



ADAPTER AND FITTING PRODUCT GUIDE

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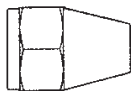
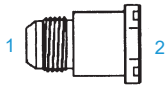
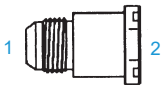
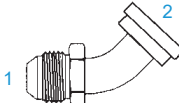
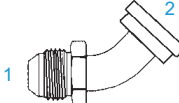
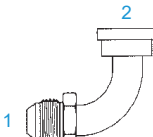
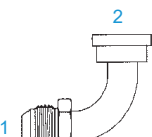
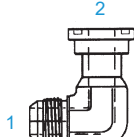
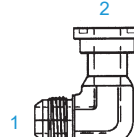
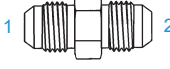
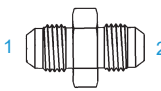
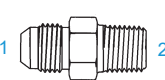
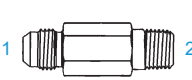
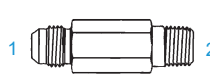
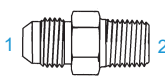
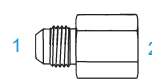
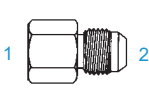
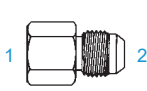
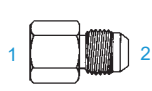
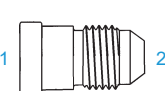
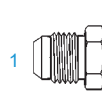
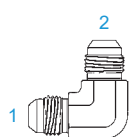
*“It is the policy of Fittings Unlimited, Inc.
to maintain and improve our customer satisfaction by
providing hydraulic and pneumatic fittings and
accessories that consistently meet our customer’s
specified product and delivery requirements.”*

Import Steel Adapters

TUBE FITTINGS, J.I.C. - S.A.E.

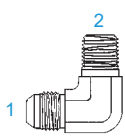
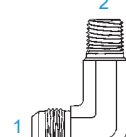
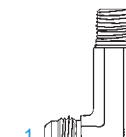
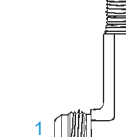
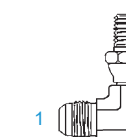
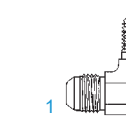
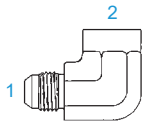
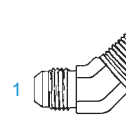
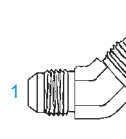
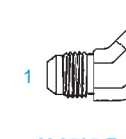
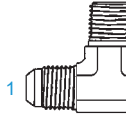
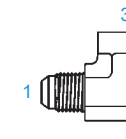
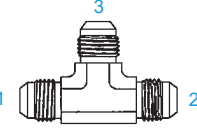
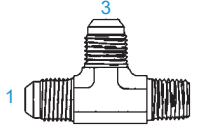
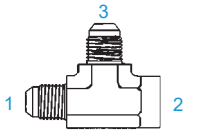
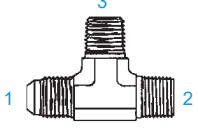
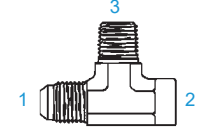
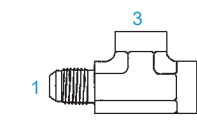
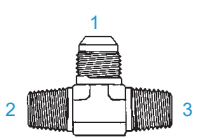
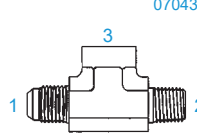
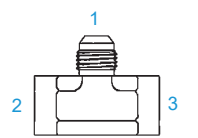
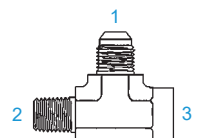
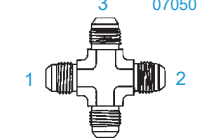
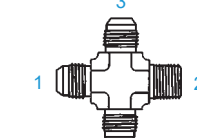
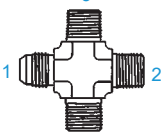
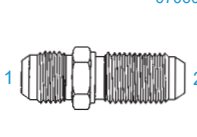
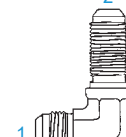
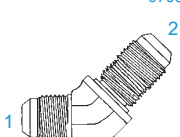
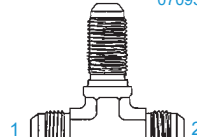
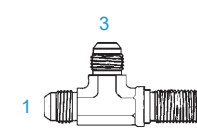
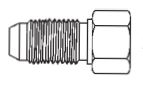
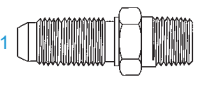
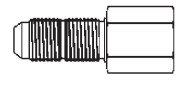
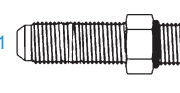
STEEL FITTINGS

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Tube O.D.	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1	1-1/4	1-1/2	2
Straight Thread	5/16-24	3/8-24	7/16-20	1/2-20	5/8-18	3/4-16	7/8-14	1 1/16-12	1 3/16-12	1 5/16-12	1 7/8-12	1 7/8-12	2 1/2-12
Pipe Thread Std.	1/8-27	1/8-27	1/8-27	1/8-27	1/4-18	3/8-18	1/2-14	3/4-14	3/4-14	1-11 1/2	1 1/4-11 1/2	1 1/2-11 1/2	2-11 1/2

 Y-0302 Short Nut	 Y-0304 Standard Nut	070112  Y-0304-C 37° Cap Nut	070118  Y-0306 Bulkhead Lock Nut	 Y-0306-N Adjustable Lock Nut	070110  Y-0318 37° Nut
070115  Y-0319 37° Sleeve	 Y-1700-61 - Str. (1) Male 37° (2) O-Ring Flange Code 61	 Y-1700-62 - Str. (1) Male 37° (2) O-Ring Flange Code 62	 Y-1703-61 - 45° (1) Male 37° (2) O-Ring Flange Code 61	 Y-1703-62 - 45° (1) Male 37° (2) O-Ring Flange Code 62	 Y-1703-F-61 - 45° (1) Male 37° (2) O-Ring Flange Code 61
 Y-1703-F-62 - 45° (1) Male 37° (2) O-Ring Flange Code 62	 Y-1704-61 - 90° (1) Male 37° (2) O-Ring Flange Code 61	 Y-1704-62 - 90° (1) Male 37° (2) O-Ring Flange Code 62	 Y-1704-F-61 - 90° (1) Male 37° (2) O-Ring Flange Code 61	 Y-1704-F-62 - 90° (1) Male 37° (2) O-Ring Flange Code 62	070101  Y-2403 - Str. (1)(2) Male 37° Union
070119  Y-2403-LH - Str. (1)(2) Male 37° Union Large Hex	070102  Y-2404 - Str. (1) Male 37° (2) Male Pipe	070102L  Y-2404-L - Str. (1) Male 37° (2) Male Pipe-Long	 Y-2404-LL - Str. (1) Male 37° (2) Male Pipe-Ex. Long	070102  RESTRICTOR Y-2404-R - Str. (1) Male 37° (2) Male Pipe	070103  Y-2405 - Str. (1) Male 37° (2) Fem. Pipe
070123  Y-2406 - Str. Reducer & Expander (1) 37° Fem. (2) Male 37°	 BLANK Y-2406-BLK - Str. Reducer and Expander (1) 37° Fem. (2) Male 37°	 RESTRICTOR Y-2406-R - Str. Reducer and Expander (1) 37° Fem. (2) Male 37°	 Y-2407 - Str. Reducer (1) 37° Fem. (2) Male 37°	070109  Y-2408 (1) Male 37° Plug	070201  Y-2500-F - 90° (1)(2) Male 37°

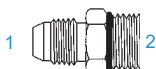
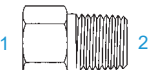
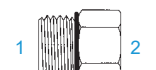
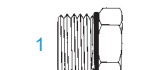
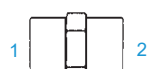
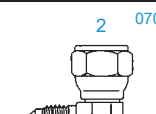
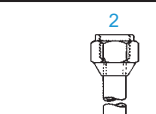
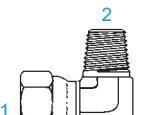
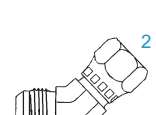
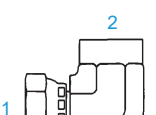
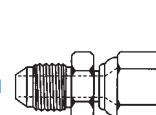
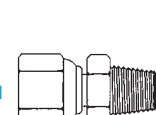
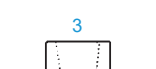
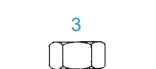
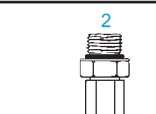
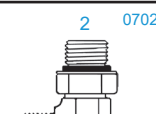
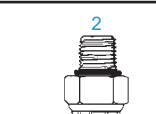
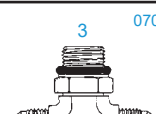
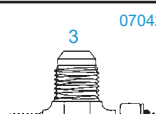
TUBE FITTINGS, JIC - S.A.E (CONTINUED)

STEEL FITTINGS

070202  Y-2501-F - 90° (1) Male 37° (2) Male Pipe	071502  Y-2501-F-L - 90° (1) Male 37° (2) Male Pipe-Long	071602  Y-2501-F-LL - 90° (1) Male 37° (2) Male Pipe-Ex. Long	2  Y-2501-F-LLL - 90° (1) Male 37° (2) Male Pipe-Ex. Ex. Long	2  Y-2501-F-S - 90° (1) Male 37° (2) Male Pipe Swivel	2  RESTRICTOR Y-2501-F-R - 90° (1) Male 37° (2) Male Pipe
070203  Y-2502-F - 90° (1) Male 37° (2) Fem. Pipe	070302  Y-2503-F - 45° (1) Male 37° (2) Male Pipe	070301  Y-2504-F - 45° (1)(2) Male 37°	2  Y-2505-F - 45° (1) Male 37° (2) Fem. Pipe	070425  Y-2601-F - Tee (1)(2) Male 37° (3) Male Pipe	070427  Y-2602-F - Tee (1)(2) Male 37° (3) Fem. Pipe
070401  Y-2603-F - Tee (1)(2)(3) Male 37°	070424  Y-2605-F - Tee (1)(3) Male 37° (2) Male Pipe	070426  Y-2606-F - Tee (1)(3) Male 37° (2) Fem. Pipe	3  Y-2607-F - Tee (1) Male 37° (2)(3) Male Pipe	070434  Y-2608-F - Tee (1) Male 37° (2) Fem. Pipe (3) Male Pipe	3  Y-2609-F - Tee (1) Male 37° (2)(3) Fem. Pipe
1  Y-2610-F - Tee (1) Male 37° (2)(3) Male Pipe	070435  Y-2611-F - Tee (1) Male 37° (2) Male Pipe (3) Fem. Pipe	1  Y-2612-F - Tee (1) Male 37° (2)(3) Fem. Pipe	1  Y-2613-F - Tee (1) Male 37° (2) Male Pipe (3) Fem. Pipe	070501  Y-2650-F - Cross (1)(2)(3)(4) Male 37°	3  Y-2651-F - Cross (1)(3)(4) Male 37° (2) Male Pipe
3  Y-2655-F - Cross (1) Male 37° (2)(3)(4) Male Pipe	070601  Y-2700 - Str. (1) Male 37° (2) Male Bulkhead 37°	070701  Y-2701-F - 90° (1) Male 37° (2) Male Bulkhead 37°	070801  Y-2702-F - 45° (1) Male 37° (2) Male Bulkhead 37°	070959  Y-2703-F - Tee (1)(2) Male 37° (2) Male Bulkhead 37°	3  Y-2704-F - Tee (1)(3) Male 37° (2) Male Bulkhead 37°
1  Y-2705 - Str. (1) Male Bulkhead 37° (2) Fem. Pipe	1  Y-2706 - Str. (1) Male Bulkhead 37° (2) Male Pipe	1  Y-2710 - Str. (1) Male Bulkhead 37° (2) Fem. O-Ring	1  Y-2711-O - Str. (1) Male Bulkhead 37° (2) Male O-Ring	Bulkheads also available with locknut. Add LN to base number "Y-2700-LN"	

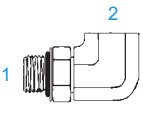
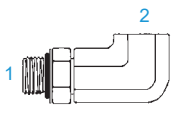
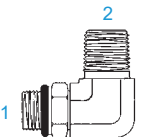
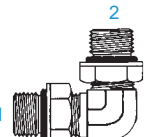
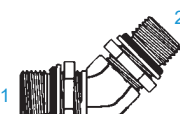
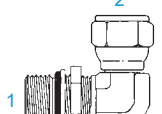
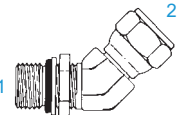
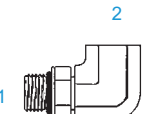
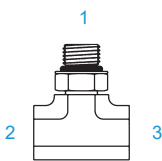
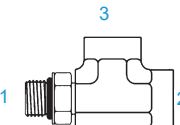
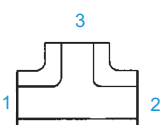
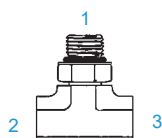
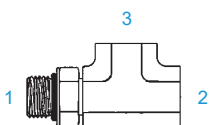
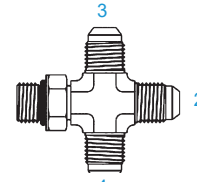
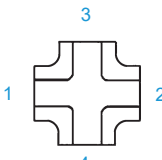
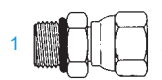
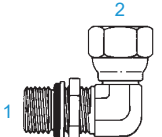
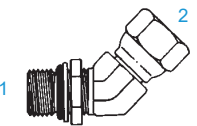
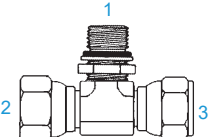
ADJUSTABLE & O-RING FITTINGS

(Refer to Tube Fittings, "JIC-SAE" Chart for sizes)

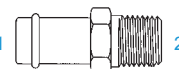
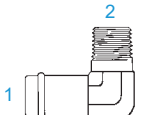
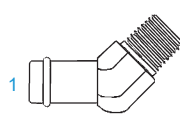
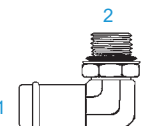
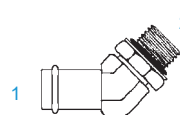
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 Y-6402-O - Str. (1) Male O-Ring (2) 37° Fem. Swivel	 Y-6404 - Str. (1) Fem. O-Ring (2) Male Pipe	 Y-6405-O - Str. (1) Male O-Ring (2) Fem. Pipe	 Y-6408-O - Str. (1) Male O-Ring Plug	 Y-6408-HHP-O (1) Hollow Hex Male O-Ring Plug	 Y-6410-O - Str. (1) Male O-Ring (2) Fem. O-Ring
 Y-6412 - Str. (1) Fem. O-Ring (2) Fem. Pipe	 Y-6413 - Str. (1)(2) Fem. O-Ring	 Y-6464-NWO - Str. (1) Male O-Ring (2) Adj. O-Ring	070221  Y-6500-F - 90° (1) Male 37° (2) 37° Fem. Swivel	 Y-6500-L - 90° (1) Male 37° (2) 37° Fem. Swivel-Long	 Y-6500-LL - 90° (1) Male 37° (2) 37° Fem. Swivel -Ex. Long
 Y-6501-F - 90° (1) 37° Fem. Swivel (2) Male Pipe	 Y-6502-F - 45° (1) Male 37° (2) 37° Fem. Swivel	 Y-6503-F - 90° (1) 37° Fem. Swivel (2) Fem. Pipe	 Y-6504 - Str. (1) Male 37° (2) 37° Fem. Swivel	 Y-6505 - Str. (1) 37° Fem. Swivel (2) Male Pipe	 Y-6506 - Str. (1) 37° Fem. Swivel (2) Fem. Pipe
 Y-6507-F - 45° (1) 37° Fem. Swivel (2) Fem. Pipe	 Y-6565 - Str. (1)(2) 37° Fem. Swivel	 Y-6566-F - 90° (1)(2) 37° Fem. Swivel	 Y-6600-F - Tee (1)(2) Male 37° (3) 37° Fem. Swivel	070433  Y-6602-F - Tee (1)(3) Male 37° (2) 37° Fem. Swivel	 Y-6603-F - Tee (1)(2) 37° Fem. Swivel (3) Male 37°
 Y-6604-F - Tee (1)(2) 37° Fem. Swivel (3) Male Pipe	 Y-6605-F - Tee (1)(2) 37° Fem. Swivel (3) Fem. Pipe	 Y-6606-F - Tee (1)(2)(3) 37° Fem. Swivel	070220  Y-6801-F-NWO - 90° (1) Male 37° (2) Adj. O-Ring	 Y-6801-F-L-NWO - 90° (1) Male 37° (2) Adj. O-Ring-Long	 Y-6801-F-LL-NWO - 90° (1) Male 37° (2) Adj. O-Ring-Ex. Long
 Y-6801-F-LLL-NWO - 90° (1) Male 37° (2) Adj. O-Ring-Ex. Ex. Long	070220  RESTRICTOR Y-6801-F-R-NWO - 90° (1) Male 37° (2) Adj. O-Ring	 Y-6801-F-S-O - 90° (1) Male 37° (2) Male O-Ring Swivel	070320  Y-6802-F-NWO - 45° (1) Male 37° (2) Adj. O-Ring	070429  Y-6803-F-NWO - Tee (1)(2) Male 37° (3) Adj. O-Ring	070428  Y-6804-F-NWO - Tee (1)(3) Male 37° (2) Adj. O-Ring

ADJUSTABLE & O-RING FITTINGS

(Refer to Tube Fittings, "JIC-SAE" Chart for sizes)

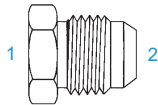
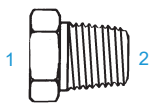
 Y-6805-F-NWO - 90° (1) Adj. O-Ring (2) Fem. Pipe	 Y-6805-F-LL-NWO - 90° (1) Adj. O-Ring (2) Fem. Pipe-Ex. Long	 Y-6806-F-NWO - 90° (1) Adj. O-Ring (2) Male Pipe	 Y-6807-F-NWO - 90° (1)(2) Adj. O-Ring	 Y-6808-F-NWO - 45° (1)(2) Adj. O-Ring	 Y-6809-F-NWO - 90° (1) Adj. O-Ring (2) 37° Fem. Swivel
 Y-6810-F-NWO - 45° (1) Adj. O-Ring (2) 37° Fem. Swivel	 Y-6815-F-NWO - 90° (1) Adj. O-Ring (2) Fem. O-Ring	 Y-6863-F-NWO - Tee (1) Adj. O-Ring (2)(3) Fem. Pipe	 Y-6864-F-NWO - Tee (1) Adj. O-Ring (2)(3) Fem. Pipe	 Y-6868-F - Tee (1)(2)(3) Fem. O-Ring	 Y-6870-F-NWO - Tee (1) Adj. O-Ring (2)(3) Fem. O-Ring
 Y-6871-F-NWO - Tee (1) Adj. O-Ring (2)(3) Fem. O-Ring	 Y-6889-F-NWO - Cross (1) Adj. O-Ring (2)(3)(4) Male 37°	 Y-6892-F - Cross (1)(2)(3)(4) Fem. O-Ring	 Y-6900-O - Str. (1) Adj. O-Ring (2) Fem. Pipe Swivel	 Y-6901-F-NWO - 90° (1) Adj. O-Ring (2) Fem. Pipe Swivel	 Y-6902-F-NWO - 45° (1) Adj. O-Ring (2) Fem. Pipe Swivel
 Y-6911-F-NWO - Tee (1) Adj. O-Ring (2)(3) Fem. Pipe Swivel					

BEADED HOSE ADAPTERS

 Y-4404 - Str. (1) Beaded (2) Male Pipe	 Y-4501-F - 90° (1) Beaded (2) Male Pipe	 Y-4503-F - 45° (1) Beaded (2) Male Pipe	 Y-4601-F-NWO - 90° (1) Beaded (2) Adj. O-Ring	 Y-4603-F-NWO - 45° (1) Beaded (2) Adj. O-Ring	 Y-4604-O - Str. (1) Beaded (2) Male O-Ring
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BRAZE FITTINGS FOR TUBING

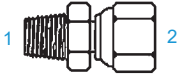
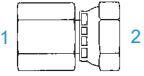
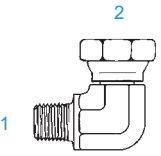
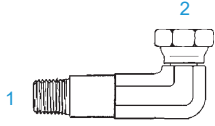
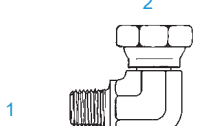
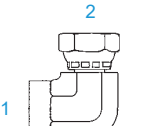
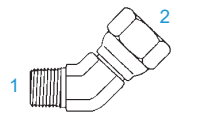
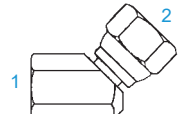
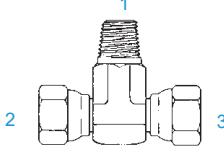
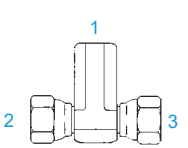
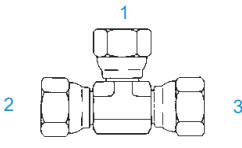
(Refer to "Tube Fittings, JIC-SAE" Chart for sizes)

 Y-0403 (1) Bore (2) Male 37°	 Y-0404 (1) Bore (2) Male Pipe			
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PIPE ADAPTER UNIONS

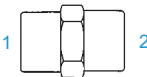
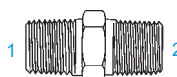
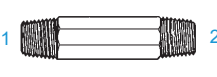
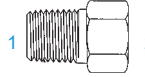
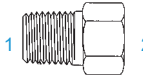
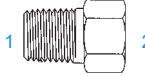
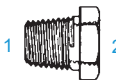
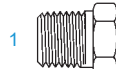
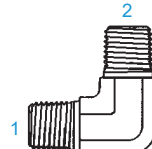
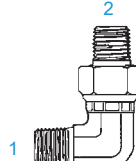
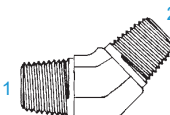
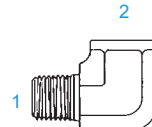
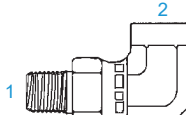
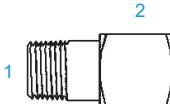
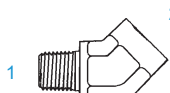
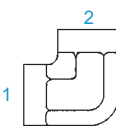
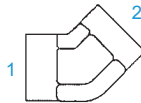
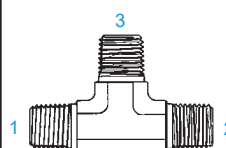
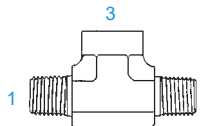
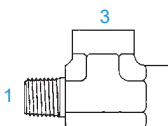
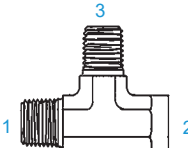
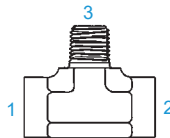
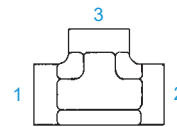
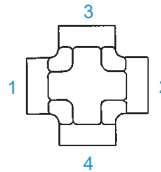
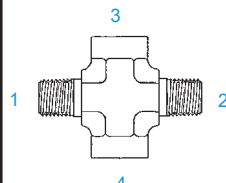
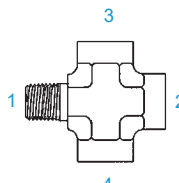
Refer to Chart below for Sizes

Dash Number	2	4	6	8	12	16	20	24	32
Pipe Thread Std. NPSM - NPTF	1/8-27	1/4-18	3/8-18	1/2-14	3/4-14	1-11 1/2	1 1/4-11 1/2	1 1/2-11 1/2	2-11 1/2

140130  Y-1404 - Str. (1) Male Pipe (2) Fem. Pipe Swivel	 RESTRICTOR Y-1404-R - Str. (1) Male Pipe (2) Fem. Pipe Swivel	140131  Y-1405 - Str. (1) Fem. Pipe (2) Fem. Pipe Swivel	 Y-1406 - Str. (1) Fem. Pipe (2) Fem. Pipe Swivel	140230  Y-1501-F - 90° (1) Male Pipe (2) Fem. Pipe Swivel
 Y-1501-F-LL - 90° (1) Male Pipe (2) Fem. Pipe Swivel	 RESTRICTOR Y-1501-F-R - 90° (1) Male Pipe (2) Fem. Pipe Swivel	 Y-1502-F - 90° (1) Fem. Pipe (2) Fem. Pipe Swivel	140330  Y-1503-F - 45° (1) Male Pipe (2) Fem. Pipe Swivel	 Y-1504-F - 45° (1) Fem. Pipe (2) Fem. Pipe Swivel
 Y-1601-F - Tee (1) Male Pipe (2)(3) Fem. Pipe Swivel	 Y-1602-F - Tee (1) Fem. Pipe (2)(3) Fem. Pipe Swivel	 Y-1603-F - Tee (1)(2)(3) Fem. Pipe Swivel		

