



**FITTINGS UNLIMITED, INC.**

*Adapter & Fitting Specialist*

# DOMESTIC STEEL ADAPTERS


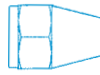







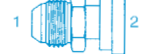

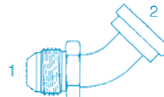

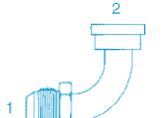
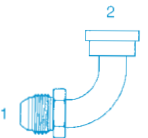
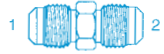





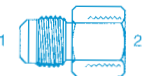



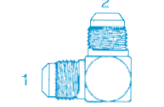
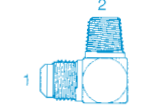
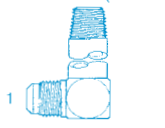
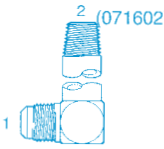
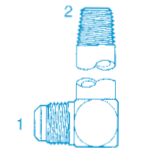
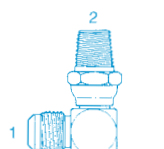
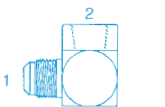
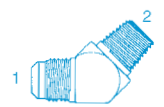

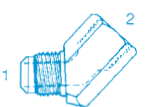
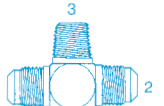
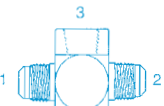
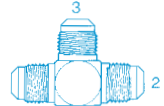
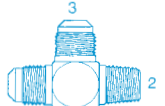
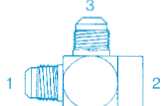

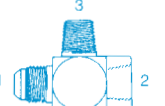
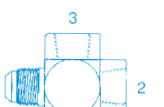
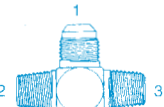
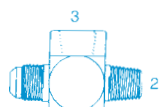
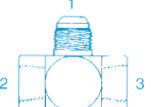
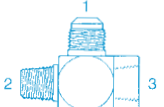
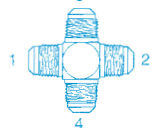
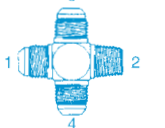
Dallas, Texas  
(800) 348-8467  
Fax (817) 860-8517

Cleveland, Ohio  
(800) 348-8467  
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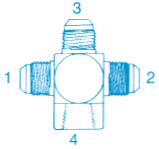
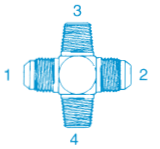
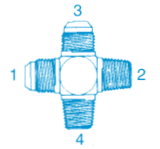
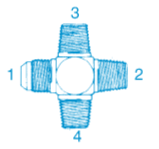
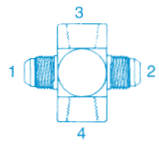
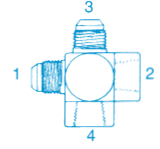
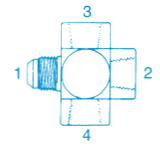
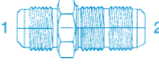
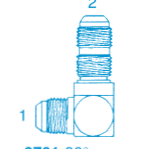

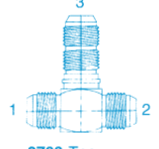



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Fax (713) 672-8101

Salt Lake City, Utah  
(800) 348-8467  
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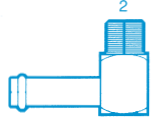

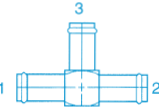
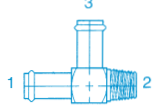
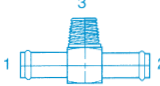
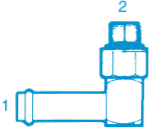


