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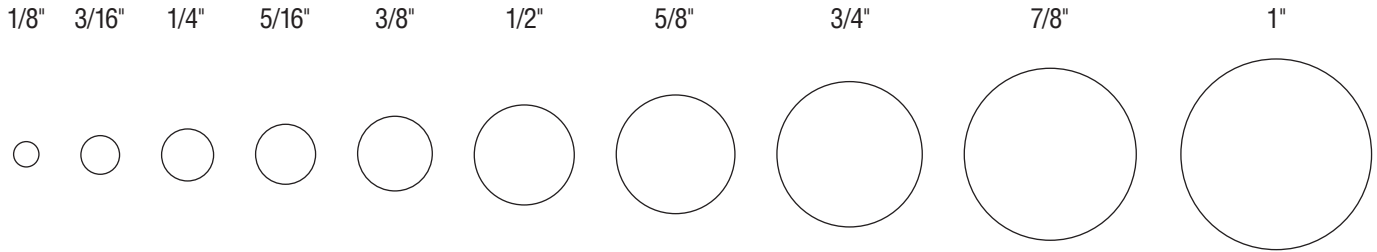
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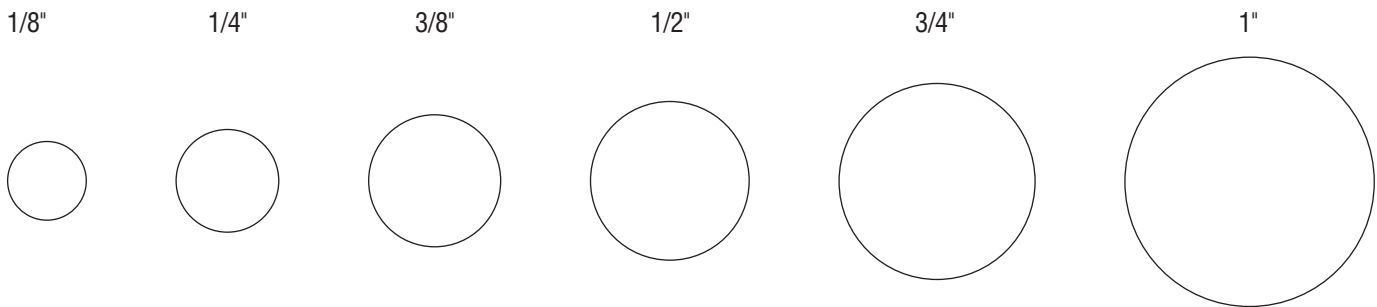
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Actual Outside Diameters of Tubing



Actual Outside Diameters of Pipe Threads



Common Abbreviations Used in this Catalog

NPT	American National Standard Taper Pipe Threads
NPSM	American National Standard Straight Pipe Thread for Free-fitting Mechanical Joints
NPTF	Dryseal American National Standard Taper Pipe Thread
BS	British Standard Pipe Threads for Pressure Tight Joints
NPSH	American National Standard Straight Pipe Thread for Hose Couplings
37° JIC	Joint Industry Conference 37° Flare
45° SAE	Society of Automotive Engineers 45° Flare
NH	American National Standard Hose Thread
UNF	American National Standard Unified Fine Thread

Thread Chart

Computer #	-02	-03	-04	-05	-06	-07	-08	-10	-12	-14	-16
O.D. Tubing Size	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Flare 45°	5/16-24	3/8-24	7/16-20	1/2-20	5/8-18	11/16-16	3/4-16	7/8-14	1 1/16-14	1 1/4-12	1 3/8-12
Inverted Flare	5/16-28	3/8-24	7/16-24	1/2-20	5/8-18	11/16-18	3/4-18	7/8-18	1 1/16-16	1 3/16-16	1 5/16-16
Space Heater					9/16-24						
Range Connector								15/16-16			
LPG (POL)										7/8-14	
Compression	5/16-24	3/8-24	7/16-24	1/2-24	9/16-24	5/8-24	11/16-20	13/16-18	1-18	1 1/8-18	1 1/4-18
Double Compression Threaded Sleeve	5/16-24	3/8-24	7/16-24	1/2-20	9/16-20		11/16-16	7/8-18			
Self Align	5/16-24	3/8-24	7/16-24	1/2-24	9/16-24	5/8-24	11/16-20	13/16-18	1-18	1 1/8-18	1 1/4-16
Air Brake (Nylon Tube)			7/16-24		17/32-24		11/16-20	13/16-18	1-18		
Air Brake (Copper Tube)			7/16-24		17/32-24		11/16-20	13/16-18	1-18		
Flareless	5/16-24		3/8-24	7/16-24	1/2-24		11/16-20				

Pipe Thread

Computer #	-01	-02	-04	-06	-08	-12	-16	-20	-24	-32	-40	-48
Nominal Pipe Size	1/16	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
Pipe	1/16-27	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	2 1/2-8	3-8

Copper Tube (type K, L, & M) Conversion Chart Nominal to O.D.

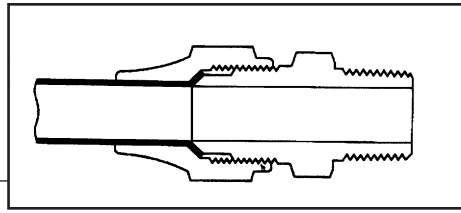
Nominal Size	1/4	3/8	1/2	5/8	3/4
O.D. Copper Size	3/8	1/2	5/8	3/4	7/8

Decimal and Metric Equivalents of Fractions

	DECIMAL	METRIC
1/64	.0156	0.397
1/32	.0313	0.794
3/64	.0469	1.191
1/16	.0625	1.588
5/64	.0781	1.984
3/32	.0938	2.381
7/64	.1094	2.778
1/8	.1250	3.175
9/64	.1406	3.572
5/32	.1562	3.969
11/64	.1719	4.366
3/16	.1875	4.762
13/64	.2031	5.159
7/32	.2188	5.556
15/64	.2344	5.953
1/4	.2500	6.350
17/64	.2656	6.747
9/32	.2812	7.144
19/64	.2969	7.541
5/16	.3125	7.938
21/64	.3281	8.334
11/32	.3438	8.731
23/64	.3594	9.128
3/8	.3750	9.525
25/64	.3906	9.922
13/32	.4062	10.319
27/64	.4219	10.716
7/16	.4375	11.112
29/64	.4531	11.509
15/32	.4688	11.906
31/64	.4844	12.303
1/2	.5000	12.700

	DECIMAL	METRIC
33/64	.5156	13.097
17/32	.5313	13.494
35/64	.5469	13.891
9/16	.5625	14.288
37/64	.5781	14.684
19/32	.5938	15.081
39/64	.6094	15.478
5/8	.6250	15.875
41/64	.6406	16.272
21/32	.6562	16.669
43/64	.6719	17.066
11/16	.6875	17.462
45/64	.7031	17.859
23/32	.7188	18.256
47/64	.7344	18.653
3/4	.7500	19.050
49/64	.7656	19.447
25/32	.7812	19.844
51/64	.7969	20.241
13/16	.8125	20.638
53/64	.8281	21.034
27/32	.8438	21.431
55/64	.8594	21.828
7/8	.8750	22.225
57/64	.8906	22.822
29/32	.9062	23.019
59/64	.9219	23.416
15/16	.9375	23.812
61/64	.9531	24.209
31/32	.9688	24.606
63/64	.9844	25.003
1	1.0000	25.400