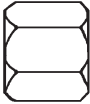
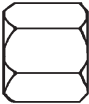
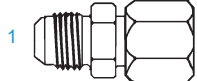
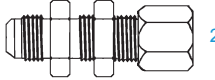
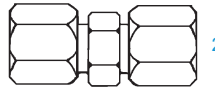
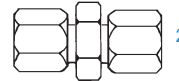
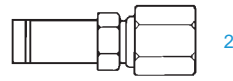
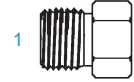
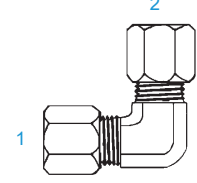
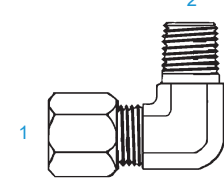
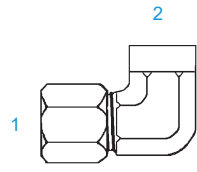
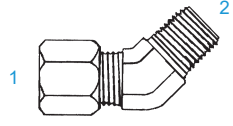
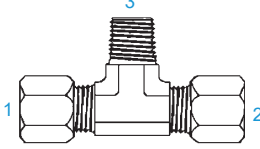
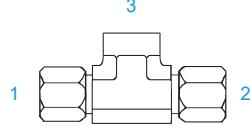
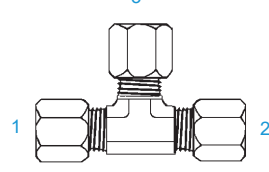
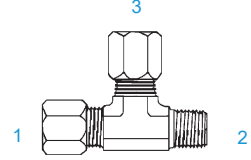
PIPE FITTINGS

Refer to Chart below for Sizes

Dash Number	2	4	6	8	12	16	20	24	32
Pipe Thread Std. NPSM - NPTF	1/8-27	1/4-18	3/8-18	1/2-14	3/4-14	1-11 1/2	1 1/4-11 1/2	1 1/2-11 1/2	2-11 1/2
140138  Y-5000 - Str. (1)(2) Fem. Pipe	140137  Y-5404 - Str. (1)(2) Male Pipe	 Y-5404-N - Str. Nipple (1)(2) Male Pipe	140139  Y-5405 - Str. (1) Male Pipe (2) Fem. Pipe	140139  Y-5405-BLK - Str. (1) Male Pipe (2) Fem. Pipe	140139  Y-5405-R - Str. (1) Male Pipe (2) Fem. Pipe				
140140  Y-5406 - Str. Bushing (1) Male Pipe (2) Fem. Pipe	 Y-5406-C Pipe Cap	 Y-5406-HHP (1) Hollow Hex Pipe Plug	130109E  Y-5406-P - Plug (1) Pipe Plug	 Y-5406-SHP (1) Pipe plug Square Head	 Y-5500-F - 90° (1)(2) Male Pipe				
 Y-5500-F-S - 90° (1) Male Pipe (2) Male Pipe Swivel	 Y-5501-F - 45° (1) (2) Male Pipe	140239  Y-5502-F - 90° (1) Male Pipe (2) Fem. Pipe	 Y-5502-F-S - 90° (1) Male Pipe Swivel (2) Fem. Pipe	 Y-5502-SB - 90° Short Body (1) Male Pipe (2) Fem. Pipe	140339  Y-5503-F - 45° (1) Male Pipe (2) Fem. Pipe				
140238  Y-5504-F - 90° (1)(2) Fem. Pipe	140338  Y-5505-F - 45° (1)(2) Fem. Pipe	 Y-5600-F - Tee (1)(2)(3) Male Pipe	 Y-5601-F - Tee (1)(2) Male Pipe (3) Fem. Pipe	140424  Y-5602-F - Tee (1) Male Pipe (2)(3) Fem. Pipe	 Y-5603-F - Tee (1)(3) Male Pipe (2) Fem. Pipe				
140425  Y-5604-F - Tee (1)(2) Fem. Pipe (3) Male Pipe	140438  Y-5605-F - Tee (1)(2)(3) Fem. Pipe	 Y-5652-F - Cross (1)(2)(3)(4) Fem. Pipe	 Y-5653-F - Cross (1)(2) Male Pipe (3)(4) Fem. Pipe	 Y-5655-F - Cross (1) Male Pipe (2)(3)(4) Fem. Pipe					

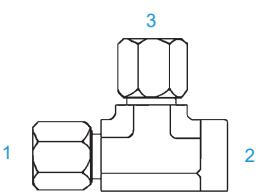
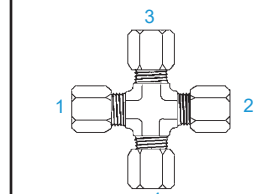
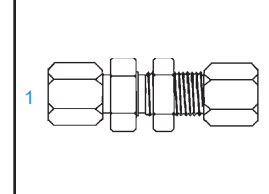
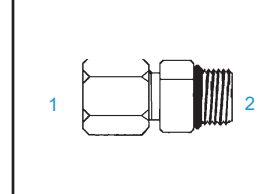
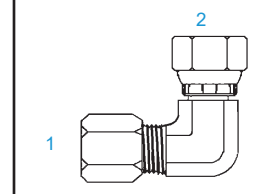
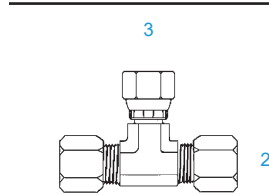
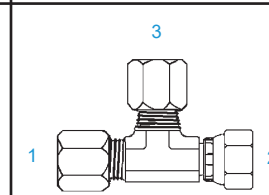
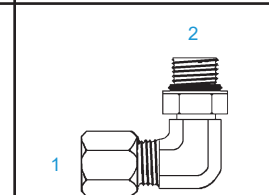
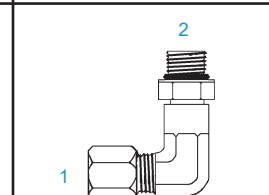
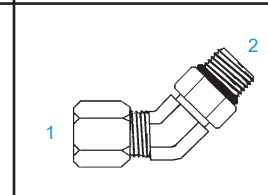
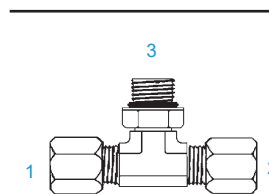
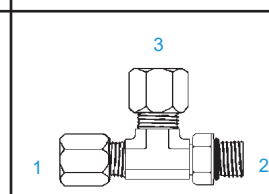
Import Flareless Steel

Dash Number	2	3	4	5	6	8	10	12	14	16	20	24	32
Tube O.D.	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1	1-1/4	1-1/2	2
Straight Thread	5/16-24	3/8-24	7/16-20	1/2-20	9/16-18	3/4-16	7/8-14	1 1/16-12	1 3/16-12	1 5/16-12	1 5/8-12	1 7/8-12	2 1/2-12
Pipe Thread Std.	1/8-27	1/8-27	1/8-27	1/8-27	1/4-18	3/8-18	1/2-14	3/4-14	3/4-14	1-11 1/2	1 1/4-11 1/2	1 1/2-11 1/2	2-11 1/2

 Y-FL-0304-C Cap Nut	 Y-FL-0306 Bulkhead Lock Nut	 Y-FL-0318 Flareless Nut	 Y-FL-0319 Flareless Sleeve	 Y-FL-2000 - Str. (1) Male 37° (2) Male Flareless
 Y-FL-2000-BH - Str. (1) Male 37° (2) Bulkhead	 Y-FL-2403 - Str. (1) (2) Male Flareless Union	 Y-FL-2403-LH - Str. (1)(2) Male Flareless Union Large Hex	 Y-FL-2404 - Str. (1) Male Flareless (2) Male Pipe	 Y-FL-2405 - Str. (1) Male Flareless (2) Fem. Pipe
 Y-FL-2406 - Str. Reducer (1) Female Flareless (2) Male Flareless	 Y-FL-2408 - Str. (1) Male Flareless Plug	 Y-FL-2500 - 90° (1) (2) Male Flareless	 Y-FL-2501 - 90° (1) Male Flareless (2) Male Pipe	 Y-FL-2502 - 90° (1) Male Flareless (2) Fem. Pipe
 Y-FL-2503 - 45° (1) Male Flareless (2) Male Pipe	 Y-FL-2601 - Tee (1)(2) Male Flareless (3) Male Pipe	 Y-FL-2602 - Tee (1)(2) Male Flareless (3) Fem. Pipe	 Y-FL-2603 - Tee (1) (2) (3) Male Flareless	 Y-FL-2605 - Tee (1)(3) Male Flareless (2) Male Pipe

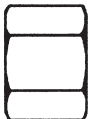
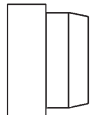
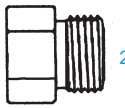
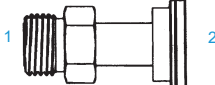
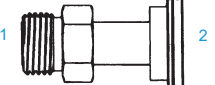
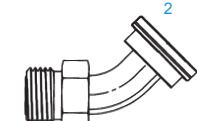
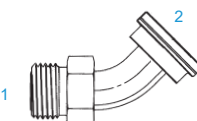
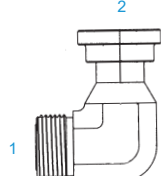
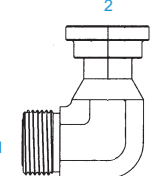
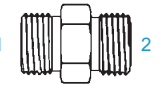
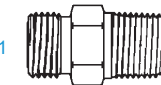
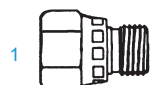
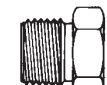
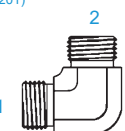
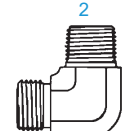
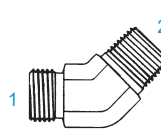
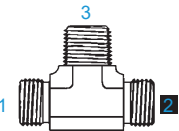
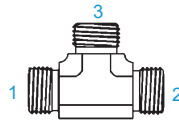
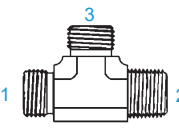
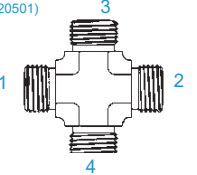
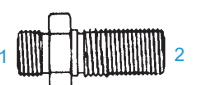
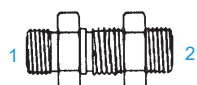
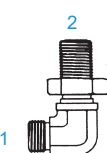
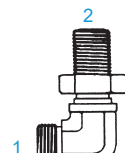
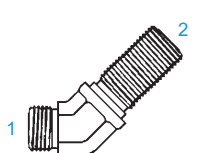
FLARELESS STEEL

FLARELESS STEEL

 Y-FL-2606 - Tee (1)(3) Male Flareless (2) Fem. Pipe	 Y-FL-2650 - Cross (1)(2)(3)(4) Male Flareless	 Y-FL-2700-LN - Str. (1) Male Flareless (2) Male Flareless Bulkhead with Locknut	 Y-FL-6400-O - Str. (1) Male Flareless (2) Male O-Ring	 Y-FL-6500 - 90° (1) Male Flareless (2) Fem. Flareless Swivel
 Y-FL-6600 - Tee (1)(2) Male Flareless (3) Fem. Flareless Swivel	 Y-FL-6602 - Tee (1)(3) Male Flareless (2) Fem. Flareless Swivel	 Y-FL-6801-NWO - 90° (1) Male Flareless (2) Adj. O-Ring	 Y-FL-6801-L-NWO - 90° (1) Male Flareless (2) Adj. O-Ring-Long	 Y-FL-6802- NWO - 45° (1) Male Flareless (2) Adj. O-Ring
 Y-FL-6803- NWO - Tee (1)(2) Male Flareless (3) Adj. O-Ring	 Y-FL-6804- NWO - Tee (1)(3) Male Flareless (2) Adj. O-Ring			

Import O-Ring Face Seal Fittings

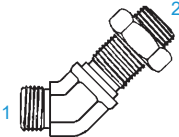
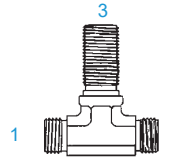
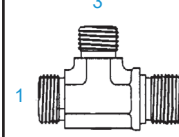
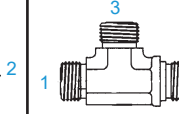
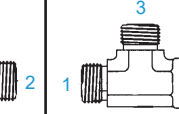
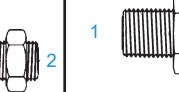
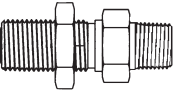
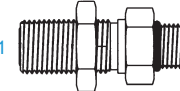
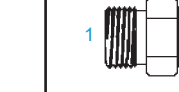
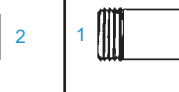
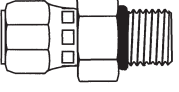
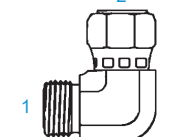
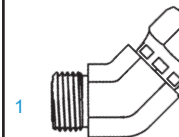
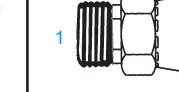
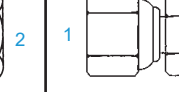
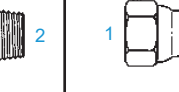
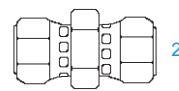
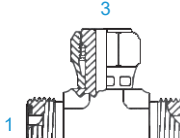
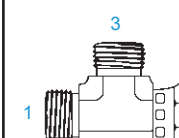
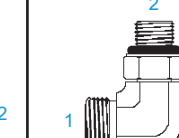
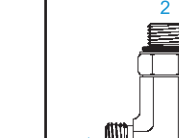
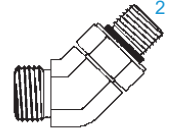
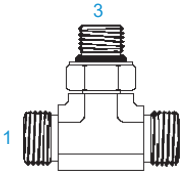
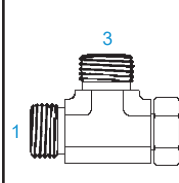
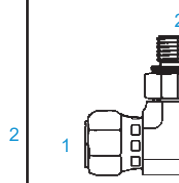
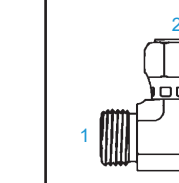
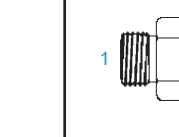
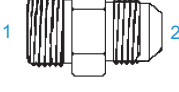
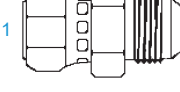
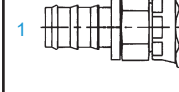
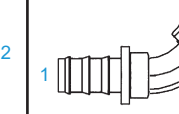
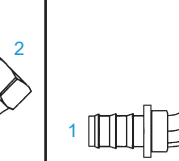
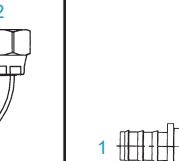
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Tube O.D.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	1- $\frac{1}{4}$	1- $\frac{1}{2}$
O-Ring Face Seal Thread	$\frac{9}{16}$ -18	1 $\frac{1}{16}$ -16	1 $\frac{3}{16}$ -16	1-14	1 $\frac{3}{16}$ -12	1 $\frac{1}{16}$ -12	1 $\frac{1}{16}$ -12	2-12
O-Ring Face Seal PSI 4:1	6000	6000	6000	6000	6000	5500	4000	4000
Adjustable Fittings PSI	5000	5000	5000	4500	4000	3000	2500	2000
Pipe Thread STD 4:1	5000	4500	3000		3000	1750	1500	1500

	(520118)  Y-OFS-0306 Bulkhead Lock Nut	(520118)  Y-OFS-0318 OFS Nut	(520115)  Y-OFS-0319 OFS Braze Shoulder	 Y-OFS-0333 OFS Sleeve	(520104)  Y-OFS-0403 (1) Bore for Brazing (2) Male OFS
 Y-OFS-1700-61 - Str. (1) Male OFS (2) O-Ring Flange Code 61	 Y-OFS-1700-62 - Str. (1) Male OFS (2) O-Ring Flange Code 62	 Y-OFS-1703-F-61 - 45° (1) Male OFS (2) O-Ring Flange Code 61	 Y-OFS-1703-F-62 - 45° (1) Male OFS (2) O-Ring Flange Code 62	 Y-OFS-1704-F-61 - 90° (1) Male OFS (2) O-Ring Flange Code 61	 Y-OFS-1704-F-62 - 90° (1) Male OFS (2) O-Ring Flange Code 62
(520101)  Y-OFS-2403 - Str. (1)(2) Male OFS Union	 Y-OFS-2404 - Str. (1) Male OFS (2) Male Pipe	 Y-OFS-2406 - Str. Reducer (1) Fem. OFS (2) Male OFS	 Y-OFS-2406-BLK - Str. BLANK (1) Fem. OFS (2) Male OFS	 Y-OFS-2407 - Str. Reducer Less Nut (1) Fem. OFS (2) Male OFS	(520109)  Y-OFS-2408 (1) Male OFS Plug
(520201)  Y-OFS-2500-F - 90° (1)(2) Male OFS Union	 Y-OFS-2501-F - 90° (1) Male OFS (2) Male Pipe	 Y-OFS-2503-F - 45° (1) Male OFS (2) Male Pipe	 Y-OFS-2601-F - Tee (1) (2) Male OFS (3) Male Pipe	(520401)  Y-OFS-2603-F - Tee (1)(2)(3) Male OFS Union	 Y-OFS-2605-F - Tee (1)(3) Male OFS (2) Male Pipe
(520501)  Y-OFS-2650-F - Cross (1)(2)(3)(4) Male OFS Union	(520601)  Y-OFS-2700 - Str. (1) Male OFS (2) OFS Bulkhead	 Y-OFS-2700-LN - Str. (1) Male OFS (2) OFS Bulkhead with Locknut	 Y-OFS-2701-F - 90° (1) Male OFS (2) OFS Bulkhead	 Y-OFS-2701-F-LN - 90° (1) Male OFS (2) OFS Bulkhead with Locknut	 Y-OFS-2702-F - 45° (1) Male OFS (2) OFS Bulkhead

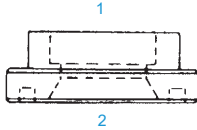
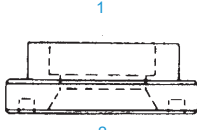
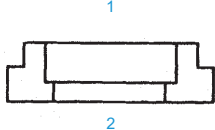
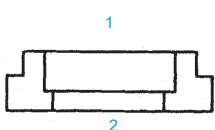
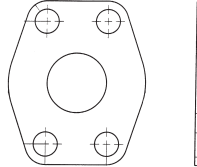
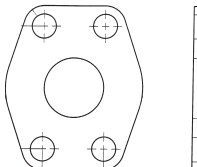
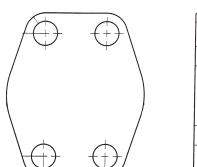
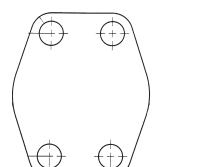
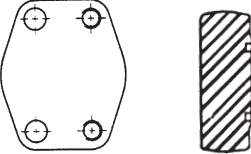
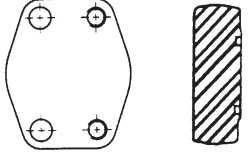
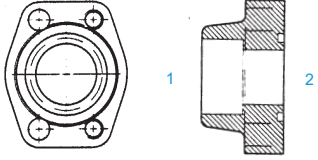
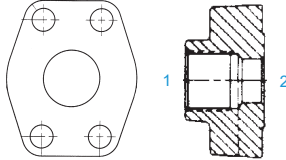
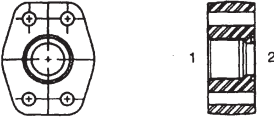
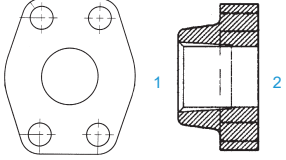
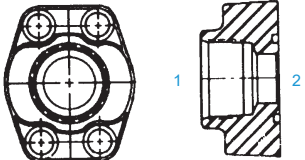
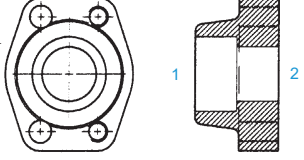
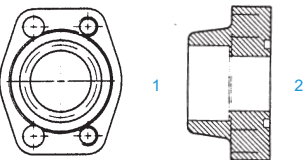
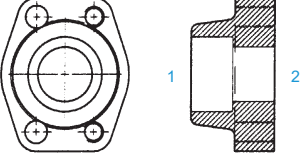
O-RING FACE SEAL

IMPORT O-RING FACE SEAL (continued)

O-RING FACE SEAL

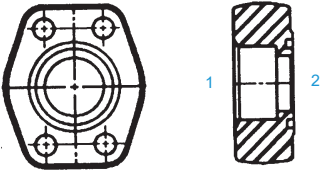
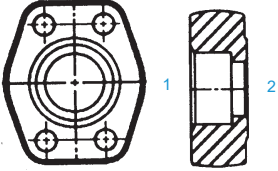
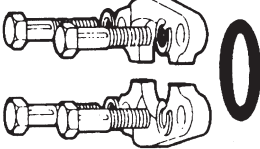
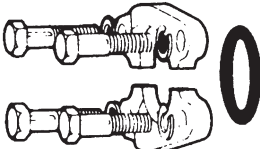
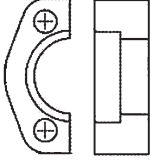
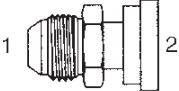
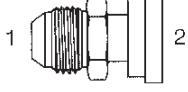
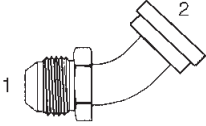
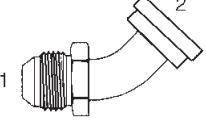
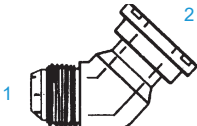
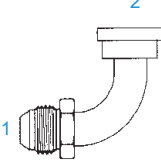
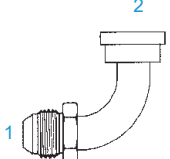
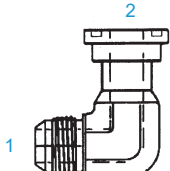
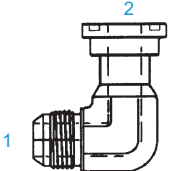
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 Y-OFS-2706-LN - Str. (1) Male OFS Bulkhead w/locknut (2) Male Pipe	 Y-OFS-2711-LN - Str. (1) OFS Bulkhead with Locknut (2) Male O-Ring	 Y-OFS-4000	 Y-OFS-4000-V	 Y-OFS-6400-O - Str. (1) Male OFS (2) Male O-Ring	 Y-OFS-6400-L-O - Str. (1) Male OFS (2) Male O-Ring-Long
 OFS-6402-O - Str. (1) Fem. OFS Swivel (2) Male O-Ring	 Y-OFS-6500-F - 90° (1) Male OFS (2) Fem. OFS Swivel	 Y-OFS-6502-F - 45° (1) Male OFS (2) Fem. OFS Swivel	 Y-OFS-6504 - Str. (1) Male OFS (2) Fem. OFS Swivel	 Y-OFS-6505 - Str. (1) Fem. OFS Swivel (2) Male Pipe	 Y-OFS-6514 - Str. (1) Fem. OFS Swivel (2) Fem. O-Ring
 Y-OFS-6565 - Str. (1)(2) Fem. OFS Swivel	 Y-OFS-6600-F - Tee (1)(2) Male OFS (3) Fem. OFS Swivel	 Y-OFS-6602-F - Tee (1)(3) Male OFS (2) Fem. OFS Swivel	 Y-OFS-6801-F-NWO - 90° (1) Male OFS (2) Adj. O-Ring	 Y-OFS-6801-F-L-NWO - 90° (1) Male OFS (2) Adj. O-Ring-Long	 Y-OFS-6801-F-LL-NWO - 90° (1) Male OFS (2) Adj. O-Ring-Ex. Long
 Y-OFS-6802-F-NWO - 45° (1) Male OFS (2) Adj. O-Ring	 Y-OFS-6803-F-NWO - Tee (1)(2) Male OFS (3) Adj. O-Ring	 Y-OFS-6804-F-NWO - Tee (1)(3) Male OFS (2) Adj. O-Ring	 Y-OFS-6809-F-NWO - 90° (1) Fem. OFS Swivel (2) Adj. O-Ring	 Y-OFS-FJIC-6500-F - 90° (1) Male OFS (2) Fem. JIC Swivel	 Y-OFS-FJIC-6504 - Str. (1) Male OFS (2) Fem. JIC Swivel
 Y-OFS-MJIC-2403 - Str. (1) Male OFS (2) Male JIC	 Y-OFS-MJIC-6504 - Str. (1) Fem. OFS Swivel (2) Male JIC	 Y-OFS-SPO-2287 - Str. (1) Steel Push On (2) Fem. OFS Swivel	 Y-OFS-SPO-2305 - 45° (1) Steel Push On (2) Fem. OFS Swivel	 Y-OFS-SPO-2306 - 90° (1) Steel Push On (2) Fem. OFS Swivel	 Y-OFS-SPO-2306-LL - 90° (1) Steel Push On (2) Fem. OFS Swivel - Ex. Long

