

GENERAL FITTING INFORMATION

Most brass fitting have a temperature range of 65° below to +250°F and can be used on copper, brass, aluminum, plastic tubing and welded steel (except compression is NOT recommended for steel tubing). Working pressures vary by type and size of tubing used and style of fittings in general, however, based on .032 wall copper tubing, the pressures may range as follows: Flare connections from 1/8" O.D. to 3/4" O.D. have a working pressure from 600 to 3,000 PSI depending on size. Compression connections have a working pressure from 100 to 400 PSI depending on size. Pipe fittings have a working pressure up to 1200 PSI. Plastic tubing generally has a maximum working pressure up to 150 PSI.

SPECIFICATIONS

TEMPERATURE: -65° to +250°F

WORKING PRESSURE: Temperature and type of tubing must be considered for proper fitting selection. The following is based on 70°F.

COMPRESSION FITTING

Copper Tube O.D.	PSI	Tube Wall Inches
1/8"	400	.030
3/16"	400	.030
1/4"	300	.030
5/16"	300	.032
3/8"	200	.032
1/2"	200	.032
5/8"	150	.035
3/4"	100	.035
7/8"	75	.035

FLARE FITTING

Copper Tube O.D.	PSI	Tube Wall Inches
1/8"	2800	.030
3/16"	1900	.030
1/4"	1400	.030
5/16"	1200	.032
3/8"	900	.032
1/2"	700	.032
5/8"	640	.035
3/4"	550	.035
7/8"	450	.035

THREAD SIZE ON STANDARD COMPRESSION FITTINGS

Fitting	Thread Size
1/8"	5/16" x 24
3/16"	3/8" x 24
1/4"	7/16" x 24
5/16"	1/2" x 24
3/8"	9/16" x 24
7/16"	5/8" x 24
1/2"	11/16" x 20
5/8"	13/16" x 18
3/4"	1" x 18
7/8"	1 1/8" x 18

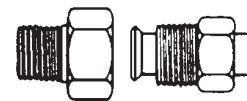


THREAD SIZE ON STANDARD FLARE FITTINGS

Fitting	Thread Size
1/8"	5/16" x 24
3/16"	3/8" x 24
1/4"	7/16" x 20
5/16"	1/2" x 20
3/8"	5/8" x 18
7/16"	11/16" x 16
1/2"	3/4" x 16
5/8"	7/8" x 14
3/4"	1 1/16" x 14
7/8"	1 1/4" x 12
1"	1 3/8" x 12



FLARE



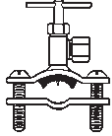
INVERTED FLARE



VALVES



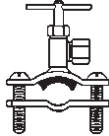
Saddle Tee



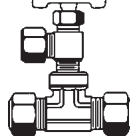
#604-C



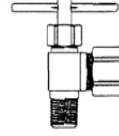
C-Clamp Style



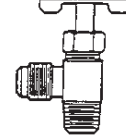
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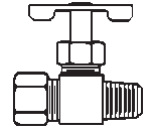
#78



#103-C



#103-SAE



#101-C

DESCRIPTION

BULK

QTY

BULK UPC

QTY

CARDED

CTN. QTY.

SADDLE TEES • To Clamp Over Pipe • 1/2" FIP Outlet

1/2" IPS Steel pipe x 1/2" FIP	17-0548	5	DISCONTINUED			
1/2" Copper pipe x 1/2" FIP	17-0550	5				
3/4" IPS Steel pipe x 1/2" FIP	17-0552	5				
For RO System 1-1/2" Tubular x 1/4" Compression	17-0560	5			17-0561	6
For RO System 1-1/2" Tubular x 3/8" Compression	17-0562	5			17-0563	6

#604-C SADDLE VALVE • Self Tapping Valve • 3/8" thru 1-3/8" Copper Tubing

1/4" Compression outlet	17-0600	10			17-0601	6
1/4" Compression outlet C- Clamp Style					17-0651	6

#104-C SADDLE VALVE • Fits 1/2" or 3/4" Pipe

1/4" Compression outlet	17-0610	10			17-0611	6
5/16" Compression outlet	17-0616	5			17-0617	6
3/8" Compression outlet	17-0630	5			17-0631	6

#78 ANGLE VALVE • With Compression Tee

3/8" Compression tee x 1/4" valve outlet					17-8395	6
5/8" Compression tee x 1/4" valve outlet					17-8391	6

#103-C ANGLE NEEDLE VALVE • Compression Outlet x Male Pipe Inlet

1/4" Compression x 1/8" MIP	17-1108	10	*17-1108U	10/Bag	17-1109	6
1/4" Compression x 1/4" MIP	17-1110	10	*17-1110U	10/Bag	17-1111	6
5/16" Compression x 1/8" MIP	17-1116	10			17-1117	6
5/16" Compression x 1/4" MIP	17-1118	10			17-1119	6
3/8" Compression x 1/8" MIP	17-1126	10			17-1127	6
3/8" Compression x 1/4" MIP	17-1128	10	*17-1128U	10/Bag	17-1129	6

#103-SAE ANGLE NEEDLE VALVE • Male Flare Outlet x Male Pipe Inlet

1/4" Flare x 1/8" MIP	17-1208	10				
1/4" Flare x 1/4" MIP	17-1210	10				
5/16" Flare x 1/8" MIP	17-1216	10				
5/16" Flare x 1/4" MIP	17-1218	10				
3/8" Flare x 1/4" MIP	17-1228	10				

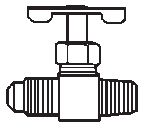
#101-C STRAIGHT NEEDLE VALVE • Compression Outlet x Male Pipe Inlet

3/16" Compression x 1/8" MIP	17-1306	10				
1/4" Compression x 1/8" MIP	17-1308	10	*17-1308U	10/Bag	17-1309	6
1/4" Compression x 1/4" MIP	17-1310	10	*17-1310U	10/Bag	17-1311	6
5/16" Compression x 1/8" MIP	17-1306	10			17-1317	6
3/8" Compression x 1/4" MIP	17-1328	10	*17-1328U	10/Bag	17-1329	6

NOTE: * = Sold Only by the Bag



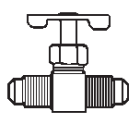
VALVES



#104-SAE

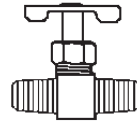


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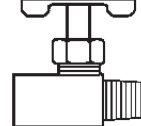


#110-SAE

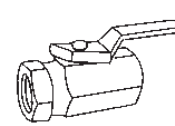
#130-P



#108-P



#132-P



MINI
BALL VALVES



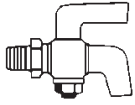
CHROME
VALVES

DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
#104-SAE STRAIGHT NEEDLE VALVE • Male Flare Outlet x Male Pipe Inlet						
1/4" Flare x 1/8" MIP	17-1408	10			17-1409	6
1/4" Flare x 1/4" MIP	17-1410	10			17-1411	6
5/16" Flare x 1/8" MIP	17-1416	10				
5/16" Flare x 1/4" MIP	17-1418	10				
3/8" Flare x 1/4" MIP	17-1428	10				
#106-C STRAIGHT NEEDLE VALVE • Compression x Compression						
3/16" x 3/16"	17-1506	10			17-1507	6
1/4" x 1/4"	17-1510	10	17-1510U	10/Bag	17-1511	6
5/16" x 5/16"	17-1516	10			17-1517	6
3/8" x 3/8"	17-1530	10	17-1530U	10/Bag	17-1531	6
#110-SAE STRAIGHT NEEDLE VALVE • Flare x Flare						
1/4" x 1/4"	17-1610	10			17-1611	6
5/16" x 5/16"	17-1616	10				
3/8" x 3/8"	17-1630	10			17-1631	6
#130-P STRAIGHT NEEDLE VALVE • Female Pipe x Female Pipe						
1/8" x 1/8"	17-1700	10			17-1701	6
1/4" x 1/4"	17-1710	10			17-1711	6
#108-P STRAIGHT NEEDLE VALVE • Male Pipe x Male Pipe						
1/8" x 1/8"	17-1800	10			17-1801	6
1/4" x 1/4"	17-1810	10			17-1811	6
#132-P STRAIGHT NEEDLE VALVE • Male Pipe x Female Pipe						
1/8" x 1/8"	17-1900	10			17-1901	6
1/4" x 1/4"	17-1910	10			17-1911	6
MINI BRASS BALL VALVES						
1/8" FIP x 1/8" MIP	17-0900	5			17-0901	6
1/4" FIP x 1/4" MIP	17-0902	5			17-0903	6
1/8" FIP x 1/8" FIP	17-0910	5			17-0915	6
1/4" FIP x 1/4" FIP	17-0912	5			17-0913	6
1/4" MIP x 1/4" MIP	17-0920	5			17-0921	6
1/4" Barb x 1/4" MIP	17-0930	5			17-0935	6
3/8" Barb x 1/4" MIP	17-0932	5			17-0933	6
1/4" Compression x 1/4" Compression	17-0950	5			17-0995	6
1/4" Tube x 1/4" MIP	17-0940	5			17-0941	6
1/4" Tube x 1/8" MIP Angle Chrome Plated	17-0938	5			17-0939	6
1/4" Tube x 1/4" FIP Angle Chrome Plated	17-0936	5			17-0937	6
1/4" Tube x 1/8" MIP Straight Chrome Plated	17-0942	5			17-0943	6
1/4" Barb x Barb Plastic Ball Valve	17-0970	5			17-0971	6
1/4" FIP Check Valve	17-0960	5			17-0961	6
3/4" FIP Check Valve	17-0962	5			17-0963	6

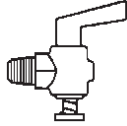
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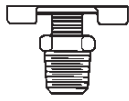
VALVES