45° Brass Flare Fittings



- Two piece construction – nut and body
- Use with copper, brass, aluminum, or steel tubing
- -65° to +250° F. temperature range
- Standard fittings use short nuts. Long nuts are available for higher vibration applications
- Resists mechanical pullout
- Easy to disassemble and can be reassembled many times, with no effect on the seal
- Primary uses: fuel equipment, plumbing, gases, refrigeration, and vacuum lines

To Assemble:

- 1 Cut smooth, square end on tubing
- 2 Slide nut onto tube—threads facing end
- 3 Flare end of tube
- 4 Thread nut to body until snug, then 1/6th turn

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

45° Brass Flare Fittings

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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441S
Short Flare Nut

04014-

02	1/8	1	80.80
03	3/16	1	68.90
04	1/4	3	70.17
05	5/16	4	93.23
06	3/8	6	97.22
07	7/16	7	473.84
08	1/2	8	148.14
10	5/8	15	210.39
12	3/4	23	589.91
14	7/8	35	917.34
16	1	50	1823.01

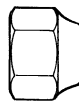


441L
Long Flare Nut

04041-

02	1/8	1	199.35
03	3/16	2	116.93
04	1/4	3	95.77
05	5/16	5	143.75
06	3/8	7	194.15
08	1/2	10	292.70
10	5/8	18	482.75
12	3/4	27	1395.18

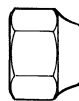
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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6401S
Short Forged Flare Nut

04018-

03	3/16	4	280.69
04	1/4	5	140.57
05	5/16	6	189.47
06	3/8	8	166.98
08	1/2	10	213.57
10	5/8	13	320.50
12	3/4	25	627.01
14	7/8	27	1350.84
16	1	36	2412.57

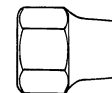


6401SXH
X-Hvy Short Forged Flare Nut

04019-

04	1/4	6	207.92
06	3/8	8	242.57
08	1/2	11	301.98
10	5/8	16	400.99

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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6401L
Long Forged Flare Nut

04016-

03	3/16	5	1249.29
04	1/4	7	221.55
05	5/16	8	667.59
06	3/8	9	286.05
08	1/2	13	381.25
10	5/8	20	599.21
12	3/4	36	980.46



6602S
Short Forged Reducing Nut

04020-

Threads x OD Tube

0403	1/4 x 3/16	5	280.79
0504	5/16 x 1/4	5	710.82
0604	3/8 x 1/4	8	210.39
0605	3/8 x 5/16	7	306.74
0806	1/2 x 3/8	8	267.79
1006	5/8 x 3/8	14	875.09
1008	5/8 x 1/2	14	418.70
1208	3/4 x 1/2	27	1150.68
1210	3/4 x 5/8	26	1139.87

45° Brass Flare Fittings

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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463
Copper
Flare Gasket

04063-

03	3/16	1	69.24
04	1/4	1	40.40
05	5/16	1	46.82
06	3/8	1	54.56
08	1/2	1	63.75
10	5/8	1	76.01
12	3/4	1	130.63



464
Copper
Flare Bonnet

04064-

03	3/16	1	90.51
04	1/4	1	71.61
05	5/16	1	125.83
06	3/8	1	77.74
08	1/2	1	87.16
10	5/8	1	142.42
12	3/4	1	233.51



439
Plug

04039-

03	3/16	2	201.38
04	1/4	3	75.02
05	5/16	4	223.74
06	3/8	5	122.48
08	1/2	9	182.01
10	5/8	13	290.45
12	3/4	25	1597.59

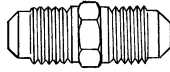


440
Cap

04040-

03	3/16	2	208.37
04	1/4	2	65.72
05	5/16	3	173.92
06	3/8	4	93.35
08	1/2	6	149.24
10	5/8	11	287.44
12	3/4	18	1048.78

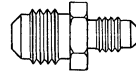
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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402
Union

04042- Flare x Flare

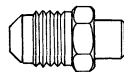
02	1/8	2	280.97
03	3/16	3	208.42
04	1/4	4	92.36
05	5/16	5	133.23
06	3/8	8	153.00
08	1/2	13	225.88
10	5/8	19	376.86
12	3/4	34	878.21
14	7/8	51	1984.27



506
Reducing
Union

04056- Flare x Flare

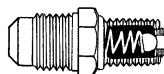
0403	1/4 x 3/16	3	387.84
0504	5/16 x 1/4	5	243.28
0604	3/8 x 1/4	8	199.47
0605	3/8 x 5/16	9	437.26
0804	1/2 x 1/4	11	339.92
0806	1/2 x 3/8	13	248.71
1006	5/8 x 3/8	19	383.33
1008	5/8 x 1/2	20	380.73
1208	3/4 x 1/2	28	1099.30
1210	3/4 x 5/8	30	1462.69



402S
Connector

04082- Flare x Solder OD

0404	1/4 x 1/4	3	360.38
0406	1/4 x 3/8	4	524.01
0606	3/8 x 3/8	7	395.87
0608	3/8 x 1/2	9	959.83
0806	1/2 x 3/8	9	863.07
0808	1/2 x 1/2	11	507.54
1010	5/8 x 5/8	16	1134.85
1012	5/8 x 3/4	21	2247.84
1212	3/4 x 3/4	28	1199.35

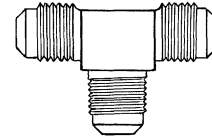


403
Ball Check
Valve

04043- Flare x Male Pipe

0402	1/4 x 1/8	5	1099.59
0604	3/8 x 1/4	9	1294.84

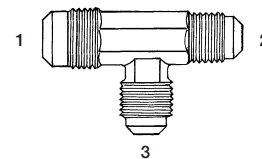
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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404
Flare
Tee

04044- Flare Three Ends

02	1/8	4	549.50
03	3/16	6	389.23
04	1/4	7	311.89
05	5/16	8	438.64
06	3/8	14	428.01
08	1/2	18	585.51
10	5/8	36	1021.38
12	3/4	54	2255.53
14	7/8	81	3719.14



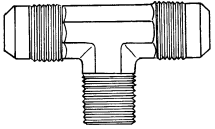
509
Reducing
Tee

04059- Flare Three Ends
Read Sizes 1-2-3

040406	1/4 x 1/4 x 3/8	16	529.33
050504	5/16 x 5/16 x 1/4	14	859.89
060404	3/8 x 1/4 x 1/4	16	692.56
060406	3/8 x 1/4 x 3/8	16	699.84
060604	3/8 x 3/8 x 1/4	16	569.62
060608	3/8 x 3/8 x 1/2	21	712.15
060610	3/8 x 3/8 x 5/8	27	1536.56
080408	1/2 x 1/4 x 1/2	22	929.42
080606	1/2 x 3/8 x 3/8	22	744.18
080608	1/2 x 3/8 x 1/2	22	789.32
080804	1/2 x 1/2 x 1/4	22	1064.62
080806	1/2 x 1/2 x 3/8	23	667.42
080810	1/2 x 1/2 x 5/8	27	1197.79
080812	1/2 x 1/2 x 3/4	29	2509.21
100606	5/8 x 3/8 x 3/8	27	1039.36
100608	5/8 x 3/8 x 1/2	27	1543.84
100610	5/8 x 3/8 x 5/8	27	1587.30
100806	5/8 x 1/2 x 3/8	27	1439.51
100808	5/8 x 1/2 x 1/2	27	1449.45
100810	5/8 x 1/2 x 5/8	27	1556.73
101004	5/8 x 5/8 x 1/4	26	2139.18
101006	5/8 x 5/8 x 3/8	27	1010.86
101008	5/8 x 5/8 x 1/2	27	1087.22
121012	3/4 x 5/8 x 3/4	51	2873.87
121208	3/4 x 3/4 x 1/2	52	2842.95
121210	3/4 x 3/4 x 5/8	53	2885.49