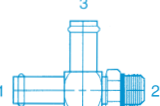

# TUBE FITTINGS, J.I.C.-S.A.E

Dash Number	2	3	4	5	6	8	10	12	14	16	20	24	32
Tube O.D.	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2
Straight Thread	$\frac{5}{16}$ -24	$\frac{3}{8}$ -24	$\frac{1}{16}$ -20	$\frac{1}{2}$ -20	$\frac{9}{16}$ -18	$\frac{3}{4}$ -16	$\frac{7}{8}$ -14	$1\frac{1}{16}$ -12	$1\frac{3}{16}$ -12	$1\frac{5}{16}$ -12	$1\frac{5}{8}$ -12	$1\frac{7}{8}$ -12	$2\frac{1}{2}$ -12
Pipe Thread Std.	$\frac{1}{8}$ -27	$\frac{1}{8}$ -27	$\frac{1}{8}$ -27	$\frac{1}{8}$ -27	$\frac{1}{4}$ -18	$\frac{3}{8}$ -18	$\frac{1}{2}$ -14	$\frac{3}{4}$ -14	$\frac{3}{4}$ -14	1-11 $\frac{1}{2}$	$1\frac{1}{4}$ -11 $\frac{1}{2}$	$1\frac{1}{2}$ -11 $\frac{1}{2}$	2-11 $\frac{1}{2}$
 302-Short Nut	(070111)  304-Standard Nut	(070112)  304-C Cap Nut	(070118)  306-Bulkhead Lock Nut	(070117)  306-N Adjustable Lock Nut	(070110)  318-Tube Nut	(070115)  319-Tube Sleeve							
 618-Flareless Tube Nut	 619-Flareless Tube Sleeve	 1700-61-Str. 3000 PSI (1) Male Tube (2) *O*Ring Flange	 1700-62-Str. 6000 PSI (1) Male Tube (2) *O*Ring Flange	 1703-61-45° 3000 PSI (1) Male Tube (2) *O*Ring Flange	 1703-62-45° 6000 PSI (1) Male Tube (2) *O*Ring Flange	 1704-61-90° 3000 PSI (1) Male Tube (2) *O*Ring Flange							
 1704-62-90° 6000 PSI (1) Male Tube (2) *O*Ring Flange	(070101)  2403-Str. (1) & (2) Male Tube Union	(070119)  2403-LH-Str. (1) & (2) Male Tube Union Large Hex	(070102)  2404-Str. (1) Male Tube (2) Male Pipe	(070102L)  2404-L-Str. (1) Male Tube (2) Male Pipe - Long	(070102L)  2404-LL-Str. (1) Male Tube (2) Male Pipe - Ex. Long	(070102L)  2404-LLL-Str. (1) Male Tube (2) Male Pipe - Ex. Ex. Long							
(070103)  2405-Str. (1) Male Tube (2) Fem. Pipe	(070123)  2406-Str. Reducer & Expander (1) 37° Fem. (2) Male Tube	(070109)  2407-Str. Reducer Less Nut (1) 37° Fem. (2) Male Tube	(070109)  2408 (1) Male Tube Plug	(070201)  2500-90° (1) (2) Male Tube	(070202)  2501-90° (1) Male Tube (2) Male Pipe	(071502)  2501-L-90° (1) Male Tube (2) Male Pipe - Long							
(071602)  2501-LL-90° (1) Male Tube (2) Male Pipe - Ex. Long	(070203)  2501-LLL-90° (1) Male Tube (2) Male Pipe - Ex. Ex. Long	(070203)  2501-S-90° (1) Male Tube (2) Male Pipe Swivel	(070203)  2502-90° (1) Male Tube (2) Female Pipe	(070302)  2503-45° (1) Male Tube (2) Male Pipe	(070301)  2504-45° (1) (2) Male Tube	(070301)  2505-45° (1) Male Tube (2) Fem. Pipe							
(070425)  2601-Tee (1) (2) Male Tube (3) Male Pipe	(070427)  2602-Tee (1) (2) Male Tube (3) Female Pipe	(070401)  2603-Tee (1) (2) (3) Male Tube	(070424)  2605-Tee (1) (3) Male Tube (2) Male Pipe	(070426)  2606-Tee (1) (3) Male Tube (2) Fem. Pipe	(070426)  2607-Tee (1) Male Tube (2) (3) Male Pipe	(070434)  2608-Tee (1) Male Tube (2) Fem. Pipe (3) Male Pipe							
 2609-Tee (1) Male Tube (2) (3) Fem. Pipe	(070435)  2610-Tee (1) Male Tube (2) (3) Male Pipe	(070435)  2611-Tee (1) Male Tube (2) Male Pipe (3) Fem. Pipe	(070435)  2612-Tee (1) Male Tube (2) (3) Fem. Pipe	(070435)  2613-Tee (1) Male Tube (2) Male Pipe (3) Fem. Pipe	(070501)  2650-Cross (1) (2) (3) (4) Male Tube	(070434)  2651-Cross (1) (3) (4) Male Tube (2) Male Pipe							