Male Bent Nose
Drain Cock



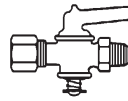
Internal Seat
Drain Cock



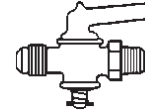
External Seat
Drain Cock



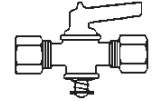
Cooler
Drain



Shut Off
Cock



Shut Off
Cock

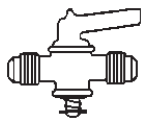


Shut Off
Cock

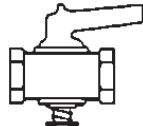
DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
BRASS DRAIN COCKS • Male Pipe / Bent Nose / Lever Handle						
1/8"	17-2000	5				
1/4"	17-2010	5			17-2011	6
3/8"	17-2030	5				
1/2"	17-2048	5				
INTERNAL SEAT DRAIN COCK						
1/8" Male Pipe	17-2100	5			17-2101	6
1/4" Male Pipe	17-2110	5			17-2111	6
3/8" Male Pipe	17-2130	5			17-2131	6
EXTERNAL SEAT DRAIN COCK						
1/8"	17-2200	5	17-2200U	10/Bag	17-2201	6
1/4"	17-2210	5	17-2210U	10/Bag	17-2211	6
3/8"	17-2230	5	17-2230U	10/Bag	17-2231	6
COOLER DRAIN						
Thru Tank • 1/2" FIP x 3/4 Male Hose Thread	17-2248	5			17-2249	6
Cooler Drain Lock Nut Only	17-2250	5				
Cooler Drain Washer Only	17-2252	5				
SHUT OFF COCKS						
1/4" x 1/8" Compression x Male Pipe	17-2308	5				
1/4" x 1/4" Compression x Male Pipe	17-2310	5			17-2311	6
5/16" x 1/8" Compression x Male Pipe	17-2316	5				
5/16" x 1/4" Compression x Male Pipe	17-2318	5				
3/8" x 1/4" Compression x Male Pipe	17-2328	5				
3/8" x 3/8" Compression x Male Pipe	17-2330	5				
1/2" x 3/8" Compression x Male Pipe	17-2346	5				
1/2" x 1/2" Compression x Male Pipe	17-2348	5				
1/4" X 1/8" Male Flare x Male Pipe	17-2408	5				
1/4" x 1/4" Male Flare x Male Pipe	17-2410	5				
5/16" x 1/8" Male Flare x Male Pipe	17-2416	5				
5/16" x 1/4" Male Flare x Male Pipe	17-2418	5				
3/8" x 1/4" Male Flare x Male Pipe	17-2428	5				
3/8" x 3/8" Male Flare x Male Pipe	17-2430	5				
3/8" x 1/2" Male Flare x Male Pipe	17-2432	5				
1/2" x 3/8" Male Flare x Male Pipe	17-2446	5				
1/2" x 1/2" Male Flare x Male Pipe	17-2448	5				
1/4" x 1/4" Compression x Compression	17-2510	5			17-2511	6
5/16" x 5/16" Compression x Compression	17-2516	5			17-2517	6
3/8" x 3/8" Compression x Compression	17-2530	5			17-2531	6
1/2" x 1/2" Compression x Compression	17-2548	5			17-2549	6



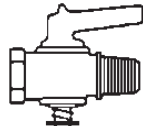
VALVES



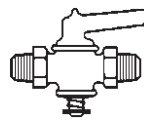
Shut Off
Cock



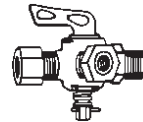
Shut Off
Cock



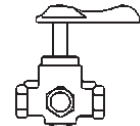
Shut Off
Cock



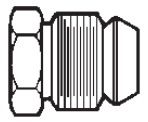
Shut Off
Cock



Shut Off
Cock



Shut Off
Cock



Break-A-Way
Nut

DESCRIPTION

BULK

QTY

BULK UPC

QTY

CARDED

CTN. QTY.

SHUT OFF COCKS CONTINUED

1/4" x 1/4" Male Flare x Male Flare	17-2610	5				
5/16" x 5/16" Male Flare x Male Flare	17-2616	5				
3/8" x 3/8" Male Flare x Male Flare	17-2630	5				
1/2" x 1/2" Male Flare x Male Flare	17-2648	5				
1/8" x 1/8" Female Pipe x Female Pipe	17-2800	5			17-2801	6
1/4" x 1/4" Female Pipe x Female Pipe	17-2810	5			17-2811	6
3/8" x 3/8" Female Pipe x Female Pipe	17-2830	5			17-2831	6
1/8" x 1/8" Female Pipe x Male Pipe	17-2900	5			17-2901	6
1/4" x 1/4" Female Pipe x Male Pipe	17-2910	5			17-2911	6
3/8" x 3/8" Female Pipe x Male Pipe	17-2930	5			17-2931	6
1/8" x 1/8" Male Pipe x Male Pipe	17-3000	5			17-3001	6
1/4" x 1/4" Male Pipe x Male Pipe	17-3010	5			17-3011	6
3/8" x 3/8" Male Pipe x Male Pipe	17-3030	5			17-3031	6

3-WAY VALVES

1/4" Compression x 1/8" MIP x 1/4" Compression	17-2708	5				
1/4" x 1/4" x 1/4" Female Pipe	17-3110	5			17-3111	6
3/8" x 3/8" x 3/8" Female Pipe	17-3130	5			17-3131	6

#181 BREAK - AWAY NUTS

1/8" Nut	17-0406	10			17-0407	6
3/16"	17-0408	10				
1/4" Thermocouple Nut (UPC are 2per Pack)	17-0410	10	*17-0410U	10/Bag	17-0411	6
5/16" Nut	17-0412	10				
3/8" Nut	17-0414	10				
1/2" Nut	DISC					

Note: * = Sold Only by the Bag



INVERTED FLARE

INVERTED FLARE : Fitting Size

1/8"
3/16"
1/4"
5/16"

Thread Size

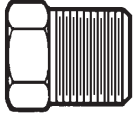
5/16-28
3/8-24
7/16-24
1/2-20

Fitting Size

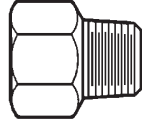
3/8"
1/2"
5/8"

Thread Size

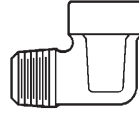
5/8-18
3/4-18
7/8-18



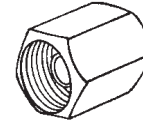
Inverted
Flare Nut



Inverted
Male Adapter



Inverted
Male Ell



Inverted
Union

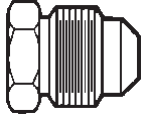
DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
#41-IN INVERTED FLARE NUT						
1/8"	17-0100	5			17-0101	6
3/16"	17-0102	5			17-0103	6
1/4"	17-0110	5			17-0111	6
5/16"	17-0116	5			17-0117	6
3/8"	17-0130	5			17-0131	6
1/2"	17-0148	5			17-0149	6
5/8"	17-0156	5				
#48-IN INVERTED FLARE x MALE PIPE ADAPTER						
1/8" x 1/8" MIP	17-0200	5			17-0201	6
3/16" x 1/8" MIP	17-0202	5			17-0203	6
1/4" x 1/8" MIP	17-0208	5			17-0209	6
1/4" x 1/4" MIP	17-0210	5			17-0211	6
5/16" x 1/8" MIP	17-0216	5			17-0217	6
5/16" x 1/4" MIP	17-0218	5			17-0219	6
3/8" x 1/8" MIP	17-0226	5			17-0227	6
3/8" x 1/4" MIP	17-0228	5			17-0229	6
3/8" x 3/8" MIP	17-0230	5			17-0231	6
1/2" x 1/4" MIP	17-0244	5				
1/2" x 3/8" MIP	17-0246	5				
1/2" x 1/2" MIP	17-0248	5				
5/8" x 1/2" MIP	17-0254	5				
#49-IN INVERTED FLARE x MALE PIPE ELBOW						
3/8" x 1/8" MIP	17-0302	5				
1/4" x 1/8" MIP	17-0308	5				
1/4" x 1/4" MIP	17-0310	5				
5/16" x 1/8" MIP	17-0316	5				
5/16" x 1/4" MIP	17-0318	5				
3/8" x 1/8" MIP	17-0326	5				
3/8" x 1/4" MIP	17-0328	5				
3/8" x 3/8" MIP	17-0330	5				
1/2" x 1/4" MIP	17-0344	5				
1/2" x 3/8" MIP	17-0346	5				
1/2" x 1/2" MIP	17-0348	5				
5/8" x 1/2" MIP	17-0354	5				
#42-IN INVERTED UNION FEMALE x FEMALE						
1/8"	17-0360	5			17-0361	6
3/16"	17-0362	5			17-0363	6
1/4"	17-0364	5			17-0365	6
5/16"	17-0366	5			17-0367	6
3/8"	17-0368	5			17-0369	6
1/2"	17-0370	5			17-0371	6



FLARE FITTINGS

Tube Size	Thread Size
1/8"	5/16-24
3/16"	3/8-24
1/4"	7/16-20
5/16"	1/2-20
3/8"	5/8-18
7/16"	11/16-16

Tube Size	Thread Size
1/2"	3/4-16
5/8"	7/18-14
3/4"	11/16-14
7/8"	1-1/4-12
15/16"	



Flare Plug



Flare Cap

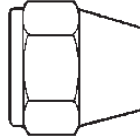
DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
#39 FLARE PLUG • Male Flare Plug						
3/16"	17-3906	10				
1/4"	17-3910	10	17-3910U	10/Bag	17-3911	6
5/16"	17-3920	10			17-3921	6
3/8"	17-3930	10	17-3930U	10/Bag	17-3931	6
1/2"	17-3948	10	17-3948U	10/Bag	17-3949	6
5/8"	17-3956	10			17-3957	6
3/4"	17-3968	10				
#40 FLARE CAP • Female Flare Cap						
3/16"	17-4006	10				
1/4"	17-4010	10	17-4010U	10/Bag	17-4011	6
5/16"	17-4020	10			17-4021	6
3/8"	17-4030	10	17-4030U	10/Bag	17-4031	6
1/2"	17-4048	10	17-4048U	10/Bag	17-4049	6
5/8"	17-4056	10	17-4056U	10/Bag	17-4057	6
3/4"	17-4068	10				
15/16" New Gas Valve	17-4074	10	17-4074U	10/Bag	17-4075	6



FLARE FITTINGS

Tube Size	Thread Size
1/8"	5/16-24
3/16"	3/8-24
1/4"	7/16-20
5/16"	1/2-20
3/8"	5/8-18
7/16"	1 1/16-16

Tube Size	Thread Size
1/2"	3/4-16
5/8"	7/18-14
3/4"	1 1/16-14
7/8"	1-1/4-12
15/16"	



Flare
Nut

DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
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#41 FLARE NUT • Tube x Female Flare

