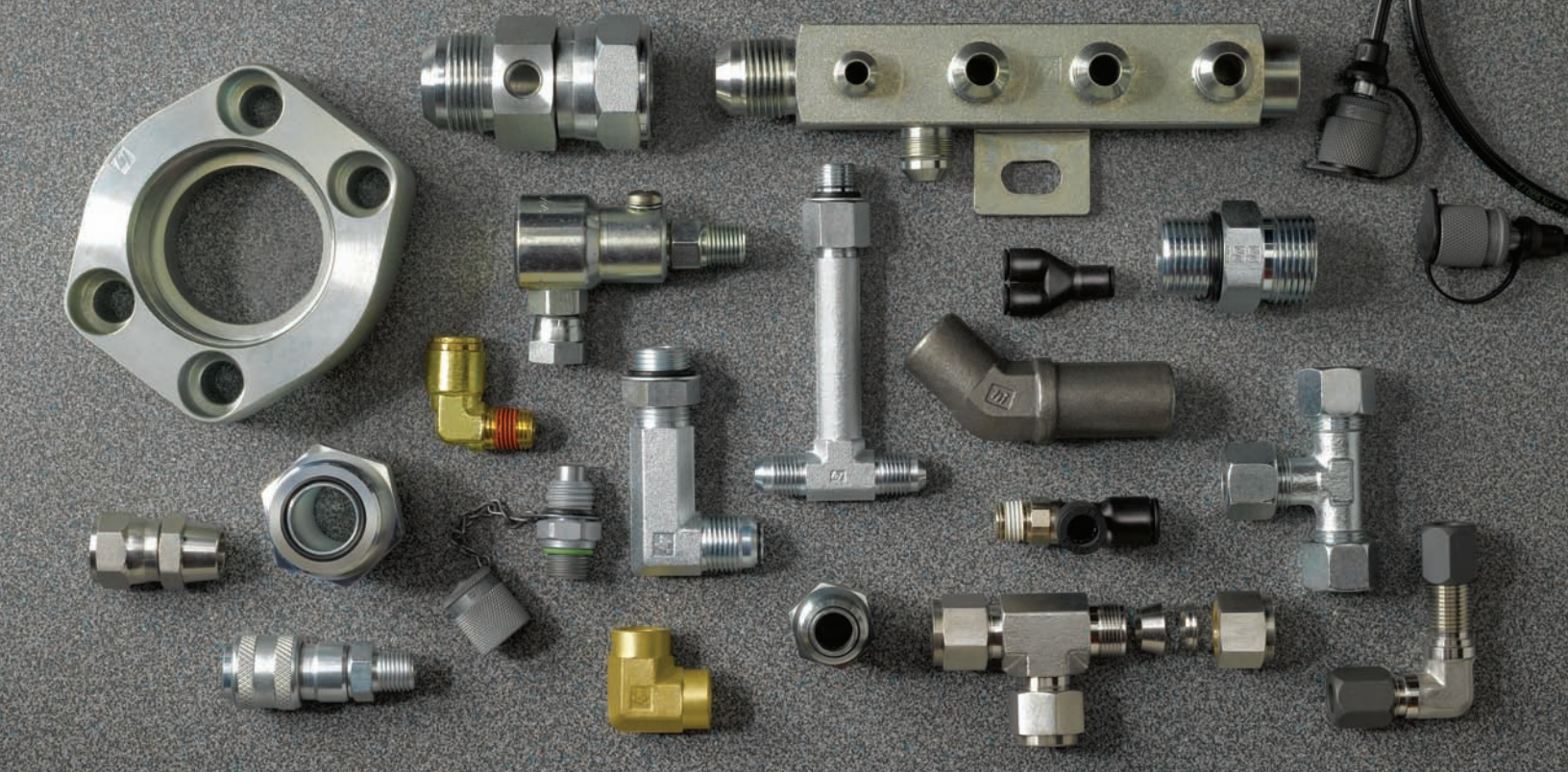
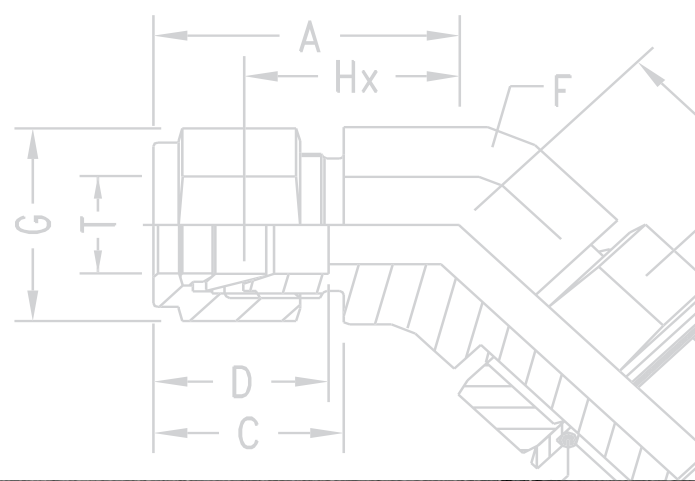




Quick Reference Product Guide

Industrial Pipe and Tube Fittings

**Standard and Metric Sizes
Brass, Steel and Stainless Steel**



Quick Guide Index

Parts Nomenclature / Glossary of Descriptions	3
O-Ring Face Seal Fittings.....	4-5
Tube Fittings & Adapters	5-8
Hydraulic Flanges / Accessories.....	9-10
Flareless Bite Type Fittings	10-11
Instrumentation.....	11-12
Conversion Adapters.....	12-13
Metric Bite Type.....	13-15
Test Points.....	15
Specials.....	15

Thread Charts • JIC – SAE • Metric/International

Dash Size	2	3	4	5	6	7	8	10	12	14	16	20	24	32	40	48
Tube O.D.	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1¼	1½	2	2½	3
Hose I.D.	1/8	3/16	1/4	5/16	3/8		1/2	5/8	3/4		1	1¼	1½	2	2½	3
JIC 37-Flare Thread	5/16 - 24	3/8 - 24	7/16 - 20	1/2 - 20	9/16 - 18		3/4 - 16	7/8 - 14	11/16 - 12	13/16 - 12	15/16 - 12	15/8 - 12	17/8 - 12	2½ - 12	3 - 12	3½ - 12
SAE O-Ring Thread	5/16 - 24	3/8 - 24	7/16 - 20	1/2 - 20	9/16 - 18		3/4 - 16	7/8 - 14	11/16 - 12	13/16 - 12	15/16 - 12	15/8 - 12	17/8 - 12	2½ - 12		
NPTF Pipe Thread	1/8 - 27		1/4 - 18		3/8 - 18		1/2 - 14		3/4 - 14		1 - 11½	1¼ - 11½	1½ - 11½	2 - 11½	2½ - 8	3 - 8
NPSM Swivel Thread	1/8 - 27		1/4 - 18		3/8 - 18		1/2 - 14		3/4 - 14		1 - 11½	1¼ - 11½	1½ - 11½	2 - 11½		
Flat Face Thread			9/16 - 18		11/16 - 16		13/16 - 16	1 - 14	13/18 - 12		17/16 - 12	111/16 - 12	2 - 12			
Code 61 Flange Head O.D.							1.19		1.50		1.75	2.00	2.38	2.81	3.31	4.00
Code 62 Flange Head O.D.							1.25		1.62		1.88	2.12	2.50	3.12		
British Thread BSPP/BSPT	1/8 - 28		1/4 - 19		3/8 - 19		1/2 - 14		3/4 - 14		1 - 11	1¼ - 11	1½ - 11			
Brake Thread			7/16 - 24		17/32 - 24		11/16 - 20	13/16 - 18	1 - 18							
SAE 45-Flare Thread	5/16 - 24	3/8 - 24	7/16 - 20	1/2 - 20	5/8 - 18	11/16 - 24	3/4 - 16	7/8 - 14	11/16 - 14							
Inverted Flare Thread	5/16 - 28	3/8 - 24	7/16 - 24	1/2 - 20	5/8 - 18	11/16 - 18	3/4 - 18	7/8 - 18	11/16 - 16							
Compression Thread	5/16 - 24	3/8 - 24	7/16 - 20	1/2 - 20	9/16 - 18	3/4 - 16	1-1 1/1 - 12	15/16 - 12	15/16 - 12	17/8 - 12	2½ - 12					
Metric Thread	10	12	14	16	18	20	22	24	26	27	30	33	36	42	48	
	M 10x1.0	M 12x1.5	M 14x1.5	M 16x1.5	M 18x1.5	M 20x1.5	M 22x1.5	M 24x1.5	M 26x1.5	M 27x2.0	M 30x2.0	M 33x2.0	M 36x2.0	M 42x2.0	M 48x2.0	