45° Brass Flare Fittings

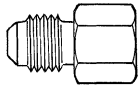
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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405
Tee

04045- Flare x Male Pipe

0202	1/8 x 1/8	4	942.26
0302	3/16 x 1/8	5	421.25
0402	1/4 x 1/8	6	342.00
0404	1/4 x 1/4	9	411.54
0406	1/4 x 3/8	11	772.15
0408	1/4 x 1/2	12	1318.07
0502	5/16 x 1/8	7	460.72
0504	5/16 x 1/4	9	575.92
0602	3/8 x 1/8	11	555.00
0604	3/8 x 1/4	11	468.76
0606	3/8 x 3/8	18	594.36
0608	3/8 x 1/2	20	947.46
0612	3/8 x 3/4	20	2069.99
0804	1/2 x 1/4	20	907.69
0806	1/2 x 3/8	21	724.93
080608	1/2 x 3/8 x 1/2	24	1432.52
0808	1/2 x 1/2	25	976.76
0812	1/2 x 3/4	36	1787.23
1006	5/8 x 3/8	27	1264.43
1008	5/8 x 1/2	31	1234.32
1012	5/8 x 3/4	41	1758.85
1208	3/4 x 1/2	49	2652.67
1212	3/4 x 3/4	52	2658.80



406
Female
Coupling

04046- Flare x Female Pipe

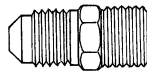
0202	1/8 x 1/8	2	354.55
0302	3/16 x 1/8	3	142.30
0402	1/4 x 1/8	4	95.95
0404	1/4 x 1/4	5	139.82
0406	1/4 x 3/8	6	297.73
0408	1/4 x 1/2	8	515.34
0502	5/16 x 1/8	4	150.74
0504	5/16 x 1/4	5	242.24
0506	5/16 x 3/8	6	390.32
0508	5/16 x 1/2	8	1727.35
0602	3/8 x 1/8	7	246.75
0604	3/8 x 1/4	9	152.59
0606	3/8 x 3/8	10	191.09
0608	3/8 x 1/2	13	252.12
0612	3/8 x 3/4	16	364.83
0804	1/2 x 1/4	10	264.38
0806	1/2 x 3/8	11	237.27
0808	1/2 x 1/2	14	282.41
0812	1/2 x 3/4	18	393.56
1006	5/8 x 3/8	22	362.12

CONTINUED TO NEXT COLUMN

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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04046- Flare x Female Pipe

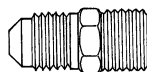
1008	5/8 x 1/2	23	317.90
1012	5/8 x 3/4	26	421.54
1208	3/4 x 1/2	31	1501.47
1212	3/4 x 3/4	38	1269.29
1412	7/8 x 3/4	47	1488.18



408
Half-Union

04048- Flare x Male Pipe

0202	1/8 x 1/8	2	145.83
0302	3/16 x 1/8	3	109.65
0304	3/16 x 1/4	4	687.45
0402	1/4 x 1/8	3	75.02
0404	1/4 x 1/4	5	97.97
0406	1/4 x 3/8	10	168.37
0408	1/4 x 1/2	11	314.78
0502	5/16 x 1/8	4	104.62
0504	5/16 x 1/4	5	136.18
0506	5/16 x 3/8	6	252.76
0508	5/16 x 1/2	7	893.82
0602	3/8 x 1/8	6	138.89
0604	3/8 x 1/4	7	130.80
0606	3/8 x 3/8	9	149.36
0608	3/8 x 1/2	12	220.10
0612	3/8 x 3/4	19	364.83
0704	7/16 x 1/4	9	615.40
0802	1/2 x 1/8	9	1107.09
0804	1/2 x 1/4	10	216.69
0806	1/2 x 3/8	11	228.48
0808	1/2 x 1/2	15	231.03
0812	1/2 x 3/4	21	387.90
1004	5/8 x 1/4	14	742.21
1006	5/8 x 3/8	16	315.76
1008	5/8 x 1/2	18	295.82
1012	5/8 x 3/4	23	400.84
1208	3/4 x 1/2	25	667.71
1212	3/4 x 3/4	29	664.76
1408	7/8 x 1/2	32	2157.62
1412	7/8 x 3/4	38	1653.77
1612	1 x 3/4	47	2386.16
1616	1 x 1	58	2486.56

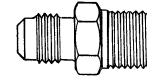


408XH
X-Hvy
Half-Union

04448- Flare x Male Pipe

0404	1/4 x 1/4	5	121.34
0606	3/8 x 3/8	10	238.26
0808	1/2 x 1/2	16	385.14

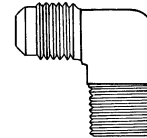
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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408WT
Half-Union
With FIP Tap

04088- Flare x Male Pipe x Female Pipe

060602	3/8 x 3/8 x 1/8	11	328.02
060806	3/8 x 1/2 x 3/8	15	403.91
080806	1/2 x 1/2 x 3/8	17	427.60



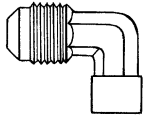
409
Elbow

04049- Flare x Male Pipe

0202	1/8 x 1/8	2	447.43
0302	3/16 x 1/8	3	204.84
0304	3/16 x 1/4	5	431.07
0402	1/4 x 1/8	4	211.37
0404	1/4 x 1/4	5	237.50
0406	1/4 x 3/8	11	385.01
0408	1/4 x 1/2	13	512.63
0502	5/16 x 1/8	5	250.68
0504	5/16 x 1/4	6	318.02
0506	5/16 x 3/8	10	448.76
0508	5/16 x 1/2	14	794.75
0602	3/8 x 1/8	8	329.46
0604	3/8 x 1/4	9	316.69
0606	3/8 x 3/8	11	337.55
0608	3/8 x 1/2	17	433.96
0612	3/8 x 3/4	30	789.14
0802	1/2 x 1/8	8	930.64
0804	1/2 x 1/4	10	495.98
0806	1/2 x 3/8	13	427.32
0808	1/2 x 1/2	29	530.49
0812	1/2 x 3/4	30	837.06
1004	5/8 x 1/4	14	919.42
1006	5/8 x 3/8	16	718.97
1008	5/8 x 1/2	18	670.08
1012	5/8 x 3/4	33	975.84
1206	3/4 x 3/8	35	1663.31
1208	3/4 x 1/2	37	1358.30
1212	3/4 x 3/4	38	1437.95
1216	3/4 x 1	46	3353.50
1412	7/8 x 3/4	45	2527.13
1416	7/8 x 1	50	3245.30
1612	1 x 3/4	51	3555.51
1616	1 x 1	59	3651.34

