

MegaPerformance
 MegaVersatility
 MegaSimplicity
 MegaValue

MegaSys® Products Only from Gates



New Color-Coded Constant Pressure Hoses Bend Up to 1/3 SAE Bend Radius Specification

- Quick, easy pressure identification
- Constant pressure rating through all sizes
- Simplified hose selection
- Shorter assembly lengths
- Easier plumbing and routing in tight applications
- Fewer bent tube fittings
- Lower inventory requirements
- Longer assembly life in bending, flexing applications
- **Reduces hose costs by as much as 64 percent**

To save time, space and money with Gates MegaSys products, contact your Motion representative today.

M3K/G3K
3000 PSI

M4K/G4K
4000 PSI

M5K/G5K
5000 PSI

M6K/G6K
6000 PSI

G8K
8000 PSI

DELIVERING THE DIFFERENCE...

with critical flow components from Brennan.



No matter what your requirements are, Brennan has the high-quality hydraulic fittings and adapters you need — more than 25,000 different products. Our technical field support team specializes in critical flow components for MRO equipment. Put the experience of the Brennan team to work for you.



Can Motion Industries Support Your Hydraulic Hose Requirements?

YES

Motion Industries highly trained hose shop personnel stand ready to assist you in selecting the right hose and fittings for your requirements from our comprehensive product offering.



Motion Industries is committed to keeping industry in motion, offering quality products, strong systems and exceptional customer service support throughout North America.

HOSE CENTER SHOP CAPABILITIES

	Hydraulic Hose Assemblies	Teflon Hose Assemblies	Metal Hose Assemblies	Plastic Hose Assemblies	Industrial Hose Assemblies	Cleaning and Tagging	Tube Fittings and Adapters	Large I.D. Swaging	Testing	Expansion Joints
Baltimore, MD	●	●	●	●	●	●	●	●	●	●
Birmingham, AL	●	●	●	●	●	●	●	●	●	●
Chicago, IL	●	●	●	●	●	●	●	●	●	●
Farmington, NM	●	●	●	●	●	●	●	●	●	●
Ft. Worth, TX	●	●	●	●	●	●	●	●	●	●
Garland, TX	●	●	●	●	●	●	●	●	●	●
Houston, TX	●	●	●	●	●	●	●	●	●	●
Los Angeles, CA	●	●	●	●	●	●	●	●	●	●
Mobile, AL	●	●	●	●	●	●	●	●	●	●
Monroe, MI	●	●	●	●	●	●	●	●	●	●
Portland, OR	●	●	●	●	●	●	●	●	●	●
Wichita, KS	●	●	●	●	●	●	●	●	●	●



CAPABILITIES

- Hose Kitting
- Inside Tube Cleaning
- Tagging / Stamping / Engraving part number
- After-Hours Emergency Assistance
- State of the Art Equipment
- Hose Testing
- Technical Support
- On-site Field Specialists

FITTINGS & ACCESSORIES

- Camlocks
- Air Fittings
- Nipples
- Flanges
- Food Hose Fittings
- Clamps

HYDRAULIC HOSE

- Rubber and Thermoplastic
- Braided and Spiral
- Pressures up to 10,000 psi
- 1/4" through 12" ID



Low Pressure Hydraulic Hose
LOL Plus Lock-On Hose



- 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
- Cover is oil and abrasion-resistant synthetic rubber (Modified Nitrile - Type C)
- Reinforcement is one fiber braid
- Tube is black, oil resistant, synthetic rubber highly resistant to oil and heat (Nitrile - Type C)
- Standard bend radius
- Temperature range: 40°F to +212°F (-40°C to +100°C); Air to +160°F (+71°C) only
- Coupling recommendation: Field attachable LOC couplings or use clamp over beaded nipple
- Working psi for hydraulic fluid only: 300
- Priced per foot

Item #	Mfr Part #	Hose Inside Diameter	Hose Color	Price
00296678	3LOLA	3/16"	Black	\$1.76
00296682	3LOLG	3/16"	Green	1.76
00330953	4LOLA	1/4"	Black	1.83
00344099	4LOLB	1/4"	Blue	1.83
00296607	4LOLC	1/4"	Gray	1.83
00296598	4LOLG	1/4"	Green	1.83
00296601	4LOLR	1/4"	Red	1.83
00296604	4LOLY	1/4"	Yellow	1.83
00296676	5LOLA	5/16"	Black	2.09
00330957	6LOLA	3/8"	Black	2.30
00344109	6LOLB	3/8"	Blue	2.30
00296608	6LOLC	3/8"	Gray	2.30
00296599	6LOLG	3/8"	Green	2.30
00296602	6LOLR	3/8"	Red	2.30
00296605	6LOLY	3/8"	Yellow	2.30
00330967	8LOLA	1/2"	Black	2.68
00344119	8LOLB	1/2"	Blue	2.68
00296609	8LOLC	1/2"	Gray	2.68
00296600	8LOLG	1/2"	Green	2.68
00296603	8LOLR	1/2"	Red	2.68
00296606	8LOLY	1/2"	Yellow	2.68
00296596	10LOLA	5/8"	Black	3.55
00296698	10LOLB	5/8"	Blue	3.55
00296708	10LOLC	5/8"	Gray	3.55
00296700	10LOLG	5/8"	Green	3.55
00296702	10LOLR	5/8"	Red	3.55
00296704	10LOLY	5/8"	Yellow	3.55
00296597	12LOLA	3/4"	Black	4.48
00335576	12LOLB	3/4"	Blue	4.48
00296714	12LOLC	3/4"	Gray	4.48
00335578	12LOLG	3/4"	Green	4.48
00296710	12LOLR	3/4"	Red	4.48
00296712	12LOLY	3/4"	Yellow	4.48

High Pressure Hydraulic Hose
Global G2 2-Wire Braid Hose - SAE 100R2 Type AT



- 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
- Cover is black, oil and abrasion resistant, thin synthetic rubber (Modified Nitrile - Type C2)
- Reinforcement is two braids of high-tensile steel wire
- Tube is black, oil resistant, synthetic rubber (Nitrile - Type C)
- Standard bend radius
- Temperature range: -40°F to +212°F (-40°C to +100°C)
- Coupling recommendation: MegaCrimp® Couplings
- Priced per foot

Item #	Mfr Part #	Hose Inside Diameter	Working PSI For Hydraulic Fluid Only	Price
00354457	4G2	1/4"	5,800	\$4.90
00354462	6G2	3/8"	4,800	5.73
00354467	8G2	1/2"	4,000	6.55
00354472	10G2	5/8"	3,625	8.23
00354477	12G2	3/4"	3,100	10.84
00354481	16G2	1"	2,400	13.47

High Pressure Hydraulic Hose
Global M3K Mega3000® Hose - SAE 100R17



- 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
- Cover is black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2)
- Reinforcement is braided, high-tensile steel wire -4, -5, -6 and -8 sizes are one braid; -10, -12 and -16 sizes are two braid
- Tube is black, oil resistant, synthetic rubber (Nitrile - Type C)
- Flexible bend radius
- Temperature range: -40°F to +212°F (-40°C to +100°C)
- Coupling recommendation: MegaCrimp® Couplings
- Working pressure for hydraulic fluid only: 3,000 psi
- Priced per foot

Item #	Mfr Part #	Hose Inside Diameter	Reinforcement (Braids)	Price
00297336	4M3K	1/4"	One Wire	\$3.97
00297338	6M3K	3/8"	One Wire	4.49
00297340	8M3K	1/2"	One Wire	5.15
00297342	10M3K	5/8"	Two Wire	8.25
00297344	12M3K	3/4"	Two Wire	11.57
00297346	16M3K	1"	Two Wire	15.06



Return Line - Low Pressure Hydraulic Hose

GMV Global MegaVac® Return Line and Suction Hose



- Petroleum and water-base hydraulic fluids in suction lines or in low pressure return lines
- Meets or exceeds requirements of SAE 100R4
- Uses half the bend radius of SAE 100R4
- Meets marine ABS with use of HeatGuard™ high temp sleeve
- Cover is black synthetic rubber is oil and abrasion resistant (Neoprene - Type A)
- Reinforcement is double spiral textile (braid for -12, -16 and -20) reinforced with a helical spiral-wire to prevent collapse
- Tube is black synthetic rubber is specifically designed for resistance to high temperatures (Nitrile - Type C)
- Flexible bend radius
- 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)
- Coupling recommendation: GL Couplings or MegaCrimp® Couplings (-12 through -20)
- Priced per foot

Item #	Mfr Part #	Hose Inside Dia.	Working PSI For Hydraulic Fluid Only	Price
00296716	12GMV	3/4"	350	\$9.95
00296610	16GMV	1"	300	13.35
00296611	20GMV	1-1/4"	250	17.60
00296612	24GMV	1-1/2"	162	28.42
00296613	32GMV	2"	112	29.78

High Pressure Hydraulic Hose

H425 - SAE 100R2 TYPE AT



- Typical application: Most commonly used for high pressure lines on off road construction equipment, farm equipment and other high pressure applications
- Inner tube: Nitrile (Neoprene -4 only)
- Reinforcement: 2 steel braids
- Cover: Neoprene
- Temperature range: -40°F to +212°F (-40°C to +100°C)
- MSHA accepted
- Standard bend radius
- Hose end reference: C-O-C 'U' Series
- Priced per foot

Item #	Mfr Part #	Hose Inside Dia.	Working PSI For Hydraulic Fluid Only	Price
00354458	H42504	1/4"	5,000	\$3.44
00354463	H42506	3/8"	4,000	4.32
00354468	H42508	1/2"	3,500	4.57
00354473	H42510	5/8"	2,750	5.60
00354478	H42512	3/4"	2,250	7.42
00354482	H42516	1"	2,000	9.70

High Pressure Hydraulic Hose

H245 - SAE 100R16, ABS



- Typical application: Most commonly used for high pressure lines on off road construction equipment, farm equipment and other high pressure applications
- Inner tube: Nitrile (Neoprene -4 only)
- Reinforcement: 2 steel braids
- Cover: Neoprene
- Temperature range: -40°F to +212°F (-40°C to +100°C)
- MSHA accepted
- Flexible bend radius
- Hose end reference: C-O-C 'U' Series
- Priced per foot

Item #	Mfr Part #	Hose Inside Dia.	Working PSI For Hydraulic Fluid Only	Price
00347342	H24504	1/4"	5,000	\$3.22
00347343	H24506	3/8"	4,000	3.73
00347345	H24508	1/2"	3,500	4.25
00347347	H24510	5/8"	2,750	5.20
00347353	H24512	3/4"	2,250	6.76
00347366	H24516	1"	2,000	9.51

MOTION INDUSTRIES' HOSE SHOP OFFERING HYDRAULIC HOSE

FITTINGS & ACCESSORIES

- Hydraulic
- Quick Disconnects
- Adapters
- Nylon, Metal and Plastic Guard



HYDRAULIC HOSE

- Rubber and Thermoplastic
- Braided and Spiral
- Pressures up to 10,000 psi
- 1/4" through 12" ID



Push Lock Field Attachable Coupling
PL-FJS Straight 2111 Series - Female JIC Swivel 37° Flare

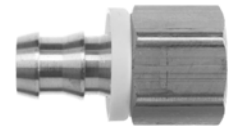
- Brass field attachable for low pressure hydraulic hose applications
- Used with Gates Hose Series LOL



Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Price
00329359	2111-04-04-B	1/4"	1/4" Female JIC Swivel 37° Flare	\$1.81
00329366	2111-04-05-B	1/4"	5/16" Female JIC Swivel 37° Flare	2.33
00329286	2111-04-06-B	1/4"	3/8" Female JIC Swivel 37° Flare	2.81
00329370	2111-06-06-B	3/8"	3/8" Female JIC Swivel 37° Flare	2.32
00329378	2111-06-08-B	3/8"	1/2" Female JIC Swivel 37° Flare	3.73
00329381	2111-08-08-B	1/2"	1/2" Female JIC Swivel 37° Flare	3.46
00329388	2111-08-10-B	1/2"	5/8" Female JIC Swivel 37° Flare	4.67
00329417	2111-10-08-B	5/8"	1/2" Female JIC Swivel 37° Flare	5.46
00329392	2111-10-10-B	5/8"	5/8" Female JIC Swivel 37° Flare	5.15
00329399	2111-12-12-B	3/4"	3/4" Female JIC Swivel 37° Flare	7.20

Push Lock Field Attachable Coupling
PL-FP Straight 2119 Series - Female Pipe - Rigid

- Brass field attachable for low pressure hydraulic hose applications
- Used with Gates Hose Series LOL



Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Price
02478679	2119-04-02-B	1/4"	1/8" Female Pipe	\$1.36
00329288	2119-04-04-B	1/4"	1/4" Female Pipe	1.60
00329290	2119-06-06-B	3/8"	3/8" Female Pipe	2.41
02478681	2119-08-06-B	1/2"	3/8" Female Pipe	3.07
00329294	2119-08-08-B	1/2"	1/2" Female Pipe	4.10

Push Lock Field Attachable Coupling
PL-MP Straight 2113 Series - Male Pipe - Rigid

- Brass field attachable for low pressure hydraulic hose applications
- Used with Gates Hose Series LOL



Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Price
03519938	2113-04-02-B	1/4"	1/8" Male Pipe	\$1.06
00329128	2113-04-04-B	1/4"	1/4" Male Pipe	1.43
00358799	2113-04-06-B	1/4"	3/8" Male Pipe	4.13
01490353	2113-05-02-B	5/16"	1/8" Male Pipe	2.93
02478669	2113-05-04-B	5/16"	1/4" Male Pipe	1.14
00329200	2113-06-02-B	3/8"	1/8" Male Pipe	1.56
00329143	2113-06-04-B	3/8"	1/4" Male Pipe	1.60
00329152	2113-06-06-B	3/8"	3/8" Male Pipe	1.98
00329162	2113-06-08-B	3/8"	1/2" Male Pipe	3.31
02478673	2113-08-04-B	1/2"	1/4" Male Pipe	1.86
00329168	2113-08-06-B	1/2"	3/8" Male Pipe	2.16
00329180	2113-08-08-B	1/2"	1/2" Male Pipe	3.32
02478675	2113-08-12-B	1/2"	3/4" Male Pipe	5.59
00329219	2113-10-06-B	5/8"	3/8" Male Pipe	5.22
00329193	2113-10-08-B	5/8"	1/2" Male Pipe	4.17
00329220	2113-10-12-B	5/8"	3/4" Male Pipe	5.83
02478677	2113-12-08-B	3/4"	1/2" Male Pipe	7.34
00329202	2113-12-12-B	3/4"	3/4" Male Pipe	5.47

SHIPPING & HANDLING CHARGES APPLY

See page 2 for your local phone number



Push Lock Field Attachable Coupling
PL-PL Straight 2118 Series - Hose Mender

- Brass field attachable for low pressure hydraulic hose applications
- Used with Gates Hose Series LOL



Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Price
00329561	218-04-04-B	1/4"	1/4" Hose Mender	\$1.27
02567368	218-05-05-B	5/16"	5/16" Hose Mender	1.84
00329567	218-06-06-B	3/8"	3/8" Hose Mender	1.87
00329573	218-08-08-B	1/2"	1/2" Hose Mender	2.36
00329579	218-10-10-B	5/8"	5/8" Hose Mender	3.78

MegaCrimp® One-Piece Coupling
Female JIC Swivel 37° Flare

- Robust "bite-the-wire" crimp
- Versatile
- Low profile
- Full stem insertion
- Full-length crimp
- Easy-to-manage inventory reduces SKUs
- TuffCoat™ plating for 500% better corrosion resistance
- Fully qualified EN-performance coupling
- Used with the high and medium pressure Gates Hose Series: G2, M3K



Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Price
04287199	4G-4FJX	1/4"	1/4" Female JIC Swivel 37° Flare	\$5.81
04287200	4G-6FJX	1/4"	3/8" Female JIC Swivel 37° Flare	6.99
04287201	6G-4FJX	3/8"	1/4" Female JIC Swivel 37° Flare	12.98
04287203	6G-6FJX	3/8"	3/8" Female JIC Swivel 37° Flare	6.66
04287204	6G-8FJX	3/8"	1/2" Female JIC Swivel 37° Flare	7.61
04287205	6G-10FJX	3/8"	5/8" Female JIC Swivel 37° Flare	10.02
00485975	10GE-8FJX	5/8"	1/2" Female JIC Swivel 37° Flare	21.58
00485976	10GE-10FJX	5/8"	5/8" Female JIC Swivel 37° Flare	15.91
00485977	10GE-12FJX	5/8"	3/4" Female JIC Swivel 37° Flare	17.68
02074338	10GE-14FJX	5/8"	7/8" Female JIC Swivel 37° Flare	22.65
04338957	12G-10FJX	3/4"	5/8" Female JIC Swivel 37° Flare	16.30
04345317	12G-12FJX	3/4"	3/4" Female JIC Swivel 37° Flare	14.70
04338959	12G-14FJX	3/4"	7/8" Female JIC Swivel 37° Flare	17.27
04388972	12G-16FJX	3/4"	1" Female JIC Swivel 37° Flare	17.56
00485978	16GE-12FJX	1"	3/4" Female JIC Swivel 37° Flare	28.53
01674441	16GE-14FJX	1"	7/8" Female JIC Swivel 37° Flare	43.21
00278769	16GE-16FJX	1"	1" Female JIC Swivel 37° Flare	27.29
00486090	16GE-20FJX	1"	1-1/4" Female JIC Swivel 37° Flare	34.76



MegaCrimp® One-Piece Coupling Female JIC Swivel 37° Flare - 90° Bent Tube

- Robust "bite-the-wire" crimp
- Versatile
- Low profile
- Full stem insertion
- Full-length crimp
- Easy-to-manage inventory reduces SKUs
- TuffCoat™ plating for 500% better corrosion resistance
- Fully qualified EN-performance coupling
- Used with the high and medium pressure Gates Hose Series: G2, M3K



Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Angle Of Block Or Bent Tube°	Price
04287214	4G-4FJX90M	1/4"	1/4" Female JIC Swivel 37° Flare	90° Medium Length Bent Tube	\$15.96
04287215	4G-4FJX90L	1/4"	1/4" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	16.93
04287216	4G-5FJX90-023	1/4"	5/16" Female JIC Swivel 37° Flare	90° Short Length Bent Tube	16.28
04287217	4G-5FJX90M	1/4"	5/16" Female JIC Swivel 37° Flare	90° Medium Length Bent Tube	20.79
04287218	4G-5FJX90L	1/4"	5/16" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	19.18
04287219	4G-6FJX90S	1/4"	3/8" Female JIC Swivel 37° Flare	90° Short Length Bent Tube	16.65
04287220	4G-6FJX90M	1/4"	3/8" Female JIC Swivel 37° Flare	90° Medium Length Bent Tube	19.54
04287221	4G-6FJX90L	1/4"	3/8" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	18.47
04287222	6G-4FJX90S	3/8"	1/4" Female JIC Swivel 37° Flare	90° Short Length Bent Tube	20.34
04287223	6G-4FJX90L	3/8"	1/4" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	23.21
04287224	6G-6FJX90S	3/8"	3/8" Female JIC Swivel 37° Flare	90° Short Length Bent Tube	15.54
04287225	6G-6FJX90M	3/8"	3/8" Female JIC Swivel 37° Flare	90° Medium Length Bent Tube	18.50
04287226	6G-6FJX90L	3/8"	3/8" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	20.38
04287228	6G-8FJX90S	3/8"	1/2" Female JIC Swivel 37° Flare	90° Short Length Bent Tube	18.04
04287229	6G-8FJX90M	3/8"	1/2" Female JIC Swivel 37° Flare	90° Medium Length Bent Tube	19.72
04287230	6G-8FJX90L	3/8"	1/2" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	22.17
04287227	6G-10FJX90M	3/8"	5/8" Female JIC Swivel 37° Flare	90° Medium Length Bent Tube	25.57
04251588	8G-8FJX90S	1/2"	1/2" Female JIC Swivel 37° Flare	90° Short Length Bent Tube	18.82
04251589	8G-8FJX90M	1/2"	1/2" Female JIC Swivel 37° Flare	90° Medium Length Bent Tube	21.34
04251590	8G-8FJX90L	1/2"	1/2" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	22.64
04251591	8G-10FJX90S	1/2"	5/8" Female JIC Swivel 37° Flare	90° Short Length Bent Tube	24.57
04251592	8G-10FJX90M	1/2"	5/8" Female JIC Swivel 37° Flare	90° Medium Length Bent Tube	25.57
04251593	8G-10FJX90L	1/2"	5/8" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	25.36
00485984	10GE-10FJX90S	5/8"	5/8" Female JIC Swivel 37° Flare	90° Short Length Bent Tube	26.71
01372560	10GE-10FJX90M	5/8"	5/8" Female JIC Swivel 37° Flare	90° Medium Length Bent Tube	33.87
02064887	10GE-10FJX90L	5/8"	5/8" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	32.82
00485985	10GE-12FJX90S	5/8"	3/4" Female JIC Swivel 37° Flare	90° Short Length Bent Tube	30.66
03451560	10GE-12FJX90M	5/8"	3/4" Female JIC Swivel 37° Flare	90° Medium Length Bent Tube	33.54
02372426	10GE-12FJX90L	5/8"	3/4" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	41.70
04388975	12G-12FJX90S	3/4"	3/4" Female JIC Swivel 37° Flare	90° Short Length Bent Tube	33.05
04338967	12G-12FJX90M	3/4"	3/4" Female JIC Swivel 37° Flare	90° Medium Length Bent Tube	37.80
04387126	12G-12FJX90L	3/4"	3/4" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	38.58
02089944	12GE-14FJX90S	3/4"	7/8" Female JIC Swivel 37° Flare	90° Short Length Bent Tube	48.51
04388978	12G-16FJX90S	3/4"	1" Female JIC Swivel 37° Flare	90° Short Length Bent Tube	50.07
00278783	16GE-16FJX90S	1"	1" Female JIC Swivel 37° Flare	90° Short Length Bent Tube	52.07
00278790	16GE-16FJX90M	1"	1" Female JIC Swivel 37° Flare	90° Medium Length Bent Tube	56.07
00485990	16GE-16FJX90L	1"	1" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	56.98
02089945	16GE-20FJX90S	1"	1-1/4" Female JIC Swivel 37° Flare	90° Short Length Bent Tube	67.49



MegaCrimp® One-Piece Coupling
Female Pipe - Swivel

- Robust "bite-the-wire" crimp
- Versatile
- Low profile
- Full stem insertion
- Full-length crimp
- Easy-to-manage inventory reduces SKUs
- TuffCoat™ plating for 500% better corrosion resistance
- Fully qualified EN-performance coupling
- Used with the high and medium pressure Gates Hose Series: G2, M3K



Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Price
00278739	4G-4FPX	1/4"	1/4" Female Pipe Swivel	\$10.75
00278740	6G-6FPX	3/8"	3/8" Female Pipe Swivel	14.85
00278741	8G-8FPX	1/2"	1/2" Female Pipe Swivel	16.24
00278742	12G-12FPX	3/4"	3/4" Female Pipe Swivel	20.34
00485968	16G-16FPX	1"	1" Female Pipe Swivel	29.76

MegaCrimp® One-Piece Coupling
Male JIC 37° Flare

- Robust "bite-the-wire" crimp
- Versatile
- Low profile
- Full stem insertion
- Full-length crimp
- Easy-to-manage inventory reduces SKUs
- TuffCoat™ plating for 500% better corrosion resistance
- Fully qualified EN-performance coupling
- Used with the high and medium pressure Gates Hose Series: G2, M3K



Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Price
04287231	4G-4MJ	1/4"	1/4" Male JIC 37° Flare	\$6.14
04287232	4G-5MJ	1/4"	5/16" Male JIC 37° Flare	6.91
04287233	4G-6MJ	1/4"	3/8" Male JIC 37° Flare	7.29
04287234	6G-6MJ	3/8"	3/8" Male JIC 37° Flare	7.20
04287235	6G-8MJ	3/8"	1/2" Male JIC 37° Flare	8.10
04287236	6G-10MJ	3/8"	5/8" Male JIC 37° Flare	9.45
02372405	10GE-8MJ	5/8"	1/2" Male JIC 37° Flare	35.23
00485971	10GE-10MJ	5/8"	5/8" Male JIC 37° Flare	14.56
00485972	10GE-12MJ	5/8"	3/4" Male JIC 37° Flare	16.04
04388984	12G-10MJ	3/4"	5/8" Male JIC 37° Flare	16.60
04388981	12G-12MJ	3/4"	3/4" Male JIC 37° Flare	12.97
04388982	12G-14MJ	3/4"	7/8" Male JIC 37° Flare	16.00
04388983	12G-16MJ	3/4"	1" Male JIC 37° Flare	16.48
00278755	16GE-16MJ	1"	1" Male JIC 37° Flare	25.45
02067488	16GE-20MJ	1"	1-1/4" Male JIC 37° Flare	34.44



MegaCrimp® One-Piece Coupling Male Pipe - Rigid

- Robust "bite-the-wire" crimp
- Versatile
- Low profile
- Full stem insertion
- Full-length crimp
- Easy-to-manage inventory reduces SKUs
- TuffCoat™ plating for 500% better corrosion resistance
- Fully qualified EN-performance coupling
- Used with the high and medium pressure Gates Hose Series: G2, M3K



Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Price
00278707	4G-2MP	1/4"	1/8" Male Pipe	\$5.45
00278708	4G-4MP	1/4"	1/4" Male Pipe	4.98
00278709	4G-6MP	1/4"	3/8" Male Pipe	5.59
00278710	4G-8MP	1/4"	1/2" Male Pipe	6.59
00278712	6G-4MP	3/8"	1/4" Male Pipe	6.21
00278715	6G-6MP	3/8"	3/8" Male Pipe	5.65
00278717	6G-8MP	3/8"	1/2" Male Pipe	6.74
00278719	8G-6MP	1/2"	3/8" Male Pipe	6.95
00278720	8G-8MP	1/2"	1/2" Male Pipe	6.33
00278721	8G-12MP	1/2"	3/4" Male Pipe	9.32
00485953	10G-8MP	5/8"	1/2" Male Pipe	14.76
00485954	10G-12MP	5/8"	3/4" Male Pipe	14.82
00278722	12G-8MP	3/4"	1/2" Male Pipe	12.84
00278723	12G-12MP	3/4"	3/4" Male Pipe	11.77
00278724	12G-16MP	3/4"	1" Male Pipe	14.67
00486086	16G-12MP	1"	3/4" Male Pipe	23.95
00278725	16G-16MP	1"	1" Male Pipe	22.82

MegaCrimp® One-Piece Coupling Male Pipe - Swivel

- Robust "bite-the-wire" crimp
- Versatile
- Low profile
- Full stem insertion
- Full-length crimp
- Easy-to-manage inventory reduces SKUs
- TuffCoat™ plating for 500% better corrosion resistance
- Fully qualified EN-performance coupling
- Used with the high and medium pressure Gates Hose Series: G2, M3K



Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Price
02628787	4G-2MPX	1/4"	1/8" Male Pipe Swivel	\$13.97
00278726	4G-4MPX	1/4"	1/4" Male Pipe Swivel	9.98
00278727	4G-6MPX	1/4"	3/8" Male Pipe Swivel	11.39
00485957	4G-8MPX	1/4"	1/2" Male Pipe Swivel	13.35
00278728	6G-4MPX	3/8"	1/4" Male Pipe Swivel	12.04
00278729	6G-6MPX	3/8"	3/8" Male Pipe Swivel	10.91
00278730	6G-8MPX	3/8"	1/2" Male Pipe Swivel	12.38
00278731	8G-6MPX	1/2"	3/8" Male Pipe Swivel	14.75
00278732	8G-8MPX	1/2"	1/2" Male Pipe Swivel	13.08
01454700	10G-12MPX	5/8"	3/4" Male Pipe Swivel	26.71
00485958	12G-8MPX	3/4"	1/2" Male Pipe Swivel	25.08
00278733	12G-12MPX	3/4"	3/4" Male Pipe Swivel	22.86
00278734	16G-16MPX	1"	1" Male Pipe Swivel	34.80

SHIPPING & HANDLING CHARGES APPLY

See page 2 for your local phone number



MegaCrimp® One-Piece Coupling
Male Pipe - Swivel - 90° Standard Length Block Elbow

- Robust "bite-the-wire" crimp
- Versatile
- Low profile
- Full stem insertion
- Full-length crimp
- Easy-to-manage inventory reduces SKUs
- TuffCoat™ plating for 500% better corrosion resistance
- Fully qualified EN-performance coupling
- Used with the high and medium pressure Gates Hose Series: G2, M3K



Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Price
03527652	4G-2MPX90	1/4"	1/8" Male Pipe Swivel	\$25.89
00278743	4G-4MPX90	1/4"	1/4" Male Pipe Swivel	17.20
00485959	4G-6MPX90	1/4"	3/8" Male Pipe Swivel	20.22
00485960	6G-4MPX90	3/8"	1/4" Male Pipe Swivel	27.55
00278744	6G-6MPX90	3/8"	3/8" Male Pipe Swivel	21.79
02754294	6G-8MPX90	3/8"	1/2" Male Pipe Swivel	22.86
02089951	8G-6MPX90	1/2"	3/8" Male Pipe Swivel	28.94
00278745	8G-8MPX90	1/2"	1/2" Male Pipe Swivel	23.37
00485962	12G-12MPX90	3/4"	3/4" Male Pipe Swivel	43.50

MegaCrimp® One-Piece Coupling
Male Flat-Face O-Ring

- Robust "bite-the-wire" crimp
- Low profile
- Full stem insertion
- Full-length crimp
- Easy-to-manage inventory reduces SKUs
- TuffCoat™ plating for 500% better corrosion resistance
- Fully qualified EN-performance coupling
- Used with the high and medium pressure Gates Hose Series: G2, M3K



Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Price
02059812	4G-4MFFOR	1/4"	1/4" Male Flat-Face O-Ring	\$8.11
02059814	4G-6MFFOR	1/4"	3/8" Male Flat-Face O-Ring	13.41
02059815	6G-6MFFOR	3/8"	3/8" Male Flat-Face O-Ring	9.19
02059816	6G-8MFFOR	3/8"	1/2" Male Flat-Face O-Ring	18.00
02059818	6G-10MFFOR	3/8"	5/8" Male Flat-Face O-Ring	20.05
02059819	8G-8MFFOR	1/2"	1/2" Male Flat-Face O-Ring	10.69
02059820	8G-10MFFOR	1/2"	5/8" Male Flat-Face O-Ring	12.01
03230959	8G-12MFFOR	1/2"	3/4" Male Flat-Face O-Ring	12.08
02059821	10G-10MFFOR	5/8"	5/8" Male Flat-Face O-Ring	23.64
02059822	10G-12MFFOR	5/8"	3/4" Male Flat-Face O-Ring	24.11
02059823	12G-12MFFOR	3/4"	3/4" Male Flat-Face O-Ring	21.11
02059825	12G-16MFFOR	3/4"	1" Male Flat-Face O-Ring	31.69
02059826	16G-16MFFOR	1"	1" Male Flat-Face O-Ring	28.85
02372431	16G-20MFFOR	1"	1-1/4" Male Flat-Face O-Ring	41.97



Coll-O-Crimp® U Series One-Piece Coupling Female JIC Swivel 37° Flare

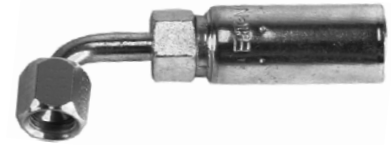
- Wide selection of hose and end configurations allowing a diverse number of applications
- An ideal series to introduce hydraulics
- General purpose low, medium, and high pressure hydraulic
- Used with the following medium and high pressure Weatherhead Hose Series: H245, H425

EATON | WEATHERHEAD®
Powering Business Worldwide


Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Price
00338658	04U-604	1/4"	1/4" Female JIC Swivel 37° Flare	\$4.67
00338660	04U-605	1/4"	5/16" Female JIC Swivel 37° Flare	4.74
00338662	04U-606	1/4"	3/8" Female JIC Swivel 37° Flare	4.77
00339075	06U-604	3/8"	1/4" Female JIC Swivel 37° Flare	5.88
00339074	06U-606	3/8"	3/8" Female JIC Swivel 37° Flare	5.50
00339076	06U-608	3/8"	1/2" Female JIC Swivel 37° Flare	5.50
00339078	06U-610	3/8"	5/8" Female JIC Swivel 37° Flare	8.65
00339080	06U-612	3/8"	3/4" Female JIC Swivel 37° Flare	17.31
00339315	08U-606	1/2"	3/8" Female JIC Swivel 37° Flare	8.81
00339316	08U-608	1/2"	1/2" Female JIC Swivel 37° Flare	7.18
00339317	08U-610	1/2"	5/8" Female JIC Swivel 37° Flare	7.26
00339318	08U-612	1/2"	3/4" Female JIC Swivel 37° Flare	11.47
00339320	08U-616	1/2"	1" Female JIC Swivel 37° Flare	20.78
00339520	10U-608	5/8"	1/2" Female JIC Swivel 37° Flare	19.41
00339521	10U-610	5/8"	5/8" Female JIC Swivel 37° Flare	12.47
00339522	10U-612	5/8"	3/4" Female JIC Swivel 37° Flare	11.79
00339616	12U-610	3/4"	5/8" Female JIC Swivel 37° Flare	12.59
00339618	12U-612	3/4"	3/4" Female JIC Swivel 37° Flare	11.77
00339724	12U-614	3/4"	7/8" Female JIC Swivel 37° Flare	15.09
00339726	12U-616	3/4"	1" Female JIC Swivel 37° Flare	13.32
02452004	16U-612	1"	3/4" Female JIC Swivel 37° Flare	22.89
00339769	16U-614	1"	7/8" Female JIC Swivel 37° Flare	34.66
00339770	16U-616	1"	1" Female JIC Swivel 37° Flare	17.44



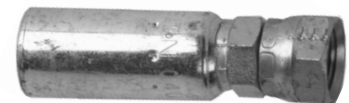
Coll-O-Crimp® U Series One-Piece Coupling
Female JIC Swivel 37° Flare - 90° Bent Tube



- Wide selection of hose and end configurations allowing a diverse number of applications
- An ideal series to introduce hydraulics
- General purpose low, medium, and high pressure hydraulic
- Used with the medium and high pressure Weatherhead Hose Series: H245, H425

Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Angle Of Block Or Bent Tube°	Price
00338664	04U-664	1/4"	1/4" Female JIC Swivel 37° Flare	90° Standard Length Bent Tube	\$11.79
02042204	04U-644	1/4"	1/4" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	16.77
00338666	04U-665	1/4"	5/16" Female JIC Swivel 37° Flare	90° Standard Length Bent Tube	13.00
00338673	04U-666	1/4"	3/8" Female JIC Swivel 37° Flare	90° Standard Length Bent Tube	11.88
00338954	06U-664	3/8"	1/4" Female JIC Swivel 37° Flare	90° Standard Length Bent Tube	14.96
00339079	06U-644	3/8"	1/4" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	16.18
00339082	06U-666	3/8"	3/8" Female JIC Swivel 37° Flare	90° Standard Length Bent Tube	11.79
00339081	06U-646	3/8"	3/8" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	18.38
00339084	06U-668	3/8"	1/2" Female JIC Swivel 37° Flare	90° Standard Length Bent Tube	14.79
00339322	08U-668	1/2"	1/2" Female JIC Swivel 37° Flare	90° Standard Length Bent Tube	14.56
00339319	08U-648	1/2"	1/2" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	22.21
00339323	08U-670	1/2"	5/8" Female JIC Swivel 37° Flare	90° Standard Length Bent Tube	17.39
00339321	08U-650	1/2"	5/8" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	15.03
00339523	10U-670	5/8"	5/8" Female JIC Swivel 37° Flare	90° Standard Length Bent Tube	19.27
01473420	10U-672	5/8"	3/4" Female JIC Swivel 37° Flare	90° Standard Length Bent Tube	21.88
00339728	12U-670	3/4"	5/8" Female JIC Swivel 37° Flare	90° Standard Length Bent Tube	34.95
00339730	12U-672	3/4"	3/4" Female JIC Swivel 37° Flare	90° Standard Length Bent Tube	24.74
00339727	12U-652	3/4"	3/4" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	18.24
00339772	16U-676	1"	1" Female JIC Swivel 37° Flare	90° Standard Length Bent Tube	40.07
00339774	16U-656L33	1"	1" Female JIC Swivel 37° Flare	90° Long Length Bent Tube	32.76

Coll-O-Crimp® U Series One-Piece Coupling
Female Pipe - Swivel



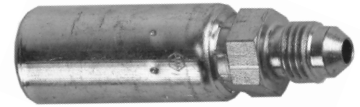
- Wide selection of hose and end configurations allowing a diverse number of applications
- An ideal series to introduce hydraulics
- General purpose low, medium, and high pressure hydraulic
- Connects to male pipe fitting with internal seat
- Used with the medium and high pressure Weatherhead Hose Series: H245, H425

Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Price
00338525	04U-054	1/4"	1/4" Female Pipe Swivel	\$8.68
00338924	06U-056	3/8"	3/8" Female Pipe Swivel	9.30
00339300	08U-058	1/2"	1/2" Female Pipe Swivel	11.06
00339582	12U-062	3/4"	3/4" Female Pipe Swivel	19.15
00339759	16U-066	1"	1" Female Pipe Swivel	24.86



Coll-O-Crimp® U Series One-Piece Coupling Male JIC 37° Flare

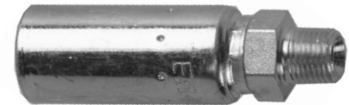
- Wide selection of hose and end configurations allowing a diverse number of applications
- An ideal series to introduce hydraulics
- General purpose low, medium, and high pressure hydraulic
- Used with the medium and high pressure Weatherhead Hose Series: H245, H425

EATON | WEATHERHEAD®
Powering Business Worldwide


Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Price
00338543	04U-504	1/4"	1/4" Male JIC 37° Flare	\$4.77
00338545	04U-505	1/4"	5/16" Male JIC 37° Flare	5.04
00338547	04U-506	1/4"	3/8" Male JIC 37° Flare	5.27
00339066	06U-506	3/8"	3/8" Male JIC 37° Flare	5.21
00339068	06U-508	3/8"	1/2" Male JIC 37° Flare	5.88
00339070	06U-510	3/8"	5/8" Male JIC 37° Flare	7.93
00339310	08U-508	1/2"	1/2" Male JIC 37° Flare	6.29
00339311	08U-510	1/2"	5/8" Male JIC 37° Flare	6.71
00339312	08U-512	1/2"	3/4" Male JIC 37° Flare	8.47
00339343	10U-508	5/8"	1/2" Male JIC 37° Flare	15.78
00339650	10U-510	5/8"	5/8" Male JIC 37° Flare	7.88
00339344	10U-512	5/8"	3/4" Male JIC 37° Flare	11.53
00339604	12U-510	3/4"	5/8" Male JIC 37° Flare	17.89
00339606	12U-512	3/4"	3/4" Male JIC 37° Flare	8.79
00339610	12U-516	3/4"	1" Male JIC 37° Flare	13.71
00339768	16U-516	1"	1" Male JIC 37° Flare	18.57
00304936	16U-520	1"	1-1/4" Male JIC 37° Flare	46.74

Coll-O-Crimp® U Series One-Piece Coupling Male Pipe - Rigid

- Wide selection of hose and end configurations allowing a diverse number of applications
- An ideal series to introduce hydraulics
- General purpose low, medium, and high pressure hydraulic
- Used with the medium and high pressure Weatherhead Hose Series: H245, H425

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Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Price
00338527	04U-102	1/4"	1/8" Male Pipe	\$3.15
00338529	04U-104	1/4"	1/4" Male Pipe	4.29
00338531	04U-106	1/4"	3/8" Male Pipe	4.21
00338928	06U-104	3/8"	1/4" Male Pipe	3.91
00338930	06U-106	3/8"	3/8" Male Pipe	4.44
00338932	06U-108	3/8"	1/2" Male Pipe	5.18
02383016	08U-104	1/2"	1/4" Male Pipe	14.22
00339303	08U-106	1/2"	3/8" Male Pipe	4.91
00339304	08U-108	1/2"	1/2" Male Pipe	5.04
00339305	08U-112	1/2"	3/4" Male Pipe	7.71
00339340	10U-106	5/8"	3/8" Male Pipe	14.20
00339341	10U-108	5/8"	1/2" Male Pipe	11.77
00339342	10U-112	5/8"	3/4" Male Pipe	10.59
00339584	12U-108	3/4"	1/2" Male Pipe	11.97
00339586	12U-112	3/4"	3/4" Male Pipe	9.08
00339588	12U-116	3/4"	1" Male Pipe	12.24
00339761	16U-112	1"	3/4" Male Pipe	13.61
00339763	16U-116	1"	1" Male Pipe	11.77



Coll-O-Crimp® U Series One-Piece Coupling

Male Pipe - Swivel

- Wide selection of hose and end configurations allowing a diverse number of applications
- An ideal series to introduce hydraulics
- General purpose low, medium, and high pressure hydraulic
- Swivel for installation purposes only
- Not for temperatures above 212°F
- Used with the medium and high pressure Weatherhead Hose Series: H245, H425

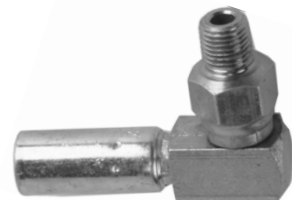


Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Price
00338511	04U-J04	1/4"	1/4" Male Pipe Swivel	\$8.15
00338890	06U-J04	3/8"	1/4" Male Pipe Swivel	8.65
00338892	06U-J06	3/8"	3/8" Male Pipe Swivel	6.98
00338894	06U-J08	3/8"	1/2" Male Pipe Swivel	8.91
02512380	08U-J06	1/2"	3/8" Male Pipe Swivel	10.32
00339270	08U-J08	1/2"	1/2" Male Pipe Swivel	8.12
00339564	12U-J12	3/4"	3/4" Male Pipe Swivel	13.26
00339753	16U-J16	1"	1" Male Pipe Swivel	24.97

Coll-O-Crimp® U Series One-Piece Coupling

Male Pipe - Swivel - 90° Standard Length Block Elbow

- Wide selection of hose and end configurations allowing a diverse number of applications
- An ideal series to introduce hydraulics
- General purpose low, medium, and high pressure hydraulic
- Swivel for installation purposes only
- Not for temperatures above 212°F
- Used with the medium and high pressure Weatherhead Hose Series: H245, H425

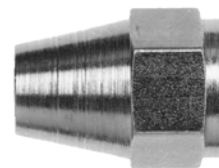


Item #	Mfr Part #	Hose Inside Diameter	End Type Connection	Price
00304880	04U-M04	1/4"	1/4" Male Pipe Swivel	\$25.04
00338895	06U-M06	3/8"	3/8" Male Pipe Swivel	15.59
00304910	08U-M08	1/2"	1/2" Male Pipe Swivel	11.74
03098786	12U-M12	3/4"	3/4" Male Pipe Swivel	31.08

Cap Nut

Series 0304

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools



Item #	Mfr Part #	One End Thread Size	Price
00317956	0304-04	1/4" Female Pipe - Rigid	\$0.67
00317966	0304-06	3/8" Female Pipe - Rigid	0.67
00317971	0304-08	1/2" Female Pipe - Rigid	0.95
00317977	0304-10	5/8" Female Pipe - Rigid	1.49
00317982	0304-12	3/4" Female Pipe - Rigid	3.16
00317990	0304-16	1" Female Pipe - Rigid	9.17
00317995	0304-20	1-1/4" Female Pipe - Rigid	14.01
00317998	0304-24	1-1/2" Female Pipe - Rigid	34.58



SAE J514 Working Pressure Ratings Capable of 4 to 1 Minimum Burst

Note: In the case of a fitting that is a jump size, it is recommend that the lower pressure of the two ends must be recognized as the working pressure rating for that fitting. This is also the case if the fitting has one or more different style ends. For example, straight threads to pipe threads. In this case it is also recommended that the lower pressure rating of the two different style ends must be recognized as the working pressure rating for that fitting.

Nom SAE Dash Size	Nom Tube O.D. M.M.	Nom Tube O.D. Inch	Straight Thread Size	Nom Pipe Size	Rigid SAE St. Thread Unions & Bulkhead MPa	Rigid SAE St. Thread Unions & Bulkhead PSI	Adjustable SAE Std. Thread & Female Swivel MPa	Adjustable SAE Std. Thread & Female Swivel PSI	Fittings with Pipe Thread MPa	Fittings with Pipe Thread PSI	NPSM Std. Pipe Thread Maximum Operating Pressure MPa	NPSM Std. Pipe Thread Maximum Operating Pressure PSI
2	3.18	0.125	5/16-24	1/8	34.5	5,000	34.5	5,000	34.5	5,000	34.5	5,000
3	4.76	0.188	3/8-24	1/8	34.5	5,000	34.5	5,000	34.5	5,000	—	—
4	6.35	0.250	7/16-20	1/8	34.5	5,000	31.0	4,500	34.5	5,000	34.5	5,000
5	7.94	0.313	1/2-20	1/8	34.5	5,000	27.5	4,000	34.5	5,000	—	—
6	9.52	0.375	9/16-18	1/4	34.5	5,000	27.5	4,000	27.5	4,000	27.5	4,000
8	12.70	0.500	3/4-16	3/8	31.0	4,500	27.5	4,000	21.0	3,000	24.1	3,500
10	15.88	0.625	7/8-14	1/2	24.0	3,500	21.0	3,000	21.0	3,000	—	—
12	19.05	0.750	1 1/16-12	3/4	24.0	3,500	21.0	3,000	17.0	2,500	15.5	2,250
14	22.22	0.875	1 3/16-12	3/4	21.0	3,000	17.0	2,500	17.0	2,500	—	—
16	25.40	1.000	1 5/16-12	1	21.0	3,000	17.0	2,500	14.0	2,000	13.8	2,000
20	31.75	1.250	1 5/8-12	1 1/4	17.0	2,500	14.0	2,000	8.0	1,150	11.2	1,625
24	38.10	1.500	1 7/8-12	1 1/2	14.0	2,000	10.5	1,500	7.0	1,000	8.6	1,250
32	50.30	2.000	2 1/2-12	2	10.5	1,500	8.0	1,125	7.0	1,000	7.8	1,125

MPa (Mega Paskels) – 1 MPa = 145 PSI

SAE J1453 Working, Proof & Minimum Pressures for Face Seal Fittings

Note: In the case of a fitting that is a jump size, it is recommend that the lower pressure of the two ends must be recognized as the working pressure rating for that fitting. This is also the case if the fitting has one or more different style ends. For example, Face Seal to pipe threads. In this case it is also recommended that the lower pressure rating of the two different style ends must be recognized as the working pressure rating for that fitting.

