830-0002	R15
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Air Tank Valve	G33850-0202	R16
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Male SAE 45° Flare to Male Pipe - Needle Valve	G33940-0402	R19
Male SAE 45° Flare to Male Pipe - Needle Valve - 90°	G33945-0402	R19
Male SAE 45° Flare to Male SAE 45° Flare - Needle Valve	G33950-0404	R20

Field Attachable C5 Couplings

Field Attachable for C5C, C5D & C5M Hose

Male Pipe (NPTF - 30° Cone Seat)	G34100-0402	S7
Male O-Ring Boss	G34120-0404	S7
Male JIC 37° Flare	G34165-0404	S8
Female JIC 37° Flare Swivel	G34170-0606	S8
Female JIC 37° Flare Swivel - 45° Bent Tube	G34175-0606	S9
Female JIC 37° Flare Swivel - 90° Bent Tube	G34179-2020	S9
Female JIC 37° Flare Swivel - 90° Long Bent Tube	G34181-0606	S10
Male SAE 45° Flare	G34195-0404	S10
Female SAE 45° Flare Swivel	G34200-0606	S11
Female SAE 45° Flare Swivel - 45° Bent Tube	G34202-0606	S11
Female SAE 45° Flare Swivel - 90° Bent Tube	G34205-0606	S12
Dual Seat Female JIC 37°/SAE 45° Flare Swivel	G34210-0404	S12
Dual Seat Female JIC 37°/SAE 45° Flare Swivel - 45° Bent Tube	G34211-0404	S13
Dual Seat Female JIC 37°/SAE 45° Flare Swivel - 90° Bent Tube	G34212-0404	S13
Female Flat-Face Swivel	G34230-0404	S14
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Male SAE 45° Flare Inverted Swivel	G34500-0404	S15
Male SAE 45° Flare Inverted Swivel - 45° Bent Tube	G34502-0404	S16
Male SAE 45° Flare Inverted Swivel - 90° Bent Tube	G34504-0404	S16
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Parker Triple Thread Female Swivel	G34562-1616	S17

Field Attachable for C5E Hose

Male Pipe (NPTF - 30° Cone Seat)	G35100-0402	S19
Female JIC 37° Flare Swivel	G35170-0606	S19
Female JIC 37° Flare Swivel - 45° Bent Tube	G35175-0606	S20
Female JIC 37° Flare Swivel - 90° Bent Tube	G35180-0606	S20
Female SAE 45° Flare Swivel	G35200-0606	S21
Female SAE 45° Flare Swivel - 45° Bent Tube	G35202-0606	S21
Female SAE 45° Flare Swivel - 90° Bent Tube	G35205-0606	S21
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Dual Seat Female JIC 37°/SAE 45° Flare Swivel - 90° Bent Tube	G35212-0404	S23
Special Flange - 90° - Engine Oil Connection (Code 61-2 bolt)	G34342-2020	S23
Male SAE 45° Flare Inverted Swivel	G35500-0404	S24
Male SAE 45° Flare Inverted Swivel - 45° Bent Tube	G35502-0606	S24
Male SAE 45° Flare Inverted Swivel - 90° Bent Tube	G35504-0404	S25
SAE Male Flareless Assembly	G35510-0404	S25
Parker Triple Thread Female Swivel	G35562-1616	S26

Lock-On Hose

Brass Lock-On Field Attachable Couplings for LOC & LOL Hoses

Male Pipe (NPTF - 30° Cone Seat)	G36100-0402	T4
Male Pipe Swivel (NPTF - Without 30° Cone Seat)	G36105-0404	T4
Male Pipe - 90° Block (NPTF - Without 30° Cone Seat)	G36106-0402	T5
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Female Pipe Swivel (NPTF - Without 30° Cone Seat)	G36111-0402	T6
Male JIC 37° Flare	G36165-0404	T6
Female JIC 37° Flare Swivel	G36170-0406	T7
Male SAE 45° Flare	G36195-0404	T7
Female SAE 45° Flare Swivel	G36200-0406	T8
Dual Seat Female JIC 37°/SAE 45° Flare Swivel	G36210-0404	T8
Male SAE Inverted Swivel	G36500-0403	T9
Female Inverted	G36508-0403	T9
Flareless Tube Fitting (Compression Type)	G36520-0403	T10
Hose Mender	G36535-0404	T10

Single Bead

Single Bead Brass Couplings

Male Pipe (NPTF - 30° Cone Seat)	G37100-0302	U1
Male Straight Thread Connector	G37103-0609	U1
Male Pipe - 90° Block (NPTF - Without 30° Cone Seat)	G37106-0402	U2
Male SAE 45° Flare Connector	G37195-0605	U2
Male SAE Inverted Swivel	G37500-0404	U3
Male SAE Inverted Swivel - 45°	G37503-0605	U3
Male SAE Inverted Swivel - 90°	G37504-0404	U3
Female SAE Inverted	G37508-0505	U4