## TUBE FITTINGS, Continued

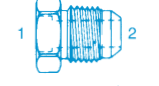
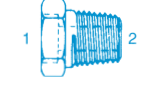

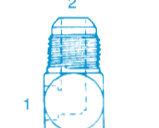
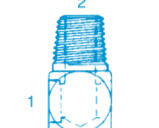
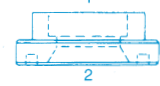
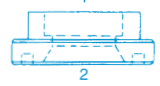
 <p><b>2652-Cross</b> (1) (2) (3) Male Tube (4) Fem. Pipe</p>	 <p><b>2653-Cross</b> (1) (2) Male Tube (3) (4) Male Pipe</p>	 <p><b>2654-Cross</b> (1) (3) Male Tube (2) (4) Male Pipe</p>	 <p><b>2655-Cross</b> (1) Male Tube (2) (3) (4) Male Pipe</p>	 <p><b>2656-Cross</b> (1) (2) Male Tube (3) (4) Fem. Pipe</p>	 <p><b>2657-Cross</b> (1) (3) Male Tube (2) (4) Fem. Pipe</p>	 <p><b>2658-Cross</b> (1) Male Tube (2) (3) (4) Fem. Pipe</p>
(070601)	(070701)	(070801)	(070959)	(070958)		
 <p><b>2700-Str.</b> (1) Male Tube (2) Bulkhead</p>	 <p><b>2701-90°</b> (1) Male Tube (2) Bulkhead</p>	 <p><b>2702-45°</b> (1) Male Tube (2) Bulkhead</p>	 <p><b>2703-Tee</b> (1) (2) Male Tube (3) Bulkhead</p>	 <p><b>2704-Tee</b> (1) (3) Male Tube (2) Bulkhead</p>	 <p><b>2705-Str.</b> (1) Bulkhead (2) Fem. Pipe</p>	 <p><b>2706-Str.</b> (1) Bulkhead (2) Male Pipe</p>

## BEADED HOSE ADAPTERS

(430160)	(430260)	(430360)				
 <p><b>4404-Str.</b> (1) Beaded (2) Male Pipe</p>	 <p><b>4501-90°</b> (1) Beaded (2) Male Pipe</p>	 <p><b>4503-45°</b> (1) Beaded (2) Male Pipe</p>	 <p><b>4504-Tee</b> (1) (2) (3) Beaded</p>	 <p><b>4505-Tee</b> (1) (3) Beaded (2) Male Pipe</p>	 <p><b>4506-Tee</b> (1) (2) Beaded (3) Male Pipe</p>	 <p><b>4601-NWO-90°</b> (1) Beaded (2) Adj. "O"Ring</p>
 <p><b>4603-NWO-45°</b> (1) Beaded (2) Adj. "O"Ring</p>	 <p><b>4604-0-Str.</b> (1) Beaded (2) Male "O"Ring</p>	 <p><b>4605-NWO-Tee</b> (1) (3) Beaded (2) Adj. "O"Ring</p>	 <p><b>4606-NWO-Tee</b> (1) (2) Beaded (3) Adj. "O"Ring</p>			

## BRAZE FITTINGS FOR TUBING

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








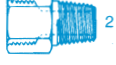





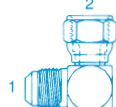

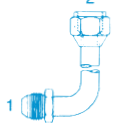
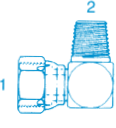
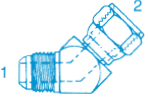
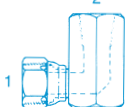


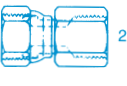
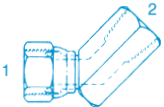
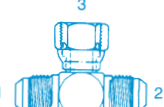
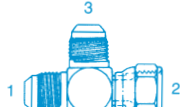
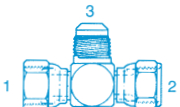
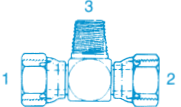
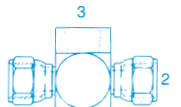
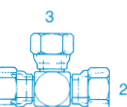
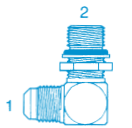
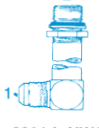

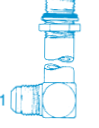


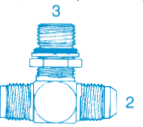
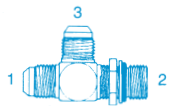
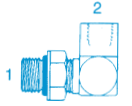
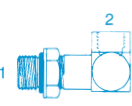