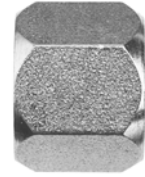
Nom SAE Dash Size	Straight Fittings Working MPa	Straight Fittings Working PSI	Straight Fittings Proof MPa	Straight Fittings Proof PSI	Straight Fittings Min. Burst MPa	Straight Fittings Min. Burst PSI	Adjustable Fittings Working MPa	Adjustable Fittings Working PSI	Adjustable Fittings Proof MPa	Adjustable Fittings Proof PSI	Adjustable Fittings Min. Burst MPa	Adjustable Fittings Min. Burst PSI
4	41.3	6,000	82.5	12,000	165	24,000	41.3	6,000	82.5	12,000	165.0	24,000
6	41.3	6,000	82.5	12,000	165	24,000	41.3	6,000	82.5	12,000	165.0	24,000
8	41.3	6,000	82.5	12,000	165	24,000	41.3	6,000	82.5	12,000	165.0	24,000
10	41.3	6,000	82.5	12,000	165	24,000	41.3	6,000	82.5	12,000	165.0	24,000
12	41.3	6,000	82.5	12,000	165	24,000	41.3	6,000	82.5	12,000	165.0	24,000
16	41.3	6,000	82.5	12,000	165	24,000	34.5	5,000	69.9	10,000	138.0	20,000
20	27.5	4,000	55.0	8,000	110	16,000	27.5	4,000	55.0	8,000	110.0	16,000
24	27.5	4,000	55.0	8,000	110	16,000	20.7	3,000	41.3	6,000	82.5	12,000

MPa (Mega Paskels) – 1 MPa = 145 PSI



**JIC Cap Nut
Series 0304-C JIC**

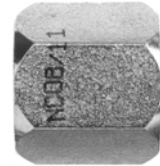
- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools



Item #	Mfr Part #	One End Thread Size	Price
00339221	0304-C-02	1/8" Female JIC 37° Flare	\$1.98
00339220	0304-C-03	3/16" Female JIC 37° Flare	1.79
00317032	0304-C-04	1/4" Female JIC 37° Flare	0.38
00317053	0304-C-06	3/8" Female JIC 37° Flare	0.46
00317064	0304-C-08	1/2" Female JIC 37° Flare	0.84
00317075	0304-C-10	5/8" Female JIC 37° Flare	1.33
00317085	0304-C-12	3/4" Female JIC 37° Flare	1.70
00317104	0304-C-16	1" Female JIC 37° Flare	2.76
00317114	0304-C-20	1-1/4" Female JIC 37° Flare	6.61
00317125	0304-C-24	1-1/2" Female JIC 37° Flare	11.74
00317135	0304-C-32	2" Female JIC 37° Flare	34.00

**JIC Tube Nut
Series 0318 JIC**

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools

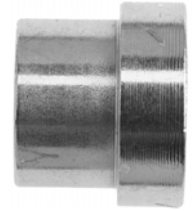


Item #	Mfr Part #	One End Thread Size	Price
00339217	0318-02	1/8" Female JIC 37° Flare	\$0.44
00339216	0318-03	3/16" Female JIC 37° Flare	0.44
00317402	0318-04	1/4" Female JIC 37° Flare	0.27
00317424	0318-06	3/8" Female JIC 37° Flare	0.38
00317435	0318-08	1/2" Female JIC 37° Flare	0.57
00317446	0318-10	5/8" Female JIC 37° Flare	0.88
00317457	0318-12	3/4" Female JIC 37° Flare	1.20
00317479	0318-16	1" Female JIC 37° Flare	1.91
00317490	0318-20	1-1/4" Female JIC 37° Flare	3.96
00317502	0318-24	1-1/2" Female JIC 37° Flare	5.81
00317512	0318-32	2" Female JIC 37° Flare	20.54



JIC Tube Sleeve
Series 0319 JIC

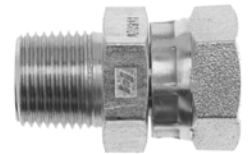
- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools



Item #	Mfr Part #	One End Thread Size	Price
00339219	0319-02	1/8" JIC 37° Flare	\$0.36
00339218	0319-03	3/16" JIC 37° Flare	0.34
00317608	0319-04	1/4" JIC 37° Flare	0.32
00317631	0319-06	3/8" JIC 37° Flare	0.23
00317642	0319-08	1/2" JIC 37° Flare	0.29
00317653	0319-10	5/8" JIC 37° Flare	0.48
00317664	0319-12	3/4" JIC 37° Flare	0.61
00317686	0319-16	1" JIC 37° Flare	1.14
00317697	0319-20	1-1/4" JIC 37° Flare	2.15
00317708	0319-24	1-1/2" JIC 37° Flare	3.62
00317718	0319-32	2" JIC 37° Flare	10.86

Straight Adapter
Series 1404 MP - FPS Straight

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel, built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00320917	1404-02-02	1/8" Male Pipe - Rigid	1/8" Female Pipe - Swivel	\$1.37
00320929	1404-02-04	1/8" Male Pipe - Rigid	1/4" Female Pipe - Swivel	1.51
00316006	1404-04-02	1/4" Male Pipe - Rigid	1/8" Female Pipe - Swivel	1.98
00320938	1404-04-04	1/4" Male Pipe - Rigid	1/4" Female Pipe - Swivel	1.37
00320952	1404-04-06	1/4" Male Pipe - Rigid	3/8" Female Pipe - Swivel	1.94
00322324	1404-04-08	1/4" Male Pipe - Rigid	1/2" Female Pipe - Swivel	10.39
00320964	1404-06-04	3/8" Male Pipe - Rigid	1/4" Female Pipe - Swivel	1.98
00320974	1404-06-06	3/8" Male Pipe - Rigid	3/8" Female Pipe - Swivel	1.87
00321000	1404-06-08	3/8" Male Pipe - Rigid	1/2" Female Pipe - Swivel	2.36
00316010	1404-08-04	1/2" Male Pipe - Rigid	1/4" Female Pipe - Swivel	4.09
00320988	1404-08-06	1/2" Male Pipe - Rigid	3/8" Female Pipe - Swivel	2.57
00321012	1404-08-08	1/2" Male Pipe - Rigid	1/2" Female Pipe - Swivel	2.36
00321024	1404-08-12	1/2" Male Pipe - Rigid	3/4" Female Pipe - Swivel	4.17
02143680	1404-12-06	3/4" Male Pipe - Rigid	3/8" Female Pipe - Swivel	16.92
00321033	1404-12-08	3/4" Male Pipe - Rigid	1/2" Female Pipe - Swivel	3.81
00321042	1404-12-12	3/4" Male Pipe - Rigid	3/4" Female Pipe - Swivel	3.77
00316013	1404-12-16	3/4" Male Pipe - Rigid	1" Female Pipe - Swivel	8.00
00315982	1404-12-20	3/4" Male Pipe - Rigid	1-1/4" Female Pipe - Swivel	59.61
02157758	1404-16-08	1" Male Pipe - Rigid	1/2" Female Pipe - Swivel	25.29
00321054	1404-16-12	1" Male Pipe - Rigid	3/4" Female Pipe - Swivel	7.24
00321064	1404-16-16	1" Male Pipe - Rigid	1" Female Pipe - Swivel	6.54
00321077	1404-16-20	1" Male Pipe - Rigid	1-1/4" Female Pipe - Swivel	15.23
02480837	1404-16-24	1" Male Pipe - Rigid	1-1/2" Female Pipe - Swivel	48.26
00335023	1404-20-16	1-1/4" Male Pipe - Rigid	1" Female Pipe - Swivel	24.01
00321085	1404-20-20	1-1/4" Male Pipe - Rigid	1-1/4" Female Pipe - Swivel	10.25
00321097	1404-20-24	1-1/4" Male Pipe - Rigid	1-1/2" Female Pipe - Swivel	26.78
00316019	1404-24-20	1-1/2" Male Pipe - Rigid	1-1/4" Female Pipe - Swivel	26.96
00321102	1404-24-24	1-1/2" Male Pipe - Rigid	1-1/2" Female Pipe - Swivel	16.77
00321115	1404-32-32	2" Male Pipe - Rigid	2" Female Pipe - Swivel	33.31

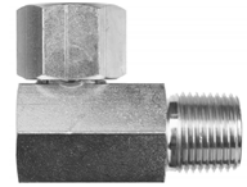
SHIPPING & HANDLING CHARGES APPLY

See page 2 for your local phone number



90° Elbow Adapter
Series 1501-FG MP - FPS 90° Elbow

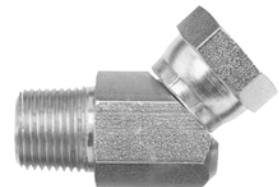
- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Forged one-piece construction, built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00321267	1501-02-02-FG	1/8" Male Pipe - Rigid	1/8" Female Pipe - Swivel	\$2.15
00321278	1501-02-04-FG	1/8" Male Pipe - Rigid	1/4" Female Pipe - Swivel	3.55
00316031	1501-04-02-FG	1/4" Male Pipe - Rigid	1/8" Female Pipe - Swivel	3.75
00321284	1501-04-04-FG	1/4" Male Pipe - Rigid	1/4" Female Pipe - Swivel	2.36
00321296	1501-04-06-FG	1/4" Male Pipe - Rigid	3/8" Female Pipe - Swivel	3.89
00322322	1501-04-08-FG	1/4" Male Pipe - Rigid	1/2" Female Pipe - Swivel	23.84
00321305	1501-06-04-FG	3/8" Male Pipe - Rigid	1/4" Female Pipe - Swivel	3.64
00321315	1501-06-06-FG	3/8" Male Pipe - Rigid	3/8" Female Pipe - Swivel	3.03
00321337	1501-06-08-FG	3/8" Male Pipe - Rigid	1/2" Female Pipe - Swivel	5.16
00321346	1501-08-04-FG	1/2" Male Pipe - Rigid	1/4" Female Pipe - Swivel	5.21
00321327	1501-08-06-FG	1/2" Male Pipe - Rigid	3/8" Female Pipe - Swivel	4.53
00321353	1501-08-08-FG	1/2" Male Pipe - Rigid	1/2" Female Pipe - Swivel	3.79
00321365	1501-08-12-FG	1/2" Male Pipe - Rigid	3/4" Female Pipe - Swivel	7.47
00321373	1501-12-06-FG	3/4" Male Pipe - Rigid	3/8" Female Pipe - Swivel	24.33
00321380	1501-12-08-FG	3/4" Male Pipe - Rigid	1/2" Female Pipe - Swivel	7.28
00321390	1501-12-12-FG	3/4" Male Pipe - Rigid	3/4" Female Pipe - Swivel	6.65
00321402	1501-12-16-FG	3/4" Male Pipe - Rigid	1" Female Pipe - Swivel	14.18
00321430	1501-16-20-FG	1" Male Pipe - Rigid	1-1/4" Female Pipe - Swivel	29.79
00321435	1501-20-16-FG	1-1/4" Male Pipe - Rigid	1" Female Pipe - Swivel	27.18
00321456	1501-24-20-FG	1-1/2" Male Pipe - Rigid	1-1/4" Female Pipe - Swivel	42.82
00321462	1501-24-24-FG	1-1/2" Male Pipe - Rigid	1-1/2" Female Pipe - Swivel	37.68
00321471	1501-32-32-FG	2" Male Pipe - Rigid	2" Female Pipe - Swivel	92.97

45° Elbow Adapter
Series 1503 MP - FPS 45° Elbow

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00316063	1503-02-04	1/8" Male Pipe - Rigid	1/4" Female Pipe - Swivel	\$5.83
02157762	1503-04-02	1/4" Male Pipe - Rigid	1/8" Female Pipe - Swivel	11.74
00316067	1503-04-06	1/4" Male Pipe - Rigid	3/8" Female Pipe - Swivel	9.22
02228781	1503-04-08	1/4" Male Pipe - Rigid	1/2" Female Pipe - Swivel	29.52
00316071	1503-06-04	3/8" Male Pipe - Rigid	1/4" Female Pipe - Swivel	4.47
00321161	1503-06-08	3/8" Male Pipe - Rigid	1/2" Female Pipe - Swivel	9.18
00321167	1503-08-04	1/2" Male Pipe - Rigid	1/4" Female Pipe - Swivel	8.49
02498915	1503-12-06	3/4" Male Pipe - Rigid	3/8" Female Pipe - Swivel	14.24
03065718	1503-12-12	3/4" Male Pipe - Rigid	3/4" Female Pipe - Swivel	7.49
00321215	1503-12-16	3/4" Male Pipe - Rigid	1" Female Pipe - Swivel	19.34
00321242	1503-16-20	1" Male Pipe - Rigid	1-1/4" Female Pipe - Swivel	50.09



45° Elbow Adapter

Series 1503-FG MP - FPS 45° Elbow

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Forged one-piece construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00321126	1503-02-02-FG	1/8" Male Pipe - Rigid	1/8" Female Pipe - Swivel	\$2.63
00321137	1503-04-04-FG	1/4" Male Pipe - Rigid	1/4" Female Pipe - Swivel	2.84
00321149	1503-06-06-FG	3/8" Male Pipe - Rigid	3/8" Female Pipe - Swivel	3.49
00321172	1503-08-06-FG	1/2" Male Pipe - Rigid	3/8" Female Pipe - Swivel	5.80
00321180	1503-08-08-FG	1/2" Male Pipe - Rigid	1/2" Female Pipe - Swivel	4.55
00321191	1503-08-12-FG	1/2" Male Pipe - Rigid	3/4" Female Pipe - Swivel	11.43
00321194	1503-12-08-FG	3/4" Male Pipe - Rigid	1/2" Female Pipe - Swivel	7.09
00321203	1503-12-12-FG	3/4" Male Pipe - Rigid	3/4" Female Pipe - Swivel	6.69
00321221	1503-16-12-FG	1" Male Pipe - Rigid	3/4" Female Pipe - Swivel	13.40
00321231	1503-16-16-FG	1" Male Pipe - Rigid	1" Female Pipe - Swivel	11.55
00316075	1503-20-16-FG	1-1/4" Male Pipe - Rigid	1" Female Pipe - Swivel	15.19
00321246	1503-20-20-FG	1-1/4" Male Pipe - Rigid	1-1/4" Female Pipe - Swivel	22.82
00321255	1503-24-24-FG	1-1/2" Male Pipe - Rigid	1-1/2" Female Pipe - Swivel	35.39
00316079	1503-32-32-FG	2" Male Pipe - Rigid	2" Female Pipe - Swivel	95.31

Straight Adapter

Series 2403 MJ - MJ Straight

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00322331	2403-02-02	1/8" Male JIC 37° Flare	1/8" Male JIC 37° Flare	\$7.90
02157764	2403-03-02	3/16" Male JIC 37° Flare	1/8" Male JIC 37° Flare	12.63
00311646	2403-03-03	3/16" Male JIC 37° Flare	3/16" Male JIC 37° Flare	4.29
01604035	2403-04-02	1/4" Male JIC 37° Flare	1/8" Male JIC 37° Flare	0.86
00311653	2403-04-04	1/4" Male JIC 37° Flare	1/4" Male JIC 37° Flare	0.82
00316128	2403-06-04	3/8" Male JIC 37° Flare	1/4" Male JIC 37° Flare	1.62
00311684	2403-06-06	3/8" Male JIC 37° Flare	3/8" Male JIC 37° Flare	0.88
00311670	2403-08-04	1/2" Male JIC 37° Flare	1/4" Male JIC 37° Flare	4.20
00316133	2403-08-06	1/2" Male JIC 37° Flare	3/8" Male JIC 37° Flare	2.42
00311702	2403-08-08	1/2" Male JIC 37° Flare	1/2" Male JIC 37° Flare	1.33
02228881	2403-10-04	5/8" Male JIC 37° Flare	1/4" Male JIC 37° Flare	8.33
00316004	2403-10-06	5/8" Male JIC 37° Flare	3/8" Male JIC 37° Flare	9.85
00316139	2403-10-08	5/8" Male JIC 37° Flare	1/2" Male JIC 37° Flare	2.84
00311718	2403-10-10	5/8" Male JIC 37° Flare	5/8" Male JIC 37° Flare	2.08
02228884	2403-12-04	3/4" Male JIC 37° Flare	1/4" Male JIC 37° Flare	15.48
00316201	2403-12-06	3/4" Male JIC 37° Flare	3/8" Male JIC 37° Flare	12.06
00322327	2403-12-08	3/4" Male JIC 37° Flare	1/2" Male JIC 37° Flare	5.18
00316144	2403-12-10	3/4" Male JIC 37° Flare	5/8" Male JIC 37° Flare	4.06
00311733	2403-12-12	3/4" Male JIC 37° Flare	3/4" Male JIC 37° Flare	2.67
02480909	2403-16-06	1" Male JIC 37° Flare	3/8" Male JIC 37° Flare	19.53

continued on next page



continued from previous page

Straight Adapter - Series 2403 MJ

Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00338342	2403-16-08	1" Male JIC 37° Flare	1/2" Male JIC 37° Flare	19.49
02228887	2403-16-10	1" Male JIC 37° Flare	5/8" Male JIC 37° Flare	18.66
00311758	2403-16-12	1" Male JIC 37° Flare	3/4" Male JIC 37° Flare	7.18
00311764	2403-16-16	1" Male JIC 37° Flare	1" Male JIC 37° Flare	3.68
02228890	2403-20-12	1-1/4" Male JIC 37° Flare	3/4" Male JIC 37° Flare	26.46
00322274	2403-20-16	1-1/4" Male JIC 37° Flare	1" Male JIC 37° Flare	22.30
00311779	2403-20-20	1-1/4" Male JIC 37° Flare	1-1/4" Male JIC 37° Flare	6.88
02228894	2403-24-12	1-1/2" Male JIC 37° Flare	3/4" Male JIC 37° Flare	64.48
02144055	2403-24-16	1-1/2" Male JIC 37° Flare	1" Male JIC 37° Flare	34.26
00309334	2403-24-20	1-1/2" Male JIC 37° Flare	1-1/4" Male JIC 37° Flare	44.75
00311793	2403-24-24	1-1/2" Male JIC 37° Flare	1-1/2" Male JIC 37° Flare	15.97
02480914	2403-32-20	2" Male JIC 37° Flare	1-1/4" Male JIC 37° Flare	193.31
00309926	2403-32-24	2" Male JIC 37° Flare	1-1/2" Male JIC 37° Flare	193.31
00311804	2403-32-32	2" Male JIC 37° Flare	2" Male JIC 37° Flare	49.76

**Straight Adapter
Series 2404 MJ - MP Straight**



- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel, built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings

Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00316866	2404-02-02	1/8" Male JIC 37° Flare	1/8" Male Pipe - Rigid	\$1.64
00328054	2404-02-04	1/8" Male JIC 37° Flare	1/4" Male Pipe - Rigid	23.27
00339212	2404-03-02	3/16" Male JIC 37° Flare	1/8" Male Pipe - Rigid	0.90
00310032	2404-04-02	1/4" Male JIC 37° Flare	1/8" Male Pipe - Rigid	0.48
00310047	2404-04-04	1/4" Male JIC 37° Flare	1/4" Male Pipe - Rigid	0.61
00310062	2404-04-06	1/4" Male JIC 37° Flare	3/8" Male Pipe - Rigid	1.20
00316869	2404-04-08	1/4" Male JIC 37° Flare	1/2" Male Pipe - Rigid	2.93
02441588	2404-04-12	1/4" Male JIC 37° Flare	3/4" Male Pipe - Rigid	7.44
00310123	2404-06-02	3/8" Male JIC 37° Flare	1/8" Male Pipe - Rigid	0.84
00310108	2404-06-04	3/8" Male JIC 37° Flare	1/4" Male Pipe - Rigid	0.61
00310135	2404-06-06	3/8" Male JIC 37° Flare	3/8" Male Pipe - Rigid	0.93
00310150	2404-06-08	3/8" Male JIC 37° Flare	1/2" Male Pipe - Rigid	1.30
00316872	2404-06-12	3/8" Male JIC 37° Flare	3/4" Male Pipe - Rigid	8.16
00316876	2404-08-02	1/2" Male JIC 37° Flare	1/8" Male Pipe - Rigid	24.94
00310182	2404-08-04	1/2" Male JIC 37° Flare	1/4" Male Pipe - Rigid	1.24
00310165	2404-08-06	1/2" Male JIC 37° Flare	3/8" Male Pipe - Rigid	0.97
00310195	2404-08-08	1/2" Male JIC 37° Flare	1/2" Male Pipe - Rigid	1.26
00310210	2404-08-12	1/2" Male JIC 37° Flare	3/4" Male Pipe - Rigid	2.27
01499957	2404-08-16	1/2" Male JIC 37° Flare	1" Male Pipe - Rigid	16.20
01441703	2404-10-04	5/8" Male JIC 37° Flare	1/4" Male Pipe - Rigid	8.25
00310238	2404-10-06	5/8" Male JIC 37° Flare	3/8" Male Pipe - Rigid	1.75
00310223	2404-10-08	5/8" Male JIC 37° Flare	1/2" Male Pipe - Rigid	1.64
00310251	2404-10-12	5/8" Male JIC 37° Flare	3/4" Male Pipe - Rigid	2.27
00311944	2404-10-16	5/8" Male JIC 37° Flare	1" Male Pipe - Rigid	17.75
00310279	2404-12-06	3/4" Male JIC 37° Flare	3/8" Male Pipe - Rigid	13.64
00310283	2404-12-08	3/4" Male JIC 37° Flare	1/2" Male Pipe - Rigid	2.55
00310265	2404-12-12	3/4" Male JIC 37° Flare	3/4" Male Pipe - Rigid	2.22
00310298	2404-12-16	3/4" Male JIC 37° Flare	1" Male Pipe - Rigid	3.93
00352393	2404-12-20	3/4" Male JIC 37° Flare	1-1/4" Male Pipe - Rigid	21.27
00352505	2404-12-24	3/4" Male JIC 37° Flare	1-1/2" Male Pipe - Rigid	46.31
00310609	2404-16-08	1" Male JIC 37° Flare	1/2" Male Pipe - Rigid	17.09
00310341	2404-16-12	1" Male JIC 37° Flare	3/4" Male Pipe - Rigid	3.77
00310325	2404-16-16	1" Male JIC 37° Flare	1" Male Pipe - Rigid	3.24

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Straight Adapter - Series 2404 MJ

Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00316152	2404-16-20	1" Male JIC 37° Flare	1-1/4" Male Pipe - Rigid	8.42
00309928	2404-16-24	1" Male JIC 37° Flare	1-1/2" Male Pipe - Rigid	31.46
00318443	2404-20-12	1-1/4" Male JIC 37° Flare	3/4" Male Pipe - Rigid	22.94
00310374	2404-20-16	1-1/4" Male JIC 37° Flare	1" Male Pipe - Rigid	8.12
00310359	2404-20-20	1-1/4" Male JIC 37° Flare	1-1/4" Male Pipe - Rigid	6.32
00310387	2404-20-24	1-1/4" Male JIC 37° Flare	1-1/2" Male Pipe - Rigid	27.20
02464142	2404-20-32	1-1/4" Male JIC 37° Flare	2" Male Pipe - Rigid	45.97
00316888	2404-24-16	1-1/2" Male JIC 37° Flare	1" Male Pipe - Rigid	34.68
00310405	2404-24-20	1-1/2" Male JIC 37° Flare	1-1/4" Male Pipe - Rigid	16.26
00310391	2404-24-24	1-1/2" Male JIC 37° Flare	1-1/2" Male Pipe - Rigid	11.21
00318444	2404-24-32	1-1/2" Male JIC 37° Flare	2" Male Pipe - Rigid	75.32
00328192	2404-32-16	2" Male JIC 37° Flare	1" Male Pipe - Rigid	62.64
00311407	2404-32-20	2" Male JIC 37° Flare	1-1/4" Male Pipe - Rigid	43.45
00310508	2404-32-24	2" Male JIC 37° Flare	1-1/2" Male Pipe - Rigid	64.94
00310417	2404-32-32	2" Male JIC 37° Flare	2" Male Pipe - Rigid	26.59
02480948	2404-40-40	2-1/2" Male JIC 37° Flare	2-1/2" Male Pipe - Rigid	100.06