1/8"	17-4100	10			17-4101	6
3/16"	17-4106	10				
1/4"	17-4110	10	17-4110U	10/Bag	17-4111	6
5/16"	17-4120	10			17-4121	6
3/8"	17-4130	10	17-4130U	10/Bag	17-4131	6
7/16"	17-4140	10			17-4141	6
1/2"	17-4148	10	17-4148U	10/Bag	17-4149	6
5/8"	17-4156	10	17-4156U	10/Bag	17-4157	6
3/4"	17-4168	10			17-4169	6
7/8"	17-4172	10				
1/4" x 3/16" Reducing	17-4104	10				
5/16" x 1/4" Reducing	17-4118	10				
3/8" x 5/16" Reducing	17-4122	10				
3/8" x 1/4" Reducing	17-4128	10				
1/2" x 3/8" Reducing	17-4146	10				
5/8" x 3/8" Reducing	17-4152	10				
5/8" x 1/2" Reducing	17-4154	10				
3/4" x 5/8" Reducing	17-4158	10				
3/4" x 1/2" Reducing	17-4166	10				

#41 FLARE NUT • Tube x Female Flare

1/4" Forged Flare Nut	17-4182	10			17-4183	6
3/8" Forged Flare Nut	17-4186	10			17-4187	6
1/2" Forged Flare Nut	17-4190	10			17-4191	6
5/8" Forged Flare Nut	17-4194	10			17-4195	6



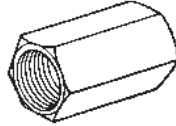
FLARE FITTINGS



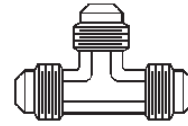
Flare
Union



Flare
Gasket



Female Flare
Union



Flare
Tee

DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
#42 FLARE UNION • Male Flare x Male Flare						
1/8"	17-4200	10			17-4201	6
3/16"	17-4206	10				
1/4"	17-4210	10	17-4210U	10/Bag	17-4211	6
5/16"	17-4220	10			17-4221	6
3/8"	17-4230	10	17-4230U	10/Bag	17-4231	6
1/2"	17-4248	10	17-4248U	10/Bag	17-4249	6
5/8"	17-4256	10			17-4257	6
3/4"	17-4268	10				
7/8"	17-4272	10				
1/4" x 3/16"	17-4204	10				
5/16" x 1/4"	17-4218	10				
3/8" x 5/16"	17-4222	10			17-4223	6
3/8" x 1/4"	17-4228	10			17-4229	6
1/2" x 1/4"	17-4244	10				
1/2" x 3/8"	17-4246	10	17-4246U	10/Bag	17-4247	6
5/8" x 3/8"	17-4252	10			17-4253	6
5/8" x 1/2"	17-4254	10			17-4255	6
3/4" x 5/8"	17-4258	10				
3/4" x 1/2"	17-4266	10				

FLARE GASKET • Copper Gasket for Female Flare

1/4"	17-4300	10				
3/8"	17-4302	10				
1/2"	17-4304	10				
5/8"	17-4306	10				

#43 FEMALE UNION • Female Flare x Female Flare

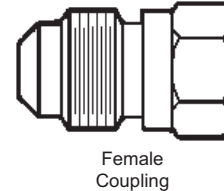
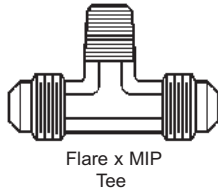
1/4"	17-4310	10			17-4311	6
3/8"	17-4330	10			17-4331	6
1/2"	17-4348	10			17-4349	6

#44 FLARE TEE • Flare x Flare x Flare

1/8"	17-4400	10				
3/16"	17-4406	10				
1/4"	17-4410	10	17-4410U	10/Bag	17-4411	6
5/16"	17-4420	10			17-4421	6
3/8"	17-4430	10	17-4430U	10/Bag	17-4431	6
1/2"	17-4448	10	17-4448U	10/Bag	17-4449	6
5/8"	17-4456	10			17-4457	6
3/4"	17-4468	10				



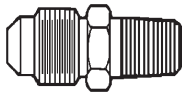
FLARE FITTINGS



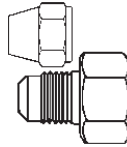
DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
#45 TEE • Flare x Flare x Male Pipe						
1/8"	17-4500	10				
1/4"	17-4510	10			17-4511	6
3/8"	17-4530	10			17-4531	6
1/2"	17-4548	10			17-4549	6
3/16" x 3/16" x 1/8"	17-4502	10				
1/4" x 1/4" x 1/8"	17-4508	10				
1/4" x 1/4" x 3/8"	17-4512	10				
5/16" x 5/16" x 1/8"	17-4516	10				
5/16" x 5/16" x 1/4"	17-4518	10				
3/8" x 3/8" x 1/8"	17-4526	10				
3/8" x 3/8" x 1/4"	17-4528	10			17-4529	6
3/8" x 3/8" x 1/2"	17-4532	10			17-4533	6
1/2" x 1/2" x 3/8"	17-4546	10			17-4547	6
5/8" x 5/8" x 1/2"	17-4554	10			17-4555	6
#46 FEMALE COUPLING • Male Flare x Female Pipe						
1/8" x 1/8"	17-4600	10				
3/16" x 1/8"	17-4602	10				
1/4" x 1/8"	17-4608	10	17-4608U	10/Bag	17-4609	6
1/4" x 1/4"	17-4610	10	17-4610U	10/Bag	17-4611	6
1/4" x 3/8"	17-4612	10	17-4612U	10/Bag	17-4613	6
1/4" x 1/2"	17-4614	10			17-4615	6
5/16" x 1/8"	17-4616	10				
5/16" x 1/4"	17-4618	10			17-4619	6
5/16" x 3/8"	17-4622	10			17-4623	6
3/8" x 1/8"	17-4626	10			17-4627	6
3/8" x 1/4"	17-4628	10	17-4628U	10/Bag	17-4629	6
3/8" x 3/8"	17-4630	10	17-4630U	10/Bag	17-4631	6
3/8" x 1/2"	17-4632	10	17-4632U	10/Bag	17-4633	6
3/8" x 3/4"	17-4634	10			17-4635	6
1/2" x 1/4"	17-4644	10			17-4645	6
1/2" x 3/8"	17-4646	10	17-4646U	10/Bag	17-4647	6
1/2" x 1/2"	17-4648	10	17-4648U	10/Bag	17-4649	6
1/2" x 3/4"	17-4650	10	17-4650U	10/Bag	17-4651	6
5/8" x 3/8"	17-4652	10			17-4653	6
5/8" x 1/2"	17-4654	10	17-4654U	10/Bag	17-4655	6
5/8" x 3/4"	17-4658	10	17-4658U	10/Bag	17-4659	6
3/4" x 1/2"	17-4666	10			17-4667	6
3/4" x 3/4"	17-4668	10			17-4669	6
15/16" x 1/2" New Gas Valve	17-4676	10	17-4676U	10/Bag	17-4677	6
15/16" x 3/4" New Gas Valve	17-4678	10	17-4678U	10/Bag	17-4679	6
7/8" x 3/4" Mobile Home Flex	17-4690	10				
7/8" x 1" Mobile Home Flex	17-4692	10				
3/8" x 1/2" Steel	17-4636	10			17-4637	6
1/2" x 1/2" Steel	17-4642	10			17-4643	6



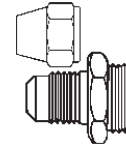
FLARE FITTINGS



Male
Adapter



Female Hose
Adapter



Male Hose
Adapter

DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
#48 MALE COUPLING • Male Flare x Male Pipe						
1/8" x 1/8"	17-4800	10				
3/16" x 1/8"	17-4802	10			17-4803	6
3/16" x 1/4"	17-4804	10				
1/4" x 1/8"	17-4808	10	17-4808U	10/Bag	17-4809	6
1/4" x 1/4"	17-4810	10	17-4810U	10/Bag	17-4811	6
1/4" x 3/8"	17-4812	10	17-4812U	10/Bag	17-4813	6
1/4" x 1/2"	17-4814	10			17-4815	6
5/16" x 1/8"	17-4816	10			17-4817	6
5/16" x 1/4"	17-4818	10			17-4819	6
5/16" x 3/8"	17-4822	10			17-4823	6
5/16" x 1/2"	17-4824	10			17-4825	6
3/8" x 1/8"	17-4826	10			17-4827	6
3/8" x 1/4"	17-4828	10	17-4828U	10/Bag	17-4829	6
3/8" x 3/8"	17-4830	10	17-4830U	10/Bag	17-4831	6
3/8" x 1/2"	17-4832	10	17-4832U	10/Bag	17-4833	6
3/8" x 3/4"	17-4834	10			17-4835	6
1/2" x 1/4"	17-4844	10	17-4844U	10/Bag	17-4845	6
1/2" x 3/8"	17-4846	10	17-4846U	10/Bag	17-4847	6
1/2" x 1/2"	17-4848	10	17-4848U	10/Bag	17-4849	6
1/2" x 3/4"	17-4850	10	17-4850U	10/Bag	17-4851	6
5/8" x 3/8"	17-4852	10			17-4853	6
5/8" x 1/2"	17-4854	10	17-4854U	10/Bag	17-4855	6
5/8" x 3/4"	17-4858	10			17-4859	6
3/4" x 1/2"	17-4866	10			17-4867	6
3/4" x 3/4"	17-4868	10			17-4869	6
15/16" x 1/2" New Gas Valve	17-4876	10	17-4876U	10/Bag	17-4877	6
15/16" x 3/4" New Gas Valve	17-4878	10	17-4878U	10/Bag	17-4879	6
3/8" x 1/2" Steel	17-4836	10			17-4837	6
1/2" x 1/2" Steel	17-4842	10			17-4843	6
7/8" x 3/4" Mobile Home Flex	17-4890	10				
7/8" x 1" Mobile Home Flex	17-4892	10				

HOSE ADAPTERS • Male Flare x Female Hose

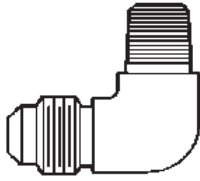
3/8" x Female Hose	17-3234	50
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HOSE ADAPTERS • Male Flare x Male Hose

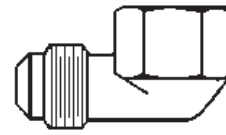
3/8" x Male Hose	17-3334	50
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FLARE FITTINGS