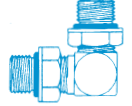




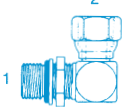

 <p><b>403-Str.</b> (1) Bore (2) Male Tube</p>	 <p><b>404-Str.</b> (1) Bore (2) Male Pipe</p>	 <p><b>405-Str.</b> (1) Bore (2) Fem. Pipe</p>	 <p><b>500-90°</b> (1) Bore (2) Male Tube</p>	 <p><b>501-90°</b> (1) Bore (2) Male Pipe</p>	 <p><b>3300-61</b> (1) (2) 3000 PSI Flange</p>	 <p><b>3300-62</b> (1) (2) 6000 PSI Flange</p>
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## FLANGES

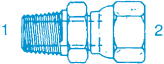






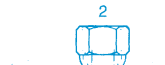





 <p><b>3000 PSI</b></p> <p><b>SFK-61</b> Split Flange Kit Code 61</p>	 <p><b>6000 PSI</b></p> <p><b>SFK-62</b> Split Flange Kit Code 62</p>	 <p><b>SF-W43K</b> Female Pipe Flange Pad Kit</p>	 <p><b>SF-P</b> Flange Plug</p>	 <p><b>4000-17</b> "O"Ring – For Split Flange</p>
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# TUBE FITTINGS, Continued ADJUSTABLE & "O"-RING FITTINGS