Import Flange Adapters

 Y-SF-3300-61 (1) (2) Braze Flange Code 61	 Y-SF-3300-62 (1) (2) Braze Flange Code 62	 Y-SF-3301-61 (1) Braze (2) Flat Face Flange Code 61	 Y-SF-3301-62 (1) Braze (2) Flat Face Flange Code 62
 Y-SF-61-CP Connector Plate Code 61	 Y-SF-62-CP Connector Plate Code 62	 Y-SF-61-SP Shipping Plate Code 61	 Y-SF-62-SP Shipping Plate Code 62
 Y-SF-P61 (1) Flange Plug	 Y-SF-P62 (1) Flange Plug	 Y-SF-W36K Blanking Flange - with O-ring Groove Drilled Holes - O-Ring Kit Code 61	 Y-SF-W38K Blanking Flange - with O-ring Groove Drilled Holes - O-Ring Kit Code 62
 Y-SF-W43K (1) Fem. Pipe (2) Flange - with O-ring Groove Drilled Holes - O-Ring Kit Code 61	 Y-SF-W104 (1) Fem. NPTF Thread (2) Flange - Tapped Holes Companion to Y-SF-W43K Code 61	 Y-SF-W44K (1) Fem. Pipe (2) Flange - with O-ring Groove Drilled Holes - O-Ring Kit Code 62	 Y-SF-W45 (1) Fem. Pipe (2) Flange - Tapped Holes Companion to Y-SF-W44K Code 62
 Y-SF-W46K (1) SAE Internal Straight Thread (2) Flange - with O-ring Groove Drilled Holes - O-Ring Kit Code 61	 Y-SF-W106 (1) SAE Internal Straight Thread (2) Flange - Tapped Holes Companion to Y-SF-W46K Code 61	 Y-SF-W48K (1) SAE Internal Straight Thread (2) Flange - with O-ring Groove Drilled Holes - O-Ring Kit Code 62	 Y-SF-W49 (1) SAE Internal Straight Thread (2) Flange - Tapped Holes Companion to Y-SF-W48K Code 62

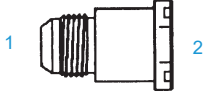
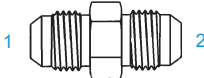
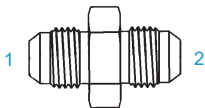
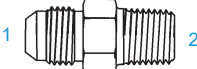
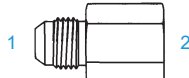
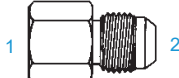
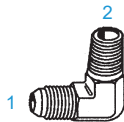
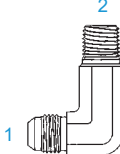
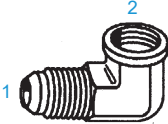
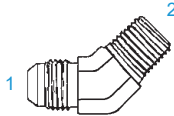
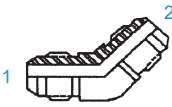
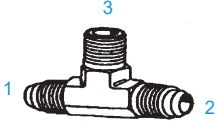
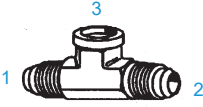
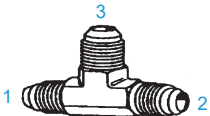
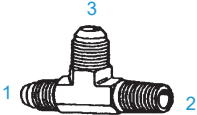
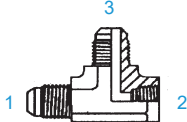
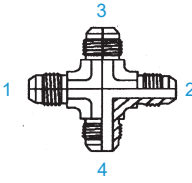
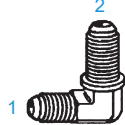
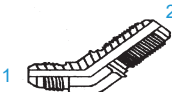
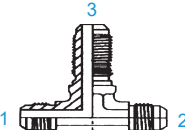
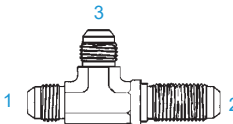
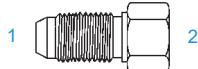
FLANGE ADAPTERS

IMPORT FLANGE ADAPTERS (continued)

 Y-SF-W4K (1) Flat Socket Weld Pipe (2) Flange - with O-ring Groove Drilled Holes - O-Ring Kit Code 61	 Y-SF-W61 (1) Flat Socket Weld Pipe (2) Flange - Tapped Holes Companion to Y-SF-W4K Code 61	 Y-SFK-61 Split Flange Kit Code 61	 Y-SFK-62 Split Flange Kit Code 62
 Y-SFK-62-CAT Caterpillar Flange Kit Comes with bolts and O-Ring Code 62	 Y-1700-61 - Str. (1) Male 37° (2) O-Ring Flange Code 61	 Y-1700-62 - Str. (1) Male 37° (2) O-Ring Flange Code 62	 Y-1703-61 - 45° Bent Tube (1) Male 37° (2) O-Ring Flange Code 61
 Y-1703-62 - 45° Bent Tube (1) Male 37° (2) O-Ring Flange Code 62	 Y-1703-F-61 - 45° Forged (1) Male 37° (2) O-Ring Flange Code 61	 Y-1703-F-62 - 45° Forged (1) Male 37° (2) O-Ring Flange Code 62	 Y-1704-61 - 90° Bent Tube (1) Male 37° (2) O-Ring Flange Code 61
 Y-1704-62 - 90° Bent Tube (1) Male 37° (2) O-Ring Flange Code 62	 Y-1704-F-61 - 90° Forged (1) Male 37° (2) O-Ring Flange Code 61	 Y-1704-F-62 - 90° Forged (1) Male 37° (2) O-Ring Flange Code 62	

Import Stainless Steel Adapters

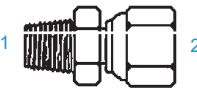
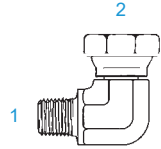
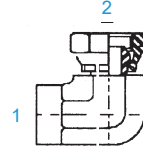
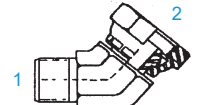
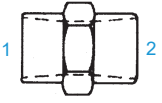
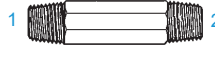
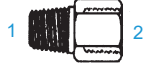
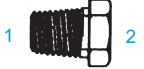
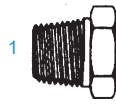
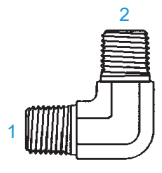
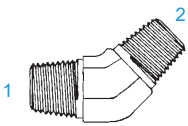
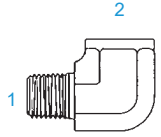
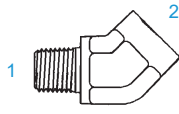
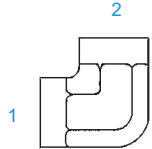
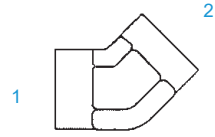
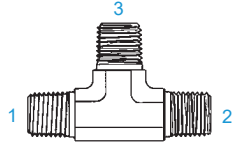
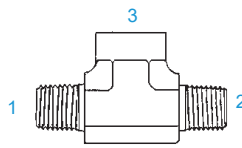
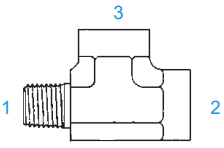
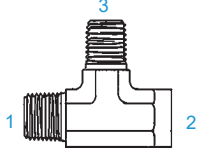
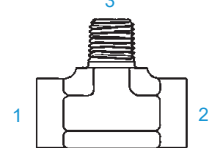
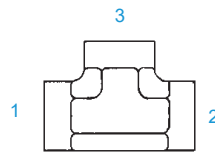
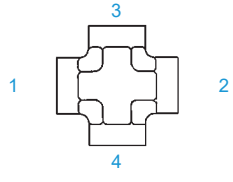
TUBE FITTINGS, JIC - S.A.E.

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Tube O.D.	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1	1-1/4	1-1/2	2
Straight Thread	5/16-24	3/8-24	7/16-20	1/2-20	9/16-18	3/4-16	7/8-14	1 1/16-12	1 3/16-12	1 5/16-12	1 5/8-12	1 7/8-12	2 1/2-12
Pipe Thread Std.	1/8-27	1/8-27	1/8-27	1/8-27	1/4-18	3/8-18	1/2-14	3/4-14	3/4-14	1-11 1/2	1 1/4-11 1/2	1 1/2-11 1/2	2-11 1/2
													
Y-SS-0304-C Cap Nut	Y-SS-0306 Bulkhead Lock Nut	Y-SS-0318 37° Nut	Y-SS-0319 37° Sleeve	Y-SS-1700-61 - Str. (1) Male 37° (2) O-Ring Flange									
													
Y-SS-2403 - Str. (1)(2) Male 37° Union	Y-SS-2403-LH - Str. (1)(2) Male 37° Union Large Hex	Y-SS-2404 - Str. (1) Male 37° (2) Male Pipe	Y-SS-2405 - Str. (1) Male 37° (2) Fem. Pipe	Y-SS-2406 - Str. Reducer & Expander (1) Fem. 37° (2) Male 37°									
													
Y-SS-2408 (1) Male 37° Plug	Y-SS-2500 - 90° (1)(2) Male 37°	Y-SS-2501 - 90° (1) Male 37° (2) Male Pipe	Y-SS-2501-L - 90° (1) Male 37° (2) Male Pipe Long	Y-SS-2502 - 90° (1) Male 37° (2) Fem. Pipe									
													
Y-SS-2503 - 45° (1) Male 37° (2) Male Pipe	Y-SS-2504 - 45° (1)(2) Male 37°	Y-SS-2601 - Tee (1)(2) Male 37° (3) Male Pipe	Y-SS-2602 - Tee (1)(2) Male 37° (3) Fem. Pipe	Y-SS-2603 - Tee (1)(2)(3) Male 37°									
													
Y-SS-2605 - Tee (1)(3) Male 37° (2) Male Pipe	Y-SS-2606 - Tee (1)(3) Male 37° (2) Fem. Pipe	Y-SS-2650 - Cross (1)(2)(3)(4) Male 37°	Y-SS-2700 - Str. (1) Male 37° (2) Male 37° Bulkhead	Y-SS-2701 - 90° (1) Male 37° (2) Male 37° Bulkhead									
													
Y-SS-2702 - 45° (1) Male 37° (2) Male 37° Bulkhead	Y-SS-2703 - Tee (1)(2) Male 37° (2) Male 37° Bulkhead	Y-SS-2704 - Tee (1)(3) Male 37° (2) Male 37° Bulkhead	Y-SS-2705 - Str. (1) Male 37° Bulkhead (2) Fem. Pipe	Y-SS-2706 - Str. (1) Male 37° Bulkhead (2) Male Pipe									

STAINLESS STEEL

PIPE FITTINGS

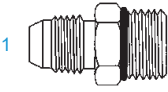
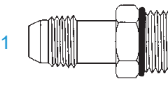
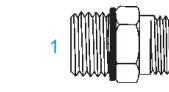
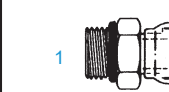
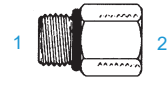
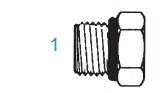
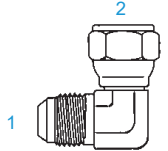
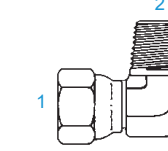
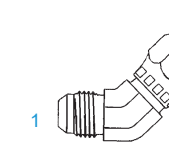
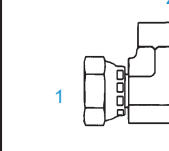
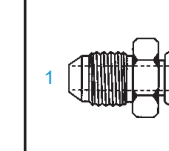
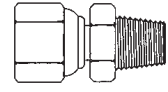
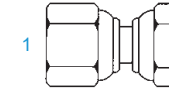
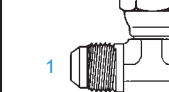
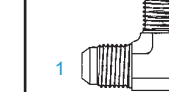
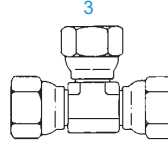
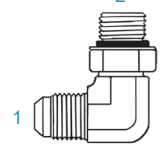
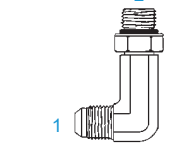
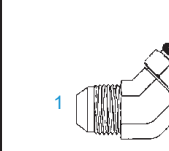
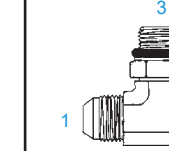
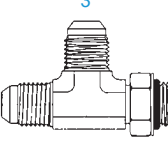
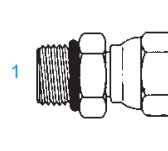
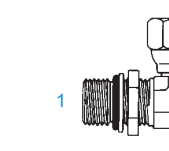
Dash Number	2	4	6	8	12	16	20	24	32
Pipe Thread Std. NPSM - NPTF	1/8-27	1/4-18	3/8-18	1/2-14	3/4-14	1-11 1/2	1 1/4-11 1/2	1 1/2-11 1/2	2-11 1/2

 Y-SS-1404 - Str. (1) Male Pipe (2) Fem. Pipe Swivel	 Y-SS-1405 - Str. (1) Fem. Pipe (2) Fem. Pipe Swivel	 Y-SS-1501 - 90° (1) Male Pipe (2) Fem. Pipe Swivel	 Y-SS-1502 - 90° (1) Fem. Pipe (2) Fem. Pipe Swivel	 Y-SS-1503 - 45° (1) Male Pipe (2) Fem. Pipe Swivel
 Y-SS-5000 - Str. (1)(2) Fem. Pipe	 Y-SS-5404 - Str. (1)(2) Male Pipe	 Y-SS-5404-N - Str. Nipple (1)(2) Male Pipe	 Y-SS-5405 - Str. Reducer & Expander (1) Male Pipe (2) Fem. Pipe	 Y-SS-5406 - Str. Bushing (1) Male Pipe (2) Fem. Pipe
 Y-SS-5406-C (1) Pipe Cap	 Y-SS-5406-HHP (1) Hollow Hex Pipe Plug	 Y-SS-5406-P (1) Pipe Plug	 Y-SS-5406-SHP (1) Square Head Plug	 Y-SS-5500 - 90° (1)(2) Male Pipe
 Y-SS-5501 - 45° (1)(2) Male Pipe	 Y-SS-5502 - 90° (1) Male Pipe (2) Fem. Pipe	 Y-SS-5503 - 45° (1) Male Pipe (2) Fem. Pipe	 Y-SS-5504 - 90° (1)(2) Fem. Pipe	 Y-SS-5505 - 45° (1)(2) Fem. Pipe
 Y-SS-5600 - Tee (1)(2)(3) Male Pipe	 Y-SS-5601 - Tee (1)(2) Male Pipe (3) Fem. Pipe	 Y-SS-5602 - Tee (1) Male Pipe (2)(3) Fem. Pipe	 Y-SS-5603 - Tee (1)(3) Male Pipe (2) Fem. Pipe	 Y-SS-5604 - Tee (1)(2) Fem. Pipe (3) Male Pipe
 Y-SS-5605 - Tee (1)(2)(3) Fem. Pipe	 Y-SS-5652 - Cross (1)(2)(3)(4) Fem. Pipe			

STAINLESS STEEL

ADJUSTABLE & O-RING FITTINGS

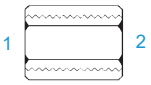
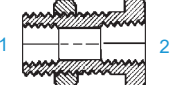
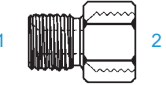
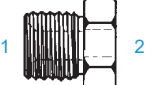
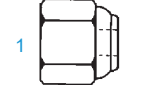
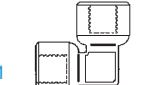
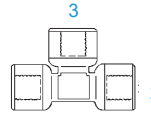
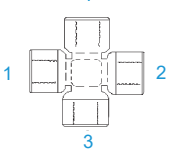
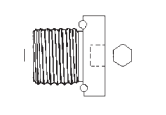
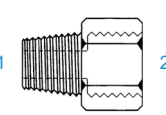
(Refer to Tube Fittings, "JIC-SAE" Chart for sizes)

 Y-SS-6400-O - Str. (1) Male 37° (2) Male O-Ring	 Y-SS-6400-L-O - Str. (1) Male 37° - Long (2) Male O-Ring	 Y-SS-6401-O - Str. (1) Male O-Ring (2) Male Pipe	 Y-SS-6402-O - Str. (1) Male O-Ring (2) 37° Fem. Swivel	 Y-SS-6404 - Str. (1) Fem. O-Ring (2) Male Pipe
 Y-SS-6405-O - Str. (1) Male O-Ring (2) Fem. Pipe	 Y-SS-6408-O - Str. (1) Male O-Ring Plug	 Y-SS-6408-HHP-O Hollow Hex O-Ring Plug	 Y-SS-6410-O - Str. (1) Male O-Ring (2) Fem. O-Ring	 Y-SS-6464-NWO - Str. (1) Male O-Ring (2) Adj. O-Ring
 Y-SS-6500 - 90° (1) Male 37° (2) 37° Fem. Swivel	 Y-SS-6501 - 90° (1) 37° Fem. Swivel (2) Male Pipe	 Y-SS-6502 - 45° (1) Male 37° (2) 37° Fem. Swivel	 Y-SS-6503 - 90° (1) 37° Fem. Swivel (2) Fem. Pipe	 Y-SS-6504 - Str. (1) Male 37° (2) 37° Fem. Swivel
 Y-SS-6505 - Str. (1) 37° Fem. Swivel (2) Male Pipe	 Y-SS-6506 - Str. (1) 37° Fem. Swivel (2) Fem. Pipe	 Y-SS-6565 - Str. (1)(2) 37° Fem. Swivel	 Y-SS-6600 - Tee (1)(2) Male 37° (3) 37° Fem. Swivel	 Y-SS-6602 - Tee (1)(3) Male 37° (2) 37° Fem. Swivel
 Y-SS-6606 - Tee (1)(2)(3) 37° Fem. Swivel	 Y-SS-6801-NWO - 90° (1) Male 37° (2) Adj. O-Ring	 Y-SS-6801-L-NWO - 90° (1) Male 37° (2) Adj. O-Ring - Long	 Y-SS-6802-NWO - 45° (1) Male 37° (2) Adj. O-Ring	 Y-SS-6803-NWO - Tee (1)(2) Male 37° (3) Adj. O-Ring
 Y-SS-6804-NWO - Tee (1)(3) Male 37° (2) Adj. O-Ring	 Y-SS-6900-O - Str. (1) Male O-Ring (2) Fem. Pipe Swivel	 Y-SS-6901-NWO - 90° (1) Adj. O-Ring (2) Fem. Pipe Swivel		

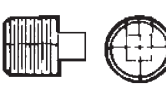
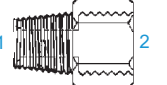
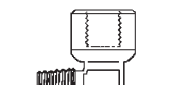
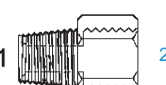
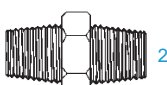
STAINLESS STEEL

BRASS FITTING & ADAPTERS

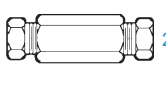
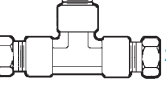
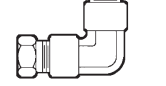
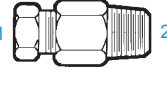
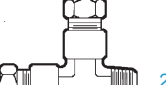
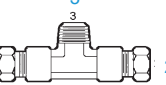
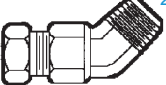
BRASS BRITISH PARALLEL PIPE FITTINGS

 B-BPP-5000 - Str. (1)(2) Fem. BPP	 B-BPP-5000-BH - Str. (1)(2) Fem. BPP w/ Lock Nut	 B-BPP-5404 - Str. (1) (2) Male BPP	 B-BPP-5405 - Str. (1) Male BPP (2) Fem. BPP	 B-BPP-5406 - Bushing (1) Male BPP (2) Fem. BPP	 B-BPP-5406-C (1) BPP Cap	 B-BPP-5504 - 90° (1)(2) Fem. BPP
 B-BPP-5605 - Tee (1)(2)(3) Fem. BPP	 B-BPP-5652 - Cross (1)(2)(3)(4) Fem. BPP	 B-BPP-6408-HHP-EO (1) BPP Hollow Hex Plug	 B-BPP-MP-5405 - Str. (1) Male NPT Pipe (2) Fem. BPP			

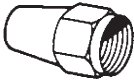
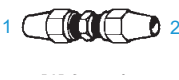
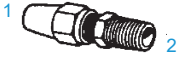
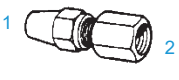
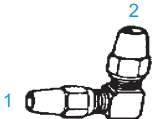
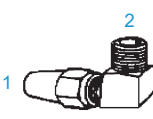
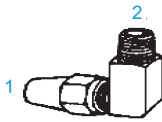
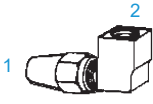
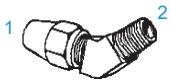
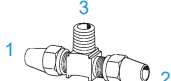
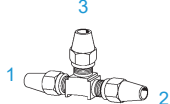
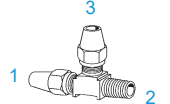
BRASS BRITISH STANDARD TAPER FITTINGS

 B-BST-5404 - Str. (1)(2) Male BST	 B-BST-5406-HHP (1) BST Hollow Hex Plug	 B-BST-5406-P (1) BST Plug	 B-BST-5406-SHP (1) BST Square Head Plug	 B-BST-5500 - 90° (1)(2) Male BST	 B-BST-5600 - Tee (1)(2)(3) Male BST	 B-BST-FBPP-5405 - Str. (1) Male BST (2) Fem. BPP
 B-BST-FBPP-5406 - Str. Bushing (1) Male BST (2) Fem. BPP	 B-BST-FBPP-5502-90° (1) Male BST (2) Fem. BPP	 B-BST-FBPP-5602 -Tee (1) Male BPP (2)(3) Fem. BPP	 B-BST-FBPP-5604 -Tee (1) (2) Fem. BPP (3) Male BST	 B-BST-FP-5405 -Str. (1) Male BST (2) Fem. Pipe	 B-BST-MP-5404 -Str. (1) Male BST (2) Male Pipe	

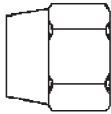
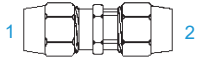
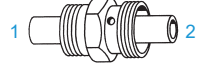
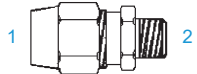
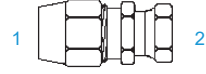
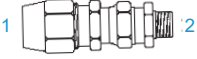
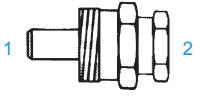
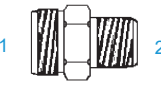
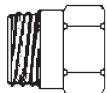
BRASS IMPERIAL HIGH DUTY FITTINGS

 B-IE-72-LB Bulkhead Union (1) (2) Tube	 B-IE-81-LB Nut	 B-IE-82-LB - Union (1) (2) Tube	 B-IE-84-LB - Union Tee (1) (2) (3) Tube	 B-IE-85-LB - Union Elbow (1) (2) Tube	 B-IE-86-LB - Str. (1) Tube (2) Fem. Pipe	 B-IE-88-LB - Connector (1) Tube (2) Male Pipe
 B-IE-89-LB - 90° (1) Tube (2) Male Pipe	 B-IE-90-LB - 90° (1) Tube (2) Fem. Pipe	 B-IE-91-LB - Tee (1) (3) Tube (2) Male Pipe	 B-IE-92-LB - Tee (1) (2) Tube (3) Male Pipe	 B-IE-94-LB - 45° (1) Tube (2) Male Pipe	 B-IE-95-LB - Tee (1) (2) Tube (3) Fem. Pipe	 B-IE-99-LB (1) Plug

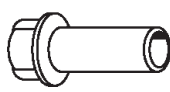
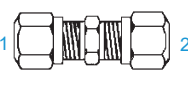
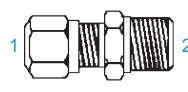
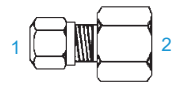
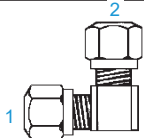
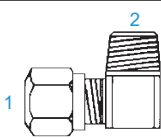
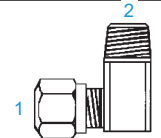
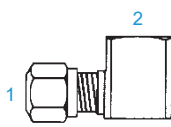
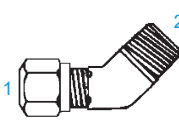
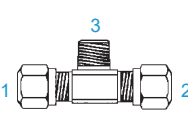
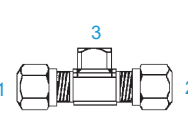
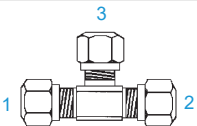
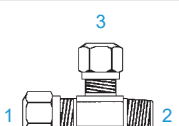
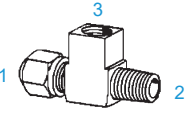
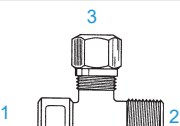
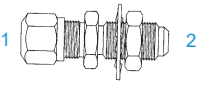
BRASS AIR BRAKE - COPPER TUBING

						
BAB-C-0318 - Nut	BAB-C-0319 - Sleeve	BAB-C-2403 - Str. (1)(2) Air Brake Union	BAB-C-2404 - Str (1) Air Brake (2) Male Pipe	BAB-C-2405 - Str. (1) Air Brake (2) Fem. Pipe	BAB-C-2500 - 90° (1)(2) Air Brake	BAB-C-2501 - 90° (1) Air Brake (3) Male Pipe
						