**Straight Adapter
Series 2405 MJ - FP Straight**

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel, built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
02316820	2405-02-02	1/8" Male JIC 37° Flare	1/8" Female Pipe - Rigid	\$5.09
00311949	2405-03-02	3/16" Male JIC 37° Flare	1/8" Female Pipe - Rigid	6.29
02157768	2405-03-04	3/16" Male JIC 37° Flare	1/4" Female Pipe - Rigid	17.20
00311952	2405-04-02	1/4" Male JIC 37° Flare	1/8" Female Pipe - Rigid	0.76
00311965	2405-04-04	1/4" Male JIC 37° Flare	1/4" Female Pipe - Rigid	1.16
01509684	2405-04-06	1/4" Male JIC 37° Flare	3/8" Female Pipe - Rigid	12.77
00328060	2405-04-08	1/4" Male JIC 37° Flare	1/2" Female Pipe - Rigid	16.11
01510042	2405-06-02	3/8" Male JIC 37° Flare	1/8" Female Pipe - Rigid	11.96
00312000	2405-06-04	3/8" Male JIC 37° Flare	1/4" Female Pipe - Rigid	0.99
00312014	2405-06-06	3/8" Male JIC 37° Flare	3/8" Female Pipe - Rigid	1.77
00312028	2405-06-08	3/8" Male JIC 37° Flare	1/2" Female Pipe - Rigid	7.43
03159518	2405-06-12	3/8" Male JIC 37° Flare	3/4" Female Pipe - Rigid	16.69
00312057	2405-08-04	1/2" Male JIC 37° Flare	1/4" Female Pipe - Rigid	12.81
00312030	2405-08-06	1/2" Male JIC 37° Flare	3/8" Female Pipe - Rigid	1.45
00312044	2405-08-08	1/2" Male JIC 37° Flare	1/2" Female Pipe - Rigid	2.38
00314880	2405-08-12	1/2" Male JIC 37° Flare	3/4" Female Pipe - Rigid	17.74
02228906	2405-10-04	5/8" Male JIC 37° Flare	1/4" Female Pipe - Rigid	10.00
00316156	2405-10-06	5/8" Male JIC 37° Flare	3/8" Female Pipe - Rigid	3.88
00312059	2405-10-08	5/8" Male JIC 37° Flare	1/2" Female Pipe - Rigid	2.84
00312073	2405-10-12	5/8" Male JIC 37° Flare	3/4" Female Pipe - Rigid	21.22
02045610	2405-10-16	5/8" Male JIC 37° Flare	1" Female Pipe - Rigid	14.44
00312089	2405-12-08	3/4" Male JIC 37° Flare	1/2" Female Pipe - Rigid	6.31
00312076	2405-12-12	3/4" Male JIC 37° Flare	3/4" Female Pipe - Rigid	3.04
00457072	2405-12-16	3/4" Male JIC 37° Flare	1" Female Pipe - Rigid	20.70
00312121	2405-16-12	1" Male JIC 37° Flare	3/4" Female Pipe - Rigid	18.35
00312108	2405-16-16	1" Male JIC 37° Flare	1" Female Pipe - Rigid	5.16
02065543	2405-16-20	1" Male JIC 37° Flare	1-1/4" Female Pipe - Rigid	39.02
02316822	2405-20-16	1-1/4" Male JIC 37° Flare	1" Female Pipe - Rigid	28.61
00312126	2405-20-20	1-1/4" Male JIC 37° Flare	1-1/4" Female Pipe - Rigid	12.71

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SHIPPING & HANDLING CHARGES APPLY

See page 2 for your local phone number



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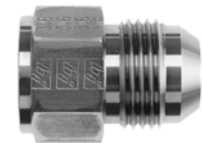
Straight Adapter - Series 2405 MJ

Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
02480965	2405-20-24	1-1/4" Male JIC 37° Flare	1-1/2" Female Pipe - Rigid	100.87
02228910	2405-24-20	1-1/2" Male JIC 37° Flare	1-1/4" Female Pipe - Rigid	86.70
00312139	2405-24-24	1-1/2" Male JIC 37° Flare	1-1/2" Female Pipe - Rigid	27.23
02704246	2405-32-24	2" Male JIC 37° Flare	1-1/2" Female Pipe - Rigid	114.31
00316159	2405-32-32	2" Male JIC 37° Flare	2" Female Pipe - Rigid	49.03

Straight Reducer
Series 2406 FJ - MJ Straight



- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel, built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



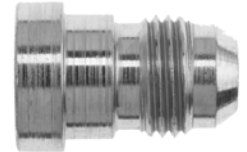
Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
02228913	2406-04-03	1/4" Female JIC 37° Flare	3/16" Male JIC 37° Flare	\$41.94
00309335	2406-04-06	1/4" Female JIC 37° Flare	3/8" Male JIC 37° Flare	19.23
02479288	2406-04-08	1/4" Female JIC 37° Flare	1/2" Male JIC 37° Flare	78.67
01507048	2406-06-02	3/8" Female JIC 37° Flare	1/8" Male JIC 37° Flare	25.07
00315780	2406-06-04	3/8" Female JIC 37° Flare	1/4" Male JIC 37° Flare	1.37
02198730	2406-06-06	3/8" Female JIC 37° Flare	3/8" Male JIC 37° Flare	22.09
00315968	2406-06-08	3/8" Female JIC 37° Flare	1/2" Male JIC 37° Flare	10.23
00315787	2406-08-04	1/2" Female JIC 37° Flare	1/4" Male JIC 37° Flare	2.63
00315793	2406-08-06	1/2" Female JIC 37° Flare	3/8" Male JIC 37° Flare	1.62
00472982	2406-08-10	1/2" Female JIC 37° Flare	5/8" Male JIC 37° Flare	12.67
00315944	2406-08-12	1/2" Female JIC 37° Flare	3/4" Male JIC 37° Flare	19.61
00315799	2406-10-04	5/8" Female JIC 37° Flare	1/4" Male JIC 37° Flare	4.88
00315804	2406-10-06	5/8" Female JIC 37° Flare	3/8" Male JIC 37° Flare	4.55
00315808	2406-10-08	5/8" Female JIC 37° Flare	1/2" Male JIC 37° Flare	2.55
00351977	2406-10-12	5/8" Female JIC 37° Flare	3/4" Male JIC 37° Flare	20.29
02482009	2406-10-16	5/8" Female JIC 37° Flare	1" Male JIC 37° Flare	44.40
00315814	2406-12-04	3/4" Female JIC 37° Flare	1/4" Male JIC 37° Flare	5.55
00315819	2406-12-06	3/4" Female JIC 37° Flare	3/8" Male JIC 37° Flare	5.18
00315826	2406-12-08	3/4" Female JIC 37° Flare	1/2" Male JIC 37° Flare	3.40
00315832	2406-12-10	3/4" Female JIC 37° Flare	5/8" Male JIC 37° Flare	3.61
02480978	2406-12-12	3/4" Female JIC 37° Flare	3/4" Male JIC 37° Flare	40.25
00322272	2406-12-16	3/4" Female JIC 37° Flare	1" Male JIC 37° Flare	25.71
01463223	2406-16-04	1" Female JIC 37° Flare	1/4" Male JIC 37° Flare	20.47
00315903	2406-16-06	1" Female JIC 37° Flare	3/8" Male JIC 37° Flare	20.47
00316164	2406-16-08	1" Female JIC 37° Flare	1/2" Male JIC 37° Flare	8.67
00316169	2406-16-10	1" Female JIC 37° Flare	5/8" Male JIC 37° Flare	8.21
00315843	2406-16-12	1" Female JIC 37° Flare	3/4" Male JIC 37° Flare	6.78
00328143	2406-16-20	1" Female JIC 37° Flare	1-1/4" Male JIC 37° Flare	33.31
00324675	2406-20-06	1-1/4" Female JIC 37° Flare	3/8" Male JIC 37° Flare	37.61
00319567	2406-20-08	1-1/4" Female JIC 37° Flare	1/2" Male JIC 37° Flare	34.91
01507114	2406-20-10	1-1/4" Female JIC 37° Flare	5/8" Male JIC 37° Flare	33.96
00315849	2406-20-12	1-1/4" Female JIC 37° Flare	3/4" Male JIC 37° Flare	18.00
00315854	2406-20-16	1-1/4" Female JIC 37° Flare	1" Male JIC 37° Flare	13.95
00338344	2406-20-24	1-1/4" Female JIC 37° Flare	1-1/2" Male JIC 37° Flare	46.72
02157770	2406-24-08	1-1/2" Female JIC 37° Flare	1/2" Male JIC 37° Flare	53.64
02228923	2406-24-10	1-1/2" Female JIC 37° Flare	5/8" Male JIC 37° Flare	67.71
00479885	2406-24-12	1-1/2" Female JIC 37° Flare	3/4" Male JIC 37° Flare	50.28
00358931	2406-24-16	1-1/2" Female JIC 37° Flare	1" Male JIC 37° Flare	51.27
00315859	2406-24-20	1-1/2" Female JIC 37° Flare	1-1/4" Male JIC 37° Flare	28.49
02056535	2406-24-32	1-1/2" Female JIC 37° Flare	2" Male JIC 37° Flare	118.08
01627198	2406-32-20	2" Female JIC 37° Flare	1-1/4" Male JIC 37° Flare	184.48
00315863	2406-32-24	2" Female JIC 37° Flare	1-1/2" Male JIC 37° Flare	92.18



Straight Reducer

Series 2406-IN FJ - MJ Straight

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings

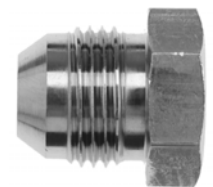


Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
02480093	2406-06-04-IN	3/8" Female JIC 37° Flare	1/4" Male JIC 37° Flare	\$3.12
02480094	2406-08-04-IN	1/2" Female JIC 37° Flare	1/4" Male JIC 37° Flare	5.40
02480095	2406-08-06-IN	1/2" Female JIC 37° Flare	3/8" Male JIC 37° Flare	6.46
02480096	2406-12-04-IN	3/4" Female JIC 37° Flare	1/4" Male JIC 37° Flare	6.32
02480097	2406-12-06-IN	3/4" Female JIC 37° Flare	3/8" Male JIC 37° Flare	6.25
02480098	2406-12-08-IN	3/4" Female JIC 37° Flare	1/2" Male JIC 37° Flare	6.26
02480099	2406-16-08-IN	1" Female JIC 37° Flare	1/2" Male JIC 37° Flare	8.29
02480101	2406-16-12-IN	1" Female JIC 37° Flare	3/4" Male JIC 37° Flare	10.57

Plug Adapter

Series 2408 MJ

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Price
01854655	2408-02	1/8" Male JIC 37° Flare	\$3.50
02157771	2408-03	3/16" Male JIC 37° Flare	3.50
00317218	2408-04	1/4" Male JIC 37° Flare	0.59
00317239	2408-06	3/8" Male JIC 37° Flare	0.59
00317250	2408-08	1/2" Male JIC 37° Flare	0.84
00317261	2408-10	5/8" Male JIC 37° Flare	1.33
00317272	2408-12	3/4" Male JIC 37° Flare	1.96
00317289	2408-16	1" Male JIC 37° Flare	2.80
00317301	2408-20	1-1/4" Male JIC 37° Flare	5.01
00317312	2408-24	1-1/2" Male JIC 37° Flare	16.01
00316175	2408-32	2" Male JIC 37° Flare	34.70



90° Elbow Adapter
Series 2501-FG MJ - MP 90° Elbow

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Forged one-piece construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
03518396	2501-02-04-FG	1/8" Male JIC 37° Flare	1/4" Male Pipe - Rigid	\$24.33
00312459	2501-03-02-FG	3/16" Male JIC 37° Flare	1/8" Male Pipe - Rigid	3.26
00312466	2501-04-02-FG	1/4" Male JIC 37° Flare	1/8" Male Pipe - Rigid	1.64
00312479	2501-04-04-FG	1/4" Male JIC 37° Flare	1/4" Male Pipe - Rigid	1.91
00312494	2501-04-06-FG	1/4" Male JIC 37° Flare	3/8" Male Pipe - Rigid	2.99
00312590	2501-04-08-FG	1/4" Male JIC 37° Flare	1/2" Male Pipe - Rigid	4.08
00352729	2501-04-12-FG	1/4" Male JIC 37° Flare	3/4" Male Pipe - Rigid	9.77
00312536	2501-06-02-FG	3/8" Male JIC 37° Flare	1/8" Male Pipe - Rigid	2.42
00312522	2501-06-04-FG	3/8" Male JIC 37° Flare	1/4" Male Pipe - Rigid	2.06
00312548	2501-06-06-FG	3/8" Male JIC 37° Flare	3/8" Male Pipe - Rigid	2.63
00312562	2501-06-08-FG	3/8" Male JIC 37° Flare	1/2" Male Pipe - Rigid	3.30
00316894	2501-06-12-FG	3/8" Male JIC 37° Flare	3/4" Male Pipe - Rigid	9.57
03518397	2501-08-02-FG	1/2" Male JIC 37° Flare	1/8" Male Pipe - Rigid	7.87
00312595	2501-08-04-FG	1/2" Male JIC 37° Flare	1/4" Male Pipe - Rigid	3.49
00312577	2501-08-06-FG	1/2" Male JIC 37° Flare	3/8" Male Pipe - Rigid	2.93
00312608	2501-08-08-FG	1/2" Male JIC 37° Flare	1/2" Male Pipe - Rigid	3.26
00312622	2501-08-12-FG	1/2" Male JIC 37° Flare	3/4" Male Pipe - Rigid	5.09
00339210	2501-08-16-FG	1/2" Male JIC 37° Flare	1" Male Pipe - Rigid	13.12
00312649	2501-10-06-FG	5/8" Male JIC 37° Flare	3/8" Male Pipe - Rigid	3.70
00312636	2501-10-08-FG	5/8" Male JIC 37° Flare	1/2" Male Pipe - Rigid	3.81
00312662	2501-10-12-FG	5/8" Male JIC 37° Flare	3/4" Male Pipe - Rigid	5.89
00358150	2501-10-16-FG	5/8" Male JIC 37° Flare	1" Male Pipe - Rigid	14.30
00320186	2501-12-06-FG	3/4" Male JIC 37° Flare	3/8" Male Pipe - Rigid	8.33
00312689	2501-12-08-FG	3/4" Male JIC 37° Flare	1/2" Male Pipe - Rigid	5.74
00312673	2501-12-12-B-FG	3/4" Male JIC 37° Flare	3/4" Male Pipe - Rigid	5.45
00316182	2501-12-16-FG	3/4" Male JIC 37° Flare	1" Male Pipe - Rigid	8.67
00328049	2501-16-08-FG	1" Male JIC 37° Flare	1/2" Male Pipe - Rigid	14.04
00312728	2501-16-12-FG	1" Male JIC 37° Flare	3/4" Male Pipe - Rigid	8.65
00312713	2501-16-16-FG	1" Male JIC 37° Flare	1" Male Pipe - Rigid	9.09
00316187	2501-16-20-FG	1" Male JIC 37° Flare	1-1/4" Male Pipe - Rigid	19.65
01472367	2501-16-24-FG	1" Male JIC 37° Flare	1-1/2" Male Pipe - Rigid	39.26
01472368	2501-20-12-FG	1-1/4" Male JIC 37° Flare	3/4" Male Pipe - Rigid	21.66
00312759	2501-20-16-FG	1-1/4" Male JIC 37° Flare	1" Male Pipe - Rigid	19.44
00312743	2501-20-20-FG	1-1/4" Male JIC 37° Flare	1-1/4" Male Pipe - Rigid	18.96
00316192	2501-20-24-FG	1-1/4" Male JIC 37° Flare	1-1/2" Male Pipe - Rigid	30.34
01472371	2501-24-16-FG	1-1/2" Male JIC 37° Flare	1" Male Pipe - Rigid	40.32
00316196	2501-24-20-FG	1-1/2" Male JIC 37° Flare	1-1/4" Male Pipe - Rigid	28.49
00312773	2501-24-24-FG	1-1/2" Male JIC 37° Flare	1-1/2" Male Pipe - Rigid	28.24
03518398	2501-24-32-FG	1-1/2" Male JIC 37° Flare	2" Male Pipe - Rigid	165.11
00312785	2501-32-24-FG	2" Male JIC 37° Flare	1-1/2" Male Pipe - Rigid	113.79

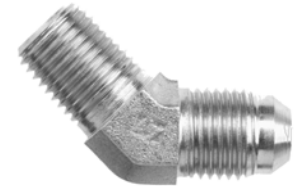


45° Elbow Adapter

Series 2503-FG MJ - MP 45° Elbow



- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- One-piece forged construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings

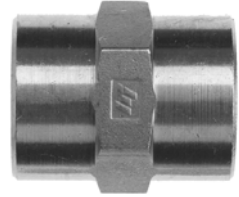


Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00339208	2503-02-02-FG	1/8" Male JIC 37° Flare	1/8" Male Pipe - Rigid	\$14.58
00339206	2503-03-02-FG	3/16" Male JIC 37° Flare	1/8" Male Pipe - Rigid	5.71
00313152	2503-04-02-FG	1/4" Male JIC 37° Flare	1/8" Male Pipe - Rigid	2.38
00313164	2503-04-04-FG	1/4" Male JIC 37° Flare	1/4" Male Pipe - Rigid	2.63
00313140	2503-04-06-FG	1/4" Male JIC 37° Flare	3/8" Male Pipe - Rigid	4.02
00328062	2503-04-08-FG	1/4" Male JIC 37° Flare	1/2" Male Pipe - Rigid	10.48
00313212	2503-06-02-FG	3/8" Male JIC 37° Flare	1/8" Male Pipe - Rigid	4.40
00313200	2503-06-04-FG	3/8" Male JIC 37° Flare	1/4" Male Pipe - Rigid	2.61
00313221	2503-06-06-FG	3/8" Male JIC 37° Flare	3/8" Male Pipe - Rigid	3.24
00313233	2503-06-08-FG	3/8" Male JIC 37° Flare	1/2" Male Pipe - Rigid	4.42
02065546	2503-06-12-FG	3/8" Male JIC 37° Flare	3/4" Male Pipe - Rigid	14.16
00313258	2503-08-04-FG	1/2" Male JIC 37° Flare	1/4" Male Pipe - Rigid	4.57
00313245	2503-08-06-FG	1/2" Male JIC 37° Flare	3/8" Male Pipe - Rigid	3.35
00313269	2503-08-08-FG	1/2" Male JIC 37° Flare	1/2" Male Pipe - Rigid	3.58
00313281	2503-08-12-FG	1/2" Male JIC 37° Flare	3/4" Male Pipe - Rigid	5.28
00313301	2503-10-06-FG	5/8" Male JIC 37° Flare	3/8" Male Pipe - Rigid	6.10
00313289	2503-10-08-FG	5/8" Male JIC 37° Flare	1/2" Male Pipe - Rigid	4.38
00316205	2503-10-12-FG	5/8" Male JIC 37° Flare	3/4" Male Pipe - Rigid	6.31
00313324	2503-12-08-FG	3/4" Male JIC 37° Flare	1/2" Male Pipe - Rigid	6.75
00313311	2503-12-12-FG	3/4" Male JIC 37° Flare	3/4" Male Pipe - Rigid	7.36
00316208	2503-12-16-FG	3/4" Male JIC 37° Flare	1" Male Pipe - Rigid	10.67
00329266	2503-16-08-FG	1" Male JIC 37° Flare	1/2" Male Pipe - Rigid	33.54
00313358	2503-16-12-FG	1" Male JIC 37° Flare	3/4" Male Pipe - Rigid	10.56
00313345	2503-16-16-FG	1" Male JIC 37° Flare	1" Male Pipe - Rigid	8.90
02065547	2503-16-20-FG	1" Male JIC 37° Flare	1-1/4" Male Pipe - Rigid	24.88
00313381	2503-20-16-FG	1-1/4" Male JIC 37° Flare	1" Male Pipe - Rigid	42.85
00313369	2503-20-20-FG	1-1/4" Male JIC 37° Flare	1-1/4" Male Pipe - Rigid	18.82
00328057	2503-20-24-FG	1-1/4" Male JIC 37° Flare	1-1/2" Male Pipe - Rigid	37.78
01472397	2503-24-20-FG	1-1/2" Male JIC 37° Flare	1-1/4" Male Pipe - Rigid	45.04
00313383	2503-24-24-FG	1-1/2" Male JIC 37° Flare	1-1/2" Male Pipe - Rigid	30.38
00316211	2503-32-32-FG	2" Male JIC 37° Flare	2" Male Pipe - Rigid	71.85



Straight Adapter
Series 5000 FP - FP Straight

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00327570	5000-02-02	1/8" Female Pipe - Rigid	1/8" Female Pipe - Rigid	\$1.22
00316434	5000-04-02	1/4" Female Pipe - Rigid	1/8" Female Pipe - Rigid	3.07
00327585	5000-04-04	1/4" Female Pipe - Rigid	1/4" Female Pipe - Rigid	1.24
00465300	5000-06-02	3/8" Female Pipe - Rigid	1/8" Female Pipe - Rigid	7.50
00316438	5000-06-04	3/8" Female Pipe - Rigid	1/4" Female Pipe - Rigid	2.57
00327602	5000-06-06	3/8" Female Pipe - Rigid	3/8" Female Pipe - Rigid	1.62
00328095	5000-08-02	1/2" Female Pipe - Rigid	1/8" Female Pipe - Rigid	14.30
00316442	5000-08-04	1/2" Female Pipe - Rigid	1/4" Female Pipe - Rigid	3.09
00316446	5000-08-06	1/2" Female Pipe - Rigid	3/8" Female Pipe - Rigid	3.09
00327619	5000-08-08	1/2" Female Pipe - Rigid	1/2" Female Pipe - Rigid	2.38
02229148	5000-12-06	3/4" Female Pipe - Rigid	3/8" Female Pipe - Rigid	12.59
00316450	5000-12-08	3/4" Female Pipe - Rigid	1/2" Female Pipe - Rigid	5.75
00327634	5000-12-12	3/4" Female Pipe - Rigid	3/4" Female Pipe - Rigid	3.49
02229150	5000-16-08	1" Female Pipe - Rigid	1/2" Female Pipe - Rigid	29.79
00316454	5000-16-12	1" Female Pipe - Rigid	3/4" Female Pipe - Rigid	11.83
00327647	5000-16-16	1" Female Pipe - Rigid	1" Female Pipe - Rigid	6.65
01604048	5000-20-16	1-1/4" Female Pipe - Rigid	1" Female Pipe - Rigid	35.30
00327663	5000-20-20	1-1/4" Female Pipe - Rigid	1-1/4" Female Pipe - Rigid	13.78
02229152	5000-24-20	1-1/2" Female Pipe - Rigid	1-1/4" Female Pipe - Rigid	35.76
00327673	5000-24-24	1-1/2" Female Pipe - Rigid	1-1/2" Female Pipe - Rigid	25.73
00316457	5000-32-32	2" Female Pipe - Rigid	2" Female Pipe - Rigid	55.80



Hex Nipple

Series 5404 MP - MP Hex Nipple

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



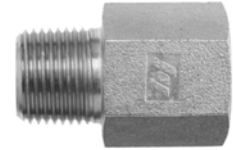
Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00327126	5404-02-02	1/8" Male Pipe - Rigid	1/8" Male Pipe - Rigid	\$0.57
00327135	5404-04-02	1/4" Male Pipe - Rigid	1/8" Male Pipe - Rigid	0.93
00327147	5404-04-04	1/4" Male Pipe - Rigid	1/4" Male Pipe - Rigid	0.66
00327159	5404-06-02	3/8" Male Pipe - Rigid	1/8" Male Pipe - Rigid	2.75
00327170	5404-06-04	3/8" Male Pipe - Rigid	1/4" Male Pipe - Rigid	1.07
00327182	5404-06-06	3/8" Male Pipe - Rigid	3/8" Male Pipe - Rigid	1.09
00327207	5404-08-04	1/2" Male Pipe - Rigid	1/4" Male Pipe - Rigid	1.75
00327219	5404-08-06	1/2" Male Pipe - Rigid	3/8" Male Pipe - Rigid	1.56
00327195	5404-08-08	1/2" Male Pipe - Rigid	1/2" Male Pipe - Rigid	1.33
00328061	5404-12-04	3/4" Male Pipe - Rigid	1/4" Male Pipe - Rigid	10.74
00444481	5404-12-06	3/4" Male Pipe - Rigid	3/8" Male Pipe - Rigid	10.69
00327230	5404-12-08	3/4" Male Pipe - Rigid	1/2" Male Pipe - Rigid	2.65
00327243	5404-12-12	3/4" Male Pipe - Rigid	3/4" Male Pipe - Rigid	2.23
02229156	5404-16-04	1" Male Pipe - Rigid	1/4" Male Pipe - Rigid	36.99
02229158	5404-16-06	1" Male Pipe - Rigid	3/8" Male Pipe - Rigid	17.89
01499959	5404-16-08	1" Male Pipe - Rigid	1/2" Male Pipe - Rigid	16.68
00316460	5404-16-12	1" Male Pipe - Rigid	3/4" Male Pipe - Rigid	5.16
00327258	5404-16-16	1" Male Pipe - Rigid	1" Male Pipe - Rigid	4.25
00445215	5404-20-12	1-1/4" Male Pipe - Rigid	3/4" Male Pipe - Rigid	24.10
00327272	5404-20-16	1-1/4" Male Pipe - Rigid	1" Male Pipe - Rigid	15.17
00327280	5404-20-20	1-1/4" Male Pipe - Rigid	1-1/4" Male Pipe - Rigid	7.34
02229162	5404-24-12	1-1/2" Male Pipe - Rigid	3/4" Male Pipe - Rigid	40.85
00338304	5404-24-16	1-1/2" Male Pipe - Rigid	1" Male Pipe - Rigid	47.02
00313752	5404-24-20	1-1/2" Male Pipe - Rigid	1-1/4" Male Pipe - Rigid	35.12
00327292	5404-24-24	1-1/2" Male Pipe - Rigid	1-1/2" Male Pipe - Rigid	16.50
02229164	5404-32-16	2" Male Pipe - Rigid	1" Male Pipe - Rigid	99.06
00354789	5404-32-20	2" Male Pipe - Rigid	1-1/4" Male Pipe - Rigid	72.40
00313754	5404-32-24	2" Male Pipe - Rigid	1-1/2" Male Pipe - Rigid	74.63
00327302	5404-32-32	2" Male Pipe - Rigid	2" Male Pipe - Rigid	35.75
02481174	5404-40-40	2-1/2" Male Pipe - Rigid	2-1/2" Male Pipe - Rigid	219.03