Flare x Male
Elbow

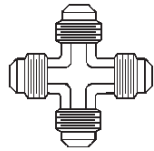


Flare x Female
Elbow

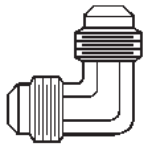
DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
#49 ELBOW • Male Flare x Male Pipe						
1/8" x 1/8"	17-4900	10				
3/16" x 1/8"	17-4902	10				
3/16" x 1/4"	17-4904	10				
1/4" x 1/8"	17-4908	10	17-4908U	10/Bag	17-4909	6
1/4" x 1/4"	17-4910	10			17-4911	6
1/4" x 3/8"	17-4912	10			17-4913	6
1/4" x 1/2"	17-4914	10				
5/16" x 1/8"	17-4916	10				
5/16" x 1/4"	17-4918	10				
5/16" x 3/8"	17-4922	10				
5/16" x 1/2"	17-4924	10				
3/8" x 1/8"	17-4926	10				
3/8" x 1/4"	17-4928	10	17-4928U	10/Bag	17-4929	6
3/8" x 3/8"	17-4930	10	17-4930U	10/Bag	17-4931	6
3/8" x 1/2"	17-4932	10	17-4932U	10/Bag	17-4933	6
3/8" x 3/4"	17-4934	10				
1/2" x 1/4"	17-4944	10				
1/2" x 3/8"	17-4946	10			17-4947	6
1/2" x 1/2"	17-4948	10	17-4948U	10/Bag	17-4949	6
1/2" x 3/4"	17-4950	10			17-4951	6
5/8" x 3/8"	17-4952	10				
5/8" x 1/2"	17-4954	10			17-4955	6
5/8" x 3/4"	17-4958	10			17-4959	6
3/4" x 1/2"	17-4966	10				
3/4" x 3/4"	17-4968	10				
#50 ELBOW • Male Flare x Female Pipe						
3/16" x 1/8"	17-5002	10				
1/4" x 1/8"	17-5008	10				
1/4" x 1/4"	17-5010	10			17-5011	6
1/4" x 3/8"	17-5012	10				
5/16" x 1/8"	17-5018	10				
5/16" x 1/4"	17-5020	10				
3/8" x 1/8"	17-5026	10				
3/8" x 1/4"	17-5028	10				
3/8" x 3/8"	17-5030	10	17-5030U	10/Bag	17-5031	6
3/8" x 1/2"	17-5032	10	17-5032U	10/Bag	17-5033	6
3/8" x 3/4"	17-5034	10				
1/2" x 1/4"	17-5044	10				
1/2" x 3/8"	17-5046	10	17-5046U	10/Bag	17-5047	6
1/2" x 1/2"	17-5048	10	17-5048U	10/Bag	17-5049	6
1/2" x 3/4"	17-5050	10			17-5051	6
5/8" x 1/2"	17-5054	10			17-5055	6
5/8" x 3/4"	17-5058	10			17-5059	6
3/4" x 3/4"	17-5068	10				
15/16" x 3/4" New Gas Valve	17-5078	10			17-5079	6
5/8" x 3/4" Steel	17-5060	10				



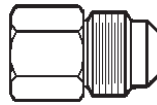
FLARE FITTINGS



Flare
Cross



Flare
Elbow



Flare
Reducer



Flare
Swivel

DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
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#52 CROSS • Flare x Flare x Flare x Flare

1/4"	17-5210	10				
5/16"	17-5220	10				
3/8"	17-5230	10				
1/2"	17-5248	10				
5/8"	17-5256	10				

#55 ELBOW • Flare x Flare

1/8"	17-5500	10				
3/16"	17-5506	10				
1/4"	17-5510	10			17-5511	6
5/16"	17-5520	10			17-5521	6
3/8"	17-5530	10			17-5531	6
1/2"	17-5548	10			17-5549	6
5/8"	17-5556	10				
3/8" x 1/4"	17-5732	10				
1/2" x 3/8"	17-5750	10				
5/8" x 3/8"	17-5758	10				
5/8" x 1/2"	17-5760	10				

#58 FLARE REDUCER • Female x Male Flare

1/4" x 3/8"	17-5812	10			17-5813	6
3/8" x 1/4"	17-5828	10			17-5829	6
3/8" x 1/2"	17-5832	10	17-5832U	10/Bag	17-5833	6
1/2" x 3/8"	17-5846	10	17-5846U	10/Bag	17-5847	6
1/2" x 5/8"	17-5852	10	17-5852U	10/Bag	17-5853	6
5/8" x 1/2"	17-5854	10	17-5854U	10/Bag	17-5855	6
5/8" x 15/16" Converts old 5/8 Gas Valve to New 15/16 Gas Flex	17-5858	10	17-5858U	10/Bag	17-5859	6

#59 FLARE SWIVEL • Female Flare x Female Flare

1/4"	17-5910	10	17-5910U	10/Bag	17-5911	6
5/16"	17-5920	10			17-5921	6
3/8"	17-5930	10	17-5930U	10/Bag	17-5931	6
1/2"	17-5948	10	17-5948U	10/Bag	17-5949	6
5/8"	17-5956	10			17-5957	6



COMPRESSION FITTINGS

Tube Size

1/8"
3/16"
1/4"
5/16"
3/8"

Thread Size

5/16-24
3/8-24
7/16-24
1/2-24
9/16-24

Tube Size

7/16"
1/2"
5/8"
3/4"
7/8"

Thread Size

5/8-24
11/16-20
13/16-18
1-18
1-1/8-18



Derlin Sleeve



Derlin Insert



Brass Insert



Combo Kit



Universal Brass Insert



Compression Sleeve

DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
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DERLIN SLEEVE • Used with brass insert to adapt compression fitting to plastic tubing

1/4"	17-0710	100	*17-0710U	40/Bag		
5/16"	17-0716	100	*17-0716U	40/Bag		
3/8"	17-0730	100	*17-0730U	40/Bag		
1/2"	17-0748	100	*17-0748U	40/Bag		
5/8"	17-0750	100				

* 4 Pcs/Unit Poly Bag • 10Bags/per Master • Sold only by Master

BRASS INSERT • Used with derlin sleeve to adapt compression fitting to plastic tubing

1/4"	17-0810	100	*17-0810U	40/Bag		
5/16"	17-0816	100	*17-0816U	40/Bag		
3/8"	17-0830	100	*17-0830U	40/Bag		
1/2"	17-0848	100	*17-0848U	40/Bag		
5/8"	17-0850	100				
1/4" Derlin Insert	17-0808	100				

* 4 Pcs/Unit Poly Bag • 10Bags/per Master • Sold only by Master

COMBO KIT • (2) Pcs Derlin Sleeve and Brass Insert in a Snap Pack

1/4"			*17-0911U	10/Bag	17-0911	6
5/16"			17-0917U	10/Bag	17-0917	6
3/8"			17-0931U	4/Bag	17-0931	6
1/2"			17-0949U	4/Bag	17-0949	6
5/8"					17-0955	6

UNIVERSAL BRASS INSERT • Takes the place of derlin sleeve & brass insert • In one piece

1/4"	17-0800	10			17-0801	6
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#60 COMPRESSION SLEEVE

1/8"	17-6000	10	*17-6000U	40/Bag	17-6001	6+
3/16"	17-6006	10	*17-6006U	40/Bag	17-6007	6+
1/4"	17-6010	10	*17-6010U	40/Bag	17-6011	6+
5/16"	17-6020	10	*17-6020U	40/Bag	17-6021	6+
3/8"	17-6030	10	*17-6030U	40/Bag	17-6031	6+
7/16"	17-6040	10			17-6041	6+
1/2"	17-6048	10	*17-6048U	40/Bag	17-6049	6+
5/8"	17-6056	10	*17-6056U	40/Bag	17-6057	6+
3/4"	17-6068	10			17-6069	6+
7/8"	17-6072	10	17-6072U	10/Bag	17-6073	6+

+ 2 Pcs/Snap Pack
* 4 Pcs/Unit Poly Bag • 10Bags/per Master • Sold only by Master



COMPRESSION FITTINGS



Compression Nut



Combo Kit



Captive Nut and Sleeve



Compression Cap

DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
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#61 COMPRESSION NUT

1/8"	17-6100	10	*17-6100U	40/Bag	17-6101	6+
3/16"	17-6106	10	*17-6106U	40/Bag	17-6107	6+
1/4"	17-6110	10	*17-6110U	40/Bag	17-6111	6+
5/16"	17-6120	10	*17-6120U	40/Bag	17-6121	6+
3/8"	17-6130	10	*17-6130U	10/Bag	17-6131	6+
3/8" Chrome Plated	17-6134	10				
7/16"	17-6140	10			17-6141	6+
1/2"	17-6148	10	*17-6148U	40/Bag	17-6149	6+
5/8"	17-6156	10	*17-6156U	10/Bag	17-6157	6+
3/4"	17-6168	10			17-6169	6+
7/8"	17-6172	10	*17-6172U	10/Bag	17-6173	6+
5/8" Chrome Plated	17-6176	10			17-6177	6

+ 2 Pcs/Snap Pack
 * 4 Pcs/Unit Poly Bag • 10Bags/per Master • Sold only by Master

COMBO KIT • 1 Each Compression Nut and Sleeve in Snap Pack

1/4"			*17-6114U	10/Bag	17-6115	6
5/16"					17-6125	6
3/8" Chrome Plated					17-6135	6
3/8"					17-6137	6
7/16"					17-6145	6
1/2"					17-6151	6
5/8"					17-6161	6
5/8" Chrome Plated					17-6177	6

CAPTIVE SLEEVE COMPRESSION NUT

1/4"	17-6116	10			17-6117	6
3/8"	17-6138	10			17-6139	6
1/2"	17-6152	10			17-6153	6

#61-CX COMPRESSION CAP

1/4"	17-6180	10	*17-6180U	40/Bag	17-6181	6
5/16"	17-6182	10	*17-6182U	40/Bag	17-6183	6
3/8"	17-6184	10	*17-6184U	40/Bag	17-6185	6
1/2"	17-6186	10	*17-6186U	10/Bag	17-6187	6
5/8"	17-6188	10	17-6188U	10/Bag	17-6189	6

* 4 Pcs/Unit Poly Bag • 10 Bags/per Master • Sold only by Master



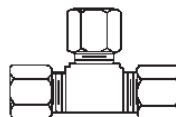
FLARE & COMPRESSION



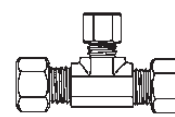
Compression Union



Compression Red. Union



Compression Tee



Compression Red. Tee

DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
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#62 COMPRESSION UNION