BAB-C-2501-L - 90° (1) Air Brake (2) Male Pipe - Long	BAB-C-2502 - 90° (1) Air Brake (2) Fem. Pipe	BAB-C-2503 - 45° (1) Air Brake (2) Male Pipe	BAB-C-2601 - Tee (1) (2) Air Brake (3) Male Pipe	BAB-C-2603 - Tee (1)(2)(3) Air Brake	BAB-C-2605 - Tee (1)(3) Air Brake (2) Male Pipe	BAB-C-2700-LN - Str. (1) Air Brake (2) Bulkhead Air Brake

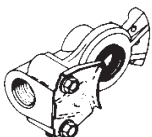
BRASS AIR BRAKE - HOSE END

						
BAB-HE-0318 - Nut	BAB-HE-0319 - Sleeve	BAB-HE-2403 - Str. (1)(2) Hose End Union	BAB-HE-2403-BO - Str. Body Only (1)(2) Hose End Union	BAB-HE-2404 - Str. (1) Hose End (2) Male Pipe	BAB-HE-2404-BO - Str. (1) Hose End (2) Male Pipe	BAB-HE-2405 - Str. (1) Hose End (2) Fem. Air Brake Swivel
						
BAB-HE-2405-A - Str. (1) Hose End (2) Fem. Air Brake Swivel w/ Adapter	BAB-HE-2405-BO - Str. Body Only (1) Hose End (2) Fem. Air Brake Swivel	BAB-HE-2411 - Str. (1) Male Air Brake (2) Male Pipe	BAB-HE-SG-0318 - Nut for Spring Guard	BAB-HE-SG-0318A Nut w/ Spring Guard	BAB-HE-SG Spring Guard	BAB-HE-SG-2404 -Str. (1) Hose End w/Spring Guard (2) Male Pipe

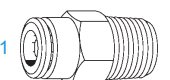
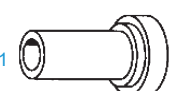
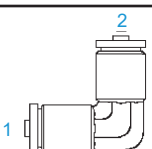
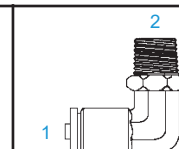
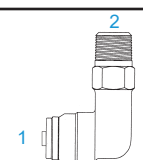
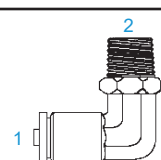
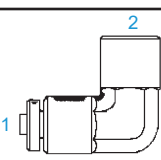
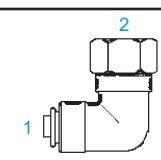
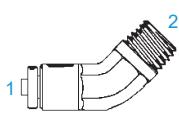
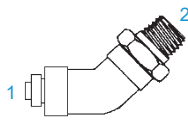
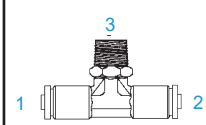
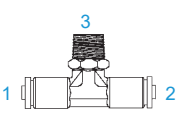
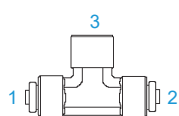
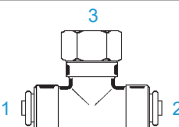
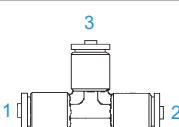
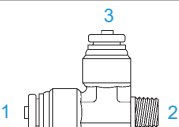
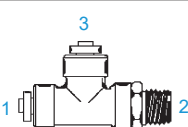
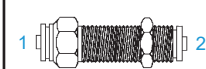
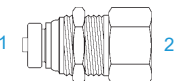
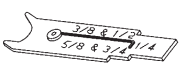
BRASS AIR BRAKE - NYLON TUBING

						
BAB-N-0318 - Nut	BAB-N-0319 - Sleeve	BAB-N-0363 - Insert	BAB-N-0370 Gauge Ring	BAB-N-2403 - Str. (1)(2) Air Brake Union	BAB-N-2404 - Str. (1) Air Brake (2) Male Pipe	BAB-N-2405 - Str. (1) Air Brake (2) Fem. Pipe
						
BAB-N-2500 - 90° (1)(2) Air Brake	BAB-N-2501 - 90° (1) Air Brake (2) Male Pipe	BAB-N-2501-L - 90° (1) Air Brake (2) Male Pipe Long	BAB-N-2502 - 90° (1) Air Brake (2) Fem. Pipe	BAB-N-2503 - 45° (1) Air Brake (2) Male Pipe	BAB-N-2601 - Tee (1)(2) Air Brake (3) Male Pipe	BAB-N-2602 - Tee (1) (2) Air Brake (3) Fem. Pipe
						
BAB-N-2603 - Tee (1)(2)(3) Air Brake Union	BAB-N-2605 - Tee (1) (3) Air Brake (2) Male Pipe	BAB-N-2611 - Tee (1) Air Brake (2) Male Pipe (3) Fem. Pipe	BAB-N-2613 (1) Air Brake (2) Male Pipe (3) Fem. Pipe	BAB-N-2700-LN - Str. (1) Air Brake (2) Bulkhead Air Brake	BAB-N-BF-2700-LN - Str. (1) Air Brake (2) Bulkhead Male 45°	

BRASS AIR BRAKE ACCESSORIES

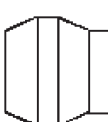
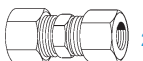
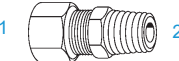
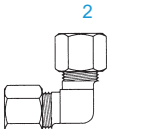
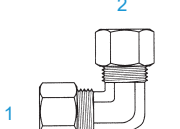
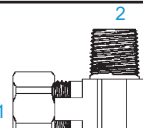
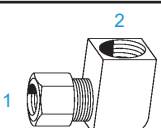
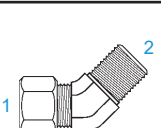
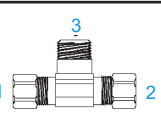
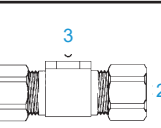
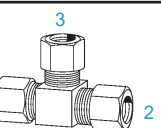
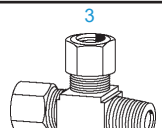
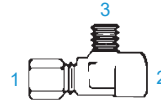
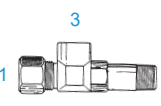
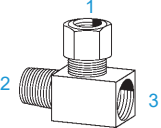
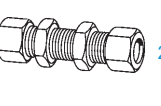
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BRASS PUSH CONNECT - DOT APPROVED

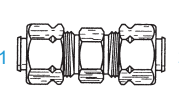
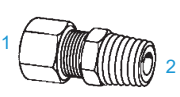
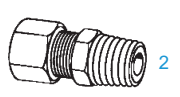
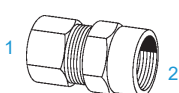
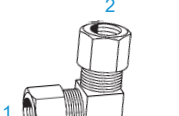
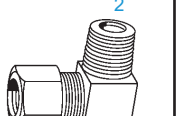
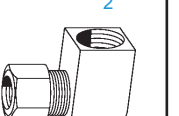
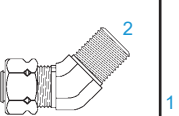
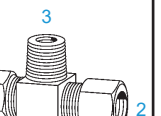
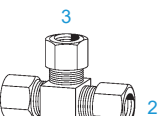
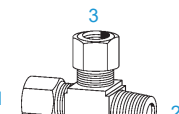
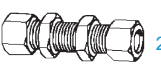
 BPC-DOT-2161 - Encapsulated Cartridge (1) Tube	 BPC-DOT-2403 - Union (1)(2) Union	 BPC-DOT-2404 - Str. (1) Tube (2) Male Pipe	 BPC-DOT-2405 - Str. (1) Tube (2) Fem. Pipe	 BPC-DOT-2408 - Str. (1) Plug	 BPC-DOT-2500 - 90° (1)(2) Tube Union	 BPC-DOT-2501 - 90° (1) Tube (2) Male Pipe
 BPC-DOT-2501-L - 90° (1) Tube (2) Male Pipe - Long	 BPC-DOT-2501-S - 90° (1) Tube (2) Male Pipe Swivel	 BPC-DOT-2502 - 90° (1) Tube (2) Fem. Pipe	 BPC-DOT-2502-S - 90° (1) Tube (2) Fem. Pipe Swivel	 BPC-DOT-2503 - 45° (1) Male Tube (2) Male Pipe	 BPC-DOT-2503-S - 45° (1) Male Tube (2) Male Pipe Swivel	 BPC-DOT-2601 - Tee (1)(2) Tube (3) Male Pipe
 BPC-DOT-2601-S - Tee (1)(2) Tube (3) Male Pipe Swivel	 BPC-DOT-2602 - Tee (1)(2) Tube (3) Fem. Pipe	 BPC-DOT-2602-S - Tee (1)(2) Tube (3) Fem. Pipe Swivel	 BPC-DOT-2603 - Tee (1)(2)(3) Tube Union	 BPC-DOT-2605 - Tee (1)(3) Tube (3) Male Pipe	 BPC-DOT-2605-S - Tee (1)(3) Tube (3) Male Pipe Swivel	 BPC-DOT-2700-LN - Str. (1) Tube (2) Bulkhead Tube
 BPC-DOT-2705-LN - Str. (1) Bulkhead Tube (2) Fem. Pipe	 BPC-DOT-TOOL Collett Service Tool					

BRASS FITTINGS

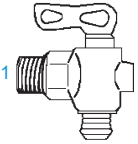
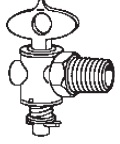
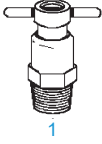
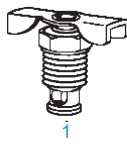
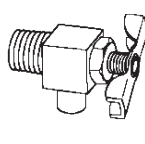
BRASS COMPRESSION

 BC-0304 - C Cap	 BC-0306 Bulkhead Lock Nut	 BC-0318 Compression Nut	 BC-0319 Compression Sleeve	 BC-0319-DELRI Compression Sleeve	 BC-0320 Compression Plug	 BC-0363 Brass Insert
 BC-2403 - Str. (1)(2) Compression Union	 BC-2404 - Str. (1) Compression (2) Male Pipe	 BC-2404-CV - Str. (1) Compression (2) Male Pipe Check Valve	 BC-2404-TC - Str. (1) Compression (2) Male Pipe-Drilled thru Tank Connector	 BC-2405 - Str. (1) Compression (2) Fem. Pipe	 BC-2500 - 90° (1)(2) Compression Union	 BC-2500-F - 90° Forged (1)(2) Compression Union
 BC-2501 - 90° (1) Compression (2) Male Pipe	 BC-2502 - 90° (1) Compression (2) Fem. Pipe	 BC-2503 - 45° (1) Compression (2) Male Pipe	 BC-2601 - Tee (1)(2) Compression (3) Male Pipe	 BC-2602 - Tee (1)(2) Male Compression (3) Fem. Pipe	 BC-2603 - Tee (1)(2)(3) Compression	 BC-2605 - Tee (1)(3) Compression (2) Male Pipe
 BC-2608 - Tee (1) Compression (2) Fem. Pipe (3) Male Pipe	 BC-2611 (1) Compression (2) Male Pipe (3) Fem. Pipe	 BC-2613 - Tee (1) Compression (2) Male Pipe (3) Fem. Pipe	 BC-2700-LN - Str. (1) Compression (2) Bulkhead Compression			

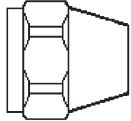
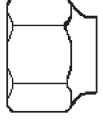
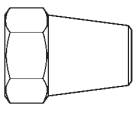
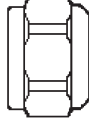
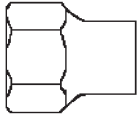
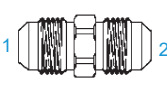
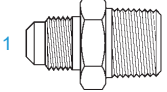
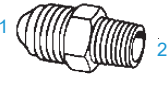
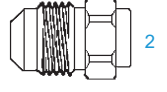
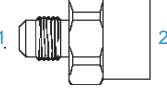
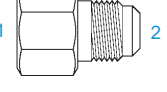
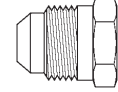
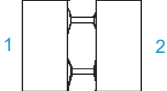
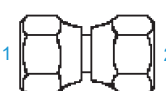
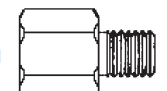
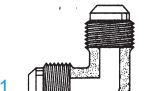
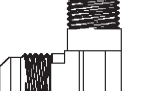
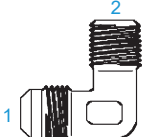
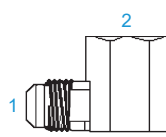
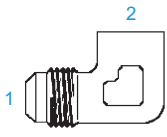
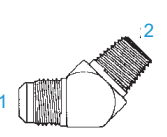
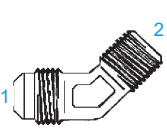
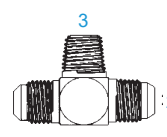
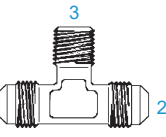
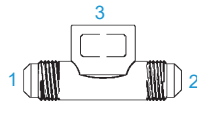
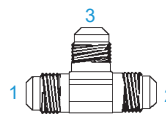
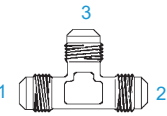
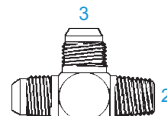
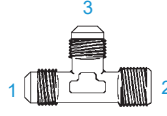
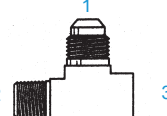
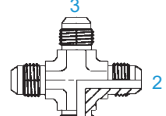
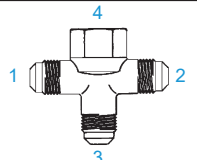
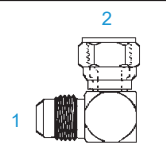
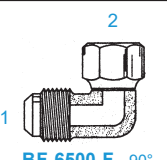
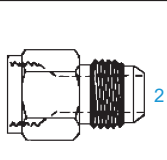
BRASS COMPRESSION SELF ALIGN

 BC-SA-0304 - C Cap Nut	 BC-SA-0318 Self Align Nut	 BC-SA-0319 Self Align Sleeve	 BC-SA-0320 - Self Align Captive Nut and Sleeve	 BC-SA-2403 - Str. (1)(2) Compression Union	 BC-SA-2404 - Str. (1) Compression (2) Male Pipe	 BC-SA-2404-CV - Str. (1) Compression (2) Male Check Valve
 BC-SA-2405 - Str. (1) Compression (2) Fem. Pipe	 BC-SA-2500 - 90° (1)(2) Compression Union	 BC-SA-2501 - 90° (1) Compression (2) Male Pipe	 BC-SA-2502 - 90° (1) Compression (2) Fem. Pipe	 BC-SA-2503 - 45° (1) Compression (2) Male Pipe	 BC-SA-2601 - Tee (1)(2) Compression (3) Male Pipe	 BC-SA-2603 - Tee (1)(2)(3) Compression Union
 BC-SA-2605 - Tee (1)(3) Compression (2) Male Pipe	 BC-SA-2700-LN - Str. (1) Compression (2) Bulkhead Compression					

BRASS DRAIN COCKS

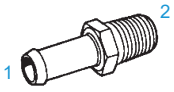
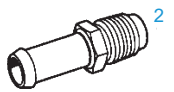
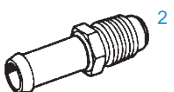
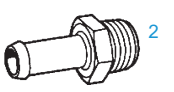
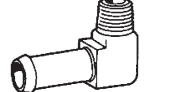
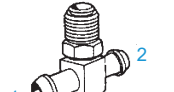
						
BDC-601 - Str. (30 PSI) (1) Male Pipe	BDC-601-HP - Str. (150 PSI) (1) Male Pipe	BDC-603 - Internal Seat (1) Male Pipe	BDC-604 - External Seat (1) Male Pipe	BDC-606 - External Seat (1) Male Pipe	BDC-607 - Bib Drain (1) Male Pipe	BDC-612 - Air Vent (1) Male Pipe

BRASS 45° FLARE

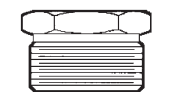
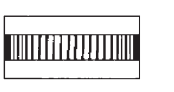
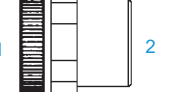
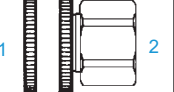
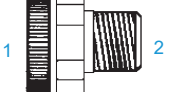
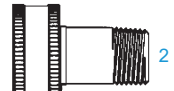
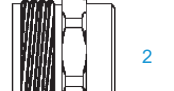
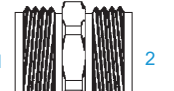
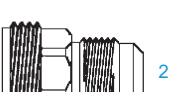
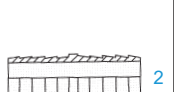
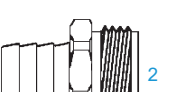
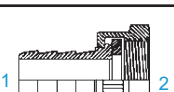
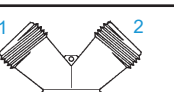
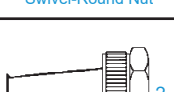
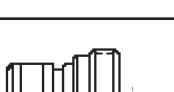
						
BF-0302 Short Nut	BF-0302-F Forged Short Nut	BF-0304 Standard Nut	BF-0304-C Cap Nut	BF-0304-F Forged Standard Nut	BF-0463 Copper Gasket	BF-0464 Copper Bonnet
						
BF-2403 - Str. (1)(2) Male 45° Union	BF-2404 - Str. (1) Male 45° (2) Male Pipe	BF-2404-CV - Ball Check Valve (1) Male 45° (2) Male Pipe	BF-2404-SW - Sweat On (1) Male 45° (2) Sweat On	BF-2405 - Str. (1) Male 45° (2) Fem. Pipe	BF-2406 - Str. Reducer & Expander (1) Fem. 45° (2) Male 45°	BF-2408 - Str. (1) Male 45° Plug
						
BF-2424 - Str. (1)(2) Fem. 45° Union	BF-2424-S - Str. (1)(2) Fem. 45° Swivel Union	BF-2465 - Str. (1) Fem. 45° (2) Male Pipe	BF-2496 - 90° (1) Male 45° (2) Fem. 45°	BF-2500 - 90° (1)(2) Male 45° Union	BF-2500-F - 90° (Forged) (1)(2) Male 45° Union	BF-2501 - 90° (1) Male 45° (2) Male Pipe
						
BF-2501-F - 90° (Forged) (1) Male 45° (2) Male Pipe	BF-2502 - 90° (1) Male 45° (2) Fem. Pipe	BF-2502-F - 90° (Forged) (1) Male 45° (2) Fem. Pipe	BF-2503 - 45° (1) Male 45° (2) Male Pipe	BF-2503-F - 45° (Forged) (1) Male 45° (2) Male Pipe	BF-2601 - Tee (1)(2) Male 45° (3) Male Pipe	BF-2601-F - Tee (Forged) (1)(2) Male 45° (3) Male Pipe
						
BF-2602-F - Tee (Forged) (1)(2) Male 45° (3) Fem. Pipe	BF-2603 - Tee (1)(2)(3) Male 45° Union	BF-2603-F - Tee (Forged) (1)(2)(3) Male 45° Union	BF-2605 - Tee (1)(3) Male 45° (2) Male Pipe	BF-2605-F - Tee (Forged) (1)(3) Male 45° (2) Male Pipe	BF-2613 - Tee (1) Male 45° (2) Male Pipe (3) Fem. Pipe	BF-2650-F - Cross (Forged) (1)(2)(3)(4) Male 45°
						
BF-2652-F - Cross (Forged) (1)(2)(3) Male 45° (4) Fem. Pipe	BF-6500 - 90° (1) Male 45° (2) 45° Fem. Swivel	BF-6500-F - 90° (Forged) (1) Male 45° (2) 45° Fem. Swivel	BF-MJ-2406 - Str. (1) Fem. 45° SAE (5/8-18) (2) Male 37° (9/16-18)			

BRASS FITTINGS

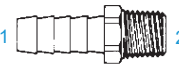
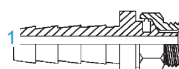
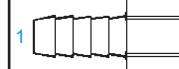
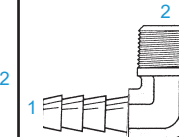
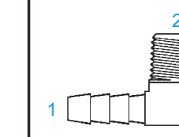
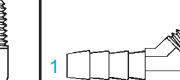
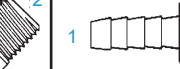
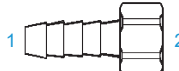
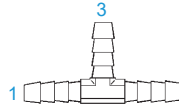
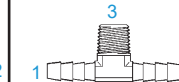
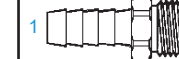
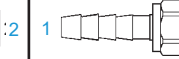
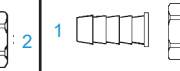
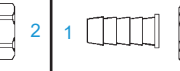
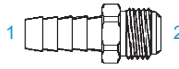
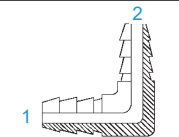
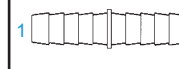
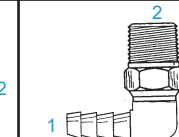
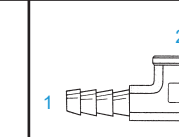
BRASS FUEL LINE

 BFL-800 - Str. (1) Hose Bead (2) Male Pipe	 BFL-801 - Str. (1) Hose Bead (2) Male Inv. Flare	 BFL-802 - Str. (1) Hose Bead (2) Male 45° Flare	 BFL-803 - Str. (1) Hose Bead (2) Straight Thread w/Gasket	 BFL-804 - 90° (1) Hose Bead (2) Male Pipe	 BFL-805 - 90° (1) Hose Bead (2) Male Inv. Flare Swivel	 BFL-806 - Tee (1) (2) Hose Barb (3) Male Inv. Flare Swivel
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BRASS GARDEN HOSE

 BGH-4106-P - Str. (1) Male Garden Hose Plug	 BGH-4166 - Garden Hose Washer	 BGH-4318-H Garden Hose Hex Nut	 BGH-4318-K Garden Hose Nut-Knurled	 BGH-4501 - Str. (1) Fem. Garden Hose Rigid (2) Fem. Pipe	 BGH-4502 - Str. (1) Fem. Garden Hose Swivel (2) Fem. Pipe	 BGH-4503 - Str. (1) Fem. Garden Hose Rigid (2) Male Pipe
 BGH-4503-L - Str. (1) Fem. Garden Hose Rigid (2) Male Pipe	 BGH-4504 - Str. (1) Fem. Garden Hose Swivel (2) Male Pipe	 BGH-4505 - Str. (1)(2) Fem. Garden Hose Rigid	 BGH-4506 - Str. (1)(2) Fem. Garden Hose Swivel	 BGH-4507 - Str. (1) Male Garden Hose (2) Fem. Pipe	 BGH-4508 - Str. (1) Male Garden Hose (2) Male Pipe	 BGH-4509 - Str. (1)(2) Male Garden Hose Union
 BGH-4510 - Str. (1) Fem. Garden Hose Rigid (2) Male 45° Flare	 BGH-4511 - Str. (1) Fem. Garden Hose Swivel (2) Male 45° Flare	 BGH-4512 - Str. (1) Male Garden Hose (2) Male 45° Flare	 BGH-4513 - Str. (1) Fem. Garden Hose Cap	 BGH-4514 (1) Garden Hose Cap (2) 8" Chain	 BGH-4578 (1)(2) Garden Hose Mender	 BGH-4585 - Str. (1) Short Hose Barb (2) Male Garden Hose
 BGH-4586 - Str. (1) Short Hose Barb (2) Fem. Garden Hose Swivel-Round Nut	 BGH-4588 - Str. (1) Short Hose Barb (2) Fem. Garden Hose Swivel-Hex Nut	 BGH-4590 - Str. (1) Hose Barb (2) Male Garden Hose	 BGH-4591 - Str. (1) Hose Barb (2) Fem. Garden Hose Swivel	 BGH-4593 - Str. (1) Long Hose Barb (2) Male Garden Hose	 BGH-4594 - Str. (1) Long Hose Barb (2) Fem. Garden Hose Swivel	 BGH-4686 - Y (1)(2) Male Garden Hose (3) Fem. Garden Hose Rigid
 BGH-4700 - Str. (1) 2.5" Brass Nozzle (2) Fem. Garden Hose Swivel	 BGH-4701 - Str. (1) Crossed Pattern Thinner 3" Brass Nozzle (2) Fem. Garden Hose Swivel	 BGH-4800 - One Way Ball Valve (1) Male Garden Hose (2) Fem. Garden Hose	 B-QC-1690 (1) Socket (2) Fem. Garden Hose	 B-QC-1691 (1) Plug (2) Male Garden Hose		