Parts Nomenclature

McGill Hose & Coupling hydraulic tube fitting and adapter part numbers are constructed from symbols that identify the series, size, material and type of product. When ordering part numbers, begin by listing the series followed by the size and the material suffix. Sizes are measured in sixteenths of an inch (example: 4/16 or 4). The standard product is produced in steel and requires no material suffix. If ordering stainless steel products, add the suffix SS, and if you are ordering brass products, add the suffix B. Standard steel shapes such as 90°, 45°, tees and crosses are produced as a forging as well as fitting components brazed together. If you require forged one-piece construction parts, order the part number with the FG suffix. All stainless steel and brass shapes are forged one-piece construction and therefore do not require the FG suffix. Metric Bite Type Fittings are called out by tube size (in millimeters) i.e. 20mm Tube (S20), while Metric Port Fittings are called out by Thread O.D. and Thread Pitch (in millimeters) i.e. 30x2.0 or 30x1.5. BSPP fittings, while different from U.S. threads are still measured fractionally and are therefore called out by sixteenths of an inch.

2501-08-08-SS

This is a 2501 Series with a 1/2" male JIC tube and a 1/2" male pipe thread. The part number also indicates that the product is made of stainless steel.

2501-12-08-FG

This is a 2501 Series with a 3/4" male JIC tube and a 1/2" male pipe thread. The part number also indicates that the product was produced as a forged one-piece construction, steel adapter.

2501-04-04-B

This is a 2501 Series with a 1/4" male JIC tube and a 1/4" male pipe thread. The part number also indicates that the product is made of brass.

Glossary of Descriptions

AORB: Adjustable O-ring Boss (NWO)

B: Brass

BHLN: Bulk Head Lock Nut

BSPP: British Standard Pipe Parallel (G Thread)

BSPPS: British Standard Pipe Parallel Swivel

BSPT: British Standard Pipe Taper (R Thread)

BT: Bite Type

BT: Bored Through Connector in
Double Ferrule Series

BTS: Bite Type Swivel

BULN: Back-up Lock Nut (NWO)

BW: Butt Weld

C: (before number) Bite Type

C: (after number) Cap

COR: Captive O-Ring (Style DIN 3852, Form E)

C HEX: Width Across the Wrench

D: Aluminum

DKO: 24° Sealing Cone (Female Swivel)
with O-Ring

E: Extra Light (Metric Fittings)

F: (before number) Flare-O

FBSPP: Female British Standard Pipe Parallel

FBSPT: Female British Standard Pipe Tapered

FBSPPS: Female British Standard
Pipe Parallel Swivel

FFS: Female Face Seal

FFSS: Female Face Seal Swivel

FG: Forged Flats of the Hex

FIF: Female Inverted Flare

FJ: Female J.I.C.

FJIS: Female J.I.S.

FJS: Female J.I.C. Swivel

FK: Female Komatsu

FMS: Female Metric Swivel

FO: Flare-O

FORB: Female O-ring Boss

FP: Female Pipe

FPS: Female Pipe Swivel

FS: Face Seal

FSAES: Female SAE Swivel, 45° Seat

H: Hollow Hex O-ring Plug

HB: Hose Barb

HP: Hollow Hex Pipe Plug

I.D.: Inside Dimension

JIC: Joint Industrial Council, 37° Flare

JIS: Japanese Industrial Standard, 30° Flare

L: Light (7005-04-L06-12)

L: Long (6400-L-20-20-O)

LGTH: Length

LH: Large Hex

LL: Extra Long Drop

LLL: Extra Extra Long

LLLL: Extra Extra Extra Long

MAORB: Male Adjustable O-ring Boss (NWO)

MBT: Metric Bite Type

MBSPP: Male British Standard Pipe Parallel

MBSPPADJ: Male British Standard Pipe
Parallel Adjustable

MBSPPAORB: Male British Standard Pipe
Parallel Adjustable O-ring Boss

MBSPT: Male British Standard Pipe Tapered

MFS: Male Face Seal

MIFS: Male Inverted Flare Swivel

MJ: Male J.I.C.

MJIS: Male J.I.S.

MKOM: Male Komatsu

M.M.: Millimeters

MM: Male Metric

MMADJ: Male Metric Adjustable

MMAORB: Male Metric Adjustable O-ring
Boss use with ISO 6149

MMORR: Male Metric O-Ring and
Retaining Ring

MORB: Male O-ring Boss

MP: Male Pipe

MS: Metric Swivel

N: Used as prefix for Instrumentation fittings
series (N2404-04-04-SS)

N: Extended Length (5404-N-02x0.750)

N: Locknut for NWO Assembly (0306-N-03)

NBR: Assembled with Nut and Bite Ring

NPSM: American (formerly National) Pipe
Straight Mechanical

NPTF: American (formerly National) Pipe
Taper Fuel

NWO: Nut Washer O-ring (MAORB)

O: O-Ring

O.D.: Outside Dimension

ORB: O-Ring Boss

PC DOT: SAE DOT Push-to-Connect Fittings
for Vehicle Applications

PCNY: Push-to-Connect Nylon Fittings

PCNB: Push-to-Connect Nickel-Plated
Brass Fittings

PL: Push Lock

PLATE MAX: Recommended Maximum Plate
Thickness After Assembling the
Bulkhead with the 306 Locknut,
318 Nut & 319 Sleeve

P: Plug

S: Heavy (7005-04-S06-14)

S: Steel

SAE: Society of Automotive Engineering

SHP: Square Head Plug

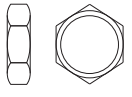
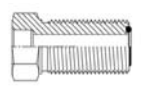
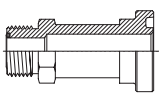
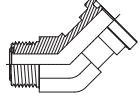
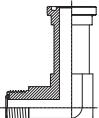
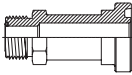
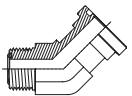
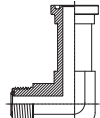
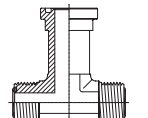
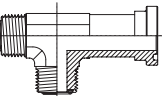
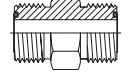
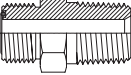
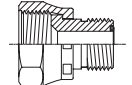
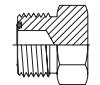
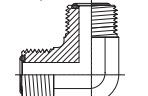
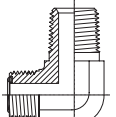
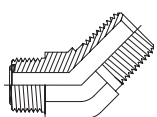
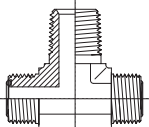
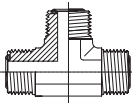
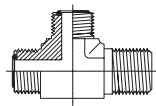
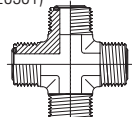
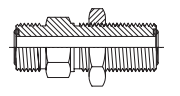
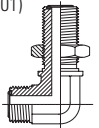
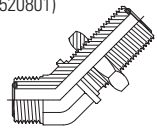
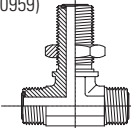
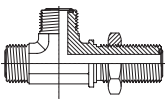
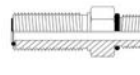
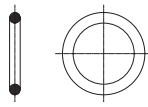
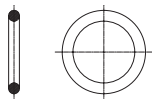
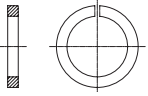
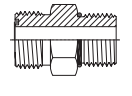
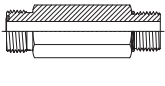
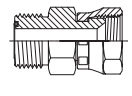
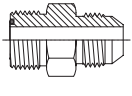
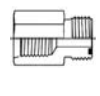
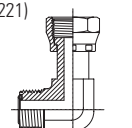
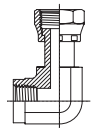
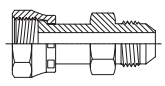
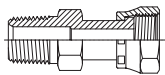
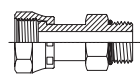
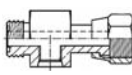
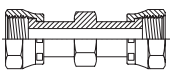
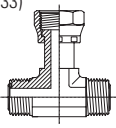
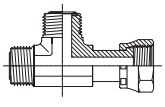
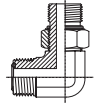
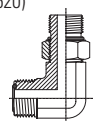
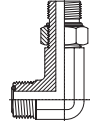
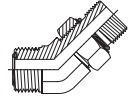
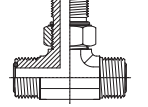
SS: Stainless Steel