45° Brass Flare Fittings

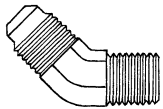
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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409S
Elbow

04089- Flare x Solder OD

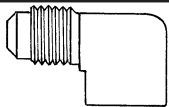
0404	1/4 x 1/4	5	849.89
0606	3/8 x 3/8	11	509.80
0806	1/2 x 3/8	13	1007.92
0808	1/2 x 1/2	29	969.77
1010	5/8 x 5/8	33	1607.69



40945
45° Elbow

04095- Flare x Male Pipe

0302	3/16 x 1/8	2	572.91
0402	1/4 x 1/8	3	324.84
0404	1/4 x 1/4	4	451.07
0406	1/4 x 3/8	4	668.34
0502	5/16 x 1/8	6	505.87
0504	5/16 x 1/4	5	463.79
0604	3/8 x 1/4	7	426.39
0606	3/8 x 3/8	9	477.66
0608	3/8 x 1/2	13	807.41
0806	1/2 x 3/8	13	549.97
0808	1/2 x 1/2	16	858.85
1008	5/8 x 1/2	23	954.22
1208	3/4 x 1/2	36	1377.95
1212	3/4 x 3/4	46	1500.03

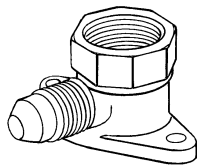


500
Elbow

04050- Flare x Female Pipe

0302	3/16 x 1/8	4	515.00
0402	1/4 x 1/8	5	305.94
0404	1/4 x 1/4	7	427.95
0406	1/4 x 3/8	8	570.37
0408	1/4 x 1/2	10	812.03
0502	5/16 x 1/8	6	447.66
0504	5/16 x 1/4	7	543.61
0602	3/8 x 1/8	9	468.30
0604	3/8 x 1/4	10	404.37
0606	3/8 x 3/8	13	405.35
0608	3/8 x 1/2	15	536.21
0612	3/8 x 3/4	21	747.24
0804	1/2 x 1/4	11	691.69
0806	1/2 x 3/8	13	553.38
0808	1/2 x 1/2	27	579.85
0812	1/2 x 3/4	29	676.95
1006	5/8 x 3/8	28	967.51
1008	5/8 x 1/2	31	693.95
1012	5/8 x 3/4	32	893.82
1208	3/4 x 1/2	36	1813.07
1212	3/4 x 3/4	47	2782.15
1412	7/8 x 3/4	50	3269.98

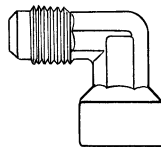
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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500DE
Drop Ear
Elbow

04090- Flare x Female Pipe

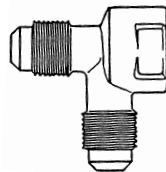
0608	3/8 x 1/2	24	1350.61
0808	1/2 x 1/2	24	1359.75
1008	5/8 x 1/2	26	1641.92



500F
Elbow

04092- Male Flare x Female Flare

0404	1/4 x 1/4	7	786.31
0606	3/8 x 3/8	15	1016.59
0808	1/2 x 1/2	28	1535.57

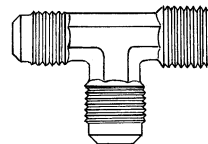


501FP
Tee

Flare x
Female Pipe x
Flare

04091-

040404	1/4 x 1/4 x 1/4	13	795.50
060606	3/8 x 3/8 x 3/8	20	1054.85
060608	3/8 x 3/8 x 1/2	23	1820.70
060808	3/8 x 1/2 x 1/2	26	1844.28
080806	1/2 x 1/2 x 3/8	34	1873.30



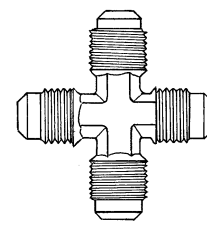
501
Tee

Flare x
Male Pipe

04051-

0302	3/16 x 1/8	5	470.43
0402	1/4 x 1/8	6	385.53
0404	1/4 x 1/4	7	445.23
0406	1/4 x 3/8	9	685.85
0502	5/16 x 1/8	9	526.27
0504	5/16 x 1/4	10	708.22
0602	3/8 x 1/8	12	717.18
0604	3/8 x 1/4	14	548.98
0606	3/8 x 3/8	17	599.96
0608	3/8 x 1/2	19	944.28
0804	1/2 x 1/4	18	930.64
0806	1/2 x 3/8	20	857.98
0808	1/2 x 1/2	25	1168.25
1006	5/8 x 3/8	30	1234.38
1008	5/8 x 1/2	33	1313.74
1208	3/4 x 1/2	44	2750.30
1212	3/4 x 3/4	49	2757.64

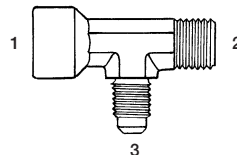
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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502
Cross

04052- Flare Four Ends

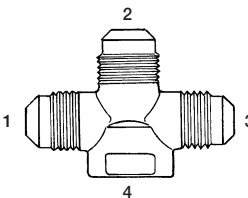
04	1/4	9	1022.14
05	5/16	13	1046.47
06	3/8	19	901.56
08	1/2	28	1162.18
10	5/8	39	2407.72



503
Tee

04053- Female Pipe x Male Pipe x Flare

020204	1/8 x 1/8 x 1/4	5	596.61
040404	1/4 x 1/4 x 1/4	6	797.06
040406	1/4 x 1/4 x 3/8	7	838.79



503FP
Cross

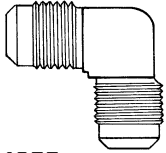
04093- Flare x Flare x Flare x Female Pipe

06060606	3/8x3/8x3/8x3/8	28	1296.92
06060608	3/8x3/8x3/8x1/2	30	1336.16
06060612	3/8x3/8x3/8x3/4	33	2041.50
06060808	3/8x3/8x1/2x1/2	34	1968.73
06081012	3/8x1/2x5/8x3/4	34	2387.83
08060612	1/2x3/8x3/8x3/4	34	2402.92
08080608	1/2x1/2x3/8x1/2	33	2296.16
08080612	1/2x1/2x3/8x3/4	33	2318.01
08080808	1/2x1/2x1/2x1/2	35	1645.57
08080812	1/2x1/2x1/2x3/4	35	1844.57
08100812	1/2x5/8x1/2x3/4	35	2868.56
10080812	5/8x1/2x1/2x3/4	35	2969.48

*We Solicit Your Inquiries
On Any Item Not Shown
In This Catalog*

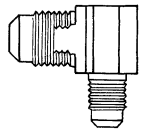
45° Brass Flare Fittings

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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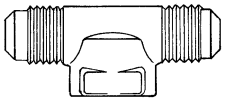
505
Elbow

04055- Flare x Flare			
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
02	1/8	3	610.66
03	3/16	4	650.54
04	1/4	5	260.97
05	5/16	6	375.70
06	3/8	8	371.89
08	1/2	15	468.64
10	5/8	23	723.14
12	3/4	32	1610.65
14	7/8	43	3176.51