BRASS HOSE BARB

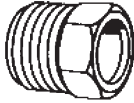
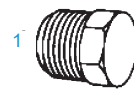
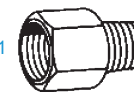
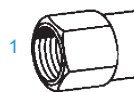
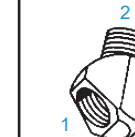
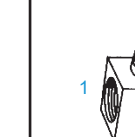
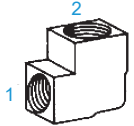
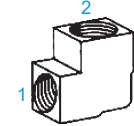
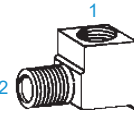
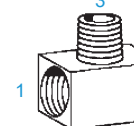
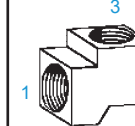
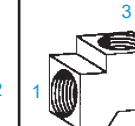
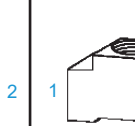
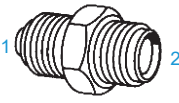
 BHB-3102 - Str. (1) Hose Barb (2) Male Pipe	 BHB-3103 - Str. (1) Hose Barb (2) Male Pipe Swivel	 BHB-3104 - Str. (1) Hose Barb (2) Fem. Pipe Rigid	 BHB-3109 - 90° (1) Hose Barb (2) Male Pipe	 BHB-3109-BSK Bar Stock (1) Hose Barb (2) Male Pipe	 BHB-3110 - 45° (1) Hose Barb (2) Male Pipe	 BHB-3124 - Str. (1) Hose Barb (2) Fem. Pipe Swivel Ball Seat
 BHB-3126 - Str. (1) Hose Barb (2) Fem. Pipe Swivel Gasket Seat	 BHB-3133 - Tee (1)(2)(3) Hose Barb	 BHB-3134 - Tee (1)(2) Hose Barb (3) Male Pipe	 BHB-3142 - Str. (1) Hose Barb (2) Male 45° Flare	 BHB-3143 - Str. (1) Hose Barb (2) Fem. Dual Seat Swivel (45°/37°)	 BHB-3144 - Str. (1) Hose Barb (2) Fem. 45° Swivel	 BHB-3145 - Str. (1) Hose Barb (2) Fem. 37° Swivel
 BHB-3146 - Str. (1) Hose Barb (2) Male 37° Flare	 BHB-3177 - 90° (1)(2) Hose Barb	 BHB-3178 - Str. (1)(2) Hose Barb Splicer	 BHB-3193 - 90° (1) Hose Barb (2) Male Pipe Swivel	 BHB-3194 - 90° (1) Hose Barb (2) Fem. Pipe	 BHB-3290 - Str. (1) Hose Barb (2) Male Inverted Flare Swivel	

STANDARD INVERTED FLARE TUBE AND THREAD SIZE

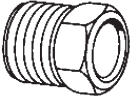
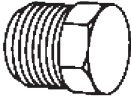
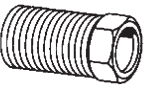
Dash	2	3	4	5	6	7	8	10	12	14	16
Tube Size	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Thread Size	5/16-28	3/8-24	7/16-24	1/2-20	5/8-18	11/16-18	3/4-18	7/8-18	1 1/16-16	1 3/16-16	1 5/16-16

BRASS INVERTED FLARE

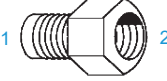
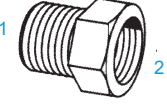
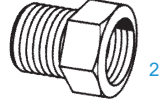
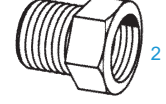
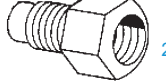
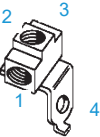
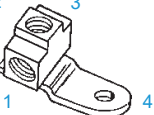
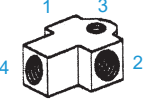
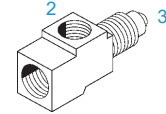
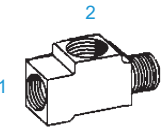
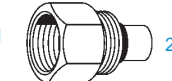
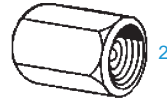
BRASS FITTINGS

 BIF-100 - Str. Brass Inv. Flare Nut	 BIF-131 - Str. (1) Brass Inv. Flare Plug	 BIF-202 - Str. (1) Fem. Inv. Flare (2) Male Pipe	 BIF-252 - Str. (1) Fem. Inv. Flare (2) Fem. Pipe	 BIF-302 - Str. (1)(2) Fem. Inv. Flare Union	 BIF-352 - 45° (1) Fem. Inv. Flare (2) Male Pipe	 BIF-402 - 90° (1) Fem. Inv. Flare (2) Male Pipe
 BIF-452 - 90° (1) Fem. Inv. Flare (2) Fem. Pipe	 BIF-502 - 90° (1)(2) Fem. Inv. Flare Union	 BIF-552 - Tee (1) Fem. Inv. Flare (2) Male Pipe (3) Fem. Pipe	 BIF-602 - Tee (1)(2) Fem. Inv. Flare (3) Male Pipe	 BIF-652 - Tee (1)(2) Fem. Inv. Flare (3) Fem. Pipe	 BIF-702 - Tee (1)(2)(3) Fem. Inv. Flare Union	 BIF-752 - Tee (1)(3) Fem. Inv. Flare (2) Male Pipe
 BIF-2404 - Str. (1) Male 45° Flare (2) Male Inv. Flare						

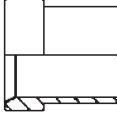
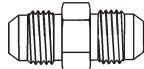
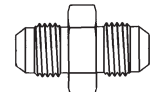
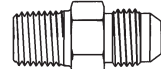
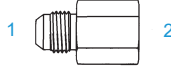
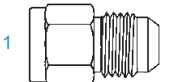
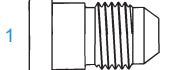
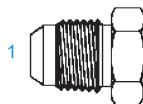
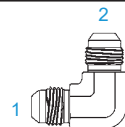
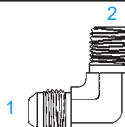
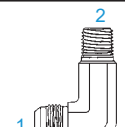
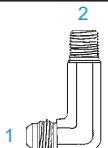
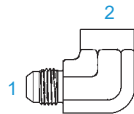
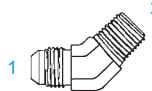
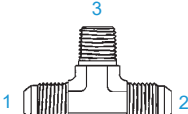
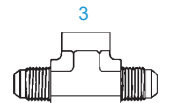
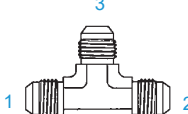
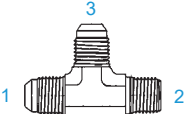
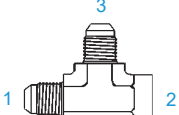
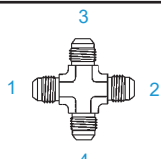
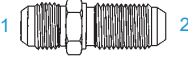
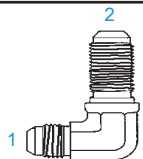
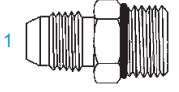
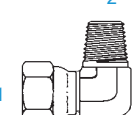
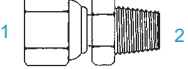
STEEL INVERTED FLARE

						
SIF-105 - Str. Steel Inv. Flare Nut	SIF-131 - Str. Steel Inv. Flare Plug	SIF-7896 - Str. Steel Inverted Long Flare Nut	SIF-2404 - Str. - Steel (1) Male 37° Flare (2) Male Inv. Flare	SIF-2404-LH - Long Hex (1) Male 37° Flare (2) Male Inv. Flare	SIF - Transmission Oil Coolant Line Adapter	

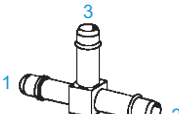
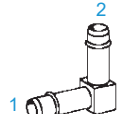
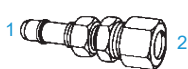
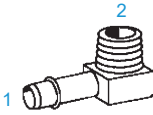
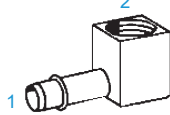
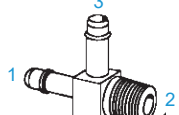
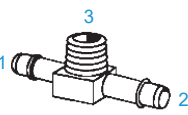
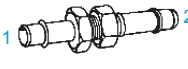
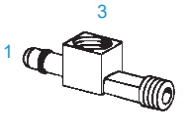
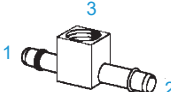
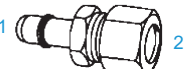
BRASS INVERTED FLARE BRAKE

						
Dual Master Cylinder Adapter Type 1 (1) Male Inv. Flare (2) Fem. Inv. Flare	Dual Master Cylinder Adapter Type 2 (1) Male Inv. Flare (2) Fem. Inv. Flare	Dual Master Cylinder Adapter Type 3 (1) Male Straight Thread (2) Fem. Inv. Flare	Dual Master Cylinder Adapter Type 4 (1) Male Pipe (2) Fem. Inv. Flare	Dual Master Cylinder Adapter Type 5 (1) Male Bubble Thread (2) Fem. Inv. Flare	Metric Adapter Type 1 (1) Male Bubble Thread (2) Tube O.D./ Fem. Thread	Metric Adapter Type 2 (1) Male Inv. Flare (2) Tube O.D./ Fem. Thread
						
Strap Tee Assembly Type 1 (1)(2)(3) Fem. Inverted Seat (4) Bolt Hole	Strap Tee Assembly Type 2 (1)(2)(3) Fem. Inverted Seat (4) Bolt Hole	Brake Adapter (1) Inverted Seat (2) Bolt Hole	Rear Axle Tee (1) (2) Inverted Seat (3) Bolt Hole (4) Hose End Port	Adapter Standard to Metric Bubble Type 1 (1) Male Inch Size Bubble Flare Thread (2) Fem. Inverted Seat	Adapter Standard to Metric Bubble Type 2 (1) Male Metric Size Bubble Flare Metric Thread (2) Fem. Inverted Seat	Metric Towed Trailer Brake Tee (1) Fem. Bubble Flare (2) Fem. Inverted Flare (3) Male Bubble Flare
						
Towed Trailer Brake Tee (1)(2) Fem. Inv. Flare (3) Male Inv. Flare	Metric Power Steering Adapter (1) Fem. Inv. Bump Tube (2) Male Metric	BIF-7975 - Metric Union (1)(2) Fem. Bubble Flare				

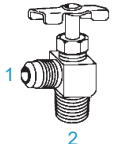
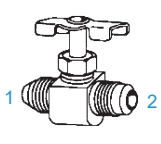
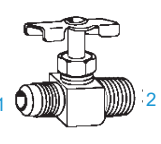
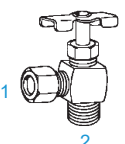
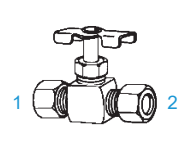
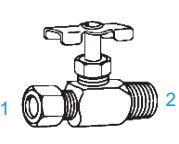
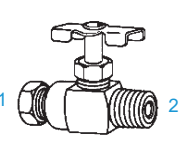
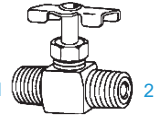
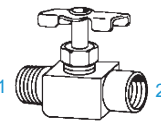
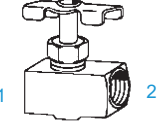
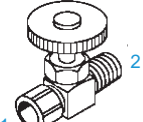
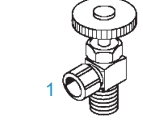
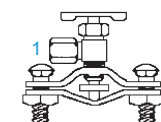
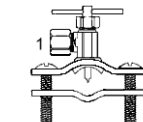
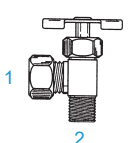
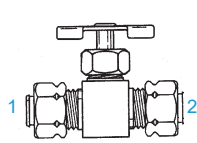
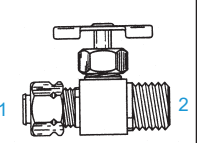
BRASS JIC

						
BJ-0304-C Cap Nut	BJ-0306 Bulkhead Lock Nut	BJ-0318 37° Nut	BJ-0319 37° Sleeve	BJ-2403 - Str. (1)(2) Male 37° Union	BJ-2403-LH - Str. (1)(2) Male 37° Union Large Hex	BJ-2404 - Str. (1) Male 37° (2) Male Pipe
						
BJ-2405 - Str. (1) Male 37° (2) Fem. Pipe	BJ-2406 - Str. (1) Fem. 37° (2) Male 37°	BJ-2407 - Str. Reducer Less Nut (1) 37° Fem. (2) Male 37°	BJ-2408 - Str. (1) Male 37° Plug	BJ-2500 - 90° (1)(2) Male 37° Union	BJ-2501 - 90° (1) Male 37° (2) Male Pipe	BJ-2501-L - 90° Long Male Pipe (1) Male 37° (2) Male Pipe
						
BJ-2501-LL - 90° Extra Long Male Pipe (1) Male 37° (2) Male Pipe	BJ-2502 - 90° (1) Male 37° (2) Fem. Pipe	BJ-2503 - 45° (1) Male 37° (2) Male Pipe	BJ-2601 - Tee (1)(2) Male 37° (3) Male Pipe	BJ-2602 - Tee (1)(2) Male 37° (3) Fem. Pipe	BJ-2603 - Tee (1)(2)(3) Male 37° Union	BJ-2605 - Tee (1)(3) Male 37° (2) Male Pipe
						
BJ-2606 - Tee (1)(3) Male 37° (2) Fem. Pipe	BJ-2650 - Cross (1)(2)(3)(4) Male 37°	BJ-2700 - Str. (1) Male 37° (2) Bulkhead	BJ-2701 - 90° (1) Male 37° (2) Bulkhead Tube	BJ-6400-O - Str. (1) Male 37° (2) Male O-Ring	BJ-6501 - 90° (1) 37° Fem. Swivel (2) Male Pipe	BJ-6505 - Str. (1) 37° Fem. Swivel (2) Male Pipe

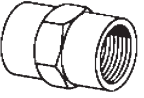
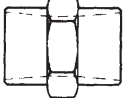
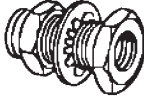
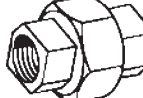
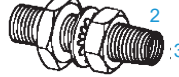
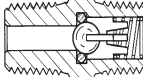
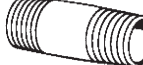
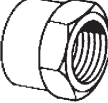
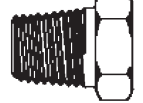
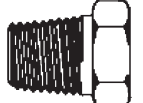
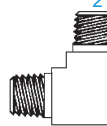
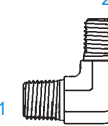
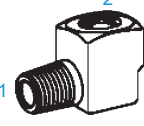
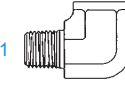
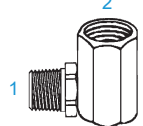
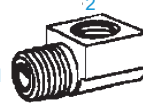
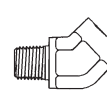
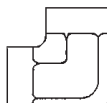
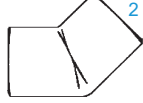
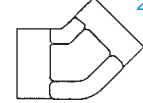
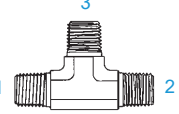
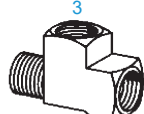
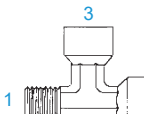
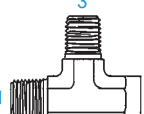
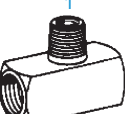
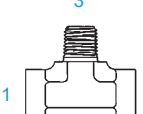
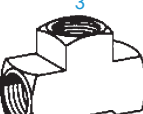
BRASS MINI BARB

						
BMB-1062 - Str. (1)(2) Mini Barb Union	BMB-1062-L - Str. (1)(2) Long Mini Barb Union	BMB-1064 - Tee (1)(2)(3) Mini Barb Union	BMB-1065 - 90° (1)(2) Mini Barb Union	BMB-1066 - Str. (1) Mini Barb (2) Fem. Pipe	BMB-1067 - Str. (1) Mini Barb (2) Bulkhead Compression	BMB-1068 - Str. (1) Mini Barb (2) Male Pipe
						
BMB-1069 - 90° (1) Mini Barb (2) Male Pipe	BMB-1070 - 90° (1) Mini Barb (2) Fem. Pipe	BMB-1071 - Tee (1)(3) Mini Barb (2) Male Pipe	BMB-1072 - Tee (1)(2) Mini Barb (3) Male Pipe	BMB-1073 - Str. (1) Mini Barb Plug	BMB-1074 - Str. (1) Mini Barb (2) Bulkhead Mini Barb	BMB-1075 - Tee (1) Mini Barb (2) Male Pipe (3) Fem. Pipe
						
BMB-1077 - Tee (1)(2) Mini Barb (3) Fem. Pipe	BMB-1078 - Str. (1) Mini Barb (2) Compression	BMB-1079 - Str. (1) Mini Barb (2) Solder Connection				

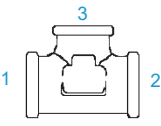
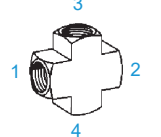
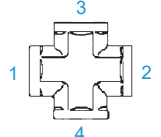
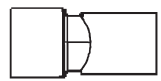
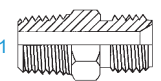
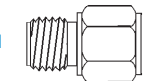
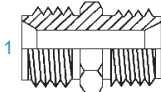
BRASS NEEDLE VALVE

 BNV-101F - 90° (1) Male 45° Flare (2) Male Pipe	 BNV-102F - Str. (1)(2) Male 45° Flare	 BNV-103F - Str. (1) Male 45° Flare (2) Male Pipe	 BNV-104C - 90° (1) Compression (2) Male Pipe	 BNV-105C - Str. (1)(2) Compression	 BNV-106C - Str. (1) Compression (2) Male Pipe	 BNV-106IF - Str. (1) Inv. Flare w/ Nut (2) Male Pipe
 BNV-107P - Str. (1)(2) Male Pipe	 BNV-108P - Str. (1) Male Pipe (2) Fem. Pipe	 BNV-109P - Str. (1)(2) Fem. Pipe	 BNV-311P - Str. (1) Poly Flow (2) Male Pipe	 BNV-312P - 90° (1) Poly Flow (2) Male Pipe	 BNV-K-104C - Steel Saddle Valve Kit (1) Compression	 BNV-KSP-104C - Self Piercing Kit (1) Compression
 BNV-SA-104C - 90° (1) Compression (2) Male Pipe	 BNV-SA-105C - Str. (1)(2) Compression	 BNV-SA-106C - Str. (1) Compression (2) Male Pipe				

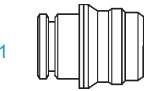
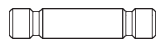
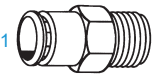
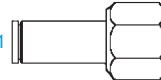
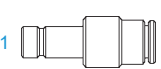
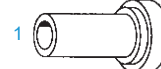
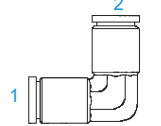
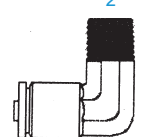
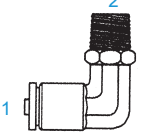
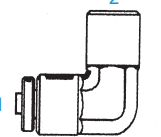
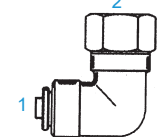
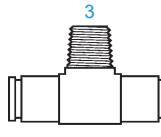
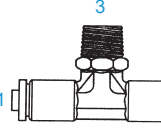
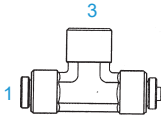
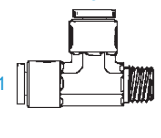
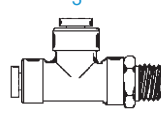
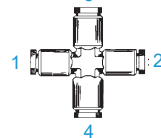
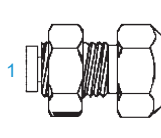
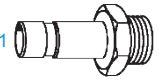
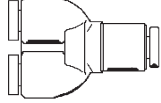
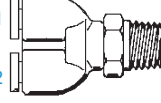
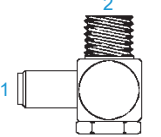
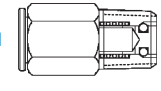
BRASS PIPE

						
BP-0306 - Bulkhead Lock Nut	BP-5000 - Str. (1)(2) Fem. Pipe	BP-5000-CV - Str. Check Valve (1)(2) Fem. Pipe	BP-5000-BH - Str. (1)(2) Fem. Pipe Bulkhead	BP-5000-U - Str. (Union) (1)(2) Fem. Pipe	BP-5000-F-U - Str. (Forged Union) (1)(2) Fem. Pipe	BP-5404 - Str. (1)(2) Male Pipe
						
BP-5404-BH - Str. (1)(2) Male Pipe (3) Fem. Pipe	BP-5404-BV40 - Str. (1)(2) Male Pipe w/ 40 Micron Filter	BP-5404-BV90 - Str. (1)(2) Male Pipe w/ 90 Micron Filter	BP-5404-CL - Str. (1)(2) Close Male Pipe	BP-5404-CV-M - Str. Check Valve w/ Metal to Metal Seat (1)(2) Male Pipe	BP-5404-CV-O - Str. Check Valve w/ O-Ring (1)(2) Male Pipe	BP-5404-N - Str. Nipple (1)(2) Male Pipe
						
BP-5405 - Str. (1) Male Pipe (2) Fem. Pipe	BP-5405-BH - Str. (1) Male Pipe (2) Fem. Pipe Bulkhead	BP-5405-R - Str. Restrictor (1) Male Pipe (2) Fem. Pipe	BP-5405-S - Str. Swivel Adapters (1) Male Pipe (2) Fem. Pipe Swivel	BP-5406 - Str. Bushing (1) Male Pipe (2) Fem. Pipe	BP-5406-BM40 Conical Breather Muffler (1) 40 Micron Filter (2) Male Pipe	BP-5406-BV40 - Str. Breather Vent (1) 40 Micron Filter (2) Male Pipe
						
BP-5406-C - Pipe Cap	BP-5406-FB - (Face Bushing) (1) Male Pipe (2) Fem. Pipe	BP-5406-FS-HHP 7/8 Taper Hex Socket Plug	BP-5406-HHP Hex Socket Plug	BP-5406-P-DRL Drilled Plug (1) Pipe Plug	BP-5406-P-SLD Solid Plug (1) Pipe Plug	BP-5406-SHP Square Head Plug (1) Pipe Plug
						
BP-5406-SPP - Slot Head Pipe Plug (1) Pipe Plug	BP-5406-SSP Square Socket Plug (1) Pipe Plug	BP-5500 - 90° (1)(2) Male Pipe	BP-5500-F - 90° (Forged) (1)(2) Male Pipe	BP-5502 - 90° (1) Male Pipe (2) Fem. Pipe	BP-5502-F - 90° (Forged) (1) Male Pipe (2) Fem. Pipe	BP-5502-S - 90° Swivel (1) Male Pipe (2) Fem. Pipe
						
BP-5502-SB - 90° Short Body (1) Male Pipe (2) Fem. Pipe	BP-5503 - 45° (1) Male Pipe (2) Fem. Pipe	BP-5503-F - 45° (Forged) (1) Male Pipe (2) Fem. Pipe	BP-5504 - 90° (1)(2) Fem. Pipe	BP-5504-F - 90° (Forged) (1) (2) Fem. Pipe	BP-5505 - 45° (1)(2) Fem. Pipe	BP-5505-F - 45° (Forged) (1)(2) Fem. Pipe
						
BP-5600-F - Tee (Forged) (1)(2)(3) Male Pipe	BP-5602 - Tee (1) Male Pipe (2)(3) Fem. Pipe	BP-5602-F - Tee (Forged) (1) Male Pipe (2)(3) Fem. Pipe	BP-5603-F - Tee (Forged) (1)(3) Male Pipe (2) Fem. Pipe	BP-5604 - Tee (1) Male Pipe (2)(3) Fem. Pipe	BP-5604-F - Tee (Forged) (1)(2) Fem. Pipe (3) Male Pipe	BP-5605 - Tee (1)(2)(3) Fem. Pipe

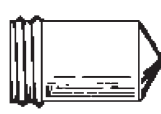
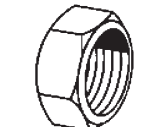
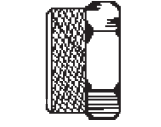
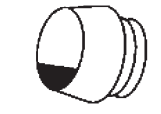
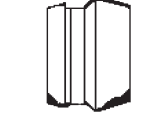
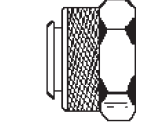
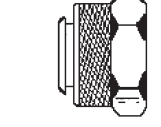
BRASS PIPE

 BP-5605-F - Tee (Forged) (1)(2)(3) Fem. Pipe	 BP-5652 - Cross (1)(2)(3)(4) Fem. Pipe	 BP-5652-F - Cross (Forged) (1)(2)(3)(4) Fem. Pipe	 BP-BJO-8050-BO - 90° Body Only (1) Fem. Pipe (2) Banjo Body	 BP-BS-5172 - Str. (1) Male Pipe (2) Male NPSM Ball Seat	 BP-BS-5174 - Str. (1) Male NPSM Ball Seat (2) Fem. NPTF Taper	 BP-BS-5176 - Str. (1)(2) Male NPSM Ball Seat
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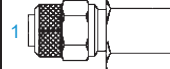
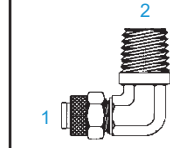
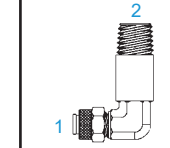
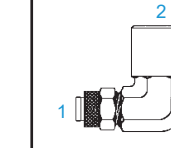
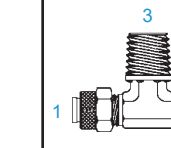
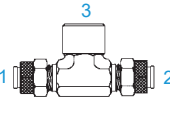
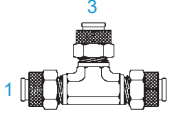
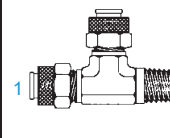
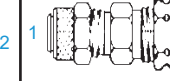
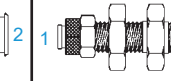
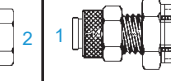
BRASS PUSH CONNECT