TS: Tube Spud

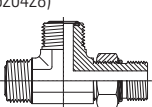
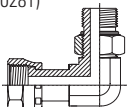
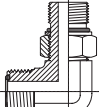
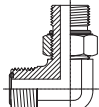
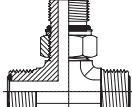
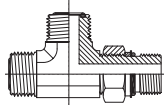
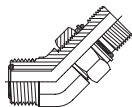
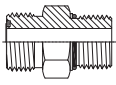
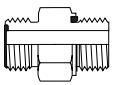
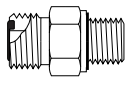
V: Versa Flare

Y FLATS: Width Across the Wrench Flats

O-Ring Face Seal Fittings

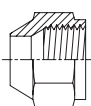
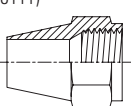
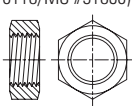
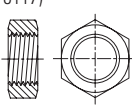
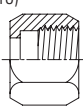
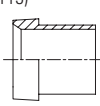
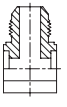
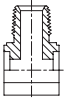
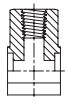
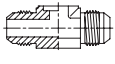
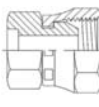
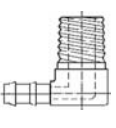
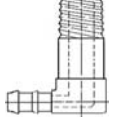
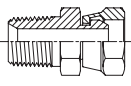
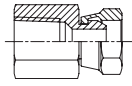
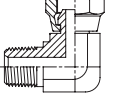
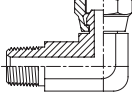
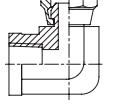
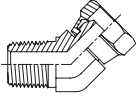
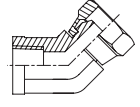
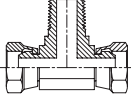
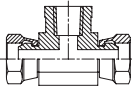
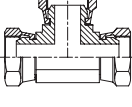
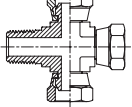
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(520118)  FS1700 MFS-Flange Straight Code 61	 FS1703 MFS-Flange 45° Code 61	 FS1704 MFS-Flange 90° Code 61	 FS1800 MFS-Flange Straight Code 62	 FS1803 MFS-Flange 45° Code 62	 FS1804 MFS-Flange 90° Code 62	 FS1805 MFS-MFS- Flange Tee Code 62
 FS1806 MFS-Flange Tee Code 62-MFS	(520101)  FS2403 MFS-MFS Straight	 FS2404 MFS-MP Straight	 FS2405 MFS-FP Straight	 FS2406 FFS-MFS Tube End Reducer	(520109)  FS2408 MFS Plug	(520201)  FS2500 MFS-MFS 90°
 FS2501 MFS-MP 90°	 FS2503 MFS-MP 45°	 FS2601 MFS-MFS-MP Tee	(520401)  FS2603 MFS-MFS-MFS Tee	 FS2605 MFS-MP-MFS Tee	(520501)  FS2650 MFS-MFS- MFS-MFS Cross	(520601)  FS2700* MFS-MFS- Bulkhead Union
(520701)  FS2701* MFS-MFS Bulkhead 90°	(520801)  FS2702* MFS-MFS Bulkhead 45°	(520959)  FS2703* MFS-MFS- MFS Bulkhead Tee	(520958)  FS2704* MFS-MFS- MFS Bulkhead Tee	 FS2764 FS Bulkhead- MORB Straight	(J515 Type CH)  FS4000 Buna O-Ring	 FS4001 Viton O-Ring
 FS6001 Silver Braze Ring	(520120)  FS6400-O MFS-MORB Straight	(520122)  FS6400-L-O MFS- MORB Straight Long	 FS6402 MFS-FJS Straight	 FS6403 MFS-MJ Straight	 FS6410 FORB-MFS	(520221)  FS6500 MFS-FFSS 90°
 FS6502 MFS-FFSS 45°	 FS6503 FP-FFSS 90°	(521520)  FS6504 FFSS-MJ Straight	 FS6505 MP-FFSS Straight	(521520)  FS6540 FFSS-MORB Straight	 FS6564 MFS FFSS-FORB Tee	 FS6565 FFSS-FFSS -Straight
(520433)  FS6600 MFS-MFS- FFSS Branch Tee	(520432)  FS6602 MFS-FFSS- MFS Run Tee	(520220)  FS6801-NWO MFS-MAORB 90°	(521520)  FS6801-L-NWO MFS- MAORB 90° Long	 FS6801-LL-NWO MFS- MAORB 90° X-Long	(520320)  FS6802-NWO MFS-MAORB 45°	(520429)  FS6803-NWO MFS-MFS-MAORB Tee

O-Ring Face Seal Fittings *continued*

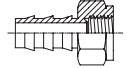
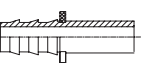
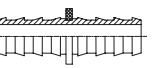
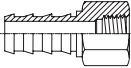
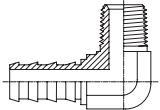
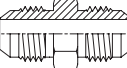
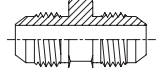
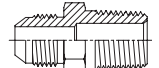
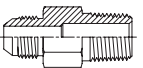
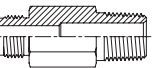
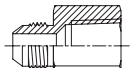
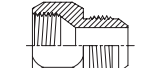
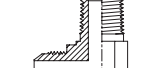
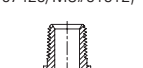
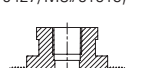
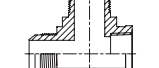
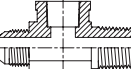
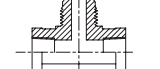
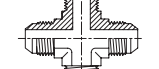
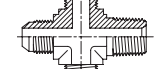
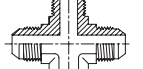
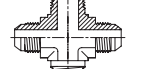
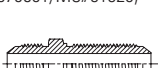
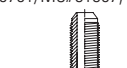
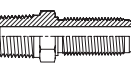
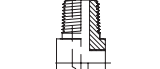
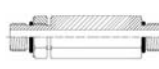
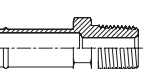
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 FS7640-0 MFS-MMORB ISO 614	 FS7701 MFS-MM STRAIGHT WITH CAPTIVE SEAL	 FS7709 MFS-MBSPP STRAIGHT WITH CAPTIVE SEAL				

* Insert "LN" in part number to include lock nut when ordering bulkhead fittings. Example: FS2700-LN-04-04.