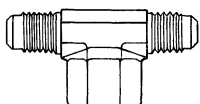
507
Reducing Elbow

04057- Flare x Flare			
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0604	3/8 x 1/4	9	471.88
0605	3/8 x 5/16	10	608.23
0804	1/2 x 1/4	13	758.91
0806	1/2 x 3/8	16	633.95
1006	5/8 x 3/8	20	900.64
1008	5/8 x 1/2	23	901.91
1208	3/4 x 1/2	42	1676.66
1210	3/4 x 5/8	46	1782.38



508FP
Tee

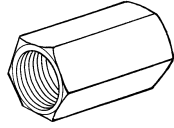
04058- Flare x Flare x Female Pipe			
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
040402	1/4 x 1/4 x 1/8	12	826.66
040404	1/4 x 1/4 x 1/4	12	899.95
060604	3/8 x 3/8 x 1/4	15	911.27
060606	3/8 x 3/8 x 3/8	16	1326.86
060608	3/8 x 3/8 x 1/2	18	1305.07
060612	3/8 x 3/8 x 3/4	21	1694.81
060808	3/8 x 1/2 x 1/2	20	1760.70
080606	1/2 x 3/8 x 3/8	20	2297.49
080806	1/2 x 1/2 x 3/8	20	1451.88
080808	1/2 x 1/2 x 1/2	20	1353.56
080812	1/2 x 1/2 x 3/4	22	2059.07
101008	5/8 x 5/8 x 1/2	26	1353.16



T6
Tee

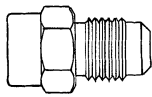
04096- Male Flare x Male Flare x Female Flare			
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
040404	1/4 x 1/4 x 1/4	11	687.36

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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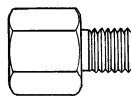
600
Female Flare Connector

04060- Female Flare x Female Flare			
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
04	1/4	7	461.65
06	3/8	12	757.53
08	1/2	20	1055.60



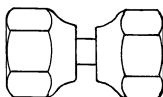
601
Flare Reducer

04061- Female Flare x Male Flare			
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0403	1/4 x 3/16	5	1259.06
0406	1/4 x 3/8	9	518.12
0408	1/4 x 1/2	14	1234.49
0604	3/8 x 1/4	9	470.09
0608	3/8 x 1/2	18	576.15
0610	3/8 x 5/8	21	942.72
0804	1/2 x 1/4	16	981.73
0806	1/2 x 3/8	18	587.77
0810	1/2 x 5/8	21	896.19
1006	5/8 x 3/8	19	1376.56
1008	5/8 x 1/2	24	953.93
1012	5/8 x 3/4	30	1729.38
1210	3/4 x 5/8	44	1741.98



664
Adapter

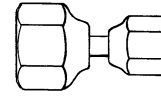
04066- Female Flare x Male Pipe			
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0402	1/4 x 1/8	5	404.77
0404	1/4 x 1/4	6	425.41
0604	3/8 x 1/4	10	631.93
0806	1/2 x 3/8	16	946.13
0808	1/2 x 1/2	18	1335.58



700
Swivel Connector

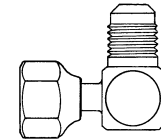
04070- Flare x Flare			
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
04	1/4	15	493.79
05	5/16	16	705.45
06	3/8	17	554.19
08	1/2	28	635.40
10	5/8	38	919.60
12	3/4	48	2139.81
14	7/8	51	5191.25

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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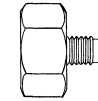
700R
Swivel Connector Reducing

04075- Flare x Flare			
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0604	3/8 x 1/4	15	1085.77
0806	1/2 x 3/8	22	1108.26
1008	5/8 x 1/2	32	1401.36



701
Swivel Elbow

04071- Flare x Female Flare			
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0404	1/4 x 1/4	10	1634.18
0606	3/8 x 3/8	14	1916.53
0808	1/2 x 1/2	24	2418.35
1010	5/8 x 5/8	33	3127.56



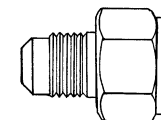
K1
Cylinder Adapter

04030- Female Pipe x Flare			
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0804	1/2 x 1/4	12	1184.55
1204	3/4 x 1/4	15	861.45
1206	3/4 x 3/8	16	1116.46
1208	3/4 x 1/2	18	1196.11



K1G
Cylinder Adapter Gasket

04032-			
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
08	1/2	1	58.67
12	3/4	1	69.53



Ballcock Adapter

04087- Flare x Ballcock				
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100	
06	40375	3/8	11	908.21
08	40500	1/2	13	1096.99

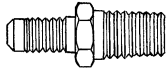


NFT5
Finger Tight Cap

04099-			
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
04	1/4	2	172.07
06	3/8	4	444.19

45° Brass Flare Fittings

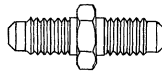
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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UX1
X-Hvy
Half Union

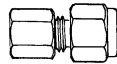
04098- Flare x Male Pipe			
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0402	1/4 x 1/8	4	1074.21
0404	1/4 x 1/4	6	977.05

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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UX2
X-Hvy
Union

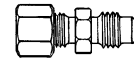
04097- Flare x Flare			
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
04	1/4	6	812.38



406FC
Female
Adapter

00093- Compression x Female Flare			
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0404	1/4 x 1/4	6	200.40

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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408FC
Male
Adapter

00094- Compression x Male Flare			
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0404	1/4 x 1/4	7	177.61

Brass Fusible Plugs

Computer Number	Size	Weight Per 100	Price Per 100
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FP1
Fusible Pipe Plug

06060- 283°				
Computer Number	Size	Weight Per 100	Price Per 100	
02	FP1-A 1/8	2	1256.71	
04	FP1-B 1/4	4	1888.44	
06	FP1-C 3/8	6	2466.36	

Computer Number	Size	Weight Per 100	Price Per 100
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FP2
Fusible Pipe Plug

06061- 210°				
Computer Number	Size	Weight Per 100	Price Per 100	
02	FP2-A 1/8	2	1256.71	
04	FP2-B 1/4	4	1888.44	
06	FP2-C 3/8	6	2466.36	

Computer Number	Size	Weight Per 100	Price Per 100
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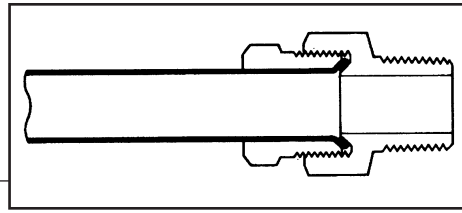
FP3
Fusible Pipe Plug

06062- 168°				
Computer Number	Size	Weight Per 100	Price Per 100	
02	FP3-A 1/8	2	1256.71	
04	FP3-B 1/4	4	1888.44	
06	FP3-C 3/8	6	2466.36	

PLEASE CONTACT US FOR OUR OTHER CATALOGS:

- Chrome Stops and Supplies
- Plumbing Valves
- Red Brass Fittings and Nipples
- Brass Repair Couplings
- Polyethylene, Aluminum and Copper Tubing
- Brass Clean Out Plugs
- Icemaker Kits
- Teflon Tape and Tube Straps
- Merchandisers