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


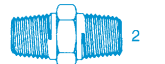





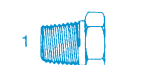



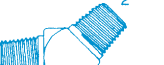




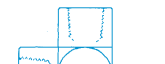












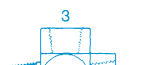
 <p><b>4000 - "O" Ring</b> Buna-N 90 Duro.</p>	 <p>(070120) <b>6400-0-Str.</b> (1) Male Tube (2) Male "O"Ring</p>	 <p>(070122) <b>6400-L-0-Str.</b> (1) Male Tube (2) Male "O"Ring - Long</p>	 <p><b>6400-LL-0-Str.</b> (1) Male Tube (2) Male "O"Ring - Ex. Long</p>	 <p><b>6400-LLL-0-Str.</b> (1) Male Tube (2) Male "O"Ring - Ex.- Ex. Long</p>	 <p><b>6401-0-Str.</b> (1) Male "O"Ring (2) Male Pipe</p>	 <p><b>6402-0-Str.</b> (1) Male "O"Ring (2) 37° Fem. Swivel</p>
 <p><b>6404-Str.</b> (1) Fem. "O"Ring (2) Male Pipe</p>	 <p><b>6405-0</b> (1) Male "O"Ring (2) Fem. Pipe</p>	 <p><b>6408-0-Str.</b> (1) Male "O"Ring Plug</p>	 <p><b>6408-HHP-0</b> Hollow Hex Male "O"Ring Plug</p>	 <p><b>6410-0-Str.</b> (1) Male "O"Ring (2) Fem. "O"Ring</p>	 <p><b>6464-NWO</b> (1) Male "O"Ring (2) Adj. "O"Ring</p>	 <p>(070221) <b>6500-90°</b> (1) Male Tube (2) 37° Fem. Swivel</p>
 <p><b>6500-L-90°</b> (1) Male Tube (2) 37° Fem. Swivel - Long</p>	 <p><b>6500-LL-90°</b> (1) Male Tube (2) 37° Fem. Swivel - Ex. Long</p>	 <p><b>6501-90°</b> (1) 37° Fem. Swivel (2) Male Pipe</p>	 <p><b>6502-45°</b> (1) Male Tube (2) 37° Fem. Swivel</p>	 <p><b>6503-90°</b> (1) 37° Fem. Swivel (2) Fem. Pipe</p>	 <p><b>6504-Str.</b> (1) Male Tube (2) 37° Fem. Swivel</p>	 <p><b>6505-Str.</b> (1) 37° Fem. Swivel (2) Male Pipe</p>
 <p><b>6506-Str.</b> (1) 37° Fem. Swivel (2) Fem. Pipe</p>	 <p><b>6507-45°</b> (1) 37° Fem. Swivel (2) Fem. Pipe</p>	 <p>(070433) <b>6600-Tee</b> (1) (2) Male Tube (3) 37° Fem. Swivel</p>	 <p>(070432) <b>6602-Tee</b> (1) (3) Male Tube (2) 37° Fem. Swivel</p>	 <p><b>6603-Tee</b> (1) (2) 37° Fem. Swivel (3) Male Tube</p>	 <p><b>6604-Tee</b> (1) (2) 37° Fem. Swivel (3) Male Pipe</p>	 <p><b>6605-Tee</b> (1) (2) 37° Fem. Swivel (3) Fem. Pipe</p>
 <p><b>6606-Tee</b> (1) (2) (3) 37° Fem. Swivel</p>	 <p>(070220) <b>6801-NWO-90°</b> (1) Male Tube (2) Adj. "O"Ring</p>	 <p><b>6801-L-NWO-90°</b> (1) Male Tube (2) Adj. "O"Ring - Long</p>	 <p><b>6801-LL-NWO-90°</b> (1) Male Tube (2) Adj. "O"Ring - Ex. Long</p>	 <p><b>6801-LLL-NWO-90°</b> (1) Male Tube (2) Adj. "O"Ring - Ex.- Ex. Long</p>	 <p><b>6801-S-0-90°</b> (1) Male Tube (2) Male "O"Ring Swivel</p>	 <p>(070320) <b>6802-NWO-45°</b> (1) Male Tube (2) Adj. "O"Ring</p>
 <p>(070429) <b>6803-NWO-Tee</b> (1) (2) Male Tube (3) Adj. "O"Ring</p>	 <p>(070428) <b>6804-NWO-Tee</b> (1) (3) Male Tube (2) Adj. "O"Ring</p>	 <p><b>6805-NWO-90°</b> (1) Adj. "O"Ring (2) Fem. Pipe</p>	 <p><b>6805-LL-NWO-90°</b> (1) Adj. "O"Ring (2) Fem. Pipe</p>	 <p><b>6806-NWO-90°</b> (1) Adj. "O"Ring (2) Male Pipe</p>	 <p><b>6807-NWO-90°</b> (1) (2) Adj. "O"Ring</p>	 <p><b>6808-NWO-45°</b> (1) (2) Adj. "O"Ring</p>
 <p><b>6809-NWO-90°</b> (1) Adj. "O"Ring (2) 37° Fem. Swivel</p>	 <p><b>6810-NWO-45°</b> (1) Adj. "O"Ring (2) 37° Fem. Swivel</p>	 <p><b>6900-0-Str.</b> (1) Male "O"Ring (2) Fem. Pipe Swivel</p>	 <p><b>6901-NWO-90°</b> (1) Adj. "O"Ring (2) Fem. Pipe Swivel</p>	 <p><b>6902-NWO-45°</b> (1) Adj. "O"Ring (2) Fem. Pipe Swivel</p>		

# PIPE ADAPTER UNIONS

Dash Number	2	4	6	8	12	16	20	24	32
Pipe Th'd 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)	 <b>1404-Str.</b> (1) Male Pipe (2) Fem. Pipe Swivel	 <b>RESTRICTOR'S 1404-R-Str.</b> (1) Male Pipe (2) Fem. Pipe Swivel	(140131)  <b>1405-Str.</b> (1) Fem. Pipe (2) Fem. Pipe Swivel	 <b>1406-Str.</b> (1) (2) Fem. Pipe Swivel	(140230)  <b>1501-90°</b> (1) Male Pipe (2) Fem. Pipe Swivel	 <b>1501-LL-90°</b> (1) Male Pipe (2) Fem. Pipe Swivel			
 <b>RESTRICTOR'S 1501-R-90°</b> (1) Male Pipe (2) Fem. Pipe Swivel	 <b>1502-90°</b> (1) Male Pipe (2) Fem. Pipe Swivel	(140330)  <b>1503-45°</b> (1) Male Pipe (2) Fem. Pipe Swivel	 <b>1504-45°</b> (1) Fem. Pipe (2) Fem. Pipe Swivel	 <b>1601-Tee</b> (1) Male Pipe (2) (3) Fem. Pipe Swivel	 <b>1602-Tee</b> (1) Fem. Pipe (2) (3) Fem. Pipe Swivel	 <b>1603-Tee</b> (1) (2) (3) Fem. Pipe Swivel			

# PIPE FITTINGS

(Refer to "Adapter Union" Chart, above, for sizes)