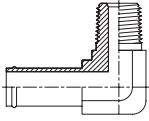
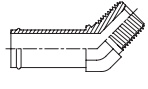
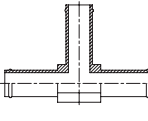
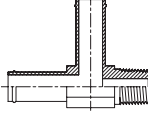
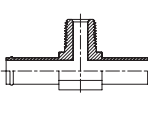
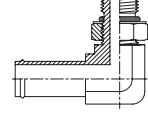
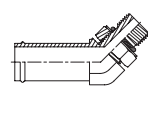
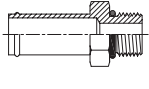
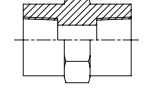
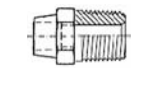
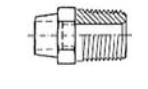
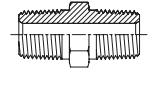
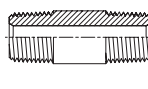
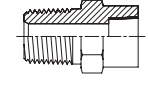
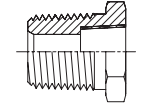
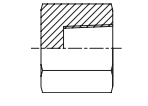
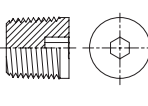
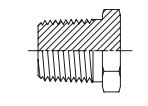
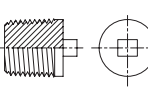
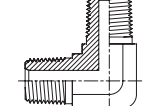
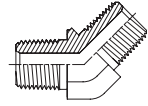
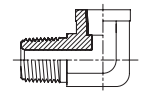
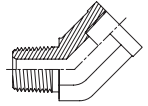
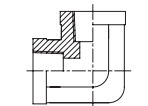
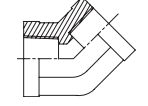
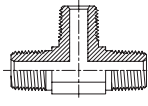
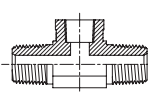
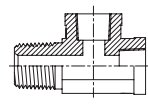
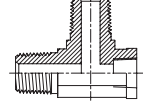
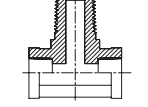
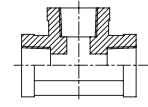
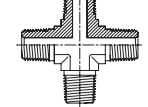
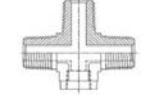
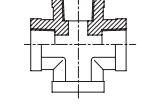
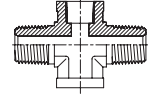
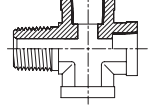
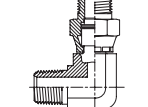
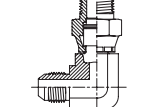
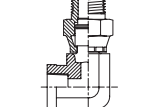
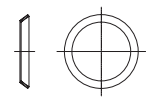
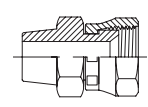
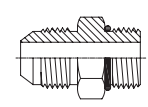
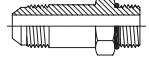
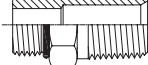
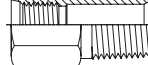
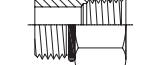
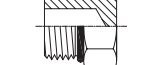
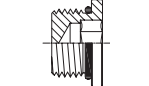
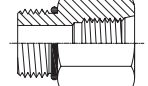
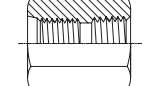
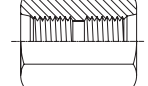
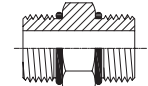
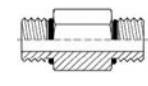
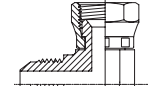
Tube Fittings & Adapters

 0302 Short Nut	(070111)  0304 Standard Nut	(070112)  0304-C JIC Cap Nut	(070118/MS #51860)  0306 BHLN	(070117)  0306-N BULN	(070110)  0318 JIC Tube Nut	(070115)  0319 JIC Tube Sleeve
 0403 Bore-MJ Straight	 0403-TS MJ Tube Spud	 0404 Bore-MP Straight	 0405 Bore-FP Straight	 0406 Bore-MJ Bulkhead Straight	 0500 Bore-MJ 90°	 0501 Bore-MP 90°
 0600 Bore-Bore-MJ Tee	 0601 Bore-Bore-MP Tee	 0602 Bore-Bore-FP	 0702 Bore-MJ-MJ Tee	 0800 Bore-FPS Straight	 0801 Bore-FPS 90°	 0900 Bore-FJS Straight
 0954 HB-MP 90° Elbow	 0954-L HB-MP 90° Elbow Long	(140130)  1404 MP-FPS Straight	(140131)  1405 FP-FPS Straight	(140230)  1501 MP-FPS 90°	 1501-L MP-FPS 90° Long	(140231)  1502 FP-FPS 90°
(140330)  1503 MP-FPS 45°	(140331)  1504 FP-FPS 45°	 1601 MP-FPS-FPS Tee	 1602 FP-FPS-FPS Tee	 1603 FPS-FPS-FPS Tee	 1604 MP-FPS-FPS-FPS Cross	(PL = Push Lock) Brass  2111 PL-FJS Straight

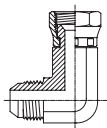
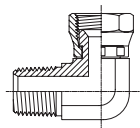
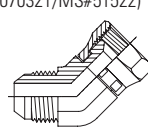
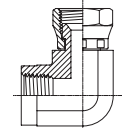
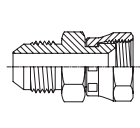
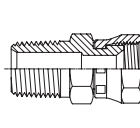
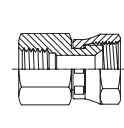
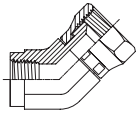
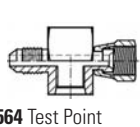
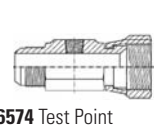
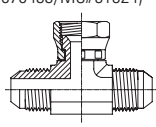
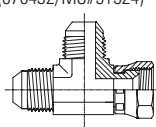
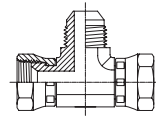
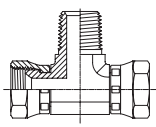
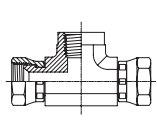
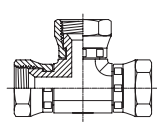
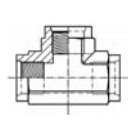
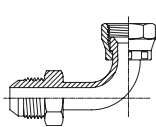
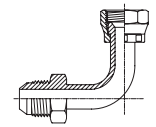
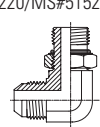
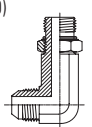
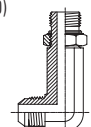
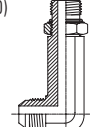
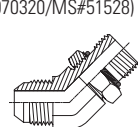
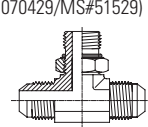
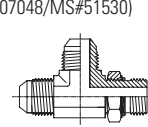
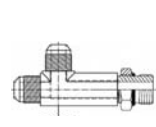
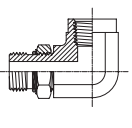
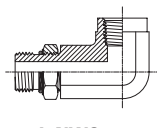
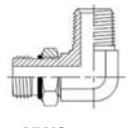
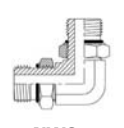
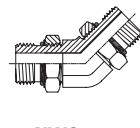
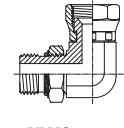
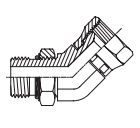
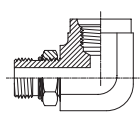
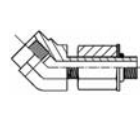
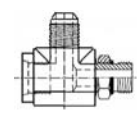
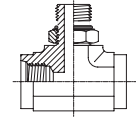
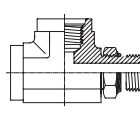
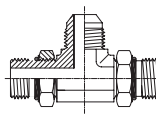
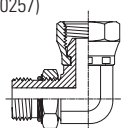
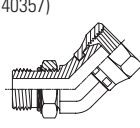
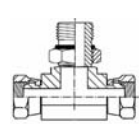
Tube Fittings & Adapters *continued*

 2112 PL-FSAES Straight	 2113 PL-MP Straight	 2114 PL-FIF Straight	 2115 PL-MIFS Straight	 2116 PL-MSAE Straight	 2117 PL-Stem Straight	 2118 PL-PL Straight
 2119 PL-FP Straight	 2120 PL-MP 90° Elbow	 2403 MJ-MJ Straight	 2403-LH MJ-MJ Straight Large Hex	 2404 MJ-MP Straight	 2404-L MJ-MP Straight Long	 2404-LL MJ-MP Straight X-Long
 2405 MJ-FP Straight	 2406 FJ-MJ Straight Reducer	 2408 MJ Plug	 2500 MJ-MJ 90°	 2501 MJ-MP 90°	 2501-L MJ-MP 90° Long	 2501-LL MJ-MP 90° X-Long
 2501-LLL MJ-MP 90° XX-Long	 2502 MJ-FP 90°	 2503 MJ-MP 45°	 2504 MJ-MJ 45°	 2505 MJ-FP 45°	 2601 MJ-MJ-MP Tee	 2602 MJ-MJ-FP Tee
 2603 MJ-MJ-MJ Tee	 2605 MJ-MP-MJ Tee	 2606 MJ-FP-MJ Tee	 2607 MJ-MP-MP Tee	 2608 MJ-FP-MP Tee	 2609 MJ-FP-FP Tee	 2610 MP-MP-MJ Tee
 2611 MJ-MP-FP Tee	 2612 FP-FP-MJ Tee	 2613 MP-FP-MJ Tee	 2650 MJ-MJ-MJ-MJ Cross	 2651 MJ-MP-MJ-MJ Cross	 2652 MJ-MJ-MJ-FP Cross	 2653 MJ-MJ-MP-MP Cross
 2654 MJ-MP-MJ-MP Cross	 2700 MJ-MJ Bulkhead Straight	 2701 MJ-MJ Bulkhead 90°	 2702 MJ-MJ Bulkhead 45°	 2703 MJ-MJ-MJ Bulkhead Branch Tee	 2704 MJ-MJ-MJ Bulkhead Run Tee	 2705 FP-MJ Bulkhead Straight
 2706 MP-MJ Bulkhead Straight	 3051 MP-FP Low Profile 90°	 3474-NWO MAORB-ORB Straight	 3474-LLL-NWO MAORB-MORB XLNG	 4000 Buna O-Ring	 4001 Viton O-Ring	 4404 HB-MP Straight