Straight Expander
Series 5405 MP - FP Straight



- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
01981615	5405-02-02	1/8" Male Pipe - Rigid	1/8" Female Pipe - Rigid	\$2.21
00316466	5405-02-04	1/8" Male Pipe - Rigid	1/4" Female Pipe - Rigid	2.04
00467730	5405-02-06	1/8" Male Pipe - Rigid	3/8" Female Pipe - Rigid	4.10
02065549	5405-02-08	1/8" Male Pipe - Rigid	1/2" Female Pipe - Rigid	5.97
01541488	5405-04-02	1/4" Male Pipe - Rigid	1/8" Female Pipe - Rigid	2.62
00338369	5405-04-04	1/4" Male Pipe - Rigid	1/4" Female Pipe - Rigid	2.28
00316470	5405-04-06	1/4" Male Pipe - Rigid	3/8" Female Pipe - Rigid	2.19
00316848	5405-04-08	1/4" Male Pipe - Rigid	1/2" Female Pipe - Rigid	3.89
01812311	5405-04-12	1/4" Male Pipe - Rigid	3/4" Female Pipe - Rigid	11.57
02229212	5405-06-02	3/8" Male Pipe - Rigid	1/8" Female Pipe - Rigid	10.94
01363215	5405-06-04	3/8" Male Pipe - Rigid	1/4" Female Pipe - Rigid	3.64
00338372	5405-06-06	3/8" Male Pipe - Rigid	3/8" Female Pipe - Rigid	3.21
00316474	5405-06-08	3/8" Male Pipe - Rigid	1/2" Female Pipe - Rigid	3.14
00358916	5405-06-12	3/8" Male Pipe - Rigid	3/4" Female Pipe - Rigid	7.34
00326098	5405-08-04	1/2" Male Pipe - Rigid	1/4" Female Pipe - Rigid	5.97
00326100	5405-08-06	1/2" Male Pipe - Rigid	3/8" Female Pipe - Rigid	5.92
00338375	5405-08-08	1/2" Male Pipe - Rigid	1/2" Female Pipe - Rigid	5.04
00326110	5405-08-12	1/2" Male Pipe - Rigid	3/4" Female Pipe - Rigid	5.39
00328116	5405-08-16	1/2" Male Pipe - Rigid	1" Female Pipe - Rigid	11.47
00326103	5405-12-04	3/4" Male Pipe - Rigid	1/4" Female Pipe - Rigid	23.82
01627269	5405-12-06	3/4" Male Pipe - Rigid	3/8" Female Pipe - Rigid	18.68
00326105	5405-12-08	3/4" Male Pipe - Rigid	1/2" Female Pipe - Rigid	7.48
00352399	5405-12-12	3/4" Male Pipe - Rigid	3/4" Female Pipe - Rigid	7.49
00316478	5405-12-16	3/4" Male Pipe - Rigid	1" Female Pipe - Rigid	10.53
00315332	5405-12-20	3/4" Male Pipe - Rigid	1-1/4" Female Pipe - Rigid	28.61
00326108	5405-16-08	1" Male Pipe - Rigid	1/2" Female Pipe - Rigid	26.27
00326114	5405-16-12	1" Male Pipe - Rigid	3/4" Female Pipe - Rigid	19.89
00314564	5405-16-16	1" Male Pipe - Rigid	1" Female Pipe - Rigid	11.15
00316482	5405-16-20	1" Male Pipe - Rigid	1-1/4" Female Pipe - Rigid	17.07
00318326	5405-16-24	1" Male Pipe - Rigid	1-1/2" Female Pipe - Rigid	24.56
00325407	5405-20-16	1-1/4" Male Pipe - Rigid	1" Female Pipe - Rigid	30.09
00328197	5405-20-20	1-1/4" Male Pipe - Rigid	1-1/4" Female Pipe - Rigid	17.32
00316486	5405-20-24	1-1/4" Male Pipe - Rigid	1-1/2" Female Pipe - Rigid	55.72
00323170	5405-20-32	1-1/4" Male Pipe - Rigid	2" Female Pipe - Rigid	99.96
02065551	5405-24-20	1-1/2" Male Pipe - Rigid	1-1/4" Female Pipe - Rigid	31.36
00327994	5405-24-24	1-1/2" Male Pipe - Rigid	1-1/2" Female Pipe - Rigid	24.14
00316489	5405-24-32	1-1/2" Male Pipe - Rigid	2" Female Pipe - Rigid	77.94
02157820	5405-32-32	2" Male Pipe - Rigid	2" Female Pipe - Rigid	157.70

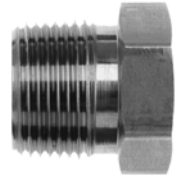


Reducer Bushing

Series 5406 MP - FP Reducer



- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00325668	5406-04-02	1/4" Male Pipe - Rigid	1/8" Female Pipe - Rigid	\$0.54
00325695	5406-06-02	3/8" Male Pipe - Rigid	1/8" Female Pipe - Rigid	0.71
00325682	5406-06-04	3/8" Male Pipe - Rigid	1/4" Female Pipe - Rigid	0.63
00325733	5406-08-02	1/2" Male Pipe - Rigid	1/8" Female Pipe - Rigid	2.82
00325720	5406-08-04	1/2" Male Pipe - Rigid	1/4" Female Pipe - Rigid	1.18
00325707	5406-08-06	1/2" Male Pipe - Rigid	3/8" Female Pipe - Rigid	1.14
00352508	5406-12-02	3/4" Male Pipe - Rigid	1/8" Female Pipe - Rigid	14.68
00325770	5406-12-04	3/4" Male Pipe - Rigid	1/4" Female Pipe - Rigid	1.94
00325757	5406-12-06	3/4" Male Pipe - Rigid	3/8" Female Pipe - Rigid	1.94
00325744	5406-12-08	3/4" Male Pipe - Rigid	1/2" Female Pipe - Rigid	1.49
02229224	5406-16-02	1" Male Pipe - Rigid	1/8" Female Pipe - Rigid	15.30
00316896	5406-16-04	1" Male Pipe - Rigid	1/4" Female Pipe - Rigid	13.06
00325811	5406-16-06	1" Male Pipe - Rigid	3/8" Female Pipe - Rigid	5.16
00325798	5406-16-08	1" Male Pipe - Rigid	1/2" Female Pipe - Rigid	2.99
00325785	5406-16-12	1" Male Pipe - Rigid	3/4" Female Pipe - Rigid	2.74
02065552	5406-20-04	1-1/4" Male Pipe - Rigid	1/4" Female Pipe - Rigid	14.81
00352509	5406-20-06	1-1/4" Male Pipe - Rigid	3/8" Female Pipe - Rigid	15.11
00325821	5406-20-08	1-1/4" Male Pipe - Rigid	1/2" Female Pipe - Rigid	7.61
00325826	5406-20-12	1-1/4" Male Pipe - Rigid	3/4" Female Pipe - Rigid	5.85
00325838	5406-20-16	1-1/4" Male Pipe - Rigid	1" Female Pipe - Rigid	5.81
02481239	5406-24-04	1-1/2" Male Pipe - Rigid	1/4" Female Pipe - Rigid	20.85
02074618	5406-24-06	1-1/2" Male Pipe - Rigid	3/8" Female Pipe - Rigid	17.76
00328553	5406-24-08	1-1/2" Male Pipe - Rigid	1/2" Female Pipe - Rigid	17.59
00316491	5406-24-12	1-1/2" Male Pipe - Rigid	3/4" Female Pipe - Rigid	10.86
00325852	5406-24-16	1-1/2" Male Pipe - Rigid	1" Female Pipe - Rigid	10.75
00325863	5406-24-20	1-1/2" Male Pipe - Rigid	1-1/4" Female Pipe - Rigid	10.75
02481243	5406-32-04	2" Male Pipe - Rigid	1/4" Female Pipe - Rigid	33.52
02481244	5406-32-06	2" Male Pipe - Rigid	3/8" Female Pipe - Rigid	28.14
00358923	5406-32-08	2" Male Pipe - Rigid	1/2" Female Pipe - Rigid	25.05
00358915	5406-32-12	2" Male Pipe - Rigid	3/4" Female Pipe - Rigid	25.05
00358914	5406-32-16	2" Male Pipe - Rigid	1" Female Pipe - Rigid	20.43
00316496	5406-32-20	2" Male Pipe - Rigid	1-1/4" Female Pipe - Rigid	19.81
00325879	5406-32-24	2" Male Pipe - Rigid	1-1/2" Female Pipe - Rigid	18.82



External Hex Pipe Plug
Series 5406-P External

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel, built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Price
00326011	5406-P-02	1/8" Male Pipe - Rigid	\$0.46
00326020	5406-P-04	1/4" Male Pipe - Rigid	0.88
00326030	5406-P-06	3/8" Male Pipe - Rigid	0.66
00326040	5406-P-08	1/2" Male Pipe - Rigid	1.00
00326052	5406-P-12	3/4" Male Pipe - Rigid	2.12
00326062	5406-P-16	1" Male Pipe - Rigid	3.57
00326072	5406-P-20	1-1/4" Male Pipe - Rigid	5.43
00326079	5406-P-24	1-1/2" Male Pipe - Rigid	10.11
00326084	5406-P-32	2" Male Pipe - Rigid	20.88

90° Elbow Adapter
Series 5504-FG FP - FP 90° Elbow

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Forged one-piece construction built to withstand heavy impulse and vibration
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00326913	5504-02-02-FG	1/8" Female Pipe - Rigid	1/8" Female Pipe - Rigid	\$2.23
00316552	5504-04-02-FG	1/4" Female Pipe - Rigid	1/8" Female Pipe - Rigid	2.69
00326927	5504-04-04-FG	1/4" Female Pipe - Rigid	1/4" Female Pipe - Rigid	2.44
00316555	5504-06-04-FG	3/8" Female Pipe - Rigid	1/4" Female Pipe - Rigid	3.99
00326943	5504-06-06-FG	3/8" Female Pipe - Rigid	3/8" Female Pipe - Rigid	2.97
00316559	5504-08-06-FG	1/2" Female Pipe - Rigid	3/8" Female Pipe - Rigid	8.06
00326960	5504-08-08-FG	1/2" Female Pipe - Rigid	1/2" Female Pipe - Rigid	5.07
00316563	5504-12-08-FG	3/4" Female Pipe - Rigid	1/2" Female Pipe - Rigid	10.16
00326977	5504-12-12-FG	3/4" Female Pipe - Rigid	3/4" Female Pipe - Rigid	8.08
00326993	5504-16-16-FG	1" Female Pipe - Rigid	1" Female Pipe - Rigid	13.21
00327006	5504-20-20-FG	1-1/4" Female Pipe - Rigid	1-1/4" Female Pipe - Rigid	24.85
00327018	5504-24-24-FG	1-1/2" Female Pipe - Rigid	1-1/2" Female Pipe - Rigid	48.21
00316566	5504-32-32-FG	2" Female Pipe - Rigid	2" Female Pipe - Rigid	160.45

Tee Adapter
Series 5605-FG FP - FP Tee

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Forged one-piece construction built to withstand heavy impulse and vibration
- Refer to page 317 for pressure ratings



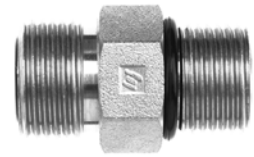
Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Tee On	Price
00325300	5605-02-02-02-FG	1/8" Female Pipe - Rigid	1/8" Female Pipe - Rigid	1/8" Female Pipe - Rigid	\$2.93
00325313	5605-04-04-04-FG	1/4" Female Pipe - Rigid	1/4" Female Pipe - Rigid	1/4" Female Pipe - Rigid	2.97
00325326	5605-06-06-06-FG	3/8" Female Pipe - Rigid	3/8" Female Pipe - Rigid	3/8" Female Pipe - Rigid	3.96
00325338	5605-08-08-08-FG	1/2" Female Pipe - Rigid	1/2" Female Pipe - Rigid	1/2" Female Pipe - Rigid	6.06
00325353	5605-12-12-12-FG	3/4" Female Pipe - Rigid	3/4" Female Pipe - Rigid	3/4" Female Pipe - Rigid	9.81
00325365	5605-16-16-16-FG	1" Female Pipe - Rigid	1" Female Pipe - Rigid	1" Female Pipe - Rigid	16.92
00325378	5605-20-20-20-FG	1-1/4" Female Pipe - Rigid	1-1/4" Female Pipe - Rigid	1-1/4" Female Pipe - Rigid	37.58
00325389	5605-24-24-24-FG	1-1/2" Female Pipe - Rigid	1-1/2" Female Pipe - Rigid	1-1/2" Female Pipe - Rigid	58.42

PRICES SUBJECT TO CHANGE



Straight Adapter

Series FS6400-O MFS - MORB Straight



- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings

Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00361113	FS6400-04-04-O	1/4" Male Flat-Face O-Ring	1/4" Male O-Ring Boss - Rigid	\$1.29
02567438	FS6400-04-05-O	1/4" Male Flat-Face O-Ring	5/16" Male O-Ring Boss - Rigid	2.90
00310814	FS6400-04-06-O	1/4" Male Flat-Face O-Ring	3/8" Male O-Ring Boss - Rigid	1.45
00264756	FS6400-04-08-O	1/4" Male Flat-Face O-Ring	1/2" Male O-Ring Boss - Rigid	2.67
02481842	FS6400-04-10-O	1/4" Male Flat-Face O-Ring	5/8" Male O-Ring Boss - Rigid	5.13
02481843	FS6400-04-12-O	1/4" Male Flat-Face O-Ring	3/4" Male O-Ring Boss - Rigid	11.10
00318471	FS6400-06-04-O	3/8" Male Flat-Face O-Ring	1/4" Male O-Ring Boss - Rigid	1.79
02567437	FS6400-06-05-O	3/8" Male Flat-Face O-Ring	5/16" Male O-Ring Boss - Rigid	4.33
00325106	FS6400-06-06-O	3/8" Male Flat-Face O-Ring	3/8" Male O-Ring Boss - Rigid	1.24
00361115	FS6400-06-08-O	3/8" Male Flat-Face O-Ring	1/2" Male O-Ring Boss - Rigid	1.66
00361118	FS6400-06-10-O	3/8" Male Flat-Face O-Ring	5/8" Male O-Ring Boss - Rigid	3.24
02480333	FS6400-06-12-O	3/8" Male Flat-Face O-Ring	3/4" Male O-Ring Boss - Rigid	9.44
02481845	FS6400-06-16-O	3/8" Male Flat-Face O-Ring	1" Male O-Ring Boss - Rigid	28.39
00264777	FS6400-08-06-O	1/2" Male Flat-Face O-Ring	3/8" Male O-Ring Boss - Rigid	1.83
00361124	FS6400-08-08-O	1/2" Male Flat-Face O-Ring	1/2" Male O-Ring Boss - Rigid	1.95
00361127	FS6400-08-10-O	1/2" Male Flat-Face O-Ring	5/8" Male O-Ring Boss - Rigid	2.24
00361131	FS6400-08-12-O	1/2" Male Flat-Face O-Ring	3/4" Male O-Ring Boss - Rigid	3.96
00264781	FS6400-08-16-O	1/2" Male Flat-Face O-Ring	1" Male O-Ring Boss - Rigid	13.12
00264785	FS6400-10-08-O	5/8" Male Flat-Face O-Ring	1/2" Male O-Ring Boss - Rigid	2.88
00317834	FS6400-10-10-O	5/8" Male Flat-Face O-Ring	5/8" Male O-Ring Boss - Rigid	2.72
00264789	FS6400-10-12-O	5/8" Male Flat-Face O-Ring	3/4" Male O-Ring Boss - Rigid	4.18
00264793	FS6400-12-08-O	3/4" Male Flat-Face O-Ring	1/2" Male O-Ring Boss - Rigid	3.76
00264797	FS6400-12-10-O	3/4" Male Flat-Face O-Ring	5/8" Male O-Ring Boss - Rigid	4.04
00361135	FS6400-12-12-O	3/4" Male Flat-Face O-Ring	3/4" Male O-Ring Boss - Rigid	3.37
00361138	FS6400-12-16-O	3/4" Male Flat-Face O-Ring	1" Male O-Ring Boss - Rigid	6.38
02062297	FS6400-16-10-O	1" Male Flat-Face O-Ring	5/8" Male O-Ring Boss - Rigid	19.13
00310817	FS6400-16-12-O	1" Male Flat-Face O-Ring	3/4" Male O-Ring Boss - Rigid	4.84
00361142	FS6400-16-16-O	1" Male Flat-Face O-Ring	1" Male O-Ring Boss - Rigid	5.68
00361146	FS6400-16-20-O	1" Male Flat-Face O-Ring	1-1/4" Male O-Ring Boss - Rigid	6.71
00361155	FS6400-20-16-O	1-1/4" Male Flat-Face O-Ring	1" Male O-Ring Boss - Rigid	8.97
00361152	FS6400-20-20-O	1-1/4" Male Flat-Face O-Ring	1-1/4" Male O-Ring Boss - Rigid	10.56
00264801	FS6400-20-24-O	1-1/4" Male Flat-Face O-Ring	1-1/2" Male O-Ring Boss - Rigid	32.28
00264805	FS6400-24-20-O	1-1/2" Male Flat-Face O-Ring	1-1/4" Male O-Ring Boss - Rigid	28.28
00361291	FS6400-24-24-O	1-1/2" Male Flat-Face O-Ring	1-1/2" Male O-Ring Boss - Rigid	14.88
02480168	FS6400-32-32-O	2" Male Flat-Face O-Ring	2" Male O-Ring Boss - Rigid	41.72



Straight Adapter
Series 6400 MJ - MORB Straight



- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings

Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00316880	6400-02-02-O	1/8" Male JIC 37° Flare	1/8" Male O-Ring Boss - Rigid	\$5.00
03091218	6400-03-02-O	3/16" Male JIC 37° Flare	1/8" Male O-Ring Boss - Rigid	8.10
00324468	6400-03-03-O	3/16" Male JIC 37° Flare	3/16" Male O-Ring Boss - Rigid	3.55
01604052	6400-04-02-O	1/4" Male JIC 37° Flare	1/8" Male O-Ring Boss - Rigid	18.98
00319197	6400-04-03-O	1/4" Male JIC 37° Flare	3/16" Male O-Ring Boss - Rigid	7.18
00318718	6400-04-04-O	1/4" Male JIC 37° Flare	1/4" Male O-Ring Boss - Rigid	0.69
00318745	6400-04-06-O	1/4" Male JIC 37° Flare	3/8" Male O-Ring Boss - Rigid	1.26
00316576	6400-04-08-O	1/4" Male JIC 37° Flare	1/2" Male O-Ring Boss - Rigid	2.70
01541478	6400-04-10-O	1/4" Male JIC 37° Flare	5/8" Male O-Ring Boss - Rigid	8.23
01604053	6400-04-12-O	1/4" Male JIC 37° Flare	3/4" Male O-Ring Boss - Rigid	16.07
00316826	6400-06-04-O	3/8" Male JIC 37° Flare	1/4" Male O-Ring Boss - Rigid	1.35
00318772	6400-06-06-O	3/8" Male JIC 37° Flare	3/8" Male O-Ring Boss - Rigid	0.92
00318790	6400-06-08-O	3/8" Male JIC 37° Flare	1/2" Male O-Ring Boss - Rigid	1.24
00318803	6400-06-10-O	3/8" Male JIC 37° Flare	5/8" Male O-Ring Boss - Rigid	2.17
00358921	6400-06-12-O	3/8" Male JIC 37° Flare	3/4" Male O-Ring Boss - Rigid	9.13
01672326	6400-06-16-O	3/8" Male JIC 37° Flare	1" Male O-Ring Boss - Rigid	18.35
00318665	6400-08-04-O	1/2" Male JIC 37° Flare	1/4" Male O-Ring Boss - Rigid	13.26
00318825	6400-08-06-O	1/2" Male JIC 37° Flare	3/8" Male O-Ring Boss - Rigid	1.75
00318812	6400-08-08-O	1/2" Male JIC 37° Flare	1/2" Male O-Ring Boss - Rigid	1.26
02479512	6400-08-08-O	1/2" Male JIC 37° Flare	1/2" Male O-Ring Boss - Rigid	1.53
00318837	6400-08-10-O	1/2" Male JIC 37° Flare	5/8" Male O-Ring Boss - Rigid	2.11
00318850	6400-08-12-O	1/2" Male JIC 37° Flare	3/4" Male O-Ring Boss - Rigid	2.80
00319038	6400-08-16-O	1/2" Male JIC 37° Flare	1" Male O-Ring Boss - Rigid	13.34
01627295	6400-10-04-O	5/8" Male JIC 37° Flare	1/4" Male O-Ring Boss - Rigid	34.56
01371045	6400-10-06-O	5/8" Male JIC 37° Flare	3/8" Male O-Ring Boss - Rigid	4.23
00318877	6400-10-08-O	5/8" Male JIC 37° Flare	1/2" Male O-Ring Boss - Rigid	2.21
00318863	6400-10-10-O	5/8" Male JIC 37° Flare	5/8" Male O-Ring Boss - Rigid	2.06
00318890	6400-10-12-O	5/8" Male JIC 37° Flare	3/4" Male O-Ring Boss - Rigid	3.24
00316590	6400-10-16-O	5/8" Male JIC 37° Flare	1" Male O-Ring Boss - Rigid	6.04
02481898	6400-10-20-O	5/8" Male JIC 37° Flare	1-1/4" Male O-Ring Boss - Rigid	34.60
01502360	6400-12-06-O	3/4" Male JIC 37° Flare	3/8" Male O-Ring Boss - Rigid	21.83
00318923	6400-12-08-O	3/4" Male JIC 37° Flare	1/2" Male O-Ring Boss - Rigid	3.40
00318935	6400-12-10-O	3/4" Male JIC 37° Flare	5/8" Male O-Ring Boss - Rigid	3.01
00318909	6400-12-12-O	3/4" Male JIC 37° Flare	3/4" Male O-Ring Boss - Rigid	2.48
00318945	6400-12-16-O	3/4" Male JIC 37° Flare	1" Male O-Ring Boss - Rigid	4.42
00316599	6400-12-20-O	3/4" Male JIC 37° Flare	1-1/4" Male O-Ring Boss - Rigid	13.00
02157824	6400-16-06-O	1" Male JIC 37° Flare	3/8" Male O-Ring Boss - Rigid	33.38
00315974	6400-16-08-O	1" Male JIC 37° Flare	1/2" Male O-Ring Boss - Rigid	14.43
00318903	6400-16-10-O	1" Male JIC 37° Flare	5/8" Male O-Ring Boss - Rigid	7.01
00318986	6400-16-12-O	1" Male JIC 37° Flare	3/4" Male O-Ring Boss - Rigid	4.71
00318972	6400-16-16-O	1" Male JIC 37° Flare	1" Male O-Ring Boss - Rigid	3.81
00318999	6400-16-20-O	1" Male JIC 37° Flare	1-1/4" Male O-Ring Boss - Rigid	9.44
01604055	6400-16-24-O	1" Male JIC 37° Flare	1-1/2" Male O-Ring Boss - Rigid	38.89
00315977	6400-20-12-O	1-1/4" Male JIC 37° Flare	3/4" Male O-Ring Boss - Rigid	22.66
00319026	6400-20-16-O	1-1/4" Male JIC 37° Flare	1" Male O-Ring Boss - Rigid	9.82
00319012	6400-20-20-O	1-1/4" Male JIC 37° Flare	1-1/4" Male O-Ring Boss - Rigid	9.18
00316603	6400-20-24-O	1-1/4" Male JIC 37° Flare	1-1/2" Male O-Ring Boss - Rigid	20.28
02157825	6400-24-16-O	1-1/2" Male JIC 37° Flare	1" Male O-Ring Boss - Rigid	63.33
00316607	6400-24-20-O	1-1/2" Male JIC 37° Flare	1-1/4" Male O-Ring Boss - Rigid	17.91
00319042	6400-24-24-O	1-1/2" Male JIC 37° Flare	1-1/2" Male O-Ring Boss - Rigid	14.61
00316611	6400-24-32-O	1-1/2" Male JIC 37° Flare	2" Male O-Ring Boss - Rigid	77.60
00316614	6400-32-24-O	2" Male JIC 37° Flare	1-1/2" Male O-Ring Boss - Rigid	79.04
00319052	6400-32-32-O	2" Male JIC 37° Flare	2" Male O-Ring Boss - Rigid	35.08