Barbed Stem

Barbed Stem - Brass

Male Pipe NPTF	G38100-0202	V1
Female Pipe	G38110-0202	V1

C14 Couplings

C14 Couplings

C14 Assembly with Two Female Dual Seat JIC 37°/SAE 45° Flare Swivel (FJSX) Couplings	G89170-1018	W2
C14 Assembly with Two Air Brake Compression (ABC) Couplings	G89460-1018	W2
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Dual Seat Female JIC 37°/SAE 45° Flare Swivel	G40170-0404B	W4
Female JIC 37° Flare Swivel	G40170-0606B	W5
Female JIC 37° Flare Swivel - 45° Bent Tube	G40175-0404	W5
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SAE Male Inverted Swivel	G40500-0404	W8
SAE Male Inverted Swivel - 45° Bent Tube	G40502-0404	W9
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Male Pipe (NPTF - 30° Cone Seat)	G42100-0404	X3
Male Pipe (NPTF - 30° Cone Seat)	G42100-0606	X3
Male Pipe (NPTF - 30° Cone Seat)	G42100-0808	X3
Male JIC 37° Flare	G42165-0404	X3
Female JIC 37° Flare Swivel	G42170-0404	X4
Female JIC 37° Flare Swivel - 45° Short Bent Tube	G42174-0404	X4
Female JIC 37° Flare Swivel - 90° Short Bent Tube	G42179-0404	X5
Female JIC 37° Flare Swivel - 90° Long Bent Tube	G42181-0404	X5
GL Couplings		
Male Pipe (NPTF - 30° Cone Seat)	G43100-1212	X6
Male Pipe Swivel (NPTF - Without 30° Cone Seat)	G43105-1212	X6
Female JIC 37° Flare Swivel	G43170-1212	X7
Female JIC 37° Flare Swivel - 90° Short Bent Tube	G43179-1212	X7
Female JIC 37° Flare Swivel - 90° Medium Bent Tube	G43180-2020	X8
Female JIC 37° Flare Swivel - 90° Long Bent Tube	G43181-2420	X8
Female Flat-Face Swivel	G43230-1212	X9
Female Flat-Face Swivel - 45° Short Bent Tube	G43234-1212	X9
Female Flat-Face Swivel - 90° Short Bent Tube	G43239-1212	X10
Female Flat-Face Swivel - 90° Medium Bent Tube	G43240-1212	X10
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Code 61 O-Ring Flange - 45° Short Bent Tube	G43306-1616	X12
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GLX® - Female JIC 37° Flare Swivel	G44170-0404	Y2
GLX® - MS 45° SAE Male Solid	G44195-0404	Y3
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PolarSeal® Couplings		
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Power Steering Couplings

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PCTS Thermoplastic Couplings (One-Piece)

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Female (Brass) - Wing Nut (Cast Iron)	G95121-1212	AG17
Dust Plug	G95180-0012	AG17
Dust Cap	G95190-0012	AG18
G952 Series (High Pressure Wing Nut)		
Male Acme Flat Threads to Female Pipe	G95211-1212	AG19
Female Wing Nut to Female Pipe	G95221-1212	AG19
Dust Plug	G95280-0012	AG19
Dust Cap	G95290-0012	AG20
G953 Series (Very High Pressure)		
Male Poppet Valve to Female Pipe	G95311-0606	AG21

TYPE	DESCRIPTION (EXAMPLE)	PAGE
Female Screw to Connect to Female Pipe	G95321-0606	AG21
G956 Series (Industrial ISO 7241 - Series A)		
Male Poppet Valve to Female Pipe	G95611-0404	AG22
Female Poppet Valve to Female Pipe	G95621-0404	AG22
O-Ring	G95625-0004	AG22
Backup Ring	G95626-0004	AG23
QD Plug/Cap Combination	G95681-0004	AG23
G959 Series (Agriculture QD Adapters)		
John Deere Old Style to ISO Style	G95961-0808	AG24
ISO Style to John Deere Old Style	G95962-0808	AG24
Int'l Harvester to John Deere Old Style	G95963-0808	AG24
Int'l Harvester Old Style to ISO Style	G95964-0808	AG24
ISO Style to Int'l Harvester Old Style	G95965-0808	AG25
ISO Style to John Deere Old Style - (Double Shutoff)	G95966-0808	AG25
ISO Style to Int'l Harvester Old Style - (Double Shutoff)	G95967-0808	AG25

Ball Valves

TYPE	DESCRIPTION (EXAMPLE)	PAGE
Two Way Block Style		
Code 61 O-Ring Flange 3000 PSI	G96300-0808	AH1
Code 62 O-Ring Flange 6000 PSI	G96350-0808	AH1
Female O-Ring Boss	G96115-0404	AH1
Female Pipe NPTF	G96110-0404	AH2
Two Way Round Style Large ID		
Female Pipe NPTF	G96120-2020	AH3
Three Way Block Style		
Female Pipe NPTF	G96210-0404	AH4
Ball Valve Lock Out Kits	G96050-0408	AH4