Brass Inverted Flare



- Two piece construction – nut and body
- Use with copper, brass, aluminum, or steel tubing
- -65° to +250° F. temperature range
- Seats and threads are recessed, protecting them
- Shorter overall length, for limited space applications
- Shorter nut allows tubing to be bent closer to fitting
- Fair vibration resistance
- Resists mechanical pullout
- Easy to disassemble, and can be reassembled many times, with no effect on the seal
- Primary uses: liquids, gases, and hydraulic brake systems

To Assemble:

- 1 Cut smooth, square end on tubing
- 2 Slide nut on tube—threads facing end
- 3 Flare end of tube
- 4 Thread nut onto body until snug, then 1/6th turn

Tube O.D.	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4
Thread Size	5/16-28	3/8-24	7/16-24	1/2-20	5/8-18	11/16-18	3/4-18	7/8-18	1 1/16-16

Brass Inverted Flare Fittings

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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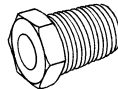


41INS
Steel Inverted
Flare Nut

04340-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
02	1/8	1	64.86
03	3/16	1	32.96
04	1/4	2	31.05
05	5/16	2	36.80
06	3/8	4	49.60
08	1/2	7	86.23
10	5/8	10	217.29
12	3/4	35	364.17

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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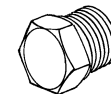


41INL
Steel Long
Inverted Flare
Nut

04330-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
03	3/16	2	68.20
04	1/4	4	80.12
06	3/8	7	174.53

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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39IN
Inverted Flare
Plug

04339-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
03	3/16	1	39.39
04	1/4	2	51.46
05	5/16	3	64.37
06	3/8	4	141.14



41INB
Brass Inverted
Flare Nut

04341-

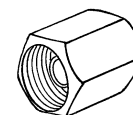
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
02	1/8	1	129.47
03	3/16	1	50.81
04	1/4	2	41.58
05	5/16	2	50.32
06	3/8	4	71.13
08	1/2	7	110.36
10	5/8	10	331.78



41INR
Steel Reducing
Inverted Flare Nut

04335-

Computer Number	O.D. Tube x Threads	Weight Per 100	Price Per 100
0304	3/16 x 1/4	2	168.02
0305	3/16 x 5/16	2	78.87
0309	3/16 x 9/16-18	3	233.00
0405	1/4 x 5/16	3	150.73
0409	1/4 x 9/16-18	3	162.43



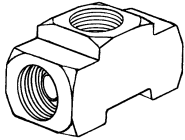
42IN
Union

04342-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
02	1/8	1	125.79
03	3/16	2	99.31
04	1/4	2	101.94
05	5/16	3	104.62
06	3/8	5	161.05
08	1/2	9	312.71

Brass Inverted Flare Fittings

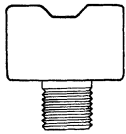
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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44IN
Tee

Inverted Flare
Three Ends

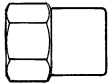
04344-			
02	1/8	4	641.26
03	3/16	4	328.02
04	1/4	5	363.44
05	5/16	6	504.66
06	3/8	10	755.47
08	1/2	10	911.62



45IN
Tee

Inverted Flare x
Male Pipe

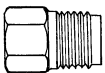
04345-			
0402	1/4 x 1/8	6	507.04
0502	5/16 x 1/8	7	547.13
0604	3/8 x 1/4	8	683.24



46IN
Female Connector

Inverted Flare x
Female Pipe

04346-			
0302	3/16 x 1/8	2	116.56
0402	1/4 x 1/8	3	126.15
0404	1/4 x 1/4	3	317.73
0502	5/16 x 1/8	3	118.66
0604	3/8 x 1/4	5	224.33
0806	1/2 x 3/8	9	897.98
1008	5/8 x 1/2	12	1025.10

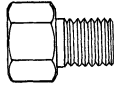


601IN
Dual Master
Cylinder Adapter

Female Inverted Flare x
Male Inverted Flare

08661-			
0304	3/16 x 1/4	5	190.40
0305	3/16 x 5/16	5	208.30
0403	1/4 x 3/16	5	196.84
0405	1/4 x 5/16	5	199.51
0504	5/16 x 1/4	5	252.91
0506	5/16 x 3/8	5	328.06
0605	3/8 x 5/16	6	257.04

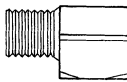
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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48IN
Male Connector

Inverted Flare x
Male Pipe

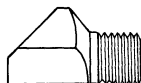
04348-			
0202	1/8 x 1/8	2	77.85
0302	3/16 x 1/8	2	61.34
0402	1/4 x 1/8	3	65.18
0404	1/4 x 1/4	3	79.76
0502	5/16 x 1/8	3	67.29
0504	5/16 x 1/4	3	86.92
0506	5/16 x 3/8	6	847.21
0602	3/8 x 1/8	3	147.89
0604	3/8 x 1/4	4	119.84
0606	3/8 x 3/8	6	150.40
0804	1/2 x 1/4	9	257.77
0806	1/2 x 3/8	10	225.18
0808	1/2 x 1/2	13	240.45
1008	5/8 x 1/2	14	464.17



49IN
Elbow

Inverted Flare x
Male Pipe

04349-			
0202	1/8 x 1/8	4	201.62
0302	3/16 x 1/8	4	115.38
0402	1/4 x 1/8	4	88.30
0404	1/4 x 1/4	5	175.14
0502	5/16 x 1/8	5	107.21
0504	5/16 x 1/4	7	262.19
0602	3/8 x 1/8	11	299.60
0604	3/8 x 1/4	13	312.27
0606	3/8 x 3/8	18	401.01
0804	1/2 x 1/4	16	733.97
0806	1/2 x 3/8	19	483.85
0808	1/2 x 1/2	20	627.13
1008	5/8 x 1/2	24	919.35

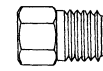


94IN
45° Elbow

Inverted Flare x
Male Pipe

04394-			
0302	3/16 x 1/8	3	201.46
0402	1/4 x 1/8	4	224.57
0502	5/16 x 1/8	4	239.27
0504	5/16 x 1/4	5	438.18
0604	3/8 x 1/4	7	444.57
0806	1/2 x 3/8	11	548.10

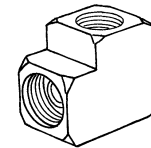
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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664IN
Dual Master
Cylinder Adapter

Female Inverted Flare x
Male Inverted Flare

08664-			
030918	3/16(3/8-24)x3/16(9/16-18)	5	315.34
030920	3/16(3/8-24)x3/16(9/16-20)	5	283.16
0409	1/4(7/16-24)x1/4(9/16-18)	5	330.40
0809	3/16(1/2-20)x3/16(9/16-18)	5	316.19
0908	3/16(9/16-18)x3/16(1/2-20)	5	310.16



50IN
Elbow

Inverted Flare x
Female Pipe

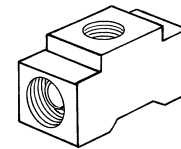
04350-			
0302	3/16 x 1/8	4	403.81
0402	1/4 x 1/8	4	328.70
0502	5/16 x 1/8	5	389.47
0604	3/8 x 1/4	11	531.74