Straight Adapter

Series 6401-O MORB - MP Straight

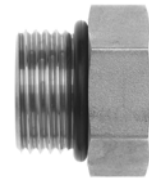
- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00314765	6401-04-02-O	1/4" Male O-Ring Boss - Rigid	1/8" Male Pipe - Rigid	\$1.46
00319273	6401-04-04-O	1/4" Male O-Ring Boss - Rigid	1/4" Male Pipe - Rigid	2.08
01604057	6401-06-02-O	3/8" Male O-Ring Boss - Rigid	1/8" Male Pipe - Rigid	11.55
00319283	6401-06-04-O	3/8" Male O-Ring Boss - Rigid	1/4" Male Pipe - Rigid	1.11
00318450	6401-06-06-O	3/8" Male O-Ring Boss - Rigid	3/8" Male Pipe - Rigid	2.45
01502361	6401-06-08-O	3/8" Male O-Ring Boss - Rigid	1/2" Male Pipe - Rigid	7.00
01604058	6401-08-04-O	1/2" Male O-Ring Boss - Rigid	1/4" Male Pipe - Rigid	9.29
02172059	6401-08-06-O	1/2" Male O-Ring Boss - Rigid	3/8" Male Pipe - Rigid	1.77
00316617	6401-08-08-O	1/2" Male O-Ring Boss - Rigid	1/2" Male Pipe - Rigid	2.55
00445148	6401-08-12-O	1/2" Male O-Ring Boss - Rigid	3/4" Male Pipe - Rigid	9.18
01604059	6401-10-04-O	5/8" Male O-Ring Boss - Rigid	1/4" Male Pipe - Rigid	4.00
01604060	6401-10-06-O	5/8" Male O-Ring Boss - Rigid	3/8" Male Pipe - Rigid	6.15
00319294	6401-10-08-O	5/8" Male O-Ring Boss - Rigid	1/2" Male Pipe - Rigid	3.16
00328004	6401-10-12-O	5/8" Male O-Ring Boss - Rigid	3/4" Male Pipe - Rigid	5.39
01502362	6401-12-06-O	3/4" Male O-Ring Boss - Rigid	3/8" Male Pipe - Rigid	16.67
00319277	6401-12-08-O	3/4" Male O-Ring Boss - Rigid	1/2" Male Pipe - Rigid	5.55
00319299	6401-12-12-O	3/4" Male O-Ring Boss - Rigid	3/4" Male Pipe - Rigid	3.74
01604062	6401-12-16-O	3/4" Male O-Ring Boss - Rigid	1" Male Pipe - Rigid	14.06
00319316	6401-16-12-O	1" Male O-Ring Boss - Rigid	3/4" Male Pipe - Rigid	8.65
00319308	6401-16-16-O	1" Male O-Ring Boss - Rigid	1" Male Pipe - Rigid	6.96
01633184	6401-16-20-O	1" Male O-Ring Boss - Rigid	1-1/4" Male Pipe - Rigid	55.80
01627299	6401-20-12-O	1-1/4" Male O-Ring Boss - Rigid	3/4" Male Pipe - Rigid	60.10
02481396	6401-20-16-O	1-1/4" Male O-Ring Boss - Rigid	1" Male Pipe - Rigid	42.11
00319312	6401-20-20-O	1-1/4" Male O-Ring Boss - Rigid	1-1/4" Male Pipe - Rigid	10.46
02481397	6401-24-16-O	1-1/2" Male O-Ring Boss - Rigid	1" Male Pipe - Rigid	68.58
02481398	6401-24-20-O	1-1/2" Male O-Ring Boss - Rigid	1-1/4" Male Pipe - Rigid	57.75
00319318	6401-24-24-O	1-1/2" Male O-Ring Boss - Rigid	1-1/2" Male Pipe - Rigid	24.45
00319322	6401-32-32-O	2" Male O-Ring Boss - Rigid	2" Male Pipe - Rigid	64.51



Straight Adapter
Series 6405-O MORB - FP Straight



- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings

Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00352403	6405-02-02-O	1/8" Male O-Ring Boss - Rigid	1/8" Female Pipe - Rigid	\$18.26
00354760	6405-02-04-O	1/8" Male O-Ring Boss - Rigid	1/4" Female Pipe - Rigid	22.36
00320189	6405-03-04-O	3/16" Male O-Ring Boss - Rigid	1/4" Female Pipe - Rigid	7.27
00320195	6405-04-02-O	1/4" Male O-Ring Boss - Rigid	1/8" Female Pipe - Rigid	1.05
00316632	6405-04-04-O	1/4" Male O-Ring Boss - Rigid	1/4" Female Pipe - Rigid	2.67
00314823	6405-04-06-O	1/4" Male O-Ring Boss - Rigid	3/8" Female Pipe - Rigid	15.65
00320209	6405-05-02-O	5/16" Male O-Ring Boss - Rigid	1/8" Female Pipe - Rigid	2.59
02481417	6405-06-02-O	3/8" Male O-Ring Boss - Rigid	1/8" Female Pipe - Rigid	6.09
00320201	6405-06-04-O	3/8" Male O-Ring Boss - Rigid	1/4" Female Pipe - Rigid	1.39
00316637	6405-06-06-O	3/8" Male O-Ring Boss - Rigid	3/8" Female Pipe - Rigid	1.83
00328200	6405-06-08-O	3/8" Male O-Ring Boss - Rigid	1/2" Female Pipe - Rigid	7.66
02481420	6405-08-02-O	1/2" Male O-Ring Boss - Rigid	1/8" Female Pipe - Rigid	8.03
00320214	6405-08-04-O	1/2" Male O-Ring Boss - Rigid	1/4" Female Pipe - Rigid	2.97
00320224	6405-08-06-O	1/2" Male O-Ring Boss - Rigid	3/8" Female Pipe - Rigid	1.75
00320232	6405-08-08-O	1/2" Male O-Ring Boss - Rigid	1/2" Female Pipe - Rigid	2.25
00320219	6405-08-12-O	1/2" Male O-Ring Boss - Rigid	3/4" Female Pipe - Rigid	6.07
00320239	6405-10-04-O	5/8" Male O-Ring Boss - Rigid	1/4" Female Pipe - Rigid	2.39
00320244	6405-10-06-O	5/8" Male O-Ring Boss - Rigid	3/8" Female Pipe - Rigid	2.67
00320250	6405-10-08-O	5/8" Male O-Ring Boss - Rigid	1/2" Female Pipe - Rigid	2.27
00320258	6405-10-12-O	5/8" Male O-Ring Boss - Rigid	3/4" Female Pipe - Rigid	5.16
00320192	6405-12-04-O	3/4" Male O-Ring Boss - Rigid	1/4" Female Pipe - Rigid	5.69
00320191	6405-12-06-O	3/4" Male O-Ring Boss - Rigid	3/8" Female Pipe - Rigid	7.13
00320263	6405-12-08-O	3/4" Male O-Ring Boss - Rigid	1/2" Female Pipe - Rigid	3.24
00320272	6405-12-12-O	3/4" Male O-Ring Boss - Rigid	3/4" Female Pipe - Rigid	3.18
00327776	6405-12-16-O	3/4" Male O-Ring Boss - Rigid	1" Female Pipe - Rigid	18.57
00320283	6405-14-12-O	7/8" Male O-Ring Boss - Rigid	3/4" Female Pipe - Rigid	6.40
00320187	6405-16-04-O	1" Male O-Ring Boss - Rigid	1/4" Female Pipe - Rigid	17.71
02065556	6405-16-06-O	1" Male O-Ring Boss - Rigid	3/8" Female Pipe - Rigid	10.56
00320307	6405-16-08-O	1" Male O-Ring Boss - Rigid	1/2" Female Pipe - Rigid	5.72
00320292	6405-16-12-O	1" Male O-Ring Boss - Rigid	3/4" Female Pipe - Rigid	4.53
00320299	6405-16-16-O	1" Male O-Ring Boss - Rigid	1" Female Pipe - Rigid	6.46
01371046	6405-16-20-O	1" Male O-Ring Boss - Rigid	1-1/4" Female Pipe - Rigid	10.46
02481433	6405-16-24-O	1" Male O-Ring Boss - Rigid	1-1/2" Female Pipe - Rigid	69.20
02481434	6405-20-08-O	1-1/4" Male O-Ring Boss - Rigid	1/2" Female Pipe - Rigid	24.12
02186335	6405-20-12-O	1-1/4" Male O-Ring Boss - Rigid	3/4" Female Pipe - Rigid	23.04
00320313	6405-20-16-O	1-1/4" Male O-Ring Boss - Rigid	1" Female Pipe - Rigid	9.55
00320320	6405-20-20-O	1-1/4" Male O-Ring Boss - Rigid	1-1/4" Female Pipe - Rigid	12.07
00358917	6405-20-24-O	1-1/4" Male O-Ring Boss - Rigid	1-1/2" Female Pipe - Rigid	30.92
02481437	6405-20-32-O	1-1/4" Male O-Ring Boss - Rigid	2" Female Pipe - Rigid	82.51
00319638	6405-24-12-O	1-1/2" Male O-Ring Boss - Rigid	3/4" Female Pipe - Rigid	41.73
00445575	6405-24-16-O	1-1/2" Male O-Ring Boss - Rigid	1" Female Pipe - Rigid	18.25
00352848	6405-24-20-O	1-1/2" Male O-Ring Boss - Rigid	1-1/4" Female Pipe - Rigid	43.28
00320329	6405-24-24-O	1-1/2" Male O-Ring Boss - Rigid	1-1/2" Female Pipe - Rigid	35.43
02481439	6405-32-16-O	2" Male O-Ring Boss - Rigid	1" Female Pipe - Rigid	114.85
01604063	6405-32-20-O	2" Male O-Ring Boss - Rigid	1-1/4" Female Pipe - Rigid	134.11
02056539	6405-32-24-O	2" Male O-Ring Boss - Rigid	1-1/2" Female Pipe - Rigid	55.00
00320336	6405-32-32-O	2" Male O-Ring Boss - Rigid	2" Female Pipe - Rigid	51.57

PRICES SUBJECT TO CHANGE



Straight Adapter

Series 6402 MORB - FJS Straight

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
01508461	6402-04-04-O	1/4" Male O-Ring Boss - Rigid	1/4" Female JIC Swivel 37° Flare	\$3.28
01514403	6402-04-06-O	1/4" Male O-Ring Boss - Rigid	3/8" Female JIC Swivel 37° Flare	5.18
00339595	6402-06-04-O	3/8" Male O-Ring Boss - Rigid	1/4" Female JIC Swivel 37° Flare	5.13
00465493	6402-06-06-O	3/8" Male O-Ring Boss - Rigid	3/8" Female JIC Swivel 37° Flare	3.93
00319753	6402-06-08-O	3/8" Male O-Ring Boss - Rigid	1/2" Female JIC Swivel 37° Flare	6.48
01508460	6402-08-08-O	1/2" Male O-Ring Boss - Rigid	1/2" Female JIC Swivel 37° Flare	4.40
02481403	6402-10-08-O	5/8" Male O-Ring Boss - Rigid	1/2" Female JIC Swivel 37° Flare	7.55
00358919	6402-12-12-O	3/4" Male O-Ring Boss - Rigid	3/4" Female JIC Swivel 37° Flare	5.43
00314753	6402-16-16-O	1" Male O-Ring Boss - Rigid	1" Female JIC Swivel 37° Flare	8.58
01502363	6402-20-20-O	1-1/4" Male O-Ring Boss - Rigid	1-1/4" Female JIC Swivel 37° Flare	23.32
01853157	6402-24-24-O	1-1/2" Male O-Ring Boss - Rigid	1-1/2" Female JIC Swivel 37° Flare	63.38
02481407	6402-32-32-O	2" Male O-Ring Boss - Rigid	2" Female JIC Swivel 37° Flare	109.23

Hollow Plug Adapter

Series 6408-H-O MORB Hollow

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Price
00335614	6408-H02-O	1/8" Male O-Ring Boss - Rigid	\$0.69
00335616	6408-H03-O	3/16" Male O-Ring Boss - Rigid	0.78
00335618	6408-H04-O	1/4" Male O-Ring Boss - Rigid	0.63
00335620	6408-H05-O	5/16" Male O-Ring Boss - Rigid	0.82
00335622	6408-H06-O	3/8" Male O-Ring Boss - Rigid	0.78
00335623	6408-H08-O	1/2" Male O-Ring Boss - Rigid	1.09
00335624	6408-H10-O	5/8" Male O-Ring Boss - Rigid	1.35
00335625	6408-H12-O	3/4" Male O-Ring Boss - Rigid	2.13
00335626	6408-H14-O	7/8" Male O-Ring Boss - Rigid	2.86
00335627	6408-H16-O	1" Male O-Ring Boss - Rigid	3.33
00335628	6408-H20-O	1-1/4" Male O-Ring Boss - Rigid	7.91
01826283	6408-H24-O	1-1/2" Male O-Ring Boss - Rigid	13.61
01826282	6408-H32-O	2" Male O-Ring Boss - Rigid	28.81



Plug Adapter
Series 6408-O MORB External

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Price
00445759	6408-02-O	1/8" Male O-Ring Boss - Rigid	\$1.35
00319508	6408-03-O	3/16" Male O-Ring Boss - Rigid	1.22
00320594	6408-04-O	1/4" Male O-Ring Boss - Rigid	0.57
00320604	6408-05-O	5/16" Male O-Ring Boss - Rigid	1.03
00320614	6408-06-O	3/8" Male O-Ring Boss - Rigid	0.69
00320624	6408-08-O	1/2" Male O-Ring Boss - Rigid	0.95
00320634	6408-10-O	5/8" Male O-Ring Boss - Rigid	1.26
00320644	6408-12-O	3/4" Male O-Ring Boss - Rigid	1.77
00320653	6408-14-O	7/8" Male O-Ring Boss - Rigid	2.76
00320663	6408-16-O	1" Male O-Ring Boss - Rigid	2.69
00320673	6408-20-O	1-1/4" Male O-Ring Boss - Rigid	6.06
00320683	6408-24-O	1-1/2" Male O-Ring Boss - Rigid	8.73
00320691	6408-32-O	2" Male O-Ring Boss - Rigid	35.39

MOTION INDUSTRIES' HOSE SHOP HYDRAULICS CAPABILITIES

FITTINGS & ACCESSORIES

- Hydraulic
- Quick Disconnects
- Adapters
- Nylon, Metal and Plastic Guard

HYDRAULIC HOSE

- Rubber and Thermoplastic
- Braided and Spiral
- Pressures up to 10,000 psi
- 1/4" through 12" ID

CAPABILITIES

- Hose Kitting
- Inside Tube Cleaning
- Tagging / Stamping / Engraving
- After Hours Emergency Assistance
- State of the Art Equipment
- Hose Testing
- Technical Support
- Extensive Inventory



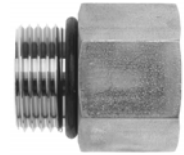


Straight Adapter

Series 6410-O MORB - FORB Straight



- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
02481450	6410-03-04-O	3/16" Male O-Ring Boss - Rigid	1/4" Female O-Ring Boss	\$22.70
02582682	6410-04-02-O	1/4" Male O-Ring Boss - Rigid	1/8" Female O-Ring Boss	12.52
01541512	6410-04-04-O	1/4" Male O-Ring Boss - Rigid	1/4" Female O-Ring Boss	21.10
00320750	6410-04-06-O	1/4" Male O-Ring Boss - Rigid	3/8" Female O-Ring Boss	2.06
02481454	6410-04-08-O	1/4" Male O-Ring Boss - Rigid	1/2" Female O-Ring Boss	12.38
00320754	6410-06-04-O	3/8" Male O-Ring Boss - Rigid	1/4" Female O-Ring Boss	1.70
01895105	6410-06-06-O	3/8" Male O-Ring Boss - Rigid	3/8" Female O-Ring Boss	26.77
00320758	6410-06-08-O	3/8" Male O-Ring Boss - Rigid	1/2" Female O-Ring Boss	4.53
02481456	6410-08-03-O	1/2" Male O-Ring Boss - Rigid	3/16" Female O-Ring Boss	13.79
00353389	6410-08-04-O	1/2" Male O-Ring Boss - Rigid	1/4" Female O-Ring Boss	4.63
00320765	6410-08-06-O	1/2" Male O-Ring Boss - Rigid	3/8" Female O-Ring Boss	2.08
01627302	6410-08-08-O	1/2" Male O-Ring Boss - Rigid	1/2" Female O-Ring Boss	15.46
02186337	6410-08-10-O	1/2" Male O-Ring Boss - Rigid	5/8" Female O-Ring Boss	4.42
00444933	6410-08-12-O	1/2" Male O-Ring Boss - Rigid	3/4" Female O-Ring Boss	11.85
00353392	6410-10-04-O	5/8" Male O-Ring Boss - Rigid	1/4" Female O-Ring Boss	6.90
00329272	6410-10-06-O	5/8" Male O-Ring Boss - Rigid	3/8" Female O-Ring Boss	3.11
00320776	6410-10-08-O	5/8" Male O-Ring Boss - Rigid	1/2" Female O-Ring Boss	2.14
00320781	6410-10-12-O	5/8" Male O-Ring Boss - Rigid	3/4" Female O-Ring Boss	5.45
00329278	6410-12-04-O	3/4" Male O-Ring Boss - Rigid	1/4" Female O-Ring Boss	11.28
00460005	6410-12-06-O	3/4" Male O-Ring Boss - Rigid	3/8" Female O-Ring Boss	11.43
00320787	6410-12-08-O	3/4" Male O-Ring Boss - Rigid	1/2" Female O-Ring Boss	3.37
00320793	6410-12-10-O	3/4" Male O-Ring Boss - Rigid	5/8" Female O-Ring Boss	4.50
01378612	6410-12-12-O	3/4" Male O-Ring Boss - Rigid	3/4" Female O-Ring Boss	27.93
00316644	6410-12-16-O	3/4" Male O-Ring Boss - Rigid	1" Female O-Ring Boss	17.45
02481469	6410-12-20-O	3/4" Male O-Ring Boss - Rigid	1-1/4" Female O-Ring Boss	41.60
02157828	6410-16-04-O	1" Male O-Ring Boss - Rigid	1/4" Female O-Ring Boss	17.92
02481471	6410-16-06-O	1" Male O-Ring Boss - Rigid	3/8" Female O-Ring Boss	17.75
00320808	6410-16-08-O	1" Male O-Ring Boss - Rigid	1/2" Female O-Ring Boss	5.54
01541461	6410-16-10-O	1" Male O-Ring Boss - Rigid	5/8" Female O-Ring Boss	8.99
00320812	6410-16-12-O	1" Male O-Ring Boss - Rigid	3/4" Female O-Ring Boss	5.23
00320823	6410-16-16-O	1" Male O-Ring Boss - Rigid	1" Female O-Ring Boss	15.58
00321452	6410-16-20-O	1" Male O-Ring Boss - Rigid	1-1/4" Female O-Ring Boss	35.16
02481476	6410-16-24-O	1" Male O-Ring Boss - Rigid	1-1/2" Female O-Ring Boss	45.13
02244495	6410-20-06-O	1-1/4" Male O-Ring Boss - Rigid	3/8" Female O-Ring Boss	40.85
02244465	6410-20-08-O	1-1/4" Male O-Ring Boss - Rigid	1/2" Female O-Ring Boss	17.59
02481477	6410-20-10-O	1-1/4" Male O-Ring Boss - Rigid	5/8" Female O-Ring Boss	20.83
00320825	6410-20-12-O	1-1/4" Male O-Ring Boss - Rigid	3/4" Female O-Ring Boss	17.27
00320830	6410-20-16-O	1-1/4" Male O-Ring Boss - Rigid	1" Female O-Ring Boss	17.27
00457709	6410-20-24-O	1-1/4" Male O-Ring Boss - Rigid	1-1/2" Female O-Ring Boss	45.71
00445574	6410-24-12-O	1-1/2" Male O-Ring Boss - Rigid	3/4" Female O-Ring Boss	21.86
00444736	6410-24-16-O	1-1/2" Male O-Ring Boss - Rigid	1" Female O-Ring Boss	21.66
00320840	6410-24-20-O	1-1/2" Male O-Ring Boss - Rigid	1-1/4" Female O-Ring Boss	21.40
02481484	6410-32-12-O	2" Male O-Ring Boss - Rigid	3/4" Female O-Ring Boss	119.20
01604064	6410-32-16-O	2" Male O-Ring Boss - Rigid	1" Female O-Ring Boss	107.29
01604065	6410-32-20-O	2" Male O-Ring Boss - Rigid	1-1/4" Female O-Ring Boss	83.95
00320850	6410-32-24-O	2" Male O-Ring Boss - Rigid	1-1/2" Female O-Ring Boss	61.42

SHIPPING & HANDLING CHARGES APPLY

See page 2 for your local phone number



**90° Elbow Adapter
Series 6500-FG MJ - FJS 90° Elbow**

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Forged one-piece construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
03518415	6500-02-02-FG	1/8" Male JIC 37° Flare	1/8" Female JIC Swivel 37° Flare	\$16.67
00318482	6500-04-04-FG	1/4" Male JIC 37° Flare	1/4" Female JIC Swivel 37° Flare	2.40
03518492	6500-04-06-FG	1/4" Male JIC 37° Flare	3/8" Female JIC Swivel 37° Flare	9.49
02567436	6500-06-04-FG	3/8" Male JIC 37° Flare	1/4" Female JIC Swivel 37° Flare	6.58
00318504	6500-06-06-FG	3/8" Male JIC 37° Flare	3/8" Female JIC Swivel 37° Flare	2.53
00318641	6500-06-08-FG	3/8" Male JIC 37° Flare	1/2" Female JIC Swivel 37° Flare	8.18
00324650	6500-08-06-FG	1/2" Male JIC 37° Flare	3/8" Female JIC Swivel 37° Flare	8.86
00318517	6500-08-08-FG	1/2" Male JIC 37° Flare	1/2" Female JIC Swivel 37° Flare	3.60
00358920	6500-08-10-FG	1/2" Male JIC 37° Flare	5/8" Female JIC Swivel 37° Flare	10.11
00318657	6500-08-12-FG	1/2" Male JIC 37° Flare	3/4" Female JIC Swivel 37° Flare	14.23
01627304	6500-10-08-FG	5/8" Male JIC 37° Flare	1/2" Female JIC Swivel 37° Flare	9.19
00318532	6500-10-10-FG	5/8" Male JIC 37° Flare	5/8" Female JIC Swivel 37° Flare	5.32
02144120	6500-10-12-FG	5/8" Male JIC 37° Flare	3/4" Female JIC Swivel 37° Flare	10.86
00319501	6500-12-08-FG	3/4" Male JIC 37° Flare	1/2" Female JIC Swivel 37° Flare	12.20
02157831	6500-12-10-FG	3/4" Male JIC 37° Flare	5/8" Female JIC Swivel 37° Flare	13.10
00318543	6500-12-12-FG	3/4" Male JIC 37° Flare	3/4" Female JIC Swivel 37° Flare	7.11
02157832	6500-12-16-FG	3/4" Male JIC 37° Flare	1" Female JIC Swivel 37° Flare	34.33
02248136	6500-16-12-FG	1" Male JIC 37° Flare	3/4" Female JIC Swivel 37° Flare	10.00
00318565	6500-16-16-FG	1" Male JIC 37° Flare	1" Female JIC Swivel 37° Flare	11.76
00318578	6500-20-20-FG	1-1/4" Male JIC 37° Flare	1-1/4" Female JIC Swivel 37° Flare	27.72
00316651	6500-24-24-FG	1-1/2" Male JIC 37° Flare	1-1/2" Female JIC Swivel 37° Flare	41.29