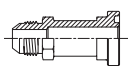
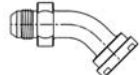
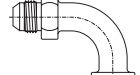
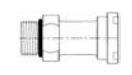
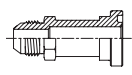
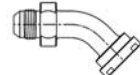
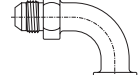
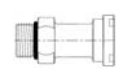
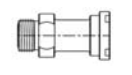
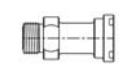
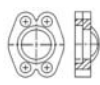
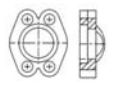
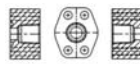
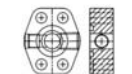
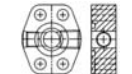
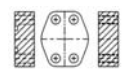
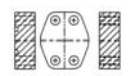
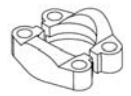
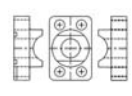
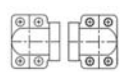
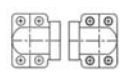
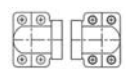
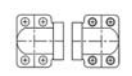
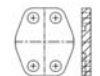
Tube Fittings & Adapters *continued*

(431460)  4501 HB-MP 90°	(430360)  4503 HB-MP 45°	 4504 HB-HB-HB Tee	 4505 HB-MP-HB Tee	 4506 HB-HB-MP Tee	(431492)  4601-NW0 HB-MAORB 90°	(430392)  4603-NW0 HB-MAORB 45°
(430192)  4604-0 HB-MORB Straight	(140138)  5000 FP-FP Straight	 5304 MP-BW Weld-On Fitting 304 Stainless	 5316 MP-BW Weld-On Fitting 316 Stainless	(140137)  5404 MP-MP Hex Nipple	 5404-N MP-MP Straight Nipple Long	(140139)  5405 MP-FP Straight Expander
(140140)  5406 MP-FP Reducer Bushing	 5406-C Pipe Cap	 5406-HP Hollow Hex Pipe Plug	(130109E)  5406-P External Hex Pipe Plug	(130109A)  5406-SHP Square Head Pipe Plug	(140237)  5500 MP-MP 90° Elbow	 5501 MP-MP 45°
(140239)  5502 MP-FP 90° Street Elbow	(140339)  5503 MP-FP 45° Street Elbow	(140238)  5504 FP-FP 90° Elbow	(140338)  5505 FP-FP 45° Elbow	(140437)  5600 MP-MP-MP Tee	(140427)  5601 MP-MP-FP Tee	(140424)  5602 MP-FP-FP Street Tee
(140426)  5603 MP-FP-MP Tee	(140425)  5604 FP-FP-MP Branch Tee	(140438)  5605 FP-FP-FP Tee	(140537)  5650 MP-MP-MP-MP Cross	 5651 MP-MP-MP-FP Cross	(140538)  5652 FP-FP-FP-FP Cross	 5653 MP-FP-FP-FP Cross
 5655 MP-FP-FP-FP Cross	 5700 MP-MPS 90°	 5701 MJ-MPS 90°	 5702 FP-MPS 90°	 6000 Back-Up Washer	 6316 FJS-Weld Straight	(070120/MS#51525)  6400-0 MJ-MORB Straight
(071720/MS#51526)  6400-L-0 MJ-MORB Straight Long	 6400-LL-0 MJ-MB-XX Long Hex	 6401-0 MORB-MP Straight	 6402-0 MORB-FJS Straight	 6404 FORB-MP Straight	 6405-0 MORB-FP Straight	(090109A)  6408-0 MORB External Hex Plug
(090109B)  6408-H-0 MORB Hollow Hex Plug	 6410-0 MORB-FORB Straight Reducer	 6420 FORB-FP Straight	 6425 FORB-FORB Straight	 6464-0 MORB-MORB Straight	 6464-L-0 MORB- MORB Long Straight	(070221)  6500 MJ-FJS 90°

Tube Fittings & Adapters *continued*

 6500-L MJ-FJS 90° Long	 6501 MP-FJS 90°	(070321/MS#51522)  6502 MJ-FJS 45°	 6503 FP-FJS 90°	 6504 MJ-FJS Straight	 6505 MP-FJS Straight	 6506 FP-FJS Straight
 6507 FP-FJS 45°	 6564 Test Point MJ-FJS Straight w/04 FORB In HEX	 6565 FJS-FJS Straight	 6574 Test Point MJ-FJS Straight w/04 FP In HEX	(070433/MS#51524)  6600 MJ-MJ-FJS Tee	(070432/MS#51524)  6602 MJ-FJS-MJ Tee	 6603 FJS-FJS-MJ Tee
 6604 FJS-FJS-MP Tee	 6605 FJS-FJS-FP Tee	 6606 FJS-FJS-FJS Tee	 6660 FORB-FORB-FORB Tee	 6701 MJ-FJS Swept 90°	 6701-L MJ-FJS Swept 90° Long	(070220/MS#51527)  6801-NWO MJ-MAORB 90°
(071520)  6801-L-NWO MJ-MAORB 90° Long	(071620)  6801-LL-NWO MJ-MAORB 90° X-Long	(072120)  6801-LLL-NWO MJ-MAORB 90° XX-Long	(070320/MS#51528)  6802-NWO MJ-MAORB 45°	(070429/MS#51529)  6803-NWO MJ-MJ- MAORB Branch Tee	(07048/MS#51530)  6804-NWO MJ-MAORB-MJ Run Tee	 6804-L-NWO MJ- MAORB-MJ Long Tee
 6805-NWO MAORB-FP 90°	 6805-L-NWO MAORB-FP 90° Long	 6806-NWO MAORB-MP 90°	 6807-NWO MAORB-MAORB 90°	 6807-LL-NWO MAORB-MAORB 90° X-Long	 6808-NWO MAORB-MAORB 45°	 6809-NWO MAORB-FJS 90°
 6810-NWO MAORB-FJS 45°	 6815-NWO MAORB-FORB 90°	 6818-NWO FORB-MAORB 45°	 6820-NWO FORB-MAORB-MJ Tee	 6832-NWO FORB- FORB-MAORB Tee	 6835-NWO MAORB FORB-FORB Tee	 6840-NWO MAORB- MAORB-MJ Tee
 6850-NWO MJ-MJ- MAORB-MJ Cross	(140157)  6900-O MORB-FPS Straight	(140257)  6901-NWO MAORB-FPS 90°	(140357)  6902-NWO MAORB-FPS 45°	 6911-NWO FPS-FPS-MAORB Tee	 V0318 JIC-Flareless Nut	 V0319 JIC-Flareless Sleeve