51IN
Tee

Inverted Flare x
Male Pipe x
Inverted Flare

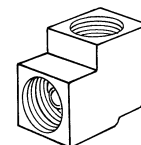
04351-			
0302	3/16 x 1/8	6	547.69
0402	1/4 x 1/8	7	POR
0502	5/16 x 1/8	8	669.64
0604	3/8 x 1/4	9	809.07



52IN
Tee

Inverted Flare x
Inverted Flare x
FIP (Branch)

04352-			
0502	5/16 x 1/8	8	711.09
0604	3/8 x 1/4	12	757.89



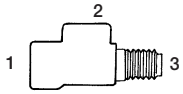
55IN
Elbow

Inverted Flare x
Inverted Flare

04355-			
04	1/4	6	343.72
06	3/8	6	POR

Brass Inverted Flare Fittings

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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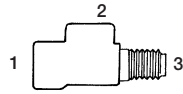


127BT
Trailer Brake Tee

Inverted Flare Three Ends
Read 1-2-3

08601	127BT01	1/4x1/4x1/4	658.46
08602	127BT02	3/16x1/4x3/16	646.48
08603	127BT03	3/16x3/16x3/16	537.41
08604	127BT04	1/4x3/16x1/4	505.22
08605	127BT05	3/16(9/16-18)x3/16x9/16-18	577.49
08606	127BT06	1/4(9/16-18)x3/16x9/16-18	645.67
08607	127BT07	3/16(9/16-20)x3/16x9/16-20	670.32
08608	127BT08	3/16(1/2-20)x3/16x1/2-20	656.36
08609	127BT09	3/16(7/16-24)x3/16x1/4	555.22
08610	127BT10	1/4x3/16x1/4 MIP	606.32

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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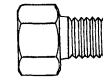


127BTC
Trailer Brake Tee
Nickel Plated

Inverted Flare Three Ends
Read 1-2-3

08631	127BT01C	1/4x1/4x1/4	1309.17
08632	127BT02C	3/16x1/4x3/16	919.77
08633	127BT03C	3/16x3/16x3/16	857.35
08634	127BT04C	1/4x3/16x1/4	867.17
08635	127BT05C	3/16(9/16-18)x3/16x9/16-18	921.74
08636	127BT06C	1/4(9/16-18)x3/16x9/16-18	1002.02
08637	127BT07C	3/16(9/16-20)x3/16x9/16-20	1024.51
08638	127BT08C	3/16(1/2-20)x3/16x1/2-20	968.50
08639	127BT09C	3/16(7/16-24)x3/16x1/4	814.81
08640	127BT10C	1/4x3/16x1/4 MIP	864.23

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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48STA
Dual Master
Cylinder Adapter

Female Inverted Flare x
Straight Thread

08681	48STA01	3/16x1/2-20	5	626.52
08683	48STA03	1/4x7/16-20	5	460.69
08684	48STA04	1/4x1/2-20	5	402.83
08685	48STA05	5/16x1/2-20	5	481.50

Nuts seal on hex face

Brass Space Heater Fittings (9/16-24 fine thread flare)

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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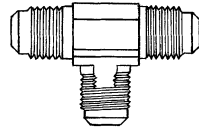


800
Flare Nut

04800-

06	3/8	4	81.50
0604	3/8 x 1/4	6	146.29

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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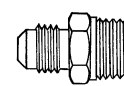
844
Flare
Tee

04844-

Flare All Ends

06	3/8	12	611.29
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Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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Half
Union

04808-

Flare x
Male Pipe

0606	803	3/8 x 3/8	8	172.24
0608	804	3/8 x 1/2	11	232.82

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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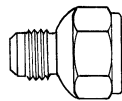


800CP
Chrome Flare Nut

04801-

06	3/8	4	199.41
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Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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Female
Coupling

04806-

Flare x
Female Pipe

0606	805	3/8 x 3/8	6	181.38
0608	806	3/8 x 1/2	14	206.75
0612	807	3/8 x 3/4	17	574.71

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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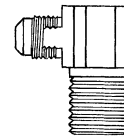


840
Flare Cap

04840-

06	3/8	4	87.05
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Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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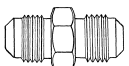
809
Elbow

04809-

Flare x
Male Pipe

0606	3/8 x 3/8	10	436.33
0608	3/8 x 1/2	11	749.20

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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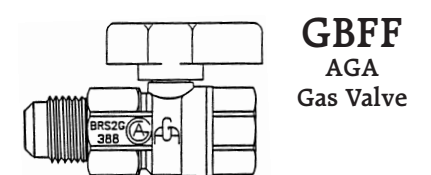


802
Union

04802-

Flare x Flare

06	3/8	6	200.62
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GBFF
AGA
Gas Valve

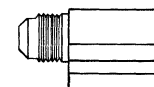
40046-

Flare x
Female Pipe

0908	9/16-24 x 1/2	42	*
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*Refer to Current Valve Catalog for pricing

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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850
Elbow

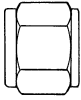
04850-

Flare x
Female Pipe

0606	3/8 x 3/8	10	448.53
0608	3/8 x 1/2	11	555.52

Brass Range Connector Fittings (15/16-16 flare thread)

Computer Number	Size	Weight Per 100	Price Per 100
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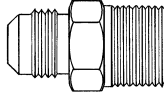


441SRC
Flare Nut

04741-

15	15/16	21	298.83
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Computer Number	Size	Weight Per 100	Price Per 100
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408RC
Connector

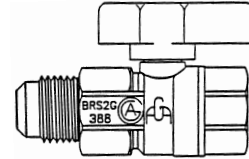
04748-

Flare x Male Pipe

1508	15/16 x 1/2	24	460.96
1512	15/16 x 3/4	32	605.28
151208	15/16 x 3/4*	32	713.08

*Tapped 1/2 Female Pipe Order 408-RCT

Computer Number	Size	Weight Per 100	Price Per 100
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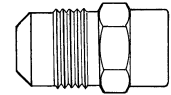
GBFF
AGA
Gas Valve

40046-

Flare x
Female Pipe

1512	15/16 x 3/4	57	*
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*Refer to Current Valve Catalog for pricing



406RC
Female Coupling

04746-

Flare x Female Pipe

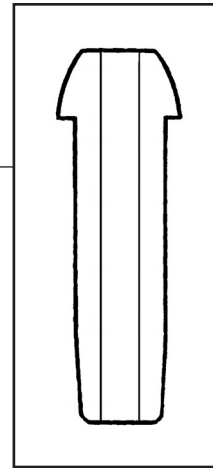
1508	15/16 x 1/2	32	484.25
1512	15/16 x 3/4	36	567.36

PLEASE CONTACT US FOR OUR OTHER CATALOGS:

- Chrome Stops and Supplies
- Brass Clean Out Plugs
- Plumbing Valves
- Icemaker Kits
- Red Brass Fittings and Nipples
- Teflon Tape and Tube Straps
- Brass Repair Couplings
- Merchandisers
- Polyethylene, Aluminum and Copper Tubing

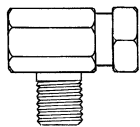
Brass LPG Fittings (POL)

- Used only for LPG applications
- Special left-handed thread (7/8 - 14)



Brass LPG Fittings (POL)

Computer Number	Size	Weight Per 100	Price Per 100
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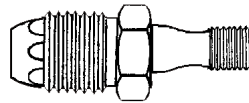
2000
Tee
Check