(140138)  <b>5000-Str.</b> (1) (2) Fem. Pipe	(140137)  <b>5404-Str.</b> (1) (2) Male Pipe	 <b>5404-N-Str. Nipple</b> (1) (2) Male Pipe	(140139)  <b>5405-Str. Reducer</b> (1) Male Pipe (2) Fem. Pipe	(140140)  <b>5406-Str. Bushing</b> (1) Male Pipe (2) Fem. Pipe	 <b>5406-C</b> (1) Pipe Cap	 <b>5406-HHP</b> Hollow Hex PipePlug			
(130109E)  <b>5406-P-Plug</b> (1) Pipe Plug	 <b>5406-SHP</b> Square Head Plug	 <b>5500-90°</b> (1) (2) Male Pipe	 <b>5500-S-90°</b> (1) Male Pipe (2) Male Pipe Swivel	 <b>5501-45°</b> (1) (2) Male Pipe	(140239)  <b>5502-90°</b> (1) Male Pipe (2) Fem. Pipe	 <b>5502-S-90°</b> (1) Male Pipe Swivel (2) Fem. Pipe			
 <b>5502-SB-90°</b> (1) Male Pipe (2) Fem. Pipe	(140339)  <b>5503-45°</b> (1) Male Pipe (2) Fem. Pipe	(140238)  <b>5504-90°</b> (1) (2) Fem. Pipe	(140338)  <b>5505-45°</b> (1) (2) Fem. Pipe	 <b>5600-Tee</b> (1) (2) (3) Male Pipe	 <b>5601-Tee</b> (1) (2) Male Pipe (3) Fem. Pipe	(140424)  <b>5602-Tee</b> (1) Male Pipe (2) (3) Fem. Pipe			
 <b>5603-Tee</b> (1) (3) Male Pipe (2) Fem. Pipe	(140425)  <b>5604-Tee</b> (1) (2) Fem Pipe (3) Male Pipe	(140438)  <b>5605-Tee</b> (1) (2) (3) Fem Pipe	 <b>5650-Cross</b> (1) (2) (3) (4) Male Pipe	 <b>5651-Cross</b> (1) (2) (3) Male Pipe (4) Fem. Pipe	 <b>5652-Cross</b> (1) (2) (3) (4) Fem. Pipe	 <b>5653-Cross</b> (1) (2) Male Pipe (3) (4) Fem. Pipe			
 <b>5654-Cross</b> (1) (3) Male Pipe (2) (4) Fem. Pipe	 <b>5655-Cross</b> (1) Male Pipe (2) (3) (4) Fem. Pipe								

# OTHER STOCKING ITEMS:

## BRASS

- BAB-C – Air Brake - Copper Tubing
- BAB-HE – Air Brake - Hose End
- BAB-N – Air Brake - Nylon Tubing
- BC – Compression
- BC-L – Compression - Long Nut
- BC-SA – Compression - Self Align
- BDC – Drain Cock
- BF – 45° Flare
- BFL – Fuel Line
- BGH – Garden Hose
- BHB – Hose Barb
- BIF – Inverted Flare
- SIF – Steel Inverted Flare
- BIF – Inverted Flare Brake
- BJ – J.I.C.
- BMB – Mini Barb
- BNV – Needle Valve
- BP – Pipe
- BPC – Push Connect
- BPF – Poly Fittings
- BPF – Poly Fittings - Kwik Connect
- BPG – Precision Grip
- BPO – Push-on
- BTS – Threaded Sleeve
- BV – Valve
- B-QC – Brass Quick Connects

## STEEL

- FL – Flareless Compression
- OFS – “O” Ring Face Seal
- SLS – Steel Live Swivels
- ST – Steel Hydraulic Tubing
- S-QC – Steel Quick Connects
- FT – Flaring & Bending Tools

## METRIC

- BPP – British Parallel Pipe
- BST – British Standard Taper
- M – Metric
- M-FL – Metric Flareless
- JISBP – British 30° Flare & Coneseat
- JISM – Metric 30° Flareseat
- BRASS METRIC
- M-ST – Metric Steel Hydraulic Tubing

## STAINLESS STEEL

- SS – Stainless Steel
- SS-FL – Stainless Steel Flareless
- SS-PO – Stainless Steel Push-On
- SS-LS – Stainless Steel Live Swivels
- SS-ST – Stainless Steel Hydraulic Tubing

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