 BPC-2161 - Cartridge (1) Tube	 BPC-2323 - Str. (1)(2) Stem Union	 BPC-2403 - Str. (1)(2) Tube Union	 BPC-2404 - Str. (1) Tube (2) Male Pipe	 BPC-2405 - Str. (1) Tube (2) Fem. Pipe	 BPC-2406 - Str. Reducer/Expander (1) Stem (2) Tube	 BPC-2408 - Str. (1) Tube Plug
 BPC-2500 - 90° (1)(2) Tube Union	 BPC-2501 - 90° (1) Tube (2) Male Pipe	 BPC-2501-S - 90° (1) Tube (2) Male Pipe Swivel	 BPC-2502 - 90° (1) Tube (2) Fem. Pipe	 BPC-2502-S - 90° (1) Tube (2) Fem. Pipe Swivel	 BPC-2601 - Tee (1)(2) Tube (3) Male Pipe	 BPC-2601-S - Tee (1)(2) Tube (3) Male Pipe Swivel
 BPC-2602 - Tee (1)(2) Tube (3) Fem. Pipe	 BPC-2603 - Tee (1)(2)(3) Tube Union	 BPC-2605 - Tee (1)(3) Tube (2) Male Pipe	 BPC-2605-S - Tee (1)(3) Tube (2) Male Pipe Swivel	 BPC-2650 - Cross (1)(2)(3)(4) Male Tube	 BPC-2700-LN - Str. (1) Tube (2) Bulkhead Tube	 BPC-2705-LN - Str. (1) Bulkhead Tube (2) Fem. Pipe
 BPC-3102 - Str. (1) Stem (2) Male Pipe	 BPC-4107 - "Y" (1)(2)(3) Tube	 BPC-4108 - "Y" (1)(2) Tube (3) Male Pipe	 BPC-4109 - "Y" (1)(2) Tube (3) Stem	 BPC-4110 - Banjo (1) Tube Bolt (2) Banjo	 BPC-SO-2404 - Str. (1) Tube (2) Male Pipe w/ Shut Off Valve	

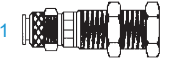
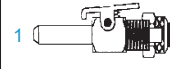
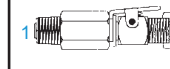
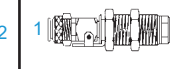
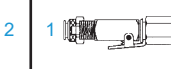
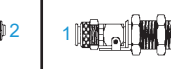
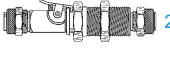
BRASS POLY FITTINGS

 BPF-N-0304-C Cap	 BPF-0306 Bulk-head Nut	 BPF-0318 Brass Nut	 BPF-0319-B Brass Sleeve	 BPF-0319-P Plastic Sleeve	 BPF-0320-B Brass Nut w/ Brass Sleeve Assm.	 BPF-0320-P Brass Nut w/ Plastic Sleeve Assm.
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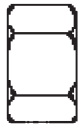
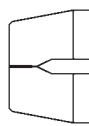
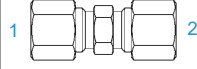
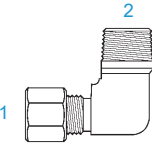
BRASS POLY FITTINGS

 BPF-2403 - Str. (1)(2) Poly Flow Union	 BPF-2404 - Str. (1) Poly Flow (2) Male Pipe	 BPF-2405 - Str. (1) Poly Flow (2) Fem. Pipe	 BPF-2501 - 90° (1) Poly Flow (2) Male Pipe	 BPF-2501-L - 90° (1) Poly Flow (2) Male Pipe Long	 BPF-2502 - 90° (1) Poly Flow (2) Fem. Pipe	 BPF-2601 - Tee (1)(2) Poly Flow (3) Male Pipe
 BPF-2602 - Tee (1)(2) Poly Flow (3) Fem. Pipe	 BPF-2603 - Tee (1)(2)(3) Poly Flow Union	 BPF-2605 - Tee (1)(3) Poly Flow (2) Male Pipe	 BPF-2700-LN - Str. (1) Poly Flow (2) Bulkhead Poly Flow	 BPF-BC-2403 - Str. (1) Poly Flow (2) Brass Compression	 BPF-BC-2700-LN - Str. (1) Poly Flow (2) Bulkhead Compression	 BPF-SO-2404 - Str. (1) Poly Flow (2) Male Pipe w/ Shut Off Valve

BRASS POLY FITTINGS KWIK CONNECT

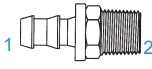
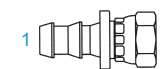
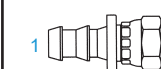
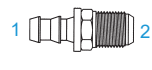
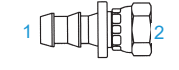
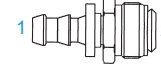
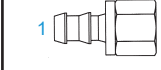
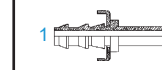
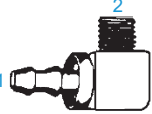
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 BPF-KCD-BO-2000 Insert Double End Shut Off (1) Poly Flow (2) Insert - Valved						

BRASS PRECISION GRIP TRANSMISSION FITTINGS

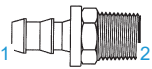
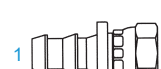
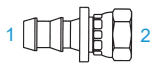
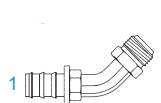
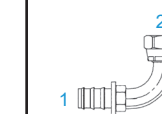
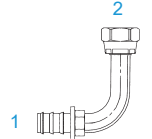
 BPG-0318 - Nut	 BPG-0319 - Sleeve	 BPG-0363 Brass Insert	 BPG-2403 - Str. (1)(2) Precision Grip Union	 BPG-2404 - Str. (1) Precision Grip (2) Male Pipe	 BPG-2501 - 90° (1) Precision Grip (2) Male Pipe	
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BRASS FITTINGS

BRASS PUSH ON

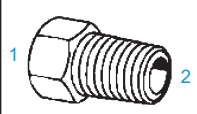
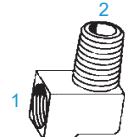
 BPO-2272 - Str. (1) Push On (2) Male Pipe	 BPO-2273 - Str. (1) Push On (2) Male Pipe Swivel	 BPO-2274 - Str. (1) Push On (2) Fem. Pipe Rigid	 BPO-2278 - Str. (1) Push On (2) Fem. Pipe Swivel Ball Seat	 BPO-2280 - Str. (1) Push On (2) Fem. Pipe Swivel Gasket Seat	 BPO-2282 - Str. (1) Push On (2) Male 45° Flare	 BPO-2284 - Str. (1) Hose Barb (2) Fem. 45° Swivel
 BPO-2286 - Str. (1) Push On (2) Male 37° Flare	 BPO-2287 - Str. (1) Push On (2) Fem. Dual Seat Swivel (45° / 37°)	 BPO-2288 - Str. (1) Push On (2) Fem. 37° Swivel	 BPO-2290 - Str. (1) Push On (2) Male Inv. Flare Swivel	 BPO-2292 - Str. (1) Push On (2) Fem. Inv. Flare Rigid	 BPO-2294 - Str. (1) Push On (2) Tube Shank	 BPO-2296 - Str. (1)(2) Hose Splicer
 BPO-2299 - 90° (1) Push On (2) Male Pipe						

STEEL PUSH ON

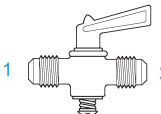
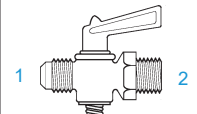
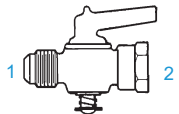
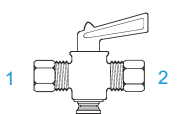
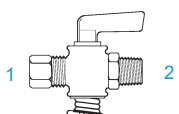
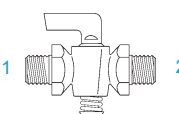
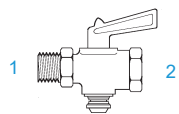
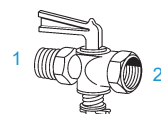
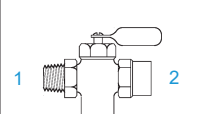
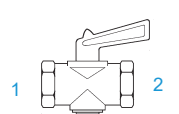
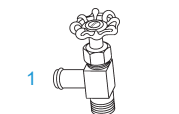
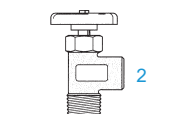
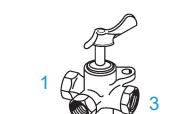
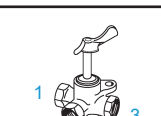
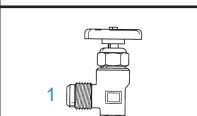
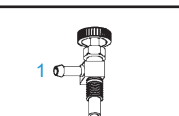
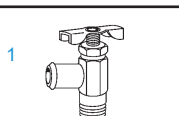
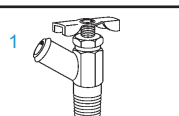
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 SPO-2288 - Str. (1) Push On (2) Fem. 37° Swivel	 SPO-2290 - Str. (1) Push On (2) Male Inv. Flare Swivel	 SPO-2291 - Str. (1) Push On (2) Male Inv. Flare Swivel	 SPO-2293 - Str. (1) Push Onb (2) Male Inv. Flare Swivel	 SPO-2296 - Str. (1)(2) Hose Splicer	 SPO-2305 - 45° (1) Push On (2) Fem. 37° Swivel	 SPO-2306 - 90° (1) Push On (2) Fem. 37° Swivel
 SPO-2306-L - 90° (1) Push On (2) Fem. 37° Swivel - long						

BRASS FITTINGS

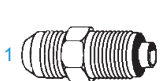
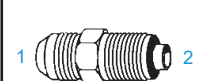
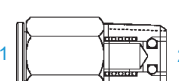
BRASS THREADED SLEEVE

 BTS-6100 - Str. (1) Brass Threaded Sleeve Nut	 BTS-6200 - Str. (1) Fem. Threaded Sleeve (2) Male Pipe	 BTS-6400 - 90° (1) Fem. Threaded Sleeve (2) Male Pipe				
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BRASS VALVE

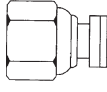
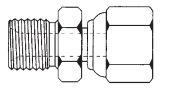
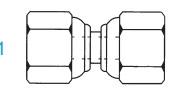
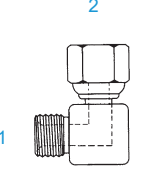
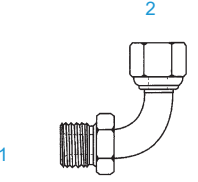
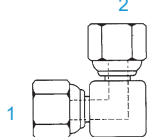
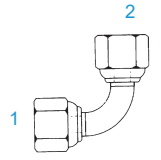
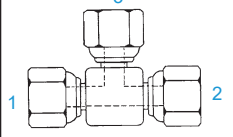
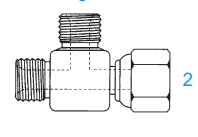
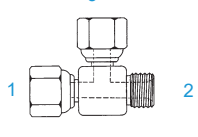
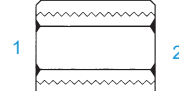
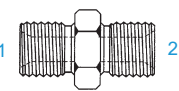
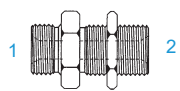
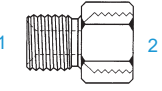
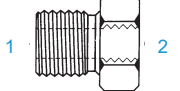
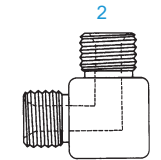
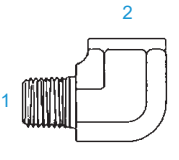
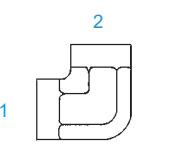
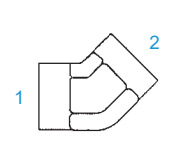
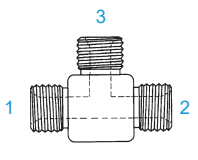
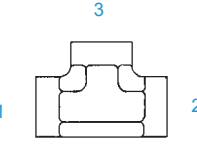
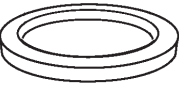
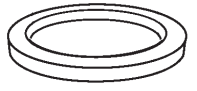
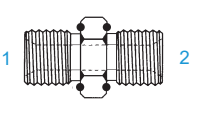
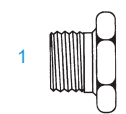
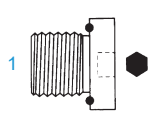
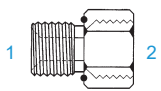
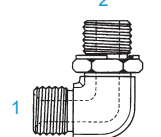
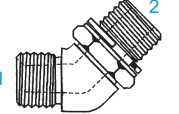
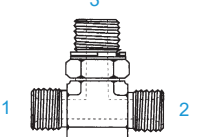
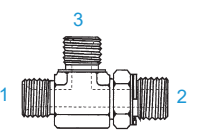
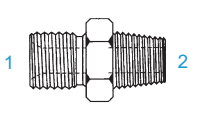
 BV-203F - Str. (1)(2) Male 45° Flare	 BV-204F - Str. (1) Male 45° Flare (2) Male Pipe	 BV-209F - Str. (1) Male 45° Flare (2) Fem. Pipe	 BV-303C - Str. (1)(2) Compression	 BV-304C - Str. (1) Compression (2) Male Pipe	 BV-401P - Str. (1)(2) Male Pipe	 BV-402P - Str. (1) Male Pipe (2) Fem. Pipe
 BV-402P-HP - Str. (125 PSI) (1) Male Pipe (2) Fem. Pipe	 BV-402P-UL - Str. (Marine) (1) Male Pipe (2) Fem. Pipe	 BV-403P - Str. (1)(2) Fem. Pipe	 BV-404P - 90° (150 PSI) (1) Hose (2) Male Pipe	 BV-405P - 90° (150 PSI) (1) Male Pipe (2) Fem. Pipe	 BV-406P - 3 Way (1)(2)(3) Fem. Pipe	 BV-407P - 4 Way (1)(2)(3)(4) Fem. Pipe
 BV-407P-L - 4 Way w/ Long Stem (1)(2)(3)(4) Fem. Pipe	 BV-409F - 90° (1) Male 45° Flare (2) Male Pipe	 BV-6600 - Gasoline Shut-Off w/ Screen Filter (1) Hose (2) Male Pipe	 SV-404P - 90° (150 PSI) (1) Hose (2) Male Pipe	 SV-445P (1) Hose (2) Male Pipe		

BRASS MISCELLANEOUS ADAPTERS

 BBT-2404 - Str. (Brass) (1) Male 37° Flare (2) Male Bump Tube (SAE)	 SBT-2404 - Str. (Steel) (1) Male 37° Flare (2) Male Bump Tube (SAE)	 B-6410-BV (1) Male SAE w/ 40 Micron Bronze Filter	 BPC-SO-2404 - Str. (1) Tube (2) Male Pipe w/ Shut Off Valve	 BF-MJ-2406 - Str. (1) Fem. 45° SAE (5/8-18) (2) Male 37° (9/16-18)	 SF-FJ-2406 - Str. (1) Fem. 37° (9/16-18) (2) Male 45° SAE (5/8-18)	
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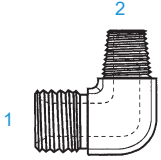
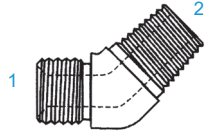
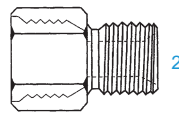
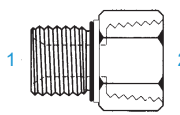
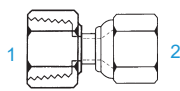
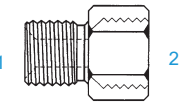
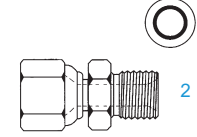
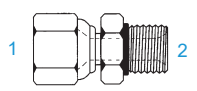
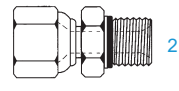
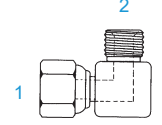
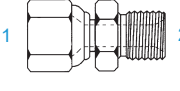
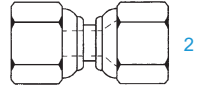
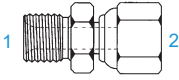
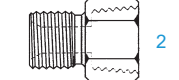
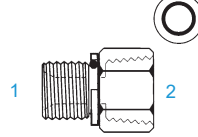
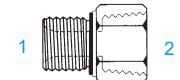
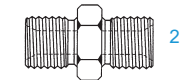
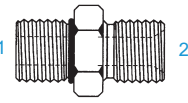
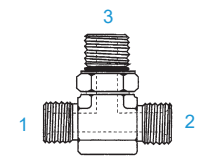
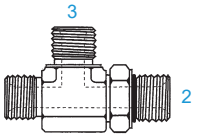
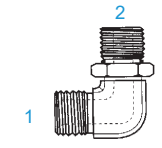
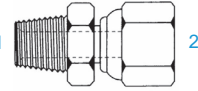
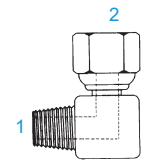
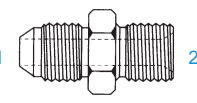
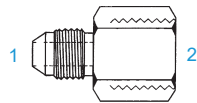
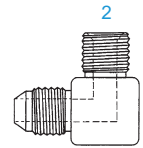
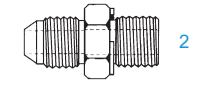
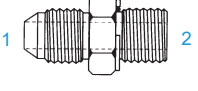
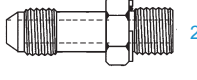
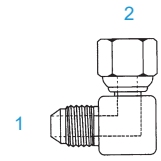
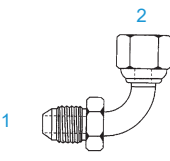
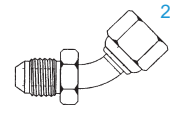
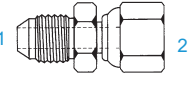
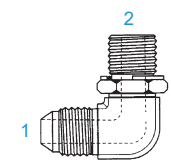
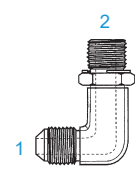
INTERNATIONAL AND CONVERSION ADAPTERS

BRITISH PARALLEL PIPE

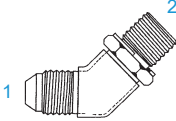
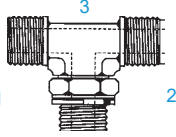
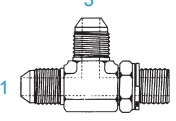
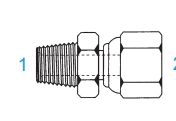
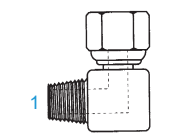
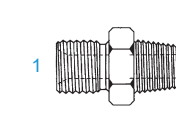
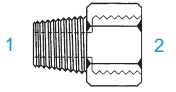
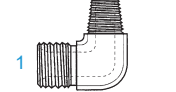
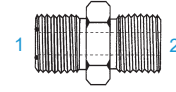
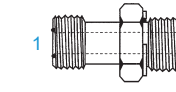
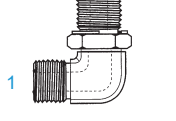
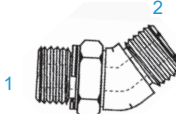
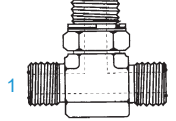
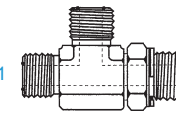
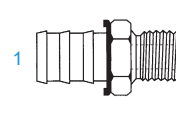
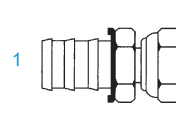
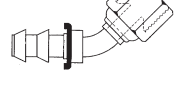
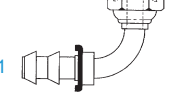
 BPP-0304-C Fem. BPP Swivel Cap	 BPP-0306 Bulkhead Lock Nut	 BPP-1404 - Str. (1) Male BPP (2) Fem. BPP Swivel	 BPP-1406 - Str. (1)(2) Fem. BPP Swivel	 BPP-1501 - 90° (1) Male BPP (2) Fem. BPP Swivel	 BPP-1501-L - 90° (1) Male BPP (2) Fem. BPP Swivel - Long
 BPP-1506 - 90° (1)(2) Fem. BPP Swivel	 BPP-1506-L - 90° (1)(2) Fem. BPP Swivel Long	 BPP-1603 - Tee (1)(2)(3) Fem. BPP Swivel	 BPP-1662 - Tee (1)(3) Male BPP (2) Fem. BPP Swivel	 BPP-1663 - Tee (1) Male BPP (2)(3) Fem. BPP Swivel	 BPP - 4000 O-Ring (use w/ retainer washer)
 BPP-4000 - EO Reflex Seal	 BPP-5000 - Str. (1)(2) Fem. BPP	 BPP-5404 - Str. (1)(2) Male BPP	 BPP-5404-BH-LN - Str. (1) Male BPP (2) Male BPP Bullhead w/ locknut	 BPP-5405 - Str. (1) Male BPP (2) Fem. BPP	 BPP-5406 - Str. Bushing (1) Male BPP (2) Fem. BPP
 BPP-5500 - 90° (1)(2) Male BPP	 BPP-5502 - 90° (1) Male BPP (2) Fem. BPP	 BPP-5504 - 90° (1)(2) Fem. BPP	 BPP-5505 - 45° (1)(2) Fem. BPP	 BPP-5600 - Tee (1)(2)(3) Male BPP	 BPP-5605 - Tee (1)(2)(3) Fem. BPP
 BPP-6000 BPP Retainer Washer	 BPP-6000 - C Copper Crush Washer	 BPP-6001 BPP Bonded Seal	 BPP-6403-EO - Str. (1) Male BPP w/ Peflex Seal (2) Male BPP w/ Peflex Seal	 BPP-6408 (1) Male BPP Plug	 BPP-6408-HHP-EO (1) Male BPP Hollow Hex Plug w/ Peflex Seal
 BPP-6410-EO - Str. (1) Male BPP w/ Peflex Seal (2) Fem. BPP	 BPP-7801-NW0 - 90° (1) Male BPP (2) Male BPP Adj. O-Ring	 BPP-7802-NW0 - 45° (1) Male BPP (2) Male BPP Adj. O-Ring	 BPP-7803-NW0 - Tee (1)(2) Male BPP (3) Male BPP Adj. O-Ring	 BPP-7804-NW0 - Tee (1)(3) Male BPP (2) Male BPP Adj. O-Ring	 BPP-BST-5404 - Str. (1) Male BPP (2) Male BSPT

* Some BPP may not be Chamfer

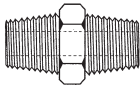
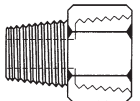
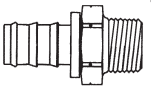
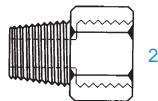
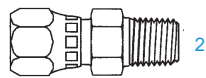
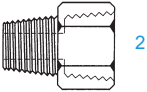
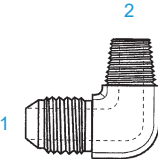
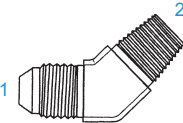
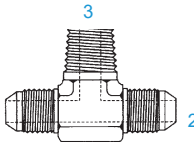
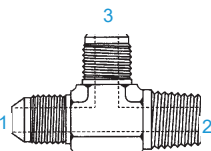
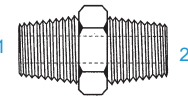
BRITISH PARALLEL PIPE

 BPP-BST-5500 - 90° (1) Male BPP (2) Male BSPT	 BPP-BST-5501 - 45° (1) Male BPP (2) Male BSPT	 BPP-FB-6410 - Str. (1) Fem. O-Ring (2) Male BPP	 BPP-FB-6410-WO - Str. (1) Male BPP w/ Washer O-Ring (2) Fem. O-Ring	 BPP-FBST-1405 - Str. (1) Fem. BSPT (2) Fem. BPP Swivel	 BPP-FBST-5405 - Str. (1) Male BPP (2) Fem. BSPT
 BPP-FJX-6402-DS - Str. (1) 37° Fem. Swivel (2) Male BPP w/ Bonded Seal	 BPP-FJX-6402-EO - Str. (1) 37° Fem. Swivel (2) Male BPP w/ Peflex Seal	 BPP-FJX-6402-WO - Str. (1) 37° Fem. Swivel (2) Male BPP w/ Washer O-Ring	 BPP-FJX-6501 - 90° (1) 37° Fem. Swivel (2) Male BPP	 BPP-FJX-6505 - Str. (1) 37° Fem. Swivel (2) Male BPP	 BPP-FJX-6565 - Str. (1) 37° Fem. Swivel (2) Fem. BPP Swivel
 BPP-FOFS-6510 - Str. (1) Male BPP (2) Fem. O-Ring Face Seal Swivel (SAE)	 BPP-FP-5000 - Str. (1) Fem. BPP (2) Fem. Pipe	 BPP-FP-5405 - Str. (1) Male BPP (2) Fem. Pipe	 BPP-FP-6405-DS - Str. (1) Male BPP w/ Bonded Seal (2) Fem. Pipe	 BPP-FP-6405-WO - Str. (1) Male BPP w/ Washer O-Ring (2) Fem. Pipe	 BPP-M-5404 - Str. (1) Male BPP (2) Male Metric
 BPP-MB-6401-O - Str. (1) Male O-Ring (SAE) (2) Male BPP	 BPP-MB-6803-NWO - Tee (1)(2) Male BPP (3) Male Adj. O-Ring (SAE)	 BPP-MB-6804-NWO - Tee (1) (3) Male BPP (2) Male Adj. O-Ring (SAE)	 BPP-MB-6806-NWO - 90° (1) Male BPP (2) Male Adj. O-Ring (SAE)	 BPP-MBST-1404 - Str. (1) Male BSPT (2) Fem. BPP Swivel	 BPP-MBST-1501 - 90° (1) Male BSPT (2) Fem. BPP Swivel
 BPP-MJ-2404 - Str. (1) Male 37° (2) Male BPP 30° Seat	 BPP-MJ-2405 - Str. (1) Male 37° (2) Fem. BPP (Rigid)	 BPP-MJ-2501 - 90° (1) Male 37° (2) Male BPP 30° Seat	 BPP-MJ-6400-DS - Str. (1) Male 37° (2) Male BPP w/ Bonded Seal	 BPP-MJ-6400-WO - Str. (1) Male 37° (2) Male BPP w/ Washer O-Ring	 BPP-MJ-6400-L-WO - Str. (1) Male 37° Long (2) Male BPP - w/ Washer & O-Ring
 BPP-MJ-6500 - 90° (1) Male 37° (2) Fem. BPP Swivel	 BPP-MJ-6500-L - 90° (1) Male 37° (2) Fem. BPP Swivel - Long	 BPP-MJ-6502-L - 45° (1) Male 37° (2) Fem. BPP Swivel - Long	 BPP-MJ-6510 - Str. (1) Male 37° (2) Fem. BPP Swivel	 BPP-MJ-6801-NWO - 90° (1) Male 37° (2) Male BPP Adj. O-Ring w/ Retainer Washer	 BPP-MJ-6801-L-NWO - 90° (1) Male 37° (2) Male BPP Adj. O-Ring w/ Retainer Washer - Long