1/8"	17-6200	10	17-6200U	10/Bag	17-6201	6
3/16"	17-6206	10	17-6206U	10/Bag	17-6207	6
1/4"	17-6210	10	17-6210U	10/Bag	17-6211	6
5/16"	17-6220	10	17-6220U	10/Bag	17-6221	6
3/8"	17-6230	10	17-6230U	10/Bag	17-6231	6
7/16"	17-6240	10			17-6241	6
1/2"	17-6248	10	17-6248U	10/Bag	17-6249	6
5/8"	17-6256	10	17-6256U	10/Bag	17-6257	6
3/4"	17-6268	10			17-6269	6
7/8"	17-6272	10	17-6272U	10/Bag	17-6273	6

#62-R REDUCING COMPRESSION UNION

1/4" x 3/16"	17-6204	10			17-6205	6
1/4" x 1/8"	17-6208	10	17-6208U	10/Bag	17-6209	6
5/16" x 1/4"	17-6218	10	17-6218U	10/Bag	17-6219	6
3/8" x 5/16"	17-6222	10	17-6222U	10/Bag	17-6223	6
3/8" x 1/4"	17-6228	10	17-6228U	10/Bag	17-6229	6
1/2" x 3/8"	17-6246	10	17-6246U	10/Bag	17-6247	6
5/8" x 3/8"	17-6252	10	17-6252U	10/Bag	17-6253	6
5/8" x 1/2"	17-6254	10	17-6254U	10/Bag	17-6255	6

#64 COMPRESSION TEE

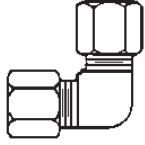
1/8"	17-6400	10			17-6401	6
3/16"	17-6406	10			17-6407	6
1/4"	17-6410	10	17-6410U	10/Bag	17-6411	6
5/16"	17-6420	10			17-6421	6
3/8"	17-6430	10	17-6430U	10/Bag	17-6431	6
7/16"	17-6440	10				
1/2"	17-6448	10	17-6448U	10/Bag	17-6449	6
5/8"	17-6456	10	17-6456U	10/Bag	17-6457	6
3/4"	17-6458	10				
7/8"	17-6460	10				

#64-R REDUCING COMPRESSION TEE

3/8" x 3/8" x 1/4"	17-6428	10	17-6428U	10/Bag	17-6429	6
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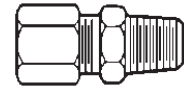
COMPRESSION FITTINGS



Compression Elbow



Compression Female Adapter



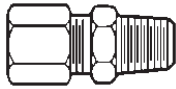
Compression Male Adapter

DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
#65 COMPRESSION ELBOW						
1/8"	17-6500	10			17-6501	6
3/16"	17-6506	10			17-6507	6
1/4"	17-6510	10	17-6510U	10/Bag	17-6511	6
5/16"	17-6520	10			17-6521	6
3/8"	17-6530	10	17-6530U	10/Bag	17-6531	6
7/16"	17-6540	10				
1/2"	17-6548	10	17-6548U	10/Bag	17-6549	6
5/8"	17-6556	10	17-6556U	10/Bag	17-6557	6
3/4"	17-6566	10				
7/8"	17-6568	10				
#66 COMPRESSION x FEMALE PIPE ADAPTER						
1/8" x 1/8"	17-6600	10			17-6601	6
3/16" x 1/8"	17-6606	10			17-6607	6
3/16" x 1/4"	17-6608	10			17-6609	6
1/4" x 1/8"	17-6610	10	17-6610U	10/Bag	17-6611	6
1/4" x 1/4"	17-6612	10	17-6612U	10/Bag	17-6613	6
1/4" x 3/8"	17-6614	10	17-6614U	10/Bag	17-6615	6
1/4" x 1/2"	17-6616	10	17-6616U	10/Bag	17-6617	6
5/16" x 1/8"	17-6620	10			17-6621	6
5/16" x 1/4"	17-6622	10	17-6622U	10/Bag	17-6623	6
5/16" x 3/8"	17-6624	10			17-6625	6
3/8" x 1/8"	17-6630	10			17-6631	6
3/8" x 1/4"	17-6632	10	17-6632U	10/Bag	17-6633	6
3/8" x 3/8"	17-6634	10	17-6634U	10/Bag	17-6635	6
3/8" x 1/2"	17-6636	10	17-6636U	10/Bag	17-6637	6
1/2" x 1/4"	17-6646	10				
1/2" x 3/8"	17-6648	10	17-6648U	10/Bag	17-6649	6
1/2" x 1/2"	17-6650	10	17-6650U	10/Bag	17-6651	6
5/8" x 1/2"	17-6656	10	17-6656U	10/Bag	17-6657	6
5/8" x 3/4"	17-6658	10			17-6659	6
3/4" x 1/2"	17-6666	10				
3/4" x 3/4"	17-6668	10				
7/8" x 1/2"	17-6672	10				
7/8" x 3/4"	17-6670	10	17-6670U	10/Bag		
3/8" x 3/8" CP	17-6682	10			17-6683	6
3/8" x 1/2" CP	17-6686	10			17-6687	6
#68 COMPRESSION x MALE PIPE ADAPTER						
1/8" x 1/8"	17-6800	10	17-6800U	10/Bag	17-6801	6
3/16" x 1/8"	17-6806	10	17-6806U	10/Bag	17-6807	6
3/16" x 1/4"	17-6808	10	17-6808U	10/Bag	17-6809	6
1/4" x 1/8"	17-6810	10	17-6810U	10/Bag	17-6811	6
1/4" x 1/4"	17-6812	10	17-6812U	10/Bag	17-6813	6
1/4" x 3/8"	17-6814	10	17-6814U	10/Bag	17-6815	6
1/4" x 1/2"	17-6816	10	17-6816U	10/Bag	17-6817	6
5/16" x 1/8"	17-6820	10	17-6820U	10/Bag	17-6821	6
5/16" x 1/4"	17-6822	10	17-6822U	10/Bag	17-6823	6

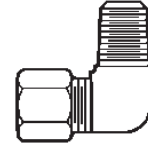
08/26/04



COMPRESSION FITTINGS



Compression
Male Adapter

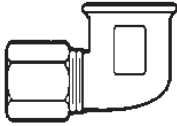


Compression
Male Elbow

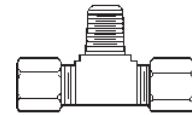
DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
#68 COMPRESSION x MALE PIPE ADAPTER CONTINUED						
5/16" x 3/8"	17-6824	10	17-6824U	10/Bag	17-6825	6
5/16" x 1/2"	17-6826	10	17-6826U	10/Bag	17-6827	6
3/8" x 1/8"	17-6830	10	17-6830U	10/Bag	17-6831	6
3/8" x 1/4"	17-6832	10	17-6832U	10/Bag	17-6833	6
3/8" x 3/8"	17-6834	10	17-6834U	10/Bag	17-6835	6
3/8" x 1/2"	17-6836	10	17-6836U	10/Bag	17-6837	6
3/8" x 3/4"	17-6838	10			17-6839	6
7/16" x 1/4"	17-6840	10			17-6841	6
7/16" x 3/8"	17-6842	10			17-6843	6
1/2" x 1/4"	17-6846	10	17-6846U	10/Bag	17-6847	6
1/2" x 3/8"	17-6848	10	17-6848U	10/Bag	17-6849	6
1/2" x 1/2"	17-6850	10	17-6850U	10/Bag	17-6851	6
1/2" x 3/4"	17-6852	10			17-6853	6
5/8" x 3/8"	17-6856	10			17-6857	6
5/8" x 1/2"	17-6858	10	17-6858U	10/Bag	17-6859	6
5/8" x 3/4"	17-6860	10	17-6860U	10/Bag	17-6861	6
3/4" x 1/2"	17-6866	10			17-6867	6
3/4" x 3/4"	17-6868	10			17-6869	6
7/8" x 1/2"	17-6872	10				
7/8" x 3/4"	17-6870	10	17-6870U	10/Bag	17-6871	6
3/8" x 3/8"	17-6882	10			17-6883	6
3/8" x 1/2"	17-6886	10			17-6887	6
#69 ELBOW • Compression x Male Pipe						
1/8" x 1/8"	17-6900	10			17-6901	6
3/16" x 1/8"	17-6902	10			17-6903	6
3/16" x 1/4"	17-6904	10			17-6905	6
1/4" x 1/8"	17-6908	10	17-6908U	10/Bag	17-6909	6
1/4" x 1/4"	17-6910	10	17-6910U	10/Bag	17-6911	6
1/4" x 3/8"	17-6912	10			17-6913	6
1/4" x 1/2"	17-6914	10			17-6915	6
5/16" x 1/8"	17-6916	10			17-6917	6
5/16" x 1/4"	17-6918	10			17-6919	6
5/16" x 3/8"	17-6920	10			17-6921	6
3/8" x 1/8"	17-6926	10	17-6926U	10/Bag	17-6927	6
3/8" x 1/4"	17-6928	10	17-6928U	10/Bag	17-6929	6
3/8" x 3/8"	17-6930	10	17-6930U	10/Bag	17-6931	6
3/8" x 1/2"	17-6932	10	17-6932U	10/Bag	17-6933	6
7/16" x 1/4"	17-6936	10			17-6937	6
7/16" x 3/8"	17-6970	10			17-6971	6
1/2" x 1/4"	17-6944	10			17-6945	6
1/2" x 3/8"	17-6946	10	17-6946U	10/Bag	17-6947	6
1/2" x 1/2"	17-6948	10	17-6948U	10/Bag	17-6949	6
1/2" x 3/4"	17-6950	10				
5/8" x 3/8"	17-6952	10				
5/8" x 1/2"	17-6954	10	17-6954U	10/Bag	17-6955	6
5/8" x 3/4"	17-6958	10			17-6959	6
3/4" x 1/2"	17-6966	10				
3/4" x 3/4"	17-6968	10				