Hydraulic Flanges / Accessories

 1700 MJ-Flange Straight Code 61	 1703 MJ-Flange 45° Code 61	 1704 MJ-Flange 90° Code 61	 1710 MB-Flange Straight Code 61	 1800 MJ-Flange Straight Code 62	 1803 MJ-Flange 45° Code 62	 1804 MJ-Flange 90° Code 62
 1810 MB-Flange Straight Code 62	 1703FG MJ-Flange 45° Code 61	 1704FG MJ-Flange 90° Code 61	 1724 Flange Plug Code 61	 1803FG MJ-Flange 45° Code 62	 1804FG MJ-Flange 90° Code 62	 1824 Flange Plug Code 62
 FS1700 MFS-Flange Straight Code 61	 FS1703FG MFS-Flange 45° Code 61	 FS1704FG MFS-Flange 90° Code 61	 FS1800 MFS-Flange Straight Code 62	 FS1803FG MFS-Flange 45° Code 62	 FS1804FG MFS-Flange 90° Code 62	 1900-61 Hex Head Mounting Kit
 1900-62 Hex Head Mounting Kit	 1900-M Hex Head Mounting Kit Metric	 1901 Split Flange Kit Code 61	 1901-M Split-Flange Kit Code 61 (Metric Bolt Holes)	 1902 Split Flange Kit Code 62	 1902-M Split-Flange Kit Code 62 (Metric Bolt Holes)	 1903/1904-61 Captive Flange
 1903/1904-62 Captive Flange	 1914-61 Connector Plate	 1914-62 Connector Plate	 1927/1928-61 NPTF Port Block	 1927/1928-62 NPTF Port Block	 1929/1930-61 SAE Port Block	 1929/1930-62 SAE Port Block
 1933/1934 Flat Socket Block - Pipe 500 psi	 1935/1936-61 Flat Socket Block - Pipe	 1935/1936-62 Flat Socket Block - Pipe	 1937/1938-61 Flat Socket Block - Tube	 1937/1938-62 Flat Socket Block - Tube	 1940-61 Gauge Port Spacer	 1940-62 Gauge Port Spacer
 1942/1943-61 Plug Block	 1942/1943-62 Plug Block	 1951-61 Split Flange	 1951-H Flange Half	 1952-62 Split Flange	 1952-H Flange Half	 1959-P Saddle Connector
 1965-61 SAE Elbow	 1965-62 SAE Elbow	 1967-61 NPTF Elbow	 1967-62 NPTF Elbow	 1979-61 Shipping Plate	 1979-62 Shipping Plate	 1990-61 Socket Head Mounting Kit

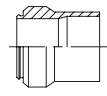
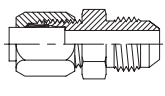
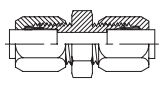
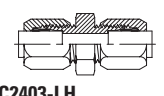
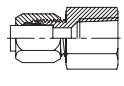
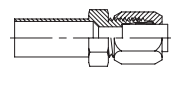
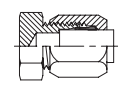
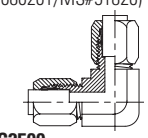
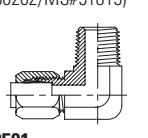
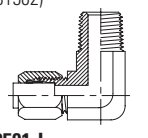
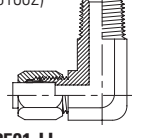
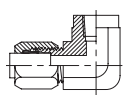
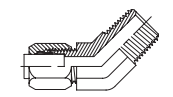
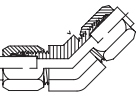
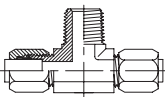
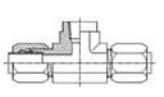
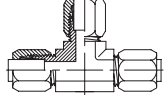
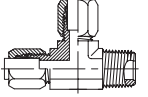
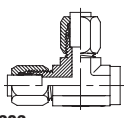
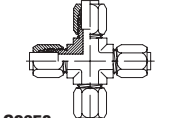
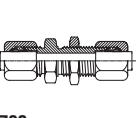
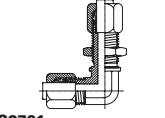
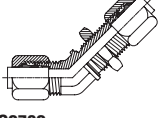
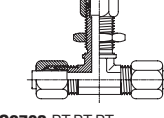
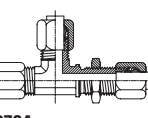
Hydraulic Flanges / Accessories *continued*

 1990-62 Socket Head Mounting Kit	 1990-M Socket Head Mounting Kit Metric	 3300/3301-61 Tube Braze Flange Head Connector	 3300/3301-62 Tube Braze Flange Head Connector	 4005 Flange O-Ring		
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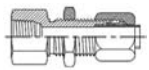
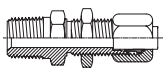
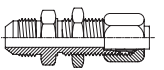
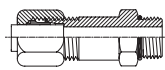
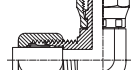
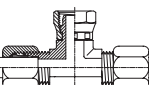
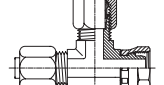
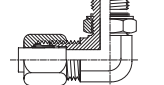
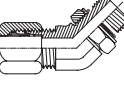
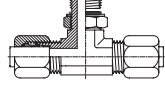
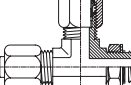
Additional Available Products

1910, Codes 61 & 62 Tube Weld Socket Flange Connector
1911, Codes 61 & 62 Pipe Weld Socket Flange Connector
1912-O, Code 61 SAE Flange Connector
1912-P, Code 61 NPTF Flange Connector
1915, 1917 & 1919, Codes 61 & 62 Butt Weld Connector-Various Pipe Schedules

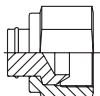
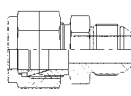
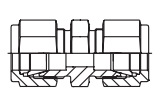
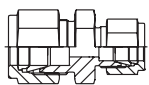
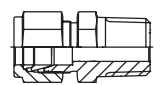
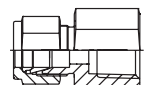
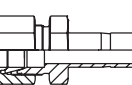
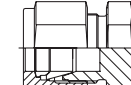
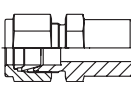
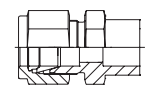
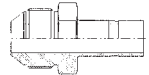
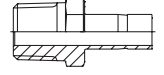
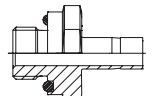
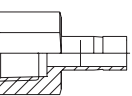
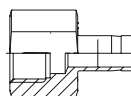
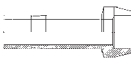
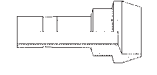
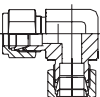
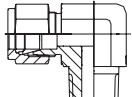
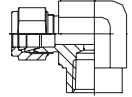
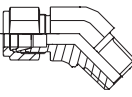
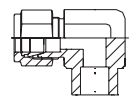
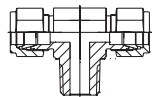
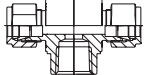
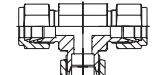
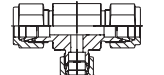
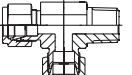
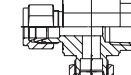
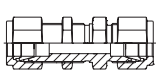
Flareless Bite Type Fittings

(080112/MS#51590)  C0304-C Cap Nut	(080110/MS#51823)  C0318 Nut	(080115A/MS#51825A)  C0319 Ferrule	(080101/MS#51814)  C2402 BT-MJ Straight	(080119/MS#51856)  C2403 BT-BT Tube Union Straight	(080102/MS#51819)  C2403-LH BT-BT Tube Union Large Hex Straight C2404 BT-MP Adapter Straight	
(080103)  C2405 BT-FP Adapter Straight	(080109)  C2406 Tube-BT Reducer	(080201/MS#51820)  C2408 Plug	(080202/MS#51815)  C2500 BT-BT Elbow 90°	(081502)  C2501 BT-MP Elbow 90°	(081602)  C2501-L BT-MP Elbow 90° Long	(081602)  C2501-LL BT-MP Elbow 90° X-Long
(080203/MS#51813)  C2502 BT-FP Elbow 90°	(080302/MS#51817)  C2503 BT-MP Elbow 45°	(080425/MS#51815)  C2504 BT-BT Elbow 45°	(080427/MS#51821)  C2601 BT-BT-MP Tee	(080401/MS#51811)  C2602 BT-BT-FP Tee	(080424/MS#51824)  C2603 BT-BT-BT Tee	(080424/MS#51824)  C2605 BT-MP-BT Tee
(080426/MS#51822)  C2606 BT-FP-BT Tee	(080501/MS#51894)  C2650 BT-BT-BT-BT Cross	(080701/MS#51855)  C2700 BT-BT Bulkhead Union	(08081)  C2701 BT-BT Bulkhead Union 90°	(080959)  C2702 BT-BT Bulkhead Union 45°	(080958)  C2703 BT-BT-BT Bulkhead Branch Tee	(080958)  C2704 BT-BT-BT Bulkhead Tee

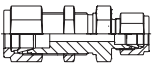
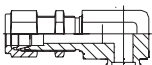
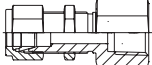
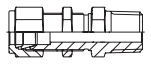
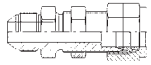
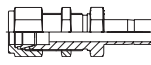
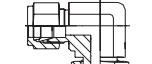
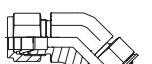
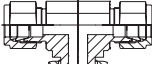
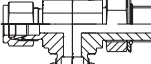
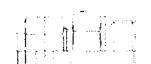
Flareless Bite Type Fittings *continued*