**90° Elbow Adapter
Series 6501-FG MP - FJS 90° Elbow**

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Forged one-piece construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00352406	6501-02-04-FG	1/8" Male Pipe - Rigid	1/4" Female JIC Swivel 37° Flare	\$2.65
00358927	6501-04-04-FG	1/4" Male Pipe - Rigid	1/4" Female JIC Swivel 37° Flare	6.84
00318673	6501-04-06-FG	1/4" Male Pipe - Rigid	3/8" Female JIC Swivel 37° Flare	3.57
03518462	6501-06-04-FG	3/8" Male Pipe - Rigid	1/4" Female JIC Swivel 37° Flare	8.87
00313492	6501-06-06-FG	3/8" Male Pipe - Rigid	3/8" Female JIC Swivel 37° Flare	4.53
00318680	6501-06-08-FG	3/8" Male Pipe - Rigid	1/2" Female JIC Swivel 37° Flare	8.43
03518417	6501-06-08-FG	3/8" Male Pipe - Rigid	1/2" Female JIC Swivel 37° Flare	4.77
00303365	6501-08-08-FG	1/2" Male Pipe - Rigid	1/2" Female JIC Swivel 37° Flare	6.21
00318686	6501-08-10-FG	1/2" Male Pipe - Rigid	5/8" Female JIC Swivel 37° Flare	6.52
00318692	6501-12-12-FG	3/4" Male Pipe - Rigid	3/4" Female JIC Swivel 37° Flare	8.70
00318699	6501-16-16-FG	1" Male Pipe - Rigid	1" Female JIC Swivel 37° Flare	16.20
00316662	6501-20-20-FG	1-1/4" Male Pipe - Rigid	1-1/4" Female JIC Swivel 37° Flare	31.96
00316665	6501-24-24-FG	1-1/2" Male Pipe - Rigid	1-1/2" Female JIC Swivel 37° Flare	46.00
00316668	6501-32-32-FG	2" Male Pipe - Rigid	2" Female JIC Swivel 37° Flare	186.44

PRICES SUBJECT TO CHANGE



45° Elbow Adapter

Series 6502-FG MJ - FJS 45° Elbow

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Forged one-piece steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00320060	6502-04-04-FG	1/4" Male JIC 37° Flare	1/4" Female JIC Swivel 37° Flare	\$3.05
00320078	6502-06-06-FG	3/8" Male JIC 37° Flare	3/8" Female JIC Swivel 37° Flare	2.93
00320090	6502-08-08-FG	1/2" Male JIC 37° Flare	1/2" Female JIC Swivel 37° Flare	3.64
00320102	6502-10-10-FG	5/8" Male JIC 37° Flare	5/8" Female JIC Swivel 37° Flare	5.70
00320114	6502-12-12-FG	3/4" Male JIC 37° Flare	3/4" Female JIC Swivel 37° Flare	6.94
00320132	6502-16-16-FG	1" Male JIC 37° Flare	1" Female JIC Swivel 37° Flare	11.95
00316671	6502-20-20-FG	1-1/4" Male JIC 37° Flare	1-1/4" Female JIC Swivel 37° Flare	25.73
00316677	6502-24-24-FG	1-1/2" Male JIC 37° Flare	1-1/2" Female JIC Swivel 37° Flare	47.68
00316681	6502-32-32-FG	2" Male JIC 37° Flare	2" Female JIC Swivel 37° Flare	126.10

Straight Adapter

Series 6505 MP - FPS Straight

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
01472713	6505-02-04	1/8" Male Pipe - Rigid	1/4" Female Pipe - Swivel	8.84
00316850	6505-04-04	1/4" Male Pipe - Rigid	1/4" Female Pipe - Swivel	2.71
00316852	6505-04-06	1/4" Male Pipe - Rigid	3/8" Female Pipe - Swivel	2.78
03303656	6505-06-04	3/8" Male Pipe - Rigid	1/4" Female Pipe - Swivel	6.20
00337946	6505-06-06	3/8" Male Pipe - Rigid	3/8" Female Pipe - Swivel	2.86
00316854	6505-06-08	3/8" Male Pipe - Rigid	1/2" Female Pipe - Swivel	3.64
00325014	6505-06-10	3/8" Male Pipe - Rigid	5/8" Female Pipe - Swivel	7.87
00337949	6505-08-08	1/2" Male Pipe - Rigid	1/2" Female Pipe - Swivel	3.33
00338038	6505-08-10	1/2" Male Pipe - Rigid	5/8" Female Pipe - Swivel	4.59
00329302	6505-08-12	1/2" Male Pipe - Rigid	3/4" Female Pipe - Swivel	10.18
00338334	6505-12-10	3/4" Male Pipe - Rigid	5/8" Female Pipe - Swivel	10.67
00337955	6505-12-12	3/4" Male Pipe - Rigid	3/4" Female Pipe - Swivel	10.24
00338333	6505-12-16	3/4" Male Pipe - Rigid	1" Female Pipe - Swivel	17.16
00316856	6505-16-16	1" Male Pipe - Rigid	1" Female Pipe - Swivel	13.26
00457001	6505-20-20	1-1/4" Male Pipe - Rigid	1-1/4" Female Pipe - Swivel	24.47
00338317	6505-24-24	1-1/2" Male Pipe - Rigid	1-1/2" Female Pipe - Swivel	33.16
02157834	6505-32-32	2" Male Pipe - Rigid	2" Female Pipe - Swivel	\$145.52



Tee Adapter

Series 6602-FG MJ - FJS - MJ Tee

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Forged one-piece construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Tee Only Center Position Thread Size	Price
03518421	6602-03-03-03-FG	3/16" Male JIC 37° Flare	3/16" Female JIC Swivel 37° Flare	3/16" Male JIC 37° Flare	\$4.83
00319509	6602-04-04-04-FG	1/4" Male JIC 37° Flare	1/4" Female JIC Swivel 37° Flare	1/4" Male JIC 37° Flare	3.60
03518340	6602-06-06-04-FG	3/8" Male JIC 37° Flare	3/8" Female JIC Swivel 37° Flare	1/4" Male JIC 37° Flare	4.64
00319522	6602-06-06-06-FG	3/8" Male JIC 37° Flare	3/8" Female JIC Swivel 37° Flare	3/8" Male JIC 37° Flare	3.39
03518342	6602-06-08-08-FG	3/8" Male JIC 37° Flare	1/2" Female JIC Swivel 37° Flare	1/2" Male JIC 37° Flare	8.16
03518494	6602-08-08-04-FG	1/2" Male JIC 37° Flare	1/2" Female JIC Swivel 37° Flare	1/4" Male JIC 37° Flare	93.15
03518343	6602-08-08-06-FG	1/2" Male JIC 37° Flare	1/2" Female JIC Swivel 37° Flare	3/8" Male JIC 37° Flare	6.48
00319534	6602-08-08-08-FG	1/2" Male JIC 37° Flare	1/2" Female JIC Swivel 37° Flare	1/2" Male JIC 37° Flare	5.13
00319546	6602-10-10-10-FG	5/8" Male JIC 37° Flare	5/8" Female JIC Swivel 37° Flare	5/8" Male JIC 37° Flare	6.99
00319557	6602-12-12-12-FG	3/4" Male JIC 37° Flare	3/4" Female JIC Swivel 37° Flare	3/4" Male JIC 37° Flare	9.68
00319573	6602-16-16-16-FG	1" Male JIC 37° Flare	1" Female JIC Swivel 37° Flare	1" Male JIC 37° Flare	16.01
00319585	6602-20-20-20-FG	1-1/4" Male JIC 37° Flare	1-1/4" Female JIC Swivel 37° Flare	1-1/4" Male JIC 37° Flare	34.17
00316809	6602-24-24-24-FG	1-1/2" Male JIC 37° Flare	1-1/2" Female JIC Swivel 37° Flare	1-1/2" Male JIC 37° Flare	55.18
00316812	6602-32-32-32-FG	2" Male JIC 37° Flare	2" Female JIC Swivel 37° Flare	2" Male JIC 37° Flare	252.27

90° Elbow Adapter

Series 6801-NWO-FG MJ - MAORB Adjustable 90° Elbow

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Forged one-piece construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
03518282	6801-02-02-NWO-FG	1/8" Male JIC 37° Flare	1/8" Male O-Ring Boss - Adjustable Rigid	\$56.36
00318043	6801-03-03-NWO-FG	3/16" Male JIC 37° Flare	3/16" Male O-Ring Boss - Adjustable Rigid	17.91
03518423	6801-04-02-NWO-FG	1/4" Male JIC 37° Flare	1/8" Male O-Ring Boss - Adjustable Rigid	3.18
03518495	6801-04-03-NWO-FG	1/4" Male JIC 37° Flare	3/16" Male O-Ring Boss - Adjustable Rigid	5.42
00318049	6801-04-04-NWO-FG	1/4" Male JIC 37° Flare	1/4" Male O-Ring Boss - Adjustable Rigid	2.44
00316703	6801-04-06-NWO-FG	1/4" Male JIC 37° Flare	3/8" Male O-Ring Boss - Adjustable Rigid	3.28

continued on next page

PRICES SUBJECT TO CHANGE



continued from previous page

90° Elbow Adapter - Series 6801-NWO-FG
MJ - MAORB Adjustable 90° Elbow

Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00316893	6801-04-08-NWO-FG	1/4" Male JIC 37° Flare	1/2" Male O-Ring Boss - Adjustable Rigid	7.42
03013993	6801-06-02-NWO-FG	3/8" Male JIC 37° Flare	1/8" Male O-Ring Boss - Adjustable Rigid	56.13
00316713	6801-06-04-NWO-FG	3/8" Male JIC 37° Flare	1/4" Male O-Ring Boss - Adjustable Rigid	3.26
00318078	6801-06-06-NWO-FG	3/8" Male JIC 37° Flare	3/8" Male O-Ring Boss - Adjustable Rigid	2.76
00318092	6801-06-08-NWO-FG	3/8" Male JIC 37° Flare	1/2" Male O-Ring Boss - Adjustable Rigid	3.98
00316720	6801-06-10-NWO-FG	3/8" Male JIC 37° Flare	5/8" Male O-Ring Boss - Adjustable Rigid	5.22
02993393	6801-06-12-NWO-FG	3/8" Male JIC 37° Flare	3/4" Male O-Ring Boss - Adjustable Rigid	7.54
02065725	6801-08-04-NWO-FG	1/2" Male JIC 37° Flare	1/4" Male O-Ring Boss - Adjustable Rigid	7.60
00318117	6801-08-06-NWO-FG	1/2" Male JIC 37° Flare	3/8" Male O-Ring Boss - Adjustable Rigid	4.19
00318103	6801-08-08-NWO-FG	1/2" Male JIC 37° Flare	1/2" Male O-Ring Boss - Adjustable Rigid	4.00
00318127	6801-08-10-NWO-FG	1/2" Male JIC 37° Flare	5/8" Male O-Ring Boss - Adjustable Rigid	4.88
00316723	6801-08-12-NWO-FG	1/2" Male JIC 37° Flare	3/4" Male O-Ring Boss - Adjustable Rigid	7.39
00316861	6801-08-16-NWO-FG	1/2" Male JIC 37° Flare	1" Male O-Ring Boss - Adjustable Rigid	18.47
01627317	6801-10-06-NWO-FG	5/8" Male JIC 37° Flare	3/8" Male O-Ring Boss - Adjustable Rigid	6.78
00318151	6801-10-08-NWO-FG	5/8" Male JIC 37° Flare	1/2" Male O-Ring Boss - Adjustable Rigid	4.88
00318137	6801-10-10-NWO-FG	5/8" Male JIC 37° Flare	5/8" Male O-Ring Boss - Adjustable Rigid	5.37
00318181	6801-10-12-NWO-FG	5/8" Male JIC 37° Flare	3/4" Male O-Ring Boss - Adjustable Rigid	8.14
01627318	6801-10-16-NWO-FG	5/8" Male JIC 37° Flare	1" Male O-Ring Boss - Adjustable Rigid	18.80
01627319	6801-10-20-NWO-FG	5/8" Male JIC 37° Flare	1-1/4" Male O-Ring Boss - Adjustable Rigid	30.60
00353391	6801-12-06-NWO-FG	3/4" Male JIC 37° Flare	3/8" Male O-Ring Boss - Adjustable Rigid	13.05
00316728	6801-12-08-NWO-FG	3/4" Male JIC 37° Flare	1/2" Male O-Ring Boss - Adjustable Rigid	7.66
00318174	6801-12-10-NWO-FG	3/4" Male JIC 37° Flare	5/8" Male O-Ring Boss - Adjustable Rigid	7.55
00318160	6801-12-12-NWO-FG	3/4" Male JIC 37° Flare	3/4" Male O-Ring Boss - Adjustable Rigid	7.55
00316735	6801-12-16-NWO-FG	3/4" Male JIC 37° Flare	1" Male O-Ring Boss - Adjustable Rigid	11.61
00316459	6801-12-20-NWO-FG	3/4" Male JIC 37° Flare	1-1/4" Male O-Ring Boss - Adjustable Rigid	30.05
02352044	6801-16-08-NWO-FG	1" Male JIC 37° Flare	1/2" Male O-Ring Boss - Adjustable Rigid	18.29
00328187	6801-16-10-NWO-FG	1" Male JIC 37° Flare	5/8" Male O-Ring Boss - Adjustable Rigid	18.98
00318212	6801-16-12-NWO-FG	1" Male JIC 37° Flare	3/4" Male O-Ring Boss - Adjustable Rigid	11.09
00318198	6801-16-16-NWO-FG	1" Male JIC 37° Flare	1" Male O-Ring Boss - Adjustable Rigid	11.87
00316742	6801-16-20-NWO-FG	1" Male JIC 37° Flare	1-1/4" Male O-Ring Boss - Adjustable Rigid	23.86
01472664	6801-16-24-NWO-FG	1" Male JIC 37° Flare	1-1/2" Male O-Ring Boss - Adjustable Rigid	64.24
00327990	6801-20-12-NWO-FG	1-1/4" Male JIC 37° Flare	3/4" Male O-Ring Boss - Adjustable Rigid	25.44
00316746	6801-20-16-NWO-FG	1-1/4" Male JIC 37° Flare	1" Male O-Ring Boss - Adjustable Rigid	23.56
00318223	6801-20-20-NWO-FG	1-1/4" Male JIC 37° Flare	1-1/4" Male O-Ring Boss - Adjustable Rigid	21.97
00323192	6801-20-24-NWO-FG	1-1/4" Male JIC 37° Flare	1-1/2" Male O-Ring Boss - Adjustable Rigid	41.04
03518283	6801-24-16-NWO-FG	1-1/2" Male JIC 37° Flare	1" Male O-Ring Boss - Adjustable Rigid	42.86
00316749	6801-24-20-NWO-FG	1-1/2" Male JIC 37° Flare	1-1/4" Male O-Ring Boss - Adjustable Rigid	35.41
00318235	6801-24-24-NWO-FG	1-1/2" Male JIC 37° Flare	1-1/2" Male O-Ring Boss - Adjustable Rigid	33.27
00465590	6801-32-24-NWO-FG	2" Male JIC 37° Flare	1-1/2" Male O-Ring Boss - Adjustable Rigid	191.71
00318244	6801-32-32-NWO-FG	2" Male JIC 37° Flare	2" Male O-Ring Boss - Adjustable Rigid	165.09

SHIPPING & HANDLING CHARGES APPLY

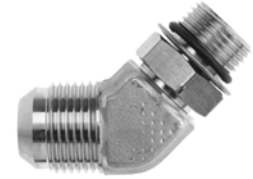
See page 2 for your local phone number



45° Elbow Adapter

Series 6802-NWO-FG MJ - MAORB Adjustable 45° Elbow

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Forged one piece construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00319871	6802-04-04-NWO-FG	1/4" Male JIC 37° Flare	1/4" Male O-Ring Boss - Adjustable Rigid	\$3.24
00463279	6802-04-06-NWO-FG	1/4" Male JIC 37° Flare	3/8" Male O-Ring Boss - Adjustable Rigid	4.53
00320028	6802-04-08-NWO-FG	1/4" Male JIC 37° Flare	1/2" Male O-Ring Boss - Adjustable Rigid	24.40
00358929	6802-06-04-NWO-FG	3/8" Male JIC 37° Flare	1/4" Male O-Ring Boss - Adjustable Rigid	3.53
00319898	6802-06-06-NWO-FG	3/8" Male JIC 37° Flare	3/8" Male O-Ring Boss - Adjustable Rigid	3.60
00316760	6802-06-08-NWO-FG	3/8" Male JIC 37° Flare	1/2" Male O-Ring Boss - Adjustable Rigid	4.44
02144126	6802-06-10-NWO-FG	3/8" Male JIC 37° Flare	5/8" Male O-Ring Boss - Adjustable Rigid	11.95
00316764	6802-08-06-NWO-FG	1/2" Male JIC 37° Flare	3/8" Male O-Ring Boss - Adjustable Rigid	6.00
00319911	6802-08-08-NWO-FG	1/2" Male JIC 37° Flare	1/2" Male O-Ring Boss - Adjustable Rigid	4.67
00319924	6802-08-10-NWO-FG	1/2" Male JIC 37° Flare	5/8" Male O-Ring Boss - Adjustable Rigid	6.16
00352408	6802-08-12-NWO-FG	1/2" Male JIC 37° Flare	3/4" Male O-Ring Boss - Adjustable Rigid	17.98
00316768	6802-10-08-NWO-FG	5/8" Male JIC 37° Flare	1/2" Male O-Ring Boss - Adjustable Rigid	8.01
00319934	6802-10-10-NWO-FG	5/8" Male JIC 37° Flare	5/8" Male O-Ring Boss - Adjustable Rigid	5.79
00352410	6802-10-12-NWO-FG	5/8" Male JIC 37° Flare	3/4" Male O-Ring Boss - Adjustable Rigid	9.79
00358926	6802-12-08-NWO-FG	3/4" Male JIC 37° Flare	1/2" Male O-Ring Boss - Adjustable Rigid	23.90
00319958	6802-12-10-NWO-FG	3/4" Male JIC 37° Flare	5/8" Male O-Ring Boss - Adjustable Rigid	9.34
00319946	6802-12-12-NWO-FG	3/4" Male JIC 37° Flare	3/4" Male O-Ring Boss - Adjustable Rigid	7.45
00316772	6802-12-16-NWO-FG	3/4" Male JIC 37° Flare	1" Male O-Ring Boss - Adjustable Rigid	15.65
00316815	6802-16-12-NWO-FG	1" Male JIC 37° Flare	3/4" Male O-Ring Boss - Adjustable Rigid	15.82
00319976	6802-16-16-NWO-FG	1" Male JIC 37° Flare	1" Male O-Ring Boss - Adjustable Rigid	13.53
00358925	6802-16-20-NWO-FG	1" Male JIC 37° Flare	1-1/4" Male O-Ring Boss - Adjustable Rigid	42.98
00315978	6802-20-16-NWO-FG	1-1/4" Male JIC 37° Flare	1" Male O-Ring Boss - Adjustable Rigid	36.38
00319990	6802-20-20-NWO-FG	1-1/4" Male JIC 37° Flare	1-1/4" Male O-Ring Boss - Adjustable Rigid	25.53
00328938	6802-20-24-NWO-FG	1-1/4" Male JIC 37° Flare	1-1/2" Male O-Ring Boss - Adjustable Rigid	104.57
03518428	6802-24-20-NWO-FG	1-1/2" Male JIC 37° Flare	1-1/4" Male O-Ring Boss - Adjustable Rigid	42.13
00319999	6802-24-24-NWO-FG	1-1/2" Male JIC 37° Flare	1-1/2" Male O-Ring Boss - Adjustable Rigid	41.36
00316775	6802-32-32-NWO-FG	2" Male JIC 37° Flare	2" Male O-Ring Boss - Adjustable Rigid	142.37

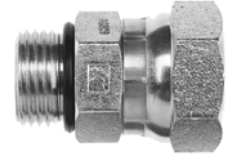


Straight Adapter

Series 6900- MORB - FPS Straight



- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



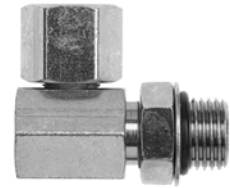
Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
01506912	6900-04-02-O	1/4" Male O-Ring Boss - Rigid	1/8" Female Pipe - Swivel	\$6.02
00321805	6900-04-04-O	1/4" Male O-Ring Boss - Rigid	1/4" Female Pipe - Swivel	1.64
01506898	6900-04-06-O	1/4" Male O-Ring Boss - Rigid	3/8" Female Pipe - Swivel	8.46
02229371	6900-04-08-O	1/4" Male O-Ring Boss - Rigid	1/2" Female Pipe - Swivel	9.31
00321820	6900-06-04-O	3/8" Male O-Ring Boss - Rigid	1/4" Female Pipe - Swivel	1.73
00321836	6900-06-06-O	3/8" Male O-Ring Boss - Rigid	3/8" Female Pipe - Swivel	1.83
00316787	6900-06-08-O	3/8" Male O-Ring Boss - Rigid	1/2" Female Pipe - Swivel	4.53
00321829	6900-08-04-O	1/2" Male O-Ring Boss - Rigid	1/4" Female Pipe - Swivel	2.75
00321852	6900-08-06-O	1/2" Male O-Ring Boss - Rigid	3/8" Female Pipe - Swivel	2.46
00321867	6900-08-08-O	1/2" Male O-Ring Boss - Rigid	1/2" Female Pipe - Swivel	2.53
00321878	6900-08-12-O	1/2" Male O-Ring Boss - Rigid	3/4" Female Pipe - Swivel	5.41
00321845	6900-10-06-O	5/8" Male O-Ring Boss - Rigid	3/8" Female Pipe - Swivel	3.51
00321888	6900-10-08-O	5/8" Male O-Ring Boss - Rigid	1/2" Female Pipe - Swivel	3.39
00321906	6900-10-12-O	5/8" Male O-Ring Boss - Rigid	3/4" Female Pipe - Swivel	4.71
00322277	6900-12-06-O	3/4" Male O-Ring Boss - Rigid	3/8" Female Pipe - Swivel	17.78
00321897	6900-12-08-O	3/4" Male O-Ring Boss - Rigid	1/2" Female Pipe - Swivel	5.07
00321914	6900-12-12-O	3/4" Male O-Ring Boss - Rigid	3/4" Female Pipe - Swivel	4.21
00317214	6900-12-16-O	3/4" Male O-Ring Boss - Rigid	1" Female Pipe - Swivel	12.69
02481647	6900-16-08-O	1" Male O-Ring Boss - Rigid	1/2" Female Pipe - Swivel	23.89
00321951	6900-16-12-O	1" Male O-Ring Boss - Rigid	3/4" Female Pipe - Swivel	8.61
00321929	6900-16-16-O	1" Male O-Ring Boss - Rigid	1" Female Pipe - Swivel	7.76
02481648	6900-16-20-O	1" Male O-Ring Boss - Rigid	1-1/4" Female Pipe - Swivel	34.19
00352833	6900-20-12-O	1-1/4" Male O-Ring Boss - Rigid	3/4" Female Pipe - Swivel	33.29
00321937	6900-20-16-O	1-1/4" Male O-Ring Boss - Rigid	1" Female Pipe - Swivel	19.81
00321941	6900-20-20-O	1-1/4" Male O-Ring Boss - Rigid	1-1/4" Female Pipe - Swivel	21.42
01604073	6900-24-20-O	1-1/2" Male O-Ring Boss - Rigid	1-1/4" Female Pipe - Swivel	49.86
00321946	6900-24-24-O	1-1/2" Male O-Ring Boss - Rigid	1-1/2" Female Pipe - Swivel	50.11
00316795	6900-32-32-O	2" Male O-Ring Boss - Rigid	2" Female Pipe - Swivel	210.49