COMPRESSION FITTINGS



COMP x FIP
Elbow



COMP x MIP
Tee

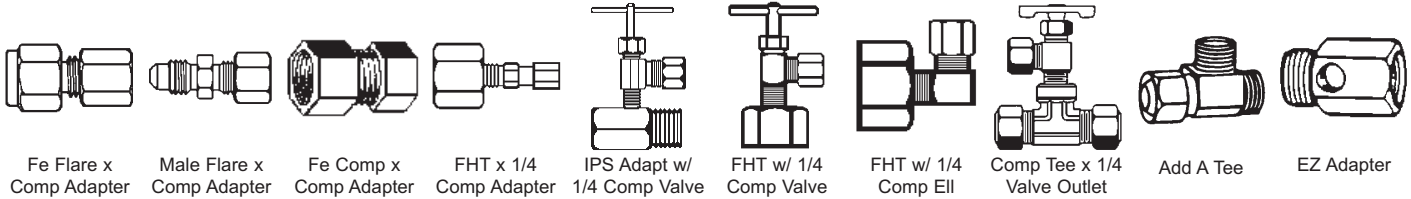
DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
#70 ELBOW • Compression x Female Pipe						
1/8" x 1/8"	17-7000	10				
3/16" x 1/8"	17-7002	10				
1/4" x 1/8"	17-7008	10			17-7009	6
1/4" x 1/4"	17-7010	10			17-7011	6
5/16" x 1/8"	17-7016	10				
5/16" x 1/4"	17-7018	10				
3/8" x 1/8"	17-7026	10				
3/8" x 1/4"	17-7028	10			17-7029	6
3/8" x 3/8"	17-7030	10			17-7031	6
3/8" x 1/2"	17-7032	10			17-7033	6
1/2" x 3/8"	17-7046	10			17-7047	6
1/2" x 1/2"	17-7048	10			17-7049	6
5/8" x 1/2"	17-7054	10			17-7055	6
3/8" x 3/8" Chrome Plated	17-7062	10			17-7063	6
3/8" x 1/2" Chrome Plated	17-7064	10			17-7065	6

#72 TEE • Compression x Male Pipe

1/8" x 1/8"	17-7200	10				
3/16" x 1/8"	17-7202	10				
1/4" x 1/8"	17-7208	10			17-7209	6
1/4" x 1/4"	17-7210	10			17-7211	6
5/16" x 1/8"	17-7216	10				
5/16" x 1/4"	17-7218	10				
3/8" x 1/8"	17-7226	10				
3/8" x 1/4"	17-7228	10			17-7229	6
3/8" x 3/8"	17-7230	10			17-7231	6
1/2" x 3/8"	17-7246	10			17-7247	6
1/2" x 1/2"	17-7248	10			17-7249	6
5/8" x 1/2"	17-7254	10			17-7255	6



SPECIAL • FLARE & COMPRESSION



DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
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SPECIAL FITTINGS

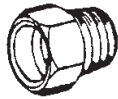
1/4" x 1/4" Female Flare x Compression Adapter	17-6750	10			17-6751	6
1/4" x 1/4" Male Flare x Compression Adapter	17-6752	10			17-6753	6
3/8" x 1/4" Female Compression x Compression	17-6754	10			17-6755	6
1/4" x 3/8" Female Compression x Compression	17-6758	10			17-6759	6
1/2" x 3/8" Female Compression x Compression	17-6760	10			17-6761	6
Female Hose Thread x 1/4" Compression					17-8381	6
1/2" IPS Adapter with 1/4" Compression Valve					17-8383	6
Female Hose Thread with 1/4" Compression Valve					17-8385	6
Female Hose Thread with 1/4" Compression 90° Ell					17-8387	6
Female Hose Swivel x 3/8" Compression Ell					17-8389	6
5/8" Compression Tee x 1/4" Valve Outlet					17-8391	6
3/8" Compression Tee x 1/4" Valve Outlet					17-8395	6
Female Hose Thread x 1/2" Male Flare	17-8402	10				

ADD - A - TEE • Adds an Outlet to your Angle Stop

3/8" x 3/8" x 1/4" Comp x Comp x Comp	06-9100	10			06-9101	6
3/8" x 3/8" x 3/8" Comp x Comp x Comp	06-9110	10			06-9111	6
1/2" x 1/2" x 1/4" IPS x IPS x Compression	06-9116	10			06-9117	6
1/2" x 1/2" x 3/8" IPS x IPS x Compression	06-9118	10			06-9119	6

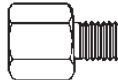
FEMALE COMPRESSION x MALE PIPE • Used with any 1/2" IPS Flexible Supply

1/4" x 1/2"	10-0010	10			10-0011	6
3/8" x 1/2"	10-0012	10			10-0013	6
7/16" x 1/2"	10-0014	10			10-0015	6
1/2" x 1/2"	10-0016	10			10-0017	6



FEMALE FLARE x MALE PIPE ADAPTER

1/4" x 1/8"	17-6780	10			17-6781	6
1/4" x 1/4"	17-6782	10			17-6783	6
3/8" x 1/4"	17-6784	10			17-6785	6
1/2" x 3/8"	17-6786	10			17-6787	6
1/2" x 1/2"	17-6788	10			17-6789	6



#44 EZ ADAPTER • Male Thread x Female Thread with 1/8" Female Pipe Outlet

Male Hose x Female Hose	17-8368	10			17-8369	6
1/2" Slip Joint x 1/2" Slip Joint	17-8438	10			17-8439	6
1/2" Male Pipe x 1/2" Female Pipe	17-8448	10			17-8449	6
3/4" Male Pipe x 3/4" Female Pipe	17-8468	10			17-8469	6
Washer for 1/2" Female Pipe	09-6500	12			09-6501	6



TEXAS FINE THREAD FLARE FITTINGS



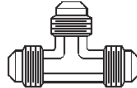
Flare Cap



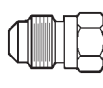
Flare Nut



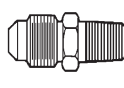
Flare Union



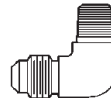
Flare Tee Union



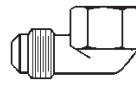
Female Flare Union



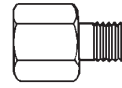
Male Flare Union



Male Elbow



Female Elbow



Flare x Compression Union



Nylon Gasket

DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
FLARE CAP						
3/8"	17-4032	10			17-4033	6
FLARE NUT						
3/8" Chrome Plated	17-4132	10			17-4133	6
3/8" Rough Brass	17-4134	10	17-4134U	10/Bag	17-4135	6
3/8" x 1/4" Reducing	17-4136	10				
1/2" Chrome Plated	17-4150	10			17-4151	6
FLARE UNION • Flare x Flare						
3/8"	17-4232	10	17-4232U	10/Bag	17-4233	6
FLARE TEE • Flare x Flare x Flare						
3/8"	17-4432	10	17-4432U	10/Bag	17-4433	6
FLARE UNION • Flare x Female Pipe						
3/8" x 3/8"	17-4670	10	17-4670U	10/Bag	17-4671	6
3/8" x 1/2"	17-4672	10	17-4672U	10/Bag	17-4673	6
3/8" x 3/4"	17-4674	10			17-4675	6
FLARE UNION • Flare x Male Pipe						
3/8" x 3/8"	17-4870	10	17-4870U	10/Bag	17-4871	6
3/8" x 1/2"	17-4872	10	17-4872U	10/Bag	17-4873	6
ELBOW • Flare x Male Pipe						
3/8" x 3/8"	17-4970	10			17-4971	6
3/8" x 1/2"	17-4972	10			17-4973	6
ELBOW • Flare x Female Pipe						
3/8" x 3/8"	17-5070	10			17-5071	6
3/8" x 1/2"	17-5072	10			17-5073	6
COMPRESSION UNION • Flare x Compression						
3/8" x 1/4"	17-6690	10			17-6691	6
3/8" x 3/8"	17-6692	10			17-6693	6
1/2" x 3/8"	17-6694	10			17-6695	6
NYLON GASKET • For Fine Thread Flare Fittings						
3/8"	17-6700	10				
1/2"	17-6702	10				

06/21/00



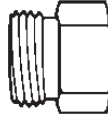
BRASS HOSE FITTINGS



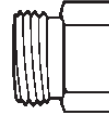
15-1700



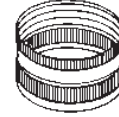
15-1706



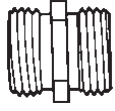
15-1712



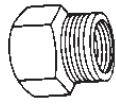
15-1718



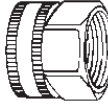
15-1764



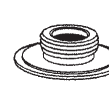
15-1702



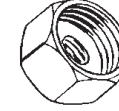
15-1708



15-1714



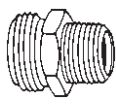
15-1750



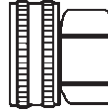
15-1766
thru
15-1769



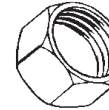
15-1704



15-1710



15-1716



15-1762

DESCRIPTION

BULK

QTY

BULK UPC

QTY

CARDED

CTN. QTY.

BRASS HOSE ADAPTERS

FHT x 1/2" MIP Swivel	15-1700	10	15-1700U	10/Bag	15-1701	6
MHT x MHT	15-1702	10	15-1702U	10/Bag	15-1703	6
FHT x FHT Swivel	15-1704	10	15-1704U	10/Bag	15-1705	6
MHT x 3/4" MIP x 1/2" FIP	15-1706	10	15-1706U	10/Bag	15-1707	6
FHT x 3/4" MIP x 1/2" FIP	15-1708	10	15-1708U	10/Bag	15-1709	6
MHT x 1/2" MIP	15-1710	10	15-1710U	10/Bag	15-1711	6
MHT x 3/4" FIP	15-1712	10	15-1712U	10/Bag	15-1713	6
FHT x 3/4" FIP Swivel	15-1714	10	15-1714U	10/Bag	15-1715	6
FHT x 1/2" FIP Swivel	15-1716	10	15-1716U	10/Bag	15-1717	6
MHT x 1" FIP	15-1718	10			15-1719	6

HOSE TO TRAP ADAPTER

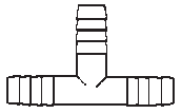
Hose to Trap Adapter	15-1750	10			15-1751	6
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BRASS HOSE CAPS

Hose Cap Heavy	15-1762	10	15-1762U	10/Bag	15-1763	6
Hose Cap Light	15-1764	10			15-1765	6
Hose Cap with 1/8" Tap	15-1766	10	15-1766U	10/Bag	15-1767	6
Hose Cap with 1/4" Tap	15-1768	10	15-1768U	10/Bag	15-1769	6



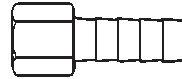
BRASS BARBED INSERT FITTINGS



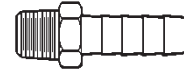
Barbed
Tee



Barbed
Coupling



FIP x Barb
Adapter



MIP x Barb
Adapter

DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
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BRASS BARBED INSERT FITTINGS • Size is I.D. of tubing used