						
C2705 FP-BT Bulkhead (080433/MS#51853)	C2706 MP-BT Bulkhead (0808432/MS#51854)	C2707 MJ-BT Bulkhead (080220/MS#51839)	(080120/MS#51843) C6400-O BT-MORB Straight (080320/MS#51842)	(080122) C6400-L-O BT-MORB Long Straight (080429/MS#51841)	(080221/MS#51852) C6500 BT-BTS 90° Elbow (080428/MS#51892)	(080321) C6502 BT-BTS 45° Elbow
						
C6600 BT-BT-BTS Tee	C6602 BT-BTS-BT Tee	C6801-NWO BT-MAORB 90°	C6802-NWO BT-MAORB 45°	C6803-NWO BT-BT-MAORB Tee	C6804-NWO BT-MAORB-BT Tee	

Instrumentation

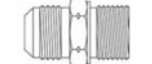
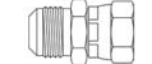
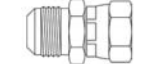
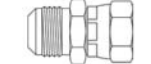
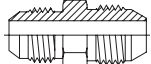
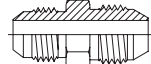
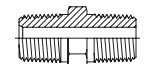
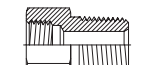
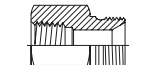
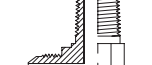
						
N0304 Plug	N0318 Nut	N0319-B Back Ferrule	N0319-F Front Ferrule	N0319-S Ferrule Set	N2402 Male JIC Connector	N2403 Union
						
N2403 Reducing Union	N2404 Male Connector*	N2405 Female Connector	N2406 Reducer	N2408 Cap	N2425 Butt Weld Male Connector	N2426 Socket Weld Male Connector
						
N2427 Male JIC Adapter	N2428 Male Adapter	N2429 O-Seal Male Adapter	N2430 Female Adapter	N2431 Female Gauge Adapter	N2440 Port Connector	N2440 Reducing Port Connector
						
N2500 Union Elbow	N2501 Male Elbow	N2502 Female Elbow	N2503 45° Male Elbow	N2525 Butt Weld Male Elbow	N2526 Socket Weld Male Elbow	N2601 Male Branch Tee
						
N2602 Female Branch Tee	N2603 Union Tee	N2603 Reducing Union Tee	N2605 Male Run Tee	N2606 Female Run Tee	N2650 Cross	N2700-LN Bulkhead Union

Instrumentation *continued*

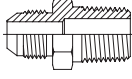
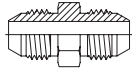
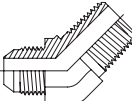
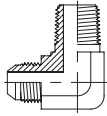
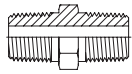
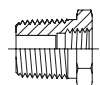
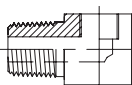
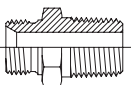
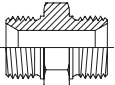
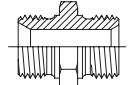
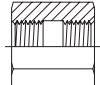
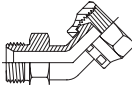
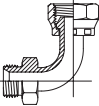
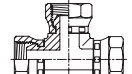
						
N2700-LN Bulkhead Reducing Union	N2701-LN Bulkhead Union Elbow	N2705-LN Bulkhead Female Connector	N2706-LN Bulkhead Male Connector	N2707-LN Bulkhead Male JIC	N2709-LN Bulkhead Reducer	N6400 O Seal Male Connector
						
N6801 90° Positionable Elbow	N6802 45° Positionable Male Elbow	N6803 Positionable Male Branch Tee	N6804 Positionable Male Run Tee	N7002 BSPP Male Connector		

*Bored Through Male Connectors for Thermocouples are available. Example: N2404-04-04-BT-SS.

Conversion Adapters

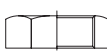
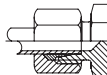
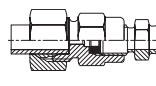
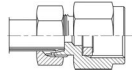
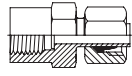
						
7000 MJ-MBSPT	7001 MJ-MMORR	7002 MJ-MBSPP	7003 MJ-FBSPP	7004 MJ-FBSPPS	7005 MJ-MM Metric Port	7005-L MJ-MM Light Metric (Dual)
						
7005-S MJ-MM Heavy Metric (Dual)	7007 MJ-FMS Metric	7007-L M-JIC-MET-FEM-Light	7007-S M-JIC-MET-FEM-Heavy	7008 MJ-MJIS Union	7008-F MJ-FJIS*	7009 Komatsu MJ-MK Union
						
7009-F Komatsu MJ-FK*	7022 FJS-MBSPP	7023 FJS-FBSPPS	7025 FJS-MM Metric	7030 MP-MBSPT Nipple	7032 MP-MBSPP	7033 MP-FBSPP
						
7034 MP-FBSPPS	7040 FP-MBSPT	7042 FP-MBSPP	7045 FP-MM Metric	7062 MORB-MBSPP	7100 MJ-MBSPT 45° Elbow	7102-NWO MJ-MBSPPADJ 45°
						
7200 MJ-MBSPT 90° Elbow	7202-NWO MJ-MBSPPADJ 90°	7204 MJ-MBSPPADJ 90°	7205-NWO MJ-MMADJ 90° Elbow	7220 FJS-MBSPT 90° Elbow	7222 FJS-MBSPP 90° Elbow	7588-P MJIS Plug

Conversion Adapters *continued*

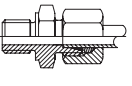
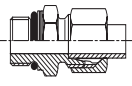
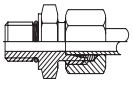
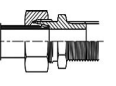
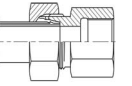
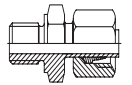
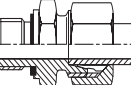
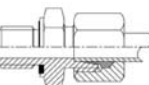
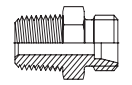
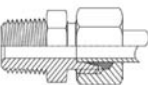
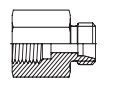
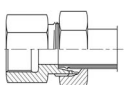
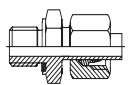
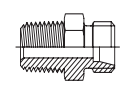
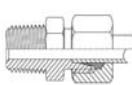
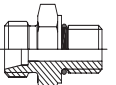
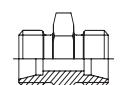
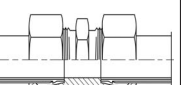
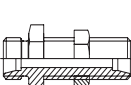
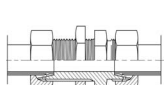
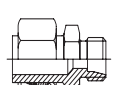
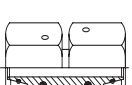
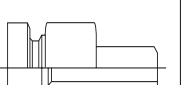
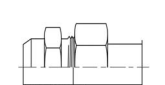
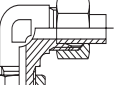
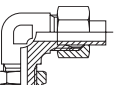
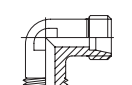
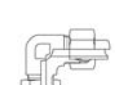
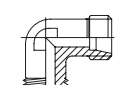
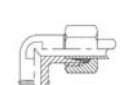
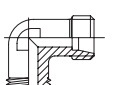
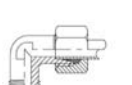
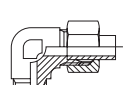
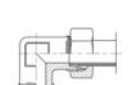
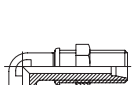
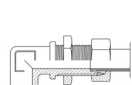
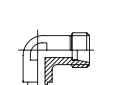
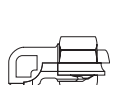
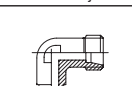
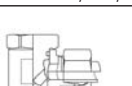
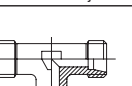
						
7599-P Komatsu MK Plug	7688-C FJIS Cap	7699-C Komatsu FK Cap	8055 Metric MM-MM Nipple	8080 MJIS-MBSPT	8088 MJIS-MJIS Union	8180 MJIS-MBSPT 45° Elbow
						
8280 MJIS-MBSPT 90° Elbow	8555-H Metric MM Hollow Hex Plug	8555-P Metric Plug	8800 Metric Bonded Seal	9000 MBSPT-MBSPT Nipple	9001 MBSPT-FBSPT Bushing	9002 MBSPT 90° Elbow
						
9020 MBSPP-MBSPT Straight	9022 MBSPP-MBSPP Nipple	9023 MBSPP-FBSPP w/60° Seat	9024 MBSPP-FBSPPS	9025 Metric MBSPP- MM Nipple	9033 FBSPP-FBSPP Coupling	9124 MBSPP-FBSPPS Swept 45°
						
9222 MBSPP 90°	9224 MBSPP-FBSPPS 90°	9224-L MBSPP-FBSPPS 90° Long	9322 MBSPP-MBSPP-MBSPP	9344 FBSPP-FBSPP- FBSPP Tee	9500-P MBSPT Plug	9522-H MBSPP Hollow Hex Plug
						
9522-P MBSPP Hollow Hex Plug	9644-C FBSPP Cap	9722-LN MBSPP- Bulkhead/LOCKNUT	9900 British Bonded Seal	9925 BSPP-Locknut		

*Swivel style available upon request. Also available 9621-NWO MBSP60° - MBSPPAORR 90° Adj. Elbow.