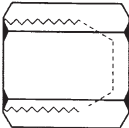
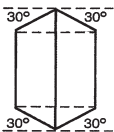
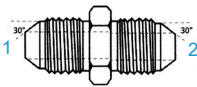
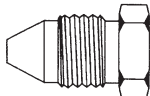
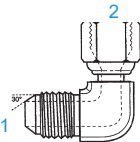
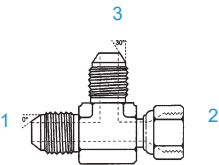
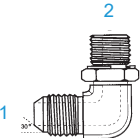
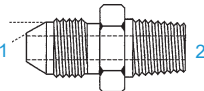
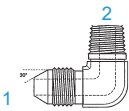
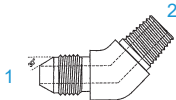
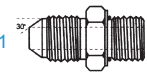
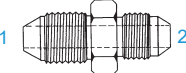
BRITISH PARALLEL PIPE

 BPP-MJ-6802-NWO - 45° (1) Male 37° (2) Male BPP Adj. O-Ring w/ Retainer Washer	 BPP-MJ-6803-NWO - Tee (1)(2) Male 37° (3) Male BPP Adj. O-Ring w/ Retainer Washer	 BPP-MJ-6804-NWO - Tee (1)(3) Male 37° (2) Male BPP Adj. O-Ring w/ Retainer Washer	 BPP-MP-1404 - Str. (1) Male NPT Pipe (2) Fem. BPP Swivel	 BPP-MP-1501 - 90° (1) Male NPT Pipe (2) Fem. BPP Swivel	 BPP-MP-5404 - Str. (1) Male BPP 30° (2) Male NPT Pipe
 BPP-MP-5405 - Str. (1) Male NPT Pipe (2) Fem. BPP (Rigid)	 BPP-MP-5500 - 90° (1) Male BPP 30° (2) Male NPT Pipe	 BPP-OFS-2404 - Str. (1) Male O-Ring Face Seal (SAE) (2) Male BPP 30°	 BPP-OFS-6400-EO - Str. (1) Male O-Ring Face Seal (SAE) (2) Male BPP w/ Peflex Seal	 BPP-OFS-6400-WO - Str. (1) Male O-Ring Face Seal (SAE) (2) Male BPP w/Washer & O-Ring	 BPP-OFS-6400-L-WO - Str. (1) Male O-Ring Face Seal - Long (SAE) (2) Male BPP w/Washer & O-Ring
 BPP-OFS-6801-NWO - Str. (1) Male O-Ring Face Seal (SAE) (2) Male BPP Adj. O-Ring w/ Retainer Washer	 BPP-OFS-6802-NWO - 45° (1) Male O-Ring Face Seal (SAE) (2) Male BPP Adj. O-Ring w/ Retainer Washer	 BPP-OFS-6803-NWO - Tee (1) (2) Male O-Ring Face Seal (SAE) (3) Male BPP Adj. O-Ring w/ Retainer Washer	 BPP-OFS-6804-NWO - Tee (1) (3) Male O-Ring Face Seal (SAE) (2) Male BPP Adj. O-Ring w/ Retainer Washer	 BPP-SPO-2272 - Str. (1) Steel Push On (2) Male BPP	 BPP-SPO-2278 - Str. (1) Steel Push On (2) Fem. BPP Swivel
 BPP-SPO-2305 - 45° (1) Steel Push On (2) Fem. BPP (30° Cone) Bent Tube Swivel	 BPP-SPO-2306 - 90° (1) Steel Push On (2) Fem. BPP (30° Cone) Bent Tube Swivel	 BPPOFS-MJ-6510 - Str. (1) Male 37° (2) Fem. BPP O-Ring Face Seal Swivel			

BRITISH STANDARD TAPER

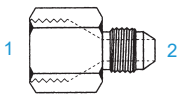
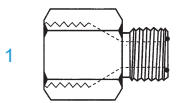
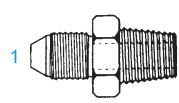
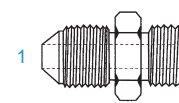
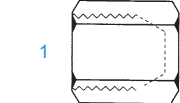
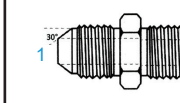
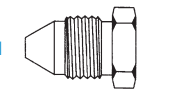
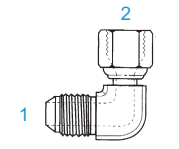
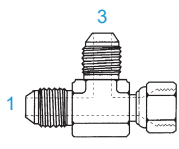
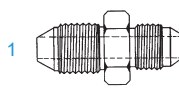
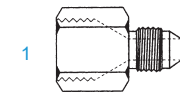
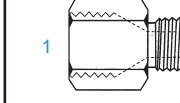
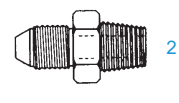
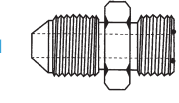
 BST-5404 - Str. (1)(2) Male BSPT	 BST-5406 - Str. (1) Male BSPT (2) Fem. BSPT	 BST-5406-HHP (1) BSPT Hollow Hex Plug	 BST-5406-P (1) Male BSPT Plug	 BST-BPO-2272 - Str. (1) Brass Push On (2) Male BSPT	 BST-SPO-2272 - Str. (1) Steel Push On (2) Male BSPT
 BST-FBPP-5405 - Str. (1) Male BSPT (2) Fem. BPP	 BST-FJX-6505 - Str. (1) Fem. 37° Swivel (2) Male BSPT	 BST-FP-5405 - Str. (1) Male BSPT (2) Fem. NPT Pipe	 BST-MJ-2404 - Str. (1) Male 37° (2) Male BSPT	 BST-MJ-2501 - 90° (1) Male 37° (2) Male BSPT	 BST-MJ-2503 - 45° (1) Male 37° (2) Male BSPT
 BST-MJ-2601 - Tee (1)(2) Male 37° (3) Male BSPT	 BST-MJ-2605 - Tee (1)(3) Male 37° (2) Male BSPT	 BST-MP-5404 - Str. (1) Male BSPT (2) Male NPT Pipe			

JAPANESE INDUSTRIAL STANDARD

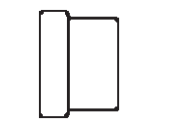
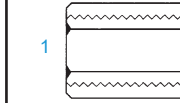
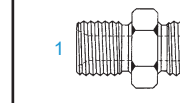
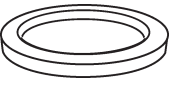
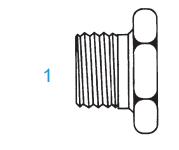
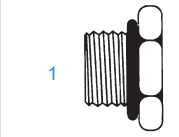
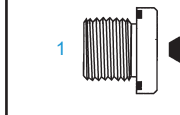
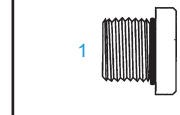
 JISBP-0304-C (1) Fem. 30° BPP (Flare) Cap	 JISBP-0321 JIS Sealing Seat (Converts Male 30° BPP Coneseat To 30° JIS Flare)	 JISBP-2403 - Str. (1)(2) Male 30° BPP (Flare)	 JISBP-2408 (1) Male 30° BPP (Flare) Plug	 JISBP-6500 - 90° (1) Male 30° BPP (Flare) (2) Fem. 30° BPP (Flare) Swivel	 JISBP-6602 - Tee (1)(3) Male 30° BPP (Flare) (2) Fem. 30° BPP (Flare) Swivel
 JISBP-BPP-6801-NWO - 90° (1) Male 30° BPP (Flare) (2) Male BPP Adj. O-Ring	 JISBP-BST-2404 - Str. (1) Male 30° BPP (Flare) (2) Male BSPT	 JISBP-BST-2501 - 90° (1) Male 30° BPP (Flare) (2) Male BSPT	 JISBP-BST-2503 - 45° (1) Male 30° BPP (Flare) (2) Male BSPT	 JISBP-MB-6400-O - Str. (1) Male 30° BPP (Flare) (2) Male O-Ring (SAE)	 JISBP-MJ-2403 - Str. (1) Male 30° BPP (Flare) (2) Male 37°

JAPANESE INDUSTRIAL STANDARD

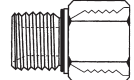
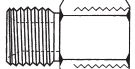
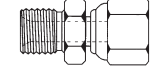
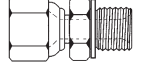
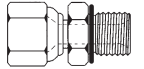
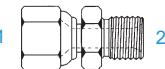
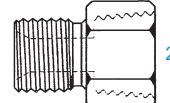
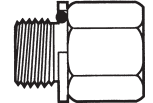
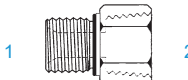
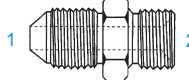
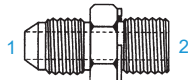
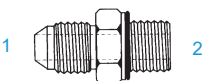
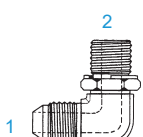
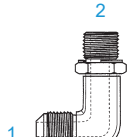
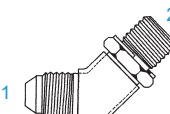
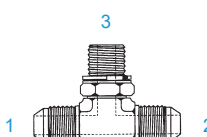
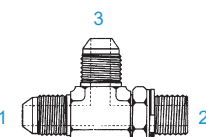
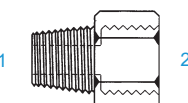
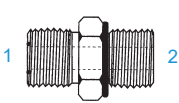
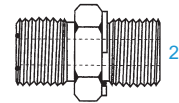
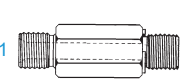
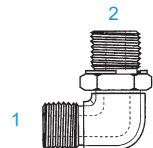
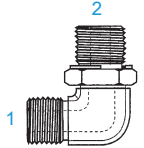
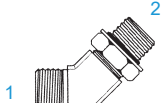
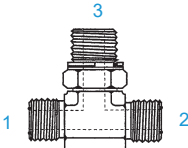
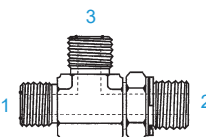
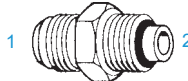
All JISM - Komatsu 1.5mm thread

 JISBP-MJ-2406 - Str. (1) Fem. 30° BPP (Flare) (2) Male 37°	 JISBP-MOFS-2406 - Str. (1) Fem. 30° BPP (Flare) (2) Male O-Ring Face Seal(SAE)	 JISBP-MP-2404 - Str. (1) Male 30° BPP (Flare) (2) Male NPT Pipe	 JISBP-OFS-2403 - Str. (1) Male 30° BPP (Flare) (2) Male O-Ring Face Seal(SAE)	 JISM-0304-C (1) Fem. 30° Metric Cap Komatsu	 JISM-2403 - Str. (1)(2) Male 30° Metric Komatsu Union
 JISM-2408 (1) Male 30° Metric Komatsu Plug	 JISM-6500 - 90° (1) Male 30° Metric Komatsu (2) Fem. 30° Metric Komatsu Swivel	 JISM-6602 - Tee (1)(3) Male 30° Metric Komatsu (2) Fem. 30° Metric Komatsu Swivel	 JISM-MJ-2403 - Str. (1) Male 30° Metric Komatsu (2) Male 37°	 JISM-MJ-2406 - Str. (1) Fem. 30° Metric Komatsu (2) Male 37°	 JISM-MOFS-2406 - Str. (1) Fem. 30° Metric Komatsu (2) Male O-Ring Face Seal (SAE)
 JISM-MP-2404 - Str. (1) Male 30° Metric Komatsu (2) Male NPT Pipe	 JISM-OFS-2403 - Str. (1) Male 30° Metric Komatsu (2) Male O-Ring Face Seal (SAE)				

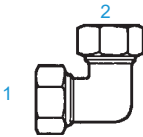
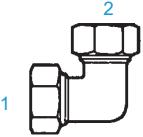
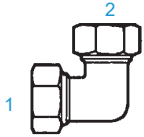
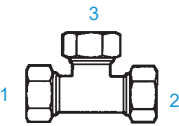
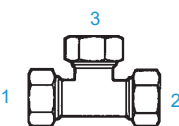
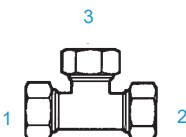
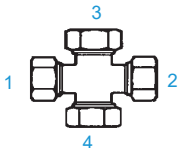
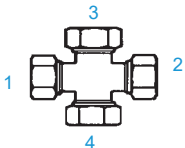
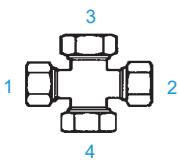
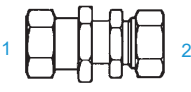
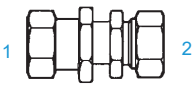
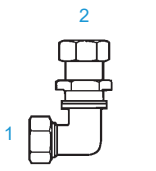
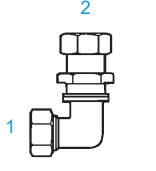
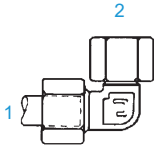
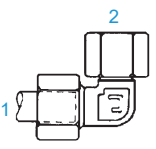
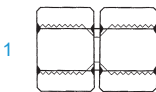
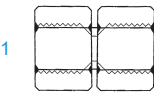
METRIC

 M-0319 37° Tube Sleeve (SAE) for Metric Tubing	 M-4000 Metric Buna-N 90 Duro O-Ring (for use w/ M-6000)	 M-4000-EO Metric Peflex Seal	 M-4000-ISO Metric ISO O-Ring (6149)	 M-5000 - Str. (1)(2) Fem. Metric(Rigid,Parallel)	 M-5404 - Str. (1)(2) Male Metric (Parallel)
 M-6000 Metric Steel Retaining Ring (use w/ M-4000)	 M-6001 Metric Bonded Seal	 M-6408 - Str. (1) Metric Hex Plug (Parallel, use w/ M-6001)	 M-6408-ISO- Str. (1) Metric Hex Plug (Parallel) w/ ISO O-Ring	 M-6408-HHP-EO - Str. (1) Metric Countersunk Hollow Hex Plug w/ Peflex Seal	 M-6408-HHP-ISO - Str. (1) Metric Countersunk Hollow Hex Plug w/ ISO O-Ring 6149

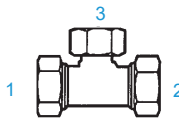
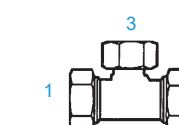
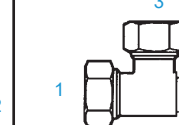
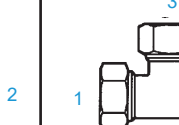
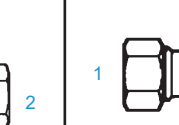
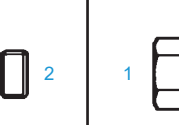
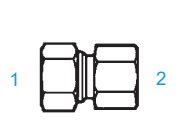
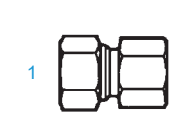
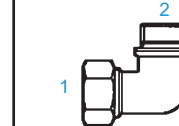
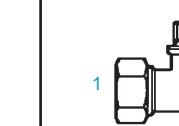
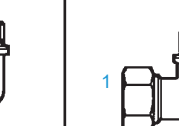
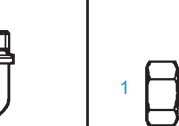
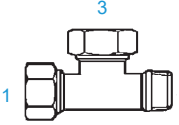
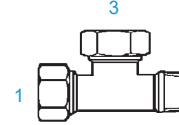
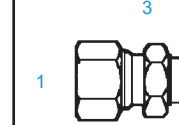
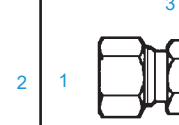
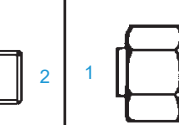
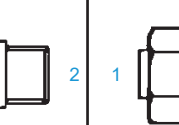
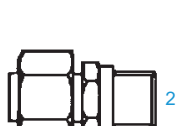
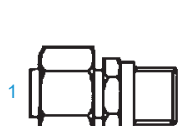
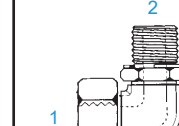
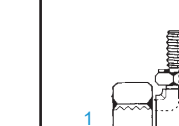
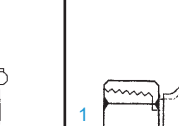
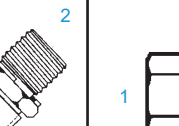
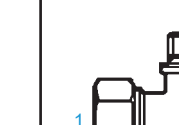
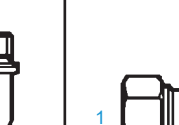
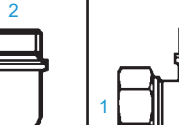
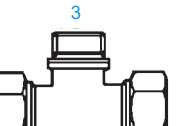
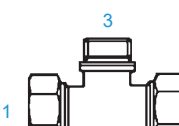
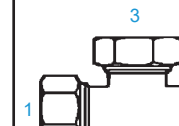
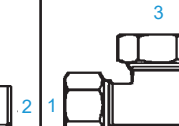
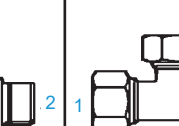
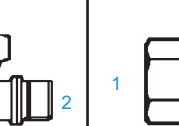
METRIC

 M-6410 - Str. (1) Male Metric (Parallel) (2) Fem. Metric (Parallel) (Length of Hex may vary)	 M-FB-6410-WO - Str. (1) Male Metric w/ Washer O-Ring (2) Fem. O-Ring (SAE)	 M-FBPP-5405 - Str. (1) Male Metric (Parallel) (2) Fem. BPP (Rigid)	 M-FBPP-6510 - Str. (1) Male Metric (Parallel) (2) Fem. BPP Pipe Swivel	 M-FJX-6402-DS - Str. (1) Fem. 37° Swivel (2) Male Metric w/ Dowty Seal (Parallel)	 M-FJX-6402-WO - Str. (1) Fem. 37° Swivel (2) Male Metric w/ Washer & O-Ring (Parallel)
 M-FJX-6505 - Str. (1) Fem. 37° Swivel (2) Male Metric (Parallel)	 M-FP-5405 - Str. (1) Male Metric (Parallel) (2) Fem. NPT Pipe	 M-FP-6405-DS - Str. (1) Male Metric w/ Bonded Seal (2) Fem. NPT Pipe	 M-FP-6405-WO - Str. (1) Male Metric w/ Washer & O-Ring (2) Fem. NPT Pipe	 M-MJ-2404 - Str. (1) Male 37° (2) Male Metric (Parallel) (some w/ 30°, some w/ 24° seat)	 M-MJ-6400-DS - Str. (1) Male 37° (2) Male Metric w/ Bonded Seal
 M-MJ-6400-WO - Str. (1) Male 37° (2) Male Metric w/ Washer & O-Ring	 M-MJ-6801-NWO - 90° (1) Male 37° (2) Male Metric Adj. w/ Washer & O-Ring	 M-MJ-6801-L-NWO - 90° (1) Male 37° (2) Male Metric Adj. w/ Washer & O-Ring - Long	 M-MJ-6802-NWO - 45° (1) Male 37° (2) Male Metric Adj. w/ Washer & O-Ring	 M-MJ-6803-NWO - Tee (1)(2) Male 37° (3) Male Metric Adj. w/ Washer & O-Ring	 M-MJ-6804-NWO - Tee (1)(3) Male 37° (2) Male Metric Adj. w/ Washer & O-Ring
 M-MP-5405 - Str. (1) Male NPT Pipe (2) Fem. Metric (Parallel)	 M-OFS-6400-EO - Str. (1) Male O-Ring Face Seal (SAE) (2) Male Metric w/ Peflex Seal	 M-OFS-6400-WO - Str. (1) Male O-Ring Face Seal (SAE) (2) Male Metric w/ Washer & O-Ring	 M-OFS-6400-L-WO - Str. (1) Male O-Ring Face Seal (SAE) (2) Male Metric w/ Washer & O-Ring - Long	 M-OFS-6801-NWO - 90° (1) Male O-Ring Face Seal (SAE) (2) Male Metric Adj. w/ Washer O-Ring	 M-OFS-6801-NWO-ISO - 90° (1) Male O-Ring Face Seal (SAE) (2) Male Metric Adj. w/ Washer ISO O-Ring 6149
 M-OFS-6802-NWO-ISO - 45° (1) Male O-Ring Face Seal (SAE) (2) Male Metric Adj. w/ Washer ISO O-Ring 6149	 M-OFS-6803-NWO-ISO - Tee (1)(2) Male O-Ring Face Seal (SAE) (3) Male Metric Adj. w/ Washer ISO O-Ring 6149	 M-OFS-6804-NWO - Tee (1)(3) Male O-Ring Face Seal (SAE) (2) Male Metric Adj. w/ Washer O-Ring	 M-SBT-2404 - Str. (1) Male 37° (2) Metric O-Ring Bump Tube Port Adapter		

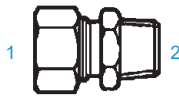
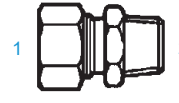
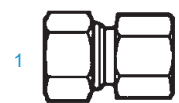
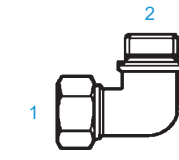
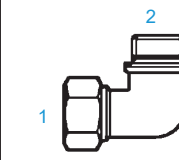
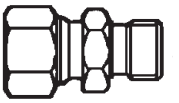
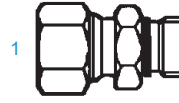
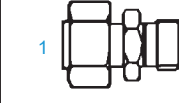
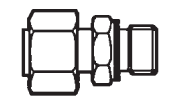
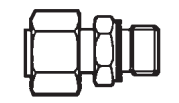
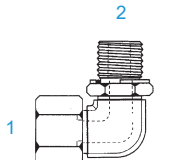
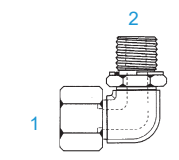
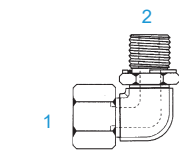
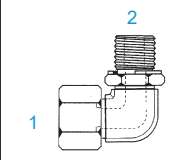
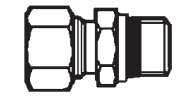
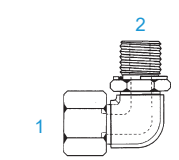
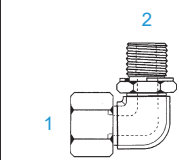
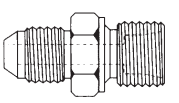
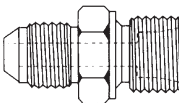
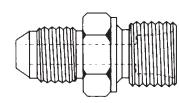
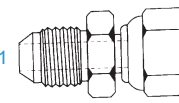
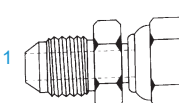
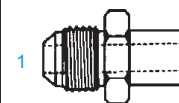
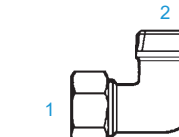
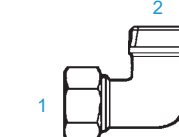
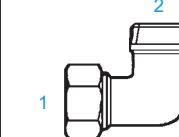
METRIC FLARELESS