TEE • Barb x Barb x Barb

1/8" x 1/8" x 1/8"	17-7400	10			17-7401	6
1/4" x 1/4" x 1/4"	17-7402	10			17-7403	6
3/8" x 3/8" x 3/8"	17-7404	10			17-7405	6

COUPLING • Barb x Barb

1/8" x 1/8"	17-7504	10			17-7505	6
3/16" x 3/16"	17-7506	10	17-7506U	10/Bag	17-7507	6
1/4" x 1/4"	17-7510	10	17-7510U	10/Bag	17-7511	6
5/16" x 5/16"	17-7516	10	17-7516U	10/Bag	17-7517	6
3/8" x 3/8"	17-7530	10	17-7530U	10/Bag	17-7531	6
1/2" x 1/2"	17-7548	10	17-7548U	10/Bag	17-7549	6

FEMALE HOSE ADAPTER • FIP x BARB

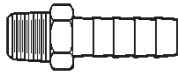
1/8" x 1/8"	17-7600	10			17-7601	6
1/8" x 3/16"	17-7602	10	17-7602U	10/Bag	17-7603	6
1/8" x 1/4"	17-7604	10	17-7604U	10/Bag	17-7605	6
1/8" x 5/16"	17-7606	10			17-7607	6
1/8" x 3/8"	17-7608	10			17-7609	6
1/4" x 1/4"	17-7610	10	17-7610U	10/Bag	17-7611	6
1/4" x 5/16"	17-7612	10	17-7612U	10/Bag	17-7613	6
1/4" x 3/8"	17-7614	10	17-7614U	10/Bag	17-7615	6
1/4" x 1/2"	17-7616	10	17-7616U	10/Bag	17-7617	6
3/8" x 1/4"	17-7630	10			17-7631	6
3/8" x 5/16"	17-7632	10			17-7633	6
3/8" x 3/8"	17-7634	10	17-7634U	10/Bag	17-7635	6
3/8" x 1/2"	17-7636	10	17-7636U	10/Bag	17-7637	6
1/2" x 3/8"	17-7648	10	17-7648U	10/Bag	17-7649	6
1/2" x 1/2"	17-7650	10	17-7650U	10/Bag	17-7651	6

MALE HOSE ADAPTER • MIP x BARB

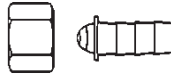
1/8" x 1/8"	17-7700	10	17-7700U	10/Bag	17-7701	6
1/8" x 3/16"	17-7702	10	17-7702U	10/Bag	17-7703	6
1/8" x 1/4"	17-7704	10	17-7704U	10/Bag	17-7705	6
1/8" x 5/16"	17-7706	10	17-7706U	10/Bag	17-7707	6
1/8" x 3/8"	17-7708	10	17-7708U	10/Bag	17-7709	6
1/4" x 3/16"	17-7710	10	17-7710U	10/Bag	17-7711	6
1/4" x 1/4"	17-7712	10	17-7712U	10/Bag	17-7713	6
1/4" x 5/16"	17-7714	10	17-7714U	10/Bag	17-7715	6
1/4" x 3/8"	17-7716	10	17-7716U	10/Bag	17-7717	6
1/4" x 1/2"	17-7718	10	17-7718U	10/Bag	17-7719	6



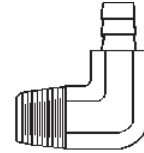
BRASS BARBED INSERT FITTINGS



MIP x Barb
Adapter



FIP x Barb
Swivel Adapter



MIP x Barb
Ell

DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
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MALE HOSE ADAPTER • MIP x BARB • Continued

3/8" x 1/4"	17-7730	10	17-7730U	10/Bag	17-7731	6
3/8" x 3/8"	17-7732	10	17-7732U	10/Bag	17-7733	6
3/8" x 1/2"	17-7734	10	17-7734U	10/Bag	17-7735	6
3/8" x 5/8"	17-7736	10	17-7736U	10/Bag	17-7737	6
1/2" x 1/4"	17-7746	10	17-7746U	10/Bag	17-7747	6
1/2" x 3/8"	17-7748	10	17-7748U	10/Bag	17-7749	6
1/2" x 1/2"	17-7750	10	17-7750U	10/Bag	17-7751	6
1/2" x 5/8"	17-7752	10	17-7752U	10/Bag	17-7753	6
1/2" x 3/4"	17-7754	10	17-7754U	10/Bag	17-7755	6
3/4" x 3/8"	17-7762	10	17-7762U	10/Bag	17-7763	6
3/4" x 1/2"	17-7764	10	17-7764U	10/Bag	17-7765	6
3/4" x 5/8"	17-7766	10	17-7766U	10/Bag	17-7767	6
3/4" x 3/4"	17-7768	10	17-7768U	10/Bag	17-7769	6
3/4" x 1"	17-7772	10				
1" x 1"	17-7770	10				

SWIVEL FEMALE ADAPTER • FIP x BARB

1/4" x 1/4"	17-7810	10			17-7811	6
1/4" x 5/16"	17-7812	10			17-7813	6
1/4" x 3/8"	17-7814	10			17-7815	6
3/8" x 3/8"	17-7830	10			17-7831	6
1/2" x 1/2"	17-7848	10			17-7849	6

MALE HOSE ELL • MIP x BARB

1/8" x 1/4"	17-7902	10	17-7902U	10/Bag	17-7903	6
1/8" x 3/8"	17-7906	10	17-7906U	10/Bag	17-7907	6
1/4" x 1/4"	17-7904	10	17-7904U	10/Bag	17-7905	6
1/4" x 3/8"	17-7908	10	17-7908U	10/Bag	17-7909	6
3/8" x 1/4"	17-7920	10	17-7920U	10/Bag	17-7921	6
3/8" x 3/8"	17-7910	10	17-7910U	10/Bag	17-7911	6
3/8" x 1/2"	17-7914	10	17-7914U	10/Bag	17-7915	6
1/2" x 3/8"	17-7912	10	17-7912U	10/Bag	17-7913	6
1/2" x 1/2"	17-7918	10	17-7918U	10/Bag	17-7919	6
1/2" x 5/8"	17-7916	10			17-7921	6

STEEL INSERT FITTINGS FOR POLY PIPE COUPLING • Insert x Insert

DESCRIPTION	ITEM	QTY	DESCRIPTION	ITEM	QTY
1/2	19-1504	25	1-1/4	19-1507	20
3/4	19-1505	25	1-1/2	19-1508	10
1	19-1506	20	2	19-1509	5

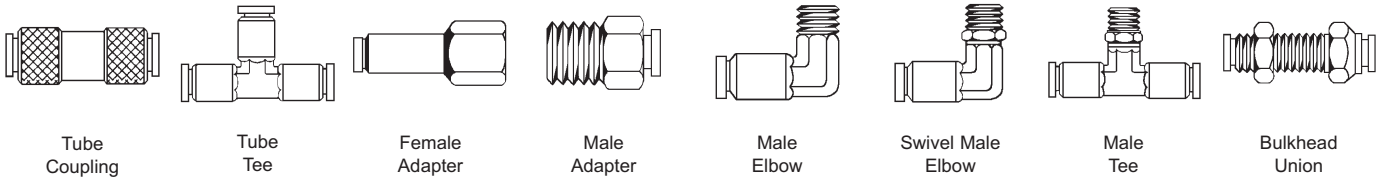
MALE ADAPTER • Insert x MIP

1/2	19-1604	25	1-1/4	19-1607	20
3/4	19-1605	25	1-1/2	19-1608	10
1	19-1606	20	2	19-1609	10

NOTE: For Nylon Fittings see Section 19



BRASS QUICK CONNECT FITTINGS

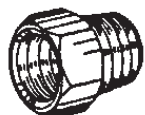


DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
Works with Poly, Nylon, Copper and Aluminum Tubing						
COUPLING • Tube x Tube						
1/4" x 1/4"	17-8260	10			17-8261	6
3/8" x 3/8"	17-8262	10			17-8263	6
1/2" x 1/2"	17-8242	10				
TEE • Tube x Tube x Tube						
1/4" x 1/4" x 1/4"	17-8264	10			17-8265	6
3/8" x 3/8" x 3/8"	17-8266	10			17-8267	6
1/2" x 1/2" x 1/2"	17-8246	10				
FEMALE ADAPTER • Tube x FIP						
1/4" x 1/8"	17-8268	10				
1/4" x 1/4"	17-8270	10				
MALE ADAPTER • Tube x MIP						
1/4" x 1/8"	17-8272	10			17-8273	6
1/4" x 1/4"	17-8274	10			17-8275	6
3/8" x 1/4"	17-8276	10			17-8277	6
3/8" x 3/8"	17-8278	10				
1/2" x 3/8"	17-8212	10				
1/2" x 1/2"	17-8214	10				
MALE ELBOW • Tube x MIP						
1/4" x 1/8"	17-8280	10			17-8281	6
1/4" x 1/4"	17-8282	10			17-8283	6
3/8" x 1/4"	17-8284	10				
3/8" x 3/8"	17-8286	10				
1/2" x 3/8"	17-8222	10				
1/2" x 1/2"	17-8224	10				
SWIVEL MALE ELBOW • Tube x MIP						
1/4" x 1/8"	17-8288	10			17-8289	6
1/4" x 1/4"	17-8290	10			17-8291	6
3/8" x 1/4"	17-8292	10				
3/8" x 3/8"	17-8294	10				
1/2" x 3/8"	17-8232	10				
1/2" x 1/2"	17-8234	10				
MALE TEE • Tube x Tube x MIP						
1/4" x 1/4" x 1/8"	17-8296	10				
1/4" x 1/4" x 1/4"	17-8298	10				
3/8" x 3/8" x 1/4"	17-8300	10				
3/8" x 3/8" x 3/8"	17-8302	10				
1/2" x 1/2" x 3/8"	17-8252	10				
1/2" x 1/2" x 1/2"	17-8254	10				
BULKHEAD UNION						
1/4" x 1/4"	17-8304	10				
3/8" x 3/8"	17-8306	10				

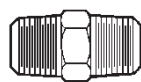
NOTE: For Plastic Quick Connects see Section 19



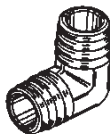
BRASS PIPE FITTINGS Screw Machined or Forged