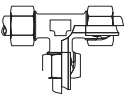
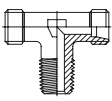
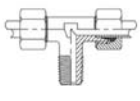
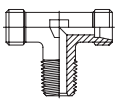
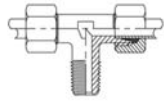
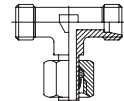
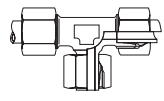
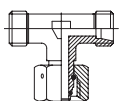
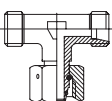
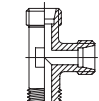
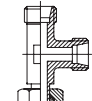
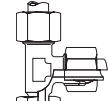
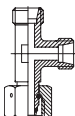
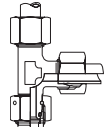
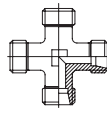
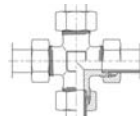
Metric Bite Type

						
D8000 Reinforcing Sleeve	D8002 Met. Bulkhead Lock Nut	D8003 Blanking Cap-DKO	D8004 Tube End Plug	D8005 Single Bite Ring	D8006 Double Bite Ring	D8007 DiNova Bite Ring
						
D8008 Tube Nut	D8009 37°/24° Metric Flare Insert	D8010 37° Metric Flare Sleeve	D8011 37° Metric Flare Nut	D8020 MPT-FBSPP (Rigid) Gauge Coupling Body Only	D8020-NBR MBT-FBSPP (Rigid) Gauge Coupling	D8021 FMS-FBSPP (Rigid) Gauge Coupling

Metric Bite Type *continued*

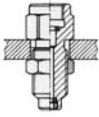
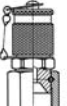
						
D8030-NBR MBT-MM Form B	D8031-MBT-MMCOR Straight Body Only	D8031-O-NBR MBT-MMCOR Straight	D8032-MBT-MMISO 6149 Body Only	D8032-O-NBR MBT-MMISO 6149	D8033-NBR MBT-Met. Taper Strt.	D8034-NBR MBT-F. Met. (Rigid)
						
D8036-O FMS-MMCOR Straight	D8040-MBT-MBSPP Form B	D8041-MBT-MBSPPCOR Straight Body Only	D8041-O-NBR MBT-MBSPPCOR Strt.	D8043-MBT-MBSPT Straight Body Only	D8043-NBR MBT-MBSPT Straight	D8044-MBT-FBSPP (Rigid) Body Only
						
D8044-NBR MBT-FBSPP (Rigid)	D8045-MBT-MBSPP Form E Male Stud Standpipe	D8046-O FMS-MBSPPCOR Strt.	D8050-MBT-MP Straight Body Only	D8050-NBR MBT-MP Straight	D8051-MBT-MORB Straight Body Only	D8051-O-NBR MBT-MORB Straight
						
D8060-MBT-MBT Straight Union Body Only	D8060-NBR MBT-MBT Straight Union	D8061-LN MBT-MBT Bulkhead Straight Body Only	D8061-LN-NBR MBT-MBT Bulkhead Strt.	D8062-FMS-MBT Straight Standpipe Reducer	D8062-NBR FMS-MBT Straight Standpipe Reducer	D8064 Met. Internal Coupling Nut
						
D8067 F. SWV CPLG-DKO	D8096 Straight Weld Nipple	D8097-MBT Butt Weld Straight	D8097-NBR MBT-Butt Weld Strt.	D8098-NBR MBT-Butt Weld Bulkhead	D8231-NWO-NBR MMORR 90° Adj. Elbow	D8232-NWO-NBR MMISO 6149 90° Adj. Elbow
						
D8233-MBT-Metric Taper 90° Elbow Body Only	D8233-NBR MBT-Met. Taper 90° Elbow	D8241-NWO-NBR MBSPORR 90° Adj. Elbow	D8243-MBT-MBSPT 90° Elbow Body Only	D8243-NBR MBT-MBSPT 90° Elbow	D8250-MBT-MP 90° Elbow Body Only	D8250-NBR MBT-MP 90° Elbow
						
D8251-NWO-NBR MAORR 90° Adj. Elbow	D8260-MBT-MBT Equal Elbow Body Only	D8260-NBR MBT-MBT Equal Elbow	D8261-MBT-MBT Bulkhead 90° Body Only	D8261-LN-NBR MBT-MBT Bulkhead 90°	D8263-MBT-FMS 90° Adj. Elbow Body Only	D8263-NBR MBT-FMS 90° Adj. Elbow
						
D8269-MBT-FMS Adj. 90-DKO Body Only	D8269-NBR MBT-FMS Adj. 90-DKO	D8290-NBR Met. Para- llel Low Press. Banjo	D8291-NBR BSPP Low Press Banjo Elbow	D8292-NBR Met. Paral- lel High Press. Banjo Elbow	D8293-NBR BSPP High Pressure Banjo Elbow	D8360-MBT-MBT-MBT Equal Tee Body Only

Metric Bite Type *continued*

						
D8360-NBR MBT-MBT-MBT Equal Tee	D8433 MBT-MBT-MK BR. Tee Body Only	D8433-NBR MBT-MBT-MK BR. Tee	D8443 MBT-MBT-MBSPT BR. Tee Body Only	D8443-NBR MBT-MBT-MBSPT BR. Tee	D8463 MBT-MBT-FMS Adj. Branch Tee Body Only	D8463-NBR MBT-MBT-FMS Adj. Branch Tee
						
D8469 MBT-MBT-FMS Adj. BR. Tee-DKO Body Only	D8469-NBR MBT-MBT-FMS Adj. BR. Tee-DKO	D8533-NBR MBT-MK-MBT Run Tee	D8543 MBT-MBSPT-MBT Run Tee Body Only	D8543-NBR MBT-MBSPT-MBT Run Tee	D8563 MBT-FMS-MBT-Adj. Run Tee Body Only	D8563-NBR MBT-FMS-MBT-Adj. Run Tee
						
D8569 MBT-FMS-MBT Adj. Run Tee Body Only	D8569-NBR MBT-FMS-MBT Adj. Run Tee	D8660 MBT Equal Cross Body Only	D8660-NBR MBT Equal Cross			

Metric Bite Type Fittings are also available as body only by omitting the NBR suffix.

Test Points

						
Test Hose DTH Series	Gauge Adapter DGA Series	Direct Gauge Adapter DDGA Series	Pressure Gauge DG Series	Single Gauge Kit DGK-S	Double Gauge Kit DGK-D	Triple Gauge Kit DGK-T
						
DP-2404 TPS-MNPT	DP-6400 TPS-MORB	DP-6504 TPS-FJS	DP-7002 TPS-MBSPT	DP-7002-PO TPS-MMETRIC	DP-7005 TPS-MBSPP	

OTHER TEST POINTS AVAILABLE: **TPT-362 SERIES** MJ-FJS-FNPTF **TPT-369 SERIES** MJ-FJS-FORB

Specials

If you have a design challenge that involves hydraulic fittings, we will help. Chances are, we've already developed a fitting for a similar requirement. The solution could be as easy as modifying an existing fitting to meet your specific requirements. Or, we can start from scratch to develop a solution.

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