 MFL-0304-C Cap Nut Light	 MFL-0304-C-H Cap Nut Heavy	 MFL-0306 Bulkhead Lock Nut Light	 MFL-0306-H Bulkhead Lock Nut Heavy	 MFL-0318-LL Flareless Nut Extra Light	 MFL-0318 Flareless Nut Light
 MFL-0318-H Flareless Nut Heavy	 MFL-0319-LL Flareless Sleeve Extra Light	 MFL-0319 Flareless Sleeve Light	 MFL-0319-H Flareless Sleeve Heavy	 MFL-0320 Blanking Plug w/ O-Ring Light	 MFL-0320-H Blanking Plug w/ O-Ring Heavy
 MFL-2403-LL - Str. (1)(2) Male Flareless Union Extra Light	 MFL-2403 - Str. (1)(2) Male Flareless Union Light	 MFL-2403-H - Str. (1)(2) Male Flareless Union Heavy	 MFL-2406 - Str. - Reducer (1) Metric Standpipe (2) Male Flareless Light	 MFL-2406-H - Str. - Reducer (1) Metric Standpipe (2) Male Flareless Heavy	 MFL-2408 - Str. (1) Male Flareless Plug Light
 MFL-2408-H - Str. (1) Male Flareless Plug Heavy	 MFL-2500-LL - 90° (1)(2) Male Flareless Extra Light	 MFL-2500 - 90° (1)(2) Male Flareless Light	 MFL-2500-H - 90° (1)(2) Male Flareless Heavy	 MFL-2603-LL-Tee (1)(2)(3) Male Flareless Extra Light	 MFL-2603-Tee (1)(2)(3) Male Flareless Light
 MFL-2603-H-Tee (1)(2)(3) Male Flareless Heavy	 MFL-2650-LL - Cross (1)(2)(3)(4) Male Flareless Extra Light	 MFL-2650 - Cross (1)(2)(3)(4) Male Flareless Light	 MFL-2650-H - Cross (1)(2)(3)(4) Male Flareless Heavy	 MFL-2700-LN - Str. (1) Male Flareless (2) Male Flareless Bulkhead w/ Lock Nut Light	 MFL-2700-H-LN - Str. (1) Male Flareless (2) Male Flareless Bulkhead w/ Lock Nut Heavy
 MFL-2701-LN - 90° (1) Male Flareless (2) Male Flareless Bulkhead w/ Lock Nut Light	 MFL-2701-H-LN - 90° (1) Male Flareless (2) Male Flareless Bulkhead w/ Lock Nut Heavy	 MFL-6500 - 90° (1) Male Flareless (2) Fem. Flareless Swivel Light	 MFL-6500-H - 90° (1) Male Flareless (2) Fem. Flareless Swivel Heavy	 MFL-6565 - Str. (1)(2) Fem. Flareless Swivel Light	 MFL-6565-H - Str. (1)(2) Fem. Flareless Swivel Heavy

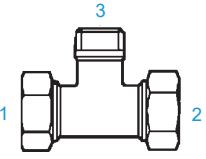
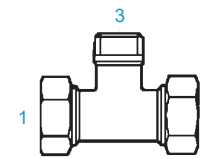
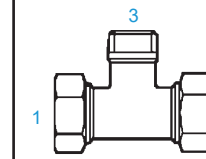
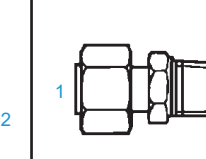
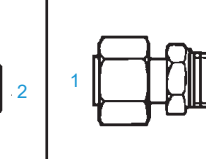
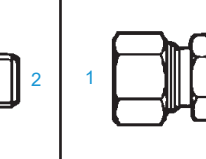
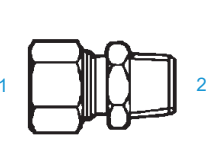
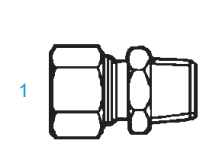
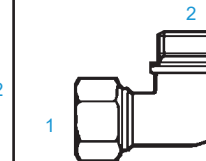
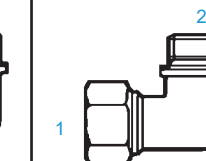
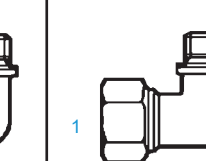
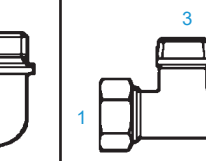
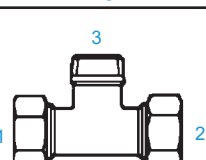
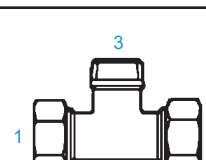
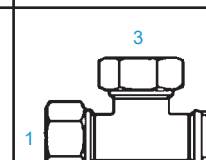
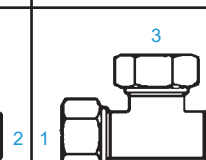
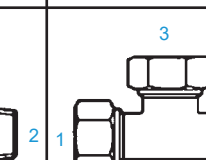
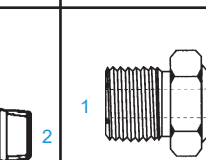
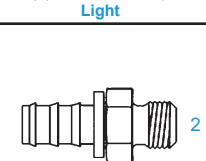
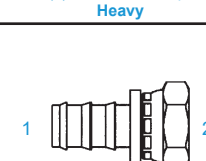
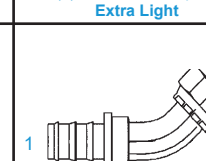
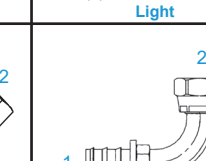
METRIC FLARELESS

 MFL-6600 - Tee (1)(2) Male Flareless (3) Fem. Flareless Swivel Light	 MFL-6600-H - Tee (1)(2) Male Flareless (3) Fem. Flareless Swivel Heavy	 MFL-6602 - Tee (1)(3) Male Flareless (2) Fem. Flareless Swivel Light	 MFL-6602-H - Tee (1)(3) Male Flareless (2) Fem. Flareless Swivel Heavy	 MFL-BPP-2404 - Str. (1) Male Flareless (2) Male BPP w/ Cutting Face Seal Light	 MFL-BPP-2404-H - Str. (1) Male Flareless (2) Male BPP w/ Cutting Face Seal Heavy
 MFL-BPP-2405 - Str. (1) Male Flareless (2) Fem. BPP - Rigid Light	 MFL-BPP-2405-H - Str. (1) Male Flareless (2) Fem. BPP - Rigid Heavy	 MFL-BPP-2501 - 90° (1) Male Flareless (2) Male BPP w/ Cutting Face Seal Light	 MFL-BPP-2501-H - 90° (1) Male Flareless (2) Male BPP w/ Cutting Face Seal Heavy	 MFL-BPP-2601 - Tee (1) Male Flareless (2) Male BPP w/ Cutting Face Seal Light	 MFL-BPP-2601-H - Tee (1) Male Flareless (2) Male BPP w/ Cutting Face Seal Heavy
 MFL-BPP-2605 - Tee (1)(3) Male Flareless (2) Male BPP w/ Cutting Face Seal Light	 MFL-BPP-2605-H - Tee (1)(3) Male Flareless (2) Male BPP w/ Cutting Face Seal Heavy	 MFL-BPP-6400-EO - Str. (1) Male Flareless (2) Male BPP w/ Peflex Seal Light	 MFL-BPP-6400-H-EO - Str. (1) Male Flareless (2) Male BPP w/ Peflex Seal Heavy	 MFL-BPP-6510 - Str. (1) Fem. Flareless Swivel (2) Male BPP w/ Cutting Face Seal Light	 MFL-BPP-6510-H - Str. (1) Fem. Flareless Swivel (2) Male BPP w/ Cutting Face Seal Heavy
 MFL-BPP-6510-EO - Str. (1) Fem. Flareless Swivel (2) Male BPP - w/ Peflex Seal Light	 MFL-BPP-6510-H-EO - Str. (1) Fem. Flareless Swivel (2) Male BPP - w/ Peflex Seal Heavy	 MFL-BPP-6801-NWO - 90° (1) Male Flareless (2) Male BPP w/ Washer O-Ring Light	 MFL-BPP-6801-H-NWO - 90° (1) Male Flareless (2) Male BPP w/ Washer O-Ring Heavy	 MFL-BPP-6810-NWO - 45° (1) Male Flareless (2) Male BPP w/ Washer O-Ring Light	 MFL-BST-2404-LL - Str. (1) Male Flareless (2) Male BSPT Extra Light
 MFL-BST-2404 - Str. (1) Male Flareless (2) Male BSPT Light	 MFL-BST-2404-H - Str. (1) Male Flareless (2) Male BSPT Heavy	 MFL-BST-2501-LL - 90° (1) Male Flareless (2) Male BSPT Extra Light	 MFL-BST-2501-LL - 90° (1) Male Flareless (2) Male BSPT Light	 MFL-BST-2501-H - 90° (1) Male Flareless (2) Male BSPT Heavy	 MFL-BST-2601-LL - Tee (1)(2) Male Flareless (3) Male BSPT Extra Light
 MFL-BST-2601 - Tee (1)(2) Male Flareless (3) Male BSPT Light	 MFL-BST-2601-H - Tee (1) (2) Male Flareless (3) Male BSPT Heavy	 MFL-BST-2605-LL - Tee (1)(3) Male Flareless (2) Male BSPT Extra Light	 MFL-BST-2605 - Tee (1)(3) Male Flareless (2) Male BSPT Light	 MFL-BST-2605-H - Tee (1)(3) Male Flareless (2) Male BSPT Heavy	 MFL-M-2404-LL - Str. (1) Male Flareless (2) Male Metric Parallel w/ Cutting Face Seal Extra Light

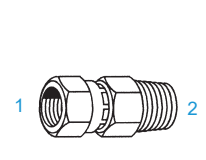
METRIC FLARELESS

 MFL-M-2404 - Str. (1) Male Flareless (2) Male Metric Parallel w/ Cutting Face Seal Light	 MFL-M-2404-H - Str. (1) Male Flareless (2) Male Metric Parallel w/ Cutting Face Seal Heavy	 MFL-M-2405 - Str. (1) Male Flareless (2) Fem. Metric Parallel-Rigid Light	 MFL-M-2405-H - Str. (1) Male Flareless (2) Fem. Metric Parallel-Rigid Heavy	 MFL-M-2501 - 90° (1) Male Flareless (2) Male Metric Parallel w/ Cutting Face Seal Light	 MFL-M-2501-H - 90° (1) Male Flareless (2) Male Metric Parallel w/ Cutting Face Seal Heavy
 MFL-M-6400-EO - Str. (1) Male Flareless (2) Male Metric w/ Peflex Seal Light	 MFL-M-6400-H-EO - Str. (1) Male Flareless (2) Male Metric w/ Peflex Seal Heavy	 MFL-M-6400-ISO - Str. (1) Male Flareless (2) Male Metric w/ ISO O-Ring 6149 Light	 MFL-M-6400-H-ISO - Str. (1) Male Flareless (2) Male Metric w/ ISO O-Ring 6149 Heavy	 MFL-M-6510 - Str. (1) Fem. Flareless Swivel (2) Male Metric Parallel w/ Cutting Face Seal Light	 MFL-M-6510-H - Str. (1) Fem. Flareless Swivel (2) Male Metric Parallel w/ Cutting Face Seal Heavy
 MFL-M-6510-EO - Str. (1) Fem. Flareless Swivel (2) Male Metric Parallel w/ Peflex Seal Light	 MFL-M-6510-H-EO - Str. (1) Fem. Flareless Swivel (2) Male Metric Parallel w/ Peflex Seal Heavy	 MFL-M-6801-NWO - 90° (1) Male Flareless (2) Male Metric w/ Washer O-Ring 6149 Light	 MFL-M-6801-H-NWO - 90° (1) Male Flareless (2) Male Metric w/ Washer O-Ring 6149 Heavy	 MFL-M-6801-NWO-ISO - 90° (1) Male Flareless (2) Male Metric w/ ISO O-Ring 6149 Light	 MFL-M-6801-H-NWO-ISO - 90° (1) Male Flareless (2) Male Metric w/ ISO O-Ring 6149 Heavy
 MFL-MB-6400-O - Str. (1) Male Flareless (2) Male O-Ring Boss Light	 MFL-MB-6400-H-O - Str. (1) Male Flareless (2) Male O-Ring Boss Heavy	 MFL-MB-6510-O - Str. (1) Fem. Flareless Swivel (2) Male O-Ring Boss Light	 MFL-MB-6510-H-O - Str. (1) Fem. Flareless Swivel (2) Male O-Ring Boss Heavy	 MFL-MB-6801-NWO - 90° (1) Male Flareless (2) Male O-Ring Boss Light	 MFL-MB-6801-H-NWO - 90° (1) Male Flareless (2) Male O-Ring Boss Heavy
 MFL-MJ-3901-LL - Str. (1) Male 37° (2) Male Metric Dual Purpose (Port or Tube) Extra Light	 MFL-MJ-3901 - Str. (1) Male 37° (2) Male Metric Dual Purpose (Port or Tube) Light	 MFL-MJ-3901-H - Str. (1) Male 37° (2) Male Metric Dual Purpose (Port or Tube) Heavy	 MFL-MJ-6510 - Str. (1) Male 37° (2) Fem. Flareless Swivel Light	 MFL-MJ-6510-H - Str. (1) Male 37° (2) Fem. Flareless Swivel Heavy	 MFL-MJ-6511 - Str. (1) Male 37° (2) Metric Standpipe Light
 MFL-MP-2404-LL - Str. (1) Male Flareless (2) Male NPT Extra Light	 MFL-MP-2404 - Str. (1) Male Flareless (2) Male NPT Light	 MFL-MP-2404-H - Str. (1) Male Flareless (2) Male NPT Heavy	 MFL-MP-2501-LL - 90° (1) Male Flareless (2) Male NPT Extra Light	 MFL-MP-2501 - 90° (1) Male Flareless (2) Male NPT Light	 MFL-MP-2501-H - 90° (1) Male Flareless (2) Male NPT Heavy

METRIC FLARELESS

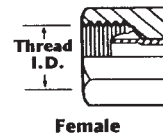
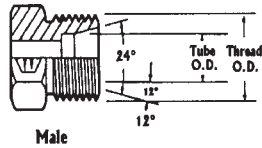
 MFL-MP-2601-LL - Tee (1)(2) Male Flareless (3) Male NPT Extra Light	 MFL-MP-2601 - Tee (1)(2) Male Flareless (3) Male NPT Light	 MFL-MP-2601-H - Tee (1)(2) Male Flareless (3) Male NPT Heavy	 MFL-MP-6510 - Str. (1) Fem. Flareless Swivel (2) Male NPT Light	 MFL-MP-6510-H - Str. (1) Fem. Flareless Swivel (2) Male NPT Heavy	 MFL-MT-2404-LL - Str. (1) Male Flareless (2) Male Metric Taper Extra Light
 MFL-MT-2404 - Str. (1) Male Flareless (2) Male Metric Taper Light	 MFL-MT-2404-H - Str. (1) Male Flareless (2) Male Metric Taper Heavy	 MFL-MT-2501-LL - 90° (1) Male Flareless (2) Male Metric Taper Extra Light	 MFL-MT-2501 - 90° (1) Male Flareless (2) Male Metric Taper Light	 MFL-MT-2501-H - 90° (1) Male Flareless (2) Male Metric Taper Heavy	 MFL-MT-2601-LL - Tee (1)(2) Male Flareless (3) Male Metric Taper Extra Light
 MFL-MT-2601 - Tee (1)(2) Male Flareless (3) Male Metric Taper Light	 MFL-MT-2601-H - Tee (1)(2) Male Flareless (3) Male Metric Taper Heavy	 MFL-MT-2605-LL - Tee (1)(3) Male Flareless (2) Male Metric Taper Extra Light	 MFL-MT-2605 - Tee (1)(3) Male Flareless (2) Male Metric Taper Light	 MFL-MT-2605-H - Tee (1)(3) Male Flareless (2) Male Metric Taper Heavy	 MFL-OFS-3901 - Str. (1) Male O-Ring Face Seal (2) Male Metric Dual Purpose (Port or Tube)
 MFL-SPO-2272 - Str. (1) Male Push On (2) Male Metric 24°	 MFL-SPO-2278 - Str. (1) Male Push On (2) Fem. Metric 24° Swivel	 MFL-SPO-2305 - 45° (1) Male Push On (2) Fem. Metric 24° Swivel	 MFL-SPO-2306 - 90° (1) Male Push On (2) Fem. Metric 24° Swivel		

MISCELLANEOUS

 MT-FJX-6505 - Str. (1) Fem. 37° Swivel (2) Male Metric Taper					
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IDENTIFYING METRIC CONNECTIONS

GERMAN DIN COMPRESSION



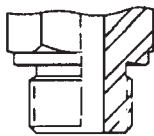
Series	Oper. Press. (bar)	Tube O.D.	Thread Size
LL	100	4	M 8x1
LL	100	6	M 10x1
LL	100	8	M 12x1
L	250	6	M 12x1.5
L	250	8	M 14x1.5
L	250	10	M 16x1.5
L	250	12	M 18x1.5
L	250	15	M 22x1.5
L	160	18	M 26x1.5
L	160	22	M 30x2
L	100	28	M 36x2
L	100	35	M 45x2
L	100	42	M 52x2
S	630	6	M 14x1.5
S	630	8	M 16x1.5
S	630	10	M 18x1.5
S	630	12	M 20x1.5
S	630	14	M 22x1.5
S	400	16	M 24x1.5
S	400	20	M 30x2
S	400	25	M 36x2
S	250	30	M 42x2
S	250	38	M 52x2

Tube O.D. Light MM	Tube O.D. Heavy MM	Metric Thread Size	Male Thread O.D.		Female Thread I.D.	
			MM	Frac. (in.)	MM	Frac. (in.)
6		M12x1.5	12	15/32	10.5	13/32
8	6	M14x1.5	14	9/16	12.5	1/2
10	8	M16x1.5	16	5/8	14.5	9/16
12	10	M18x1.5	18	23/32	16.5	21/32
	12	M20x1.5	20	25/32	18.5	23/32
15	14	M22x1.5	22	7/8	20.5	13/16
	16	M24x1.5	24	15/16	22.5	7/8
18		M26x1.5	26	1-1/32	24.5	31/32
22	20	M30x2.0	30	1-3/16	28	1-1/8
28	25	M36x2.0	36	1-13/32	34	1-11/32
	30	M42x2.0	42	1-21/32	40	1-9/16
35		M45x2.0	45	1-25/32	43	1-23/32
42	38	M52x2.0	52	2-1/32	50	1-31/32

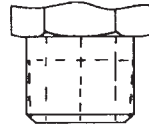
This connection style consists of a common male and three different female styles.

The male has a straight metric thread, a 24° included angle and a recessed counterbore that matches the tube O.D. used with it. The female may be a tube, nut and sleeve, a globeseal or a globeseal with an O-Ring in the nose.

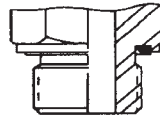
Common Port Sealing Designs



DIN 3852 Form B: Sealing by means of a sealing "shoulder." Female thread is parallel.



DIN 3852 Form C: Sealing by means of tapered thread. Female thread must be tapered to achieve rated operating pressure.



Form PEFLEX: Sealing by means of a profiled elastomer ring recessed into the fitting body. Female thread is parallel.



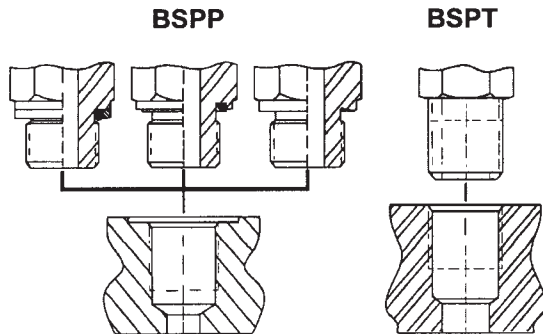
DIN 3852 Form A (formerly Form D): Sealing by means of a washer or bonded seal. Female thread is parallel.



Form SAE J514: Sealing by means of an O-Ring in the thread undercut. Female thread is parallel.

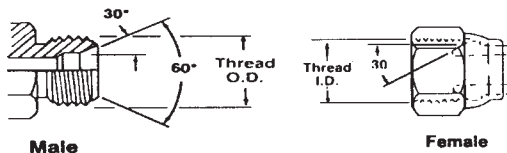
Metric Thread Size	Male Thread O.D. (A) (mm)	Female Thread I.D. (B) (mm)
M 10x1	10	8.5
M 12x1.5	12	10.5
M 14x1.5	14	12.5
M 16x1.5	16	14.5
M 18x1.5	18	16.5
M 20x1.5	20	18.5
M 22x1.5	22	20.5
M 26x1.5	26	24.5
M 27x2	27	25.5
M 30x2	30	28.5
M 33x2	33	31.5
M 42x2	42	39.9
M 48x2	48	46.5
M 52x2	52	50.5
M 65x2	65	62.9
M 78x2	78	75.9
M 90x2	90	87.9

BRITISH STANDARD PIPE



The BSPT (tapered) connection is similar to the NPT except that the thread pitches are different in most sizes. To achieve full pressure rating, a tapered male must be threaded into a tapered female.

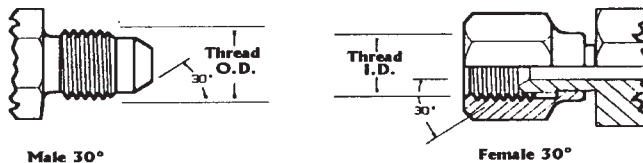
Dash Size	Inch Size	Thread	Male Thread O.D.		Female Thread I.D.	
			mm	in	mm	in
-2	1/8	1/8 - 28	9.4	.37	8.1	.32
-4	1/4	1/4 - 19	13.7	.53	12.4	.49
-6	3/8	3/8 - 19	17.2	.68	16.0	.62
-8	1/2	1/2 - 14	21.5	.84	19.8	.77
-10	5/8	5/8 - 14	23.1	.91	20.6	.81
-12	3/4	3/4 - 14	26.9	1.06	25.4	1.00
-16	1	1 - 11	34.0	1.34	31.8	1.25
-20	1 1/4	1 1/4 - 11	42.6	1.68	40.4	1.59
-24	1 1/2	1 1/2 - 11	48.5	1.90	46.2	1.81
-32	2	2	60.4	2.37	58.2	2.29



The BSPP (parallel) male is similar to the NPSM male except the thread pitches are different in most sizes. The mating female swivel is a BSP globe seal, which seals on the cone of the male.

JAPANESE

Metric and British JIS 30° Flare



METRIC

Dash No.	Metric Size Equiv.	Metric Thread	Male Thread O.D.		Female Thread I.D.	
			mm	in	mm	in
-4		M14x1.5	14	.55	12.5	
-6	9	M18x1.5	18	.71	16.5	.65
-8	12	M22x1.5	22	.87	20.5	.82
-10	16	M24x1.5	24	.94	22.5	.88
-12	19	M30x1.5	30	1.18	28.5	1.12
-16	25	M33x1.5	33	1.30	31.5	1.24
-20	32	M36x1.5	36	1.42	34.5	1.36
-24	38	M42x1.5	42	1.65	40.5	1.59

METRIC

Used extensively on Komatsu equipment this 30° flare connector has parallel metric threads and is sometimes confused with JIS 30° flare which has BSPP threads.

BSPP

Dash Size	Inch Size	Thread	Male Thread O.D.		Female Thread I.D.	
			mm	in	mm	in
-2	1/8	1/8 - 28	9.4	.37	8.1	.32
-4	1/4	1/4 - 19	13.7	.53	12.4	.49
-6	3/8	3/8 - 19	17.2	.68	16.0	.62
-8	1/2	1/2 - 14	21.5	.84	19.8	.77
-10	5/8	5/8 - 14	23.1	.91	20.6	.81
-12	3/4	3/4 - 14	26.9	1.06	25.4	1.00
-16	1	1 - 11	34.0	1.34	31.8	1.25
-20	1 1/4	1 1/4 - 11	42.6	1.68	40.4	1.59
-24	1 1/2	1 1/2 - 11	48.5	1.90	46.2	1.81
-32	2	2	60.4	2.37	58.2	2.29

BSPP

This Japanese connector is similar to the American 37° JIC flare except for the 30° seat angle. The straight (parallel) threads are the same as BSPP.

THREAD IDENTIFICATION KITS



NPT/UN THREAD ID KIT COMPLETE

NPT/UN Thread Identification for male and female SAE threads includes: NPT/NPSM, O-Ring Face Seal, 37° JIC, Flareless, Straight Thread O-Ring, 45° Flare, Inverted Flare and Brass Compression.

Kit includes:

- Carrying case
- 45 anodized aluminum gauges sized from 1/8-27 to 2 1/2-12 for Pipe and 5/16-24 to 2 1/2-12 for UN/UNF 2A/2B threads,
- Thread and Port Guide book
- Laminated NPT/UN Thread ID chart.

PATENTED



METRIC ID KIT COMPLETE

International Thread Identification for male and female threads includes: M8 x 1.0 through M52 x 2.0 metric thread gauges and 1/8-28 BSPP through 2-11 BSPP thread gauges.

Kit includes:

- Carrying case
- 31 anodized aluminum gauges
- Thread and Port Guide book

PATENTED

*All gauges threaded with both male and female ends
for quick and easy identification.*

NOTES:

Mission Statement

We support the quality of our customers...
We believe in the value of our vendors...
We respect the contributions of our employees...

Since 1985, Fittings Unlimited, Inc. has dedicated itself to service, quality and engineering performance in the distribution of hydraulic fittings and adapters. FUI is your World Class Connection for quality products, service, timely delivery and competitive pricing. Our 55,000 square foot warehouse located in Dallas, Texas and 42,000 additional square feet in

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Cleveland, Ohio,
Salt Lake City, Utah,
Atlanta, Georgia and
Ontario, Canada

allow for superior service throughout North America. We provide customers with a single quality source to purchase multiple product lines thus reducing their vendor base, freight costs and purchasing/accounting costs.

Todd Y. Shallcross
President

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