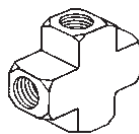
Female to Male
Coupling



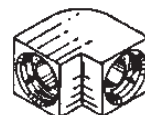
Hex
Nipple



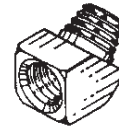
Male
Elbow



Female
Cross



Female 90°
Elbow

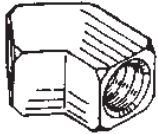


45° Street
Elbow

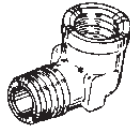
DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
FEMALE to MALE COUPLING • FIP x MIP						
1/8" x 1/8"	17-8500	10	17-8500U	10/Bag	17-8501	6
1/4" x 1/8"	17-8508	10	17-8508U	10/Bag	17-8509	6
1/4" x 1/4"	17-8510	10	17-8510U	10/Bag	17-8511	6
3/8" x 1/4"	17-8528	10	17-8528U	10/Bag	17-8529	6
3/8" x 3/8"	17-8530	10	17-8530U	10/Bag	17-8531	6
1/2" x 3/8"	17-8546	10	17-8546U	10/Bag	17-8547	6
HEX NIPPLE • MIP x MIP						
1/8" x 1/8"	17-8600	10	17-8600U	10/Bag	17-8601	6
1/4" x 1/4"	17-8610	10	17-8610U	10/Bag	17-8611	6
3/8" x 3/8"	17-8630	10	17-8630U	10/Bag	17-8631	6
1/2" x 1/2"	17-8648	10	17-8648U	10/Bag	17-8649	6
3/4" x 3/4"	17-8668	10	17-8668U	10/Bag	17-8669	6
1/4" x 1/8"	17-8708	10	17-8708U	10/Bag	17-8709	6
3/8" x 1/8"	17-8826	10				
3/8" x 1/4"	17-8728	10	17-8728U	10/Bag	17-8729	6
1/2" x 1/4"	17-8744	10	17-8744U	10/Bag	17-8745	6
1/2" x 3/8"	17-8746	10	17-8746U	10/Bag	17-8747	6
MALE ELBOW • MIP x MIP						
1/8" x 1/8"	17-8800	10			17-8801	6
1/4" x 1/8"	17-8808	10			17-8809	6
1/4" x 1/4"	17-8810	10			17-8811	6
3/8" x 1/4"	17-8828	10			17-8829	6
3/8" x 3/8"	17-8830	10			17-8831	6
1/2" x 3/8"	17-8846	10			17-8847	6
1/2" x 1/2"	17-8848	10			17-8849	6
CROSS • FIP x FIP x FIP x FIP						
1/8"	17-8890	10				
1/4"	17-8892	10				
3/8"	17-8894	10				
ELBOW 90° • FIP x FIP						
1/8" x 1/8"	17-9002	10	17-9002U	10/Bag	17-9003	6
1/4" x 1/4"	17-9004	10	17-9004U	10/Bag	17-9005	6
3/8" x 3/8"	17-9006	10	17-9006U	10/Bag	17-9007	6
1/2" x 1/2" Cast Brass					17-9009	6
3/4" x 3/4" Cast Brass					17-9011	6
STREET ELBOW 45° • MIP x FIP						
1/8" x 1/8"	17-9012	10	17-9012U	10/Bag	17-9013	6
1/4" x 1/4"	17-9014	10	17-9014U	10/Bag	17-9015	6
3/8" x 3/8"	17-9016	10			17-9017	6



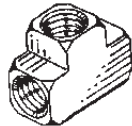
BRASS PIPE FITTINGS Screw Machined or Forged



45°
Elbow



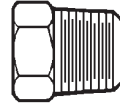
90°
Street Elbow



Tee



Cap



Hex Head
Plug



Square Head
Plug



Countersunk
Plug

DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
ELBOW 45° • FIP x FIP						
1/8" x 1/8"	17-9042	10	17-9042U	10/Bag	17-9043	6
1/4" x 1/4"	17-9044	10	17-9044U	10/Bag	17-9045	6
3/8" x 3/8"	17-9046	10			17-9047	6
1/2" x 1/2" Cast Brass					17-9049	6
3/4" x 3/4" Cast Brass					17-9051	6
STREET ELBOW 90° • MIP x FIP						
1/8" x 1/8"	17-9070	10	17-9070U	10/Bag	17-9071	6
1/4" x 1/4"	17-9072	10	17-9072U	10/Bag	17-9073	6
3/8" x 3/8"	17-9074	10	17-9074U	10/Bag	17-9075	6
1/2" x 1/2" Cast Brass					17-9077	6
3/4" x 3/4" Cast Brass					17-9079	6
TEE • FIP x FIP x FIP						
1/8" x 1/8" x 1/8"	17-9102	10	17-9102U	10/Bag	17-9103	6
1/4" x 1/4" x 1/4"	17-9104	10	17-9104U	10/Bag	17-9105	6
3/8" x 3/8" x 3/8"	17-9106	10	17-9106U	10/Bag	17-9107	6
1/2" x 1/2" x 1/2" Cast Brass					17-9109	6
3/4" x 3/4" x 3/4" Cast Brass					17-9111	6
CAP • FIP						
1/8"	17-9142	10	17-9142U	10/Bag	17-9143	6
1/4"	17-9144	10	17-9144U	10/Bag	17-9145	6
3/8"	17-9146	10	17-9146U	10/Bag	17-9147	6
1/2"	17-9148	10	17-9148U	10/Bag	17-9149	6
3/4" Cast Brass					17-9151	6
HEX HEAD PLUG • MIP						
1/8"	17-9162	10			17-9163	6
1/4"	17-9164	10			17-9165	6
3/8"	17-9166	10			17-9167	6
1/2"	17-9168	10			17-9169	6
SQUARE HEAD PLUG • MIP						
1/8"	17-9172	10	17-9172U	10/Bag	17-9173	6
1/4"	17-9174	10	17-9174U	10/Bag	17-9175	6
3/8"	17-9176	10	17-9176U	10/Bag	17-9177	6
1/2"	17-9178	10	17-9178U	10/Bag	17-9179	6
3/4" Cast Brass					17-9181	6
COUNTERSUNK PLUG • MIP						
1/8"	17-9190	10	17-9190U	10/Bag	17-9191	6
1/4"	17-9192	10	17-9192U	10/Bag	17-9193	6
3/8"	17-9194	10	17-9194U	10/Bag	17-9195	6
1/2"	17-9196	10	17-9196U	10/Bag	17-9197	6

09/19/02



BRASS PIPE FITTINGS Screw Machined or Forged



Union



Coupling



Face
Bushing



Hex
Bushing

DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
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UNION • FIP x FIP

1/8" x 1/8"	17-9202	10			17-9203	6
1/4" x 1/4"	17-9204	10			17-9205	6
3/8" x 3/8"	17-9206	10			17-9207	6
1/2" x 1/2" Cast Brass					17-9209	6
3/4" x 3/4" Cast Brass					17-9211	6

COUPLING • FIP x FIP

1/8" x 1/8"	17-9220	10	17-9220U	10/Bag	17-9221	6
1/4" x 1/4"	17-9222	10	17-9222U	10/Bag	17-9223	6
3/8" x 3/8"	17-9224	10	17-9224U	10/Bag	17-9225	6
3/8" x 3/8" Chrome Plated	17-9224CP	10				
1/2" x 1/2"	17-9226	10	17-9226U	10/Bag	17-9227	6
3/4" x 3/4" Cast Brass					17-9229	6

FACE BUSHING • MIP x FIP

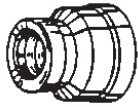
3/8" x 1/4"	31-1462	10				
1/2" x 3/8"	31-1456	10	17-9232U	10/Bag	17-9233	6
3/4" x 1/2"	31-1458	10	17-9234U	10/Bag	17-9235	6
1" x 3/4"	31-1460	10				

HEX BUSHING • MIP x FIP

1/4" x 1/8"	17-9240	10	17-9240U	10/Bag	17-9241	6
3/8" x 1/8"	17-9242	10	17-9242U	10/Bag	17-9243	6
3/8" x 1/4"	17-9244	10	17-9244U	10/Bag	17-9245	6
1/2" x 1/8"	17-9246	10	17-9246U	10/Bag	17-9247	6
1/2" x 1/4"	17-9248	10	17-9248U	10/Bag	17-9249	6
1/2" x 3/8"	17-9250	10	17-9250U	10/Bag	17-9251	6
3/4" x 1/8"	17-9252	10			17-9253	6
3/4" x 1/4"	17-9254	10	17-9254U	10/Bag	17-9255	6
3/4" x 3/8"	17-9256	10	17-9256U	10/Bag	17-9257	6
3/4" x 1/2"	17-9258	10	17-9258U	10/Bag	17-9259	6



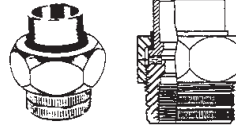
BRASS PIPE FITTINGS Screw Machined or Forged



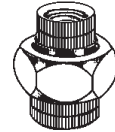
Bell Reducer



Lock Nut



Copper x Female Steel Union



Female Brass x Female Steel Union

DESCRIPTION	BULK	QTY	BULK UPC	QTY	CARDED	CTN. QTY.
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BELL REDUCER • FIP x FIP

1/4" x 1/8"	17-9270	10	17-9270U	10/Bag	17-9271	6
3/8" x 1/8"	17-9272	10	17-9272U	10/Bag	17-9273	6
3/8" x 1/4"	17-9274	10	17-9274U	10/Bag	17-9275	6
1/2" x 1/8"	17-9276	10	17-9276U	10/Bag	17-9277	6
1/2" x 1/4"	17-9278	10	17-9278U	10/Bag	17-9279	6
1/2" x 3/8"	17-9280	10	17-9280U	10/Bag	17-9281	6
3/4" x 1/4" Cast Brass					17-9283	6
3/4" x 3/8" Cast Brass					17-9285	6
3/4" x 1/2" Cast Brass					17-9287	6

LOCK NUT

1/8"	17-9288	10	17-9288U	10/Bag	17-9289	6
1/4"	17-9290	10	17-9290U	10/Bag	17-9291	6
3/8"	17-9292	10	17-9292U	10/Bag	17-9293	6
1/2"	17-9294	10	17-9294U	10/Bag	17-9295	6

DIELECTRIC UNION

3/4" Copper x Female Steel					17-9297	6
3/4" Female Brass x Female Steel					17-9299	6