90° Elbow Adapter

Series 6901-NWO MAORB - FPS Adjustable 90° Elbow

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Steel construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
01618819	6901-04-02-NWO	1/4" Male O-Ring Boss - Adjustable Rigid	1/8" Female Pipe - Swivel	\$10.25
01604074	6901-04-06-NWO	1/4" Male O-Ring Boss - Adjustable Rigid	3/8" Female Pipe - Swivel	13.38
01627330	6901-04-08-NWO	1/4" Male O-Ring Boss - Adjustable Rigid	1/2" Female Pipe - Swivel	19.02
00324332	6901-08-04-NWO	1/2" Male O-Ring Boss - Adjustable Rigid	1/4" Female Pipe - Swivel	7.98
00322070	6901-08-12-NWO	1/2" Male O-Ring Boss - Adjustable Rigid	3/4" Female Pipe - Swivel	12.16
02229381	6901-10-04-NWO	5/8" Male O-Ring Boss - Adjustable Rigid	1/4" Female Pipe - Swivel	11.51
02157845	6901-12-06-NWO	3/4" Male O-Ring Boss - Adjustable Rigid	3/8" Female Pipe - Swivel	16.33
01474286	6901-16-20-NWO	1" Male O-Ring Boss - Adjustable Rigid	1-1/4" Female Pipe - Swivel	66.24
00316803	6901-32-32-NWO	2" Male O-Ring Boss - Adjustable Rigid	2" Female Pipe - Swivel	275.88

90° Elbow Adapter

Series 6901-NWO-FG MAORB - FPS Adjustable 90° Elbow

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Forged one-piece construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00322018	6901-04-04-NWO-FG	1/4" Male O-Ring Boss - Adjustable Rigid	1/4" Female Pipe - Swivel	\$4.84
00322028	6901-06-04-NWO-FG	3/8" Male O-Ring Boss - Adjustable Rigid	1/4" Female Pipe - Swivel	3.56
00322035	6901-06-06-NWO-FG	3/8" Male O-Ring Boss - Adjustable Rigid	3/8" Female Pipe - Swivel	4.36
03518461	6901-08-04-NWO-FG	1/2" Male O-Ring Boss - Adjustable Rigid	1/4" Female Pipe - Swivel	8.56
00322046	6901-08-06-NWO-FG	1/2" Male O-Ring Boss - Adjustable Rigid	3/8" Female Pipe - Swivel	6.50
00322060	6901-08-08-NWO-FG	1/2" Male O-Ring Boss - Adjustable Rigid	1/2" Female Pipe - Swivel	6.96
00322053	6901-10-06-NWO-FG	5/8" Male O-Ring Boss - Adjustable Rigid	3/8" Female Pipe - Swivel	7.20
00322077	6901-10-08-NWO-FG	5/8" Male O-Ring Boss - Adjustable Rigid	1/2" Female Pipe - Swivel	6.58
00322085	6901-10-12-NWO-FG	5/8" Male O-Ring Boss - Adjustable Rigid	3/4" Female Pipe - Swivel	14.04
00322280	6901-12-08-NWO-FG	3/4" Male O-Ring Boss - Adjustable Rigid	1/2" Female Pipe - Swivel	10.50
00322092	6901-12-12-NWO-FG	3/4" Male O-Ring Boss - Adjustable Rigid	3/4" Female Pipe - Swivel	11.84
00323690	6901-12-16-NWO-FG	3/4" Male O-Ring Boss - Adjustable Rigid	1" Female Pipe - Swivel	34.51
00322287	6901-16-12-NWO-FG	1" Male O-Ring Boss - Adjustable Rigid	3/4" Female Pipe - Swivel	19.31
00322102	6901-16-16-NWO-FG	1" Male O-Ring Boss - Adjustable Rigid	1" Female Pipe - Swivel	17.00
00322291	6901-16-20-NWO-FG	1" Male O-Ring Boss - Adjustable Rigid	1-1/4" Female Pipe - Swivel	70.94
00322294	6901-20-12-NWO-FG	1-1/4" Male O-Ring Boss - Adjustable Rigid	3/4" Female Pipe - Swivel	46.68
00322303	6901-20-16NWO-FG	1-1/4" Male O-Ring Boss - Adjustable Rigid	1" Female Pipe - Swivel	37.20
00322297	6901-20-20-NWO-FG	1-1/4" Male O-Ring Boss - Adjustable Rigid	1-1/4" Female Pipe - Swivel	37.12
03518216	6901-24-20-NWO-FG	1-1/2" Male O-Ring Boss - Adjustable Rigid	1-1/4" Female Pipe - Swivel	32.34
00316801	6901-24-24-NWO-FG	1-1/2" Male O-Ring Boss - Adjustable Rigid	1-1/2" Female Pipe - Swivel	100.06

PRICES SUBJECT TO CHANGE

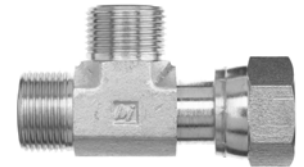


Tee Adapter

Series FS6602-FG MFS - FFSS - MFS Tee



- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Forged one-piece construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Tee Only Center Position Thread Size	Price
00264929	FS6602-04-04-04-FG	1/4" Male Flat-Face O-Ring	1/4" Female Flat Face O-Ring Swivel	1/4" Male Flat-Face O-Ring	\$4.75
00264932	FS6602-06-06-06-FG	3/8" Male Flat-Face O-Ring	3/8" Female Flat Face O-Ring Swivel	3/8" Male Flat-Face O-Ring	6.73
00264935	FS6602-08-08-08-FG	1/2" Male Flat-Face O-Ring	1/2" Female Flat Face O-Ring Swivel	1/2" Male Flat-Face O-Ring	8.02
00264938	FS6602-10-10-10-FG	5/8" Male Flat-Face O-Ring	5/8" Female Flat Face O-Ring Swivel	5/8" Male Flat-Face O-Ring	11.80
00264941	FS6602-12-12-12-FG	3/4" Male Flat-Face O-Ring	3/4" Female Flat Face O-Ring Swivel	3/4" Male Flat-Face O-Ring	18.76
00264944	FS6602-16-16-16-FG	1" Male Flat-Face O-Ring	1" Female Flat Face O-Ring Swivel	1" Male Flat-Face O-Ring	20.48
00264947	FS6602-20-20-20-FG	1-1/4" Male Flat-Face O-Ring	1-1/4" Female Flat Face O-Ring Swivel	1-1/4" Male Flat-Face O-Ring	31.68
00264950	FS6602-24-24-24-FG	1-1/2" Male Flat-Face O-Ring	1-1/2" Female Flat Face O-Ring Swivel	1-1/2" Male Flat-Face O-Ring	62.39

90° Elbow Adapter

Series FS6801-NWO-FG MFS - MAORB Adjustable 90° Elbow



- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Forged one-piece construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00310826	FS6801-04-04-NWO-FG	1/4" Male Flat-Face O-Ring	1/4" Male O-Ring Boss - Adjustable Rigid	\$2.78
00318658	FS6801-04-06-NWO-FG	1/4" Male Flat-Face O-Ring	3/8" Male O-Ring Boss - Adjustable Rigid	3.53
00264953	FS6801-04-08-NWO-FG	1/4" Male Flat-Face O-Ring	1/2" Male O-Ring Boss - Adjustable Rigid	5.48
03518446	FS6801-06-05-NWO-FG	3/8" Male Flat-Face O-Ring	5/16" Male O-Ring Boss - Adjustable Rigid	8.20
00361214	FS6801-06-06-NWO-FG	3/8" Male Flat-Face O-Ring	3/8" Male O-Ring Boss - Adjustable Rigid	3.69
00361217	FS6801-06-08-NWO-FG	3/8" Male Flat-Face O-Ring	1/2" Male O-Ring Boss - Adjustable Rigid	8.92
00264972	FS6801-06-10-NWO-FG	3/8" Male Flat-Face O-Ring	5/8" Male O-Ring Boss - Adjustable Rigid	7.94
02567439	FS6801-06-12-NWO-FG	3/8" Male Flat-Face O-Ring	3/4" Male O-Ring Boss - Adjustable Rigid	8.53
00318654	FS6801-08-06-NWO-FG	1/2" Male Flat-Face O-Ring	3/8" Male O-Ring Boss - Adjustable Rigid	4.55
00318423	FS6801-08-08-NWO-FG	1/2" Male Flat-Face O-Ring	1/2" Male O-Ring Boss - Adjustable Rigid	4.29
00264976	FS6801-08-10-NWO-FG	1/2" Male Flat-Face O-Ring	5/8" Male O-Ring Boss - Adjustable Rigid	6.50
00264980	FS6801-08-12-NWO-FG	1/2" Male Flat-Face O-Ring	3/4" Male O-Ring Boss - Adjustable Rigid	8.94
00264984	FS6801-10-08-NWO-FG	5/8" Male Flat-Face O-Ring	1/2" Male O-Ring Boss - Adjustable Rigid	6.70
00264988	FS6801-10-12-NWO-FG	5/8" Male Flat-Face O-Ring	3/4" Male O-Ring Boss - Adjustable Rigid	7.38
00264992	FS6801-12-08-NWO-FG	3/4" Male Flat-Face O-Ring	1/2" Male O-Ring Boss - Adjustable Rigid	9.33
00264996	FS6801-12-10-NWO-FG	3/4" Male Flat-Face O-Ring	5/8" Male O-Ring Boss - Adjustable Rigid	8.71
00318447	FS6801-12-12-NWO-FG	3/4" Male Flat-Face O-Ring	3/4" Male O-Ring Boss - Adjustable Rigid	8.46
00265000	FS6801-12-16-NWO-FG	3/4" Male Flat-Face O-Ring	1" Male O-Ring Boss - Adjustable Rigid	13.95
00265004	FS6801-16-12-NWO-FG	1" Male Flat-Face O-Ring	3/4" Male O-Ring Boss - Adjustable Rigid	12.22
00318457	FS6801-16-16-NWO-FG	1" Male Flat-Face O-Ring	1" Male O-Ring Boss - Adjustable Rigid	13.34
00265008	FS6801-16-20-NWO-FG	1" Male Flat-Face O-Ring	1-1/4" Male O-Ring Boss - Adjustable Rigid	19.13
00265012	FS6801-20-16-NOW-FG	1-1/4" Male Flat-Face O-Ring	1" Male O-Ring Boss - Adjustable Rigid	18.02
00318476	FS6801-20-20-NOW-FG	1-1/4" Male Flat-Face O-Ring	1-1/4" Male O-Ring Boss - Adjustable Rigid	18.27
00265017	FS6801-20-24-NWO-FG	1-1/4" Male Flat-Face O-Ring	1-1/2" Male O-Ring Boss - Adjustable Rigid	49.02
00265022	FS6801-24-20-NWO-FG	1-1/2" Male Flat-Face O-Ring	1-1/4" Male O-Ring Boss - Adjustable Rigid	102.63
00265027	FS6801-24-24-NWO-FG	1-1/2" Male Flat-Face O-Ring	1-1/2" Male O-Ring Boss - Adjustable Rigid	24.81

SHIPPING & HANDLING CHARGES APPLY

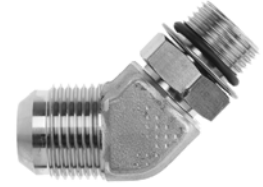
See page 2 for your local phone number



45° Elbow Adapter

Series FS6802-NWO-FG MFS - MAORB Adjustable 45° Elbow

- Hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product
- Forged one-piece construction
- Built to withstand heavy impulse and vibration in both vacuum and pressure systems
- Interchangeable and easy to install, requiring no special tools
- Refer to page 317 for pressure ratings



Item #	Mfr Part #	One End Thread Size	Other End Thread Size	Price
00310820	FS6802-04-04-NWO-FG	1/4" Male Flat-Face O-Ring	1/4" Male O-Ring Boss - Adjustable Rigid	\$3.20
00265032	FS6802-04-06-NWO-FG	1/4" Male Flat-Face O-Ring	3/8" Male O-Ring Boss - Adjustable Rigid	4.06
00265037	FS6802-06-04-NWO-FG	3/8" Male Flat-Face O-Ring	1/4" Male O-Ring Boss - Adjustable Rigid	4.77
00361186	FS6802-06-06-NWO-FG	3/8" Male Flat-Face O-Ring	3/8" Male O-Ring Boss - Adjustable Rigid	4.19
00265042	FS6802-06-08-NWO-FG	3/8" Male Flat-Face O-Ring	1/2" Male O-Ring Boss - Adjustable Rigid	5.21
03518448	FS6802-06-10-NWO-FG	3/8" Male Flat-Face O-Ring	5/8" Male O-Ring Boss - Adjustable Rigid	7.34
00265047	FS6802-08-06-NWO-FG	1/2" Male Flat-Face O-Ring	3/8" Male O-Ring Boss - Adjustable Rigid	4.55
00361192	FS6802-08-08-NWO-FG	1/2" Male Flat-Face O-Ring	1/2" Male O-Ring Boss - Adjustable Rigid	4.67
00318439	FS6802-08-10-NWO-FG	1/2" Male Flat-Face O-Ring	5/8" Male O-Ring Boss - Adjustable Rigid	6.99
00265051	FS6802-10-08-NWO-FG	5/8" Male Flat-Face O-Ring	1/2" Male O-Ring Boss - Adjustable Rigid	7.42
00310823	FS6802-10-10-NWO-FG	5/8" Male Flat-Face O-Ring	5/8" Male O-Ring Boss - Adjustable Rigid	6.71
00265055	FS6802-10-12-NWO-FG	5/8" Male Flat-Face O-Ring	3/4" Male O-Ring Boss - Adjustable Rigid	10.01
00265059	FS6802-12-10-NWO-FG	3/4" Male Flat-Face O-Ring	5/8" Male O-Ring Boss - Adjustable Rigid	9.78
00361198	FS6802-12-12-NWO-FG	3/4" Male Flat-Face O-Ring	3/4" Male O-Ring Boss - Adjustable Rigid	8.82
00265063	FS6802-12-16-NWO-FG	3/4" Male Flat-Face O-Ring	1" Male O-Ring Boss - Adjustable Rigid	13.99
00265067	FS6802-16-12-NWO-FG	1" Male Flat-Face O-Ring	3/4" Male O-Ring Boss - Adjustable Rigid	12.43
00361202	FS6802-16-16-NWO-FG	1" Male Flat-Face O-Ring	1" Male O-Ring Boss - Adjustable Rigid	14.39
00265071	FS6802-16-20-NWO-FG	1" Male Flat-Face O-Ring	1-1/4" Male O-Ring Boss - Adjustable Rigid	24.98
03518358	FS6802-20-16-NWO-FG	1-1/4" Male Flat-Face O-Ring	1" Male O-Ring Boss - Adjustable Rigid	46.33
00265075	FS6802-20-20-NWO-FG	1-1/4" Male Flat-Face O-Ring	1-1/4" Male O-Ring Boss - Adjustable Rigid	17.74
00265079	FS6802-24-24-NWO-FG	1-1/2" Male Flat-Face O-Ring	1-1/2" Male O-Ring Boss - Adjustable Rigid	92.38



Hydraulic - Two-Way Shut-off Plug FHK Series



- Both socket and plug are sealed at disconnect
- Standard industrial interchange design, most widely used in industry
- Within each series, only sockets and plugs of the same size will couple together
- Conforms with ISO 7241-1, Series B
- Socket sleeve must be manually retracted to connect and disconnect
- Buna-N seals
- Female pipe threads



Item #	Mfr Part #	Material	Thread Size or Inside Diameter of Hose	Working Pressure (PSI)	Body Size	Price
00285590	K1S	Steel	1/8"	4,000	1/8"	\$5.64
00285585	K1B	Brass	1/8"	3,000	1/8"	5.40
00285594	K1S/S	Stainless Steel	1/8"	3,500	1/8"	16.21
00285607	K2S	Steel	1/4"	4,000	1/4"	7.40
00285600	K2B	Brass	1/4"	2,700	1/4"	7.28
02944085	K2S/S	Stainless Steel	1/4"	3,500	1/4"	16.21
00285631	K3S	Steel	3/8"	3,500	3/8"	10.57
00285623	K3B	Brass	3/8"	2,200	3/8"	10.10
02944086	K3S/S	Stainless Steel	3/8"	3,700	3/8"	26.54
00285655	K4S	Steel	1/2"	2,500	1/2"	13.15
00285647	K4B	Brass	1/2"	2,200	1/2"	13.86
02944087	K4S/S	Stainless Steel	1/2"	4,200	1/2"	44.63
00285679	K6S	Steel	3/4"	1,600	3/4"	20.67
00285670	K6B	Brass	3/4"	1,500	3/4"	21.14
02944089	K6S/S	Stainless Steel	3/4"	1,600	3/4"	66.59
00286459	K8S	Steel	1"	2,000	1"	30.07
00286470	K8B	Brass	1"	1,500	1"	34.40
02944108	K8S/S	Stainless Steel	1"	2,000	1"	113.92



Hydraulic - Two-Way Shut-off Socket
FHK Series



- Both socket and plug are sealed at disconnect
- Standard industrial interchange design, most widely used in industry
- Within each series, only sockets and plugs of the same size will couple together
- Conforms with ISO 7241-1, Series B
- Socket sleeve must be manually retracted to connect and disconnect
- Buna-N seals
- Female pipe threads



Item #	Mfr Part #	Material	Thread Size or Inside Diameter of Hose	Working Pressure (PSI)	Body Size	Price
00285461	H1S	Steel	1/8"	4,000	1/8"	\$14.80
00285456	H1B	Brass	1/8"	3,000	1/8"	11.74
00285466	H1S/S	Stainless Steel	1/8"	3,500	1/8"	43.22
00285482	H2S	Steel	1/4"	4,000	1/4"	15.97
00285474	H2B	Brass	1/4"	2,700	1/4"	14.80
02944080	H2S/S	Stainless Steel	1/4"	3,700	1/4"	44.27
00285507	H3S	Steel	3/8"	3,500	3/8"	25.25
00285499	H3B	Brass	3/8"	2,200	3/8"	21.14
02944081	H3S/S	Stainless Steel	3/8"	3,700	3/8"	58.72
00285532	H4S	Steel	1/2"	2,500	1/2"	30.77
00285524	H4B	Brass	1/2"	2,200	1/2"	33.35
02944082	H4S/S	Stainless Steel	1/2"	4,200	1/2"	97.48
00285556	H6S	Steel	3/4"	1,600	3/4"	55.20
00285548	H6B	Brass	3/4"	1,500	3/4"	58.72
02944083	H6S/S	Stainless Steel	3/4"	1,600	3/4"	160.31
00286479	H8S	Steel	1"	2,000	1"	67.18
00286490	H8B	Brass	1"	1,500	1"	88.55
02944107	H8S/S	Stainless Steel	1"	2,000	1"	237.23

Hydraulic - Dust Cap & Plug
FHK Series



- Dust Cap and Dust Plugs for FHK Series Quick Disconnect Couplers
- Material of construction: Rubber
- Color: Blue



Item #	Mfr Part #	Type	Body Size	Price
02943085	B2DC	Dust Cap	1/4"	\$3.76
02943084	B2DP	Dust Plug	1/4"	3.99
02944133	B3DC	Dust Cap	3/8"	4.23
02943083	B3DP	Dust Plug	3/8"	4.46
02944125	B4DC	Dust Cap	1/2"	4.70
02944128	B4DP	Dust Plug	1/2"	4.93
02944126	B6DC	Dust Cap	3/4"	8.46
02944130	B6DP	Dust Plug	3/4"	8.34
02944127	B8DC	Dust Cap	1"	9.87
02944131	B8DP	Dust Plug	1"	9.98



Hydraulic - Plug
HNV Series



- Connection system: pulling back the sleeve
- Disconnection system: pulling back the sleeve
- Shut-off system: poppet valve
- Connectability: without pressure
- Disconnection under pressure: not allowed
- Interchangeability: according to ISO 7241-1 Part B Standard



Item #	Mfr Part #	Material	Thread Size or Inside Diameter of Hose	Working Pressure (PSI)	Body Size	Price
00285599	HNV-14-NPT-M-5	Brass	1/4"	2,538	1/4"	\$8.39
00285606	HNV-14-NPT-M	Steel	1/4"	5,075	1/4"	8.17
00285622	HNV-38-NPT-M-5	Brass	3/8"	2,030	3/8"	10.80
00285630	HNV-38-NPT-M	Steel	3/8"	4,640	3/8"	11.09
00285646	HNV-12-NPT-M-5	Brass	1/2"	2,320	1/2"	15.15
00285654	HNV-12-NPT-M	Steel	1/2"	4,350	1/2"	12.40
00285669	HNV-34-NPT-M-5	Brass	3/4"	1,450	3/4"	24.73
00285678	HNV-34-NPT-M	Steel	3/4"	3,625	3/4"	20.58

Hydraulic - Plug
G945 Series



- Built-in poppet style valves
- Prevents fluid loss when disconnected
- Pull back sliding sleeve to connect plug and socket



Item #	Mfr Part #	Thread Size or Inside Diameter of Hose	Working Pressure (PSI)	Body Size	Price
00285608	4MQPI-4FP	1/4"	7,500	1/4"	\$9.90
00285632	6MQPI-6FP	3/8"	5,000	3/8"	15.25
00285656	8MQPI-8FP	1/2"	5,000	1/2"	16.41
00285680	12MQPI-12FP	3/4"	4,000	3/4"	29.58
00286460	16MQPI-16FP	1"	4,000	1"	35.82

Hydraulic - Socket
G945 Series



- Built-in poppet style valves
- Prevents fluid loss when disconnected
- Pull back sliding sleeve to connect plug and socket



Item #	Mfr Part #	Thread Size or Inside Diameter of Hose	Working Pressure (PSI)	Body Size	Price
00285483	4FQPI-4FP	1/4"	7,500	1/4"	\$22.25
00285508	6FQPI-6FP	3/8"	5,000	3/8"	32.81
00285533	8FQPI-8FP	1/2"	5,000	1/2"	37.35
00285557	12FQPI-12FP	3/4"	4,000	3/4"	63.62
00286480	16FQPI-16FP	1"	4,000	1"	88.55

SHIPPING & HANDLING CHARGES APPLY

See page 2 for your local phone number



**Hose Crimper
Gates PC707**

- All items are sold separately



Item #	Mfr Part #	Type	Price
01372564	74800043	Crimper (No Dies)	\$2,571.25
00778330	74810023	115V Pump Only	1,131.35
00775968	74820920	720 Die Set	246.84
01372566	74820939	739 Die Set	246.84
01465359	74800040	Swage Kit	514.25
02192843	74820747	Cord Assembly	72.00

**Hose Crimper
Portable Crimper T464**

- The T-460 is a completely portable hose assembly system
- Lightweight, hand pump powered, and complete with a self-supporting base, this crimping press features layback positioning up to a 45° angle
- Capacity: 3/16" I.D. 1 fiber braid through 1-3/8" I.D. 1 wire hose and 1-1/4" 2 wire hose
- Mounting: Free standing base
- Size: 15" high, 14" wide, 11-1/4" deep
- Weight: 62 lbs
- Includes one each of the following:
 - T-460 Portable Coll-O-Crimp Press, Hand Pump & Hose Assembly Kit, W-EQCR-TM008-E Instructions
 - T-400-2C 'U' Series Collet – 1/4"
 - T-400-3C 'U' Series Collet – 3/8"
 - T-400-4C 'U' Series Collet – 1/2"
 - T-400-10 Black Spacer Ring
 - T-400-62 Yellow Spacer Ring



Item #	Mfr Part #	Price
03385810	T-464	\$3,310.79