05200

Computer Number	Size	Weight Per 100	Price Per 100
	1/4	13	1382.58

Inverted Flare x
Inverted Flare x
Male Pipe

Computer Number	Size	Weight Per 100	Price Per 100
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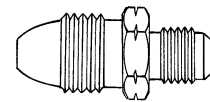
2002AB
Pol Assembly

05225

Computer Number	Size	Weight Per 100	Price Per 100
		23	606.95

Pol x MIP

Computer Number	Size	Weight Per 100	Price Per 100
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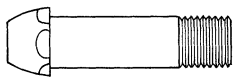
Connector

Pol x Flare

Computer Number	Size	Weight Per 100	Price Per 100	
05205	2005	3/8 Flare	20	598.52
05206	2006	1/2 Flare	21	678.46
05207	2007	5/8 Flare	23	795.62

05220

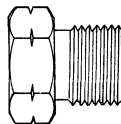
Computer Number	Size	Weight Per 100	Price Per 100
	1/4 MIP	14	387.43



2002A
Standard Pol
Tail Piece

05222

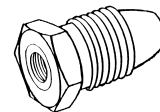
Computer Number	Size	Weight Per 100	Price Per 100
	1-1/8 Hex	16	550.78



2002BLH
Large Hex
Pol Nut

05208

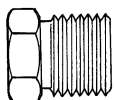
Computer Number	Size	Weight Per 100	Price Per 100
	1/4 FIP	14	709.55



2008
Connector

05221

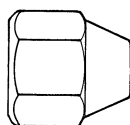
Computer Number	Size	Weight Per 100	Price Per 100
	7/8 Hex	9	219.52



2002B
Standard
Pol Nut

05204

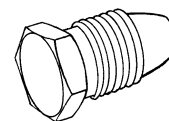
Computer Number	Size	Weight Per 100	Price Per 100
		13	796.48



2004
Pol Cap

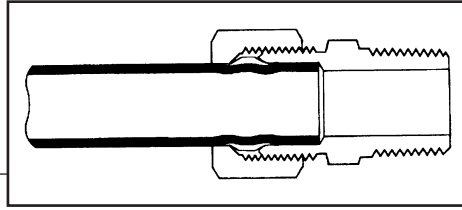
05214

Computer Number	Size	Weight Per 100	Price Per 100
		17	549.50



2014
Pol Plug

Brass Compression Fittings



- Three piece construction—nut, sleeve (or ferrule) and body
- Use with copper, aluminum, or plastic tubing (plastic requires 60P sleeve and 61P insert)
- -65° to +250° F. temperature range
- Standard fittings use short nuts. Long nuts are available for higher vibration applications. To buy compression fittings with long nut, please add a "1" in front of the part number. (i.e. 68 = 168)
- Easy to disassemble, no flaring tool required
- Primary uses: water, gasoline, oil, and vacuum lines

To Assemble:

- 1 Cut smooth, square end on tubing
- 2 Slide nut, then sleeve onto tube. Threads must face end
- 3 Insert tube into fitting
- 4 Thread nut onto fitting until snug, then as follows:

up to 1/4"	1 1/4 turns
5/16"	1 3/4 turns
3/8" and up	2 1/4 turns

Tube O.D.	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8
Thread Size	5/16-24	3/8-24	7/16-24	1/2-24	9/16-24	5/8-24	11/16-20	13/16-18	1-18	1 1/8-18

Brass Compression Fittings

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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60 Sleeve

00060-

Part No.	*	Tube O.D.	Weight	Price
02	*	1/8	1	10.58
03	*	3/16	1	11.50
04	*	1/4	1	11.39
05	*	5/16	1	14.33
06	*	3/8	1	13.58
07	*	7/16	1	45.49
08	*	1/2	1	28.26
10	*	5/8	1	40.40
12		3/4	2	82.65
14		7/8	3	92.94

*Sold in bags of 100 pcs. only



60P Delrin Sleeve

00560-

Part No.	*	Tube O.D.	Weight	Price
04	*	1/4	1	17.28
05	*	5/16	1	36.07
06	*	3/8	1	28.73
08	*	1/2	1	33.52
10	*	5/8	1	59.25

*Sold in bags of 100 pcs. only



CP Compression Plug

00039-

Part No.	CP	Tube O.D.	Weight	Price
04	CP4	1/4	2	135.25
06	CP6	3/8	3	154.73
10	CP10	5/8	3	186.41

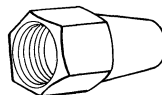
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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61 Nut

00061-

Part No.	Tube O.D.	Weight	Price
02	1/8	1	31.56
03	3/16	1	36.76
04	1/4	1	38.78
05	5/16	2	46.41
06	3/8	2	46.82
07	7/16	3	100.28
08	1/2	3	92.02
10	5/8	6	126.29
12	3/4	9	287.44
14	7/8	12	260.74



161 Long Nut

00161-

Part No.	Tube O.D.	Weight	Price
02	1/8	1	93.12
03	3/16	1	75.72
04	1/4	2	87.16
05	5/16	5	100.05
06	3/8	5	118.14
08	1/2	10	223.51
10	5/8	15	365.59
12	3/4	17	703.83

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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61P Brass Insert

00561-

Part No.	*	Tube O.D.	Hose I.D.	Weight	Price
02	*	1/8	.08	1	37.51
03	*	3/16	.095	1	53.81
04	*	1/4	.17	1	17.92
05	*	5/16	.187	2	39.65
06	*	3/8	.25	2	30.92
08	*	1/2	.375	3	84.97
10	*	5/8	.50	4	132.65

*Sold in bags of 100 pcs. only



61CX Cap

00081-

Part No.	Tube O.D.	Weight	Price
04	1/4	2	74.97
05	5/16	2	97.86
06	3/8	3	89.13
08	1/2	4	162.59
10	5/8	7	206.87

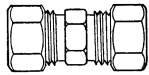
Listed Weights

Are

Approximate

Brass Compression Fittings

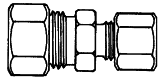
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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62
Union

00062- Compression x Compression

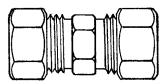
02	1/8	2	170.63
03	3/16	4	174.15
04	1/4	6	184.79
05	5/16	7	222.82
06	3/8	8	234.61
07	7/16	11	572.28
08	1/2	15	382.17
10	5/8	23	518.29
12	3/4	36	1262.47
14	7/8	44	1304.89



62R
Reducing Union

00082- Compression x Compression

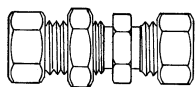
0402	1/4 x 1/8	4	271.31
0403	1/4 x 3/16	4	230.74
0504	5/16 x 1/4	6	258.25
0604	3/8 x 1/4	8	258.94
0605	3/8 x 5/16	8	325.59
0806	1/2 x 3/8	14	392.75
1006	5/8 x 3/8	20	419.69
1008	5/8 x 1/2	21	515.00



62T
Tank Union
(Drilled Through)

00092- Compression x Compression

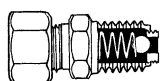
06	3/8	8	270.22
08	1/2	15	450.03
10	5/8	23	599.91
14	7/8	44	1331.77



62BH
Bulkhead Union
With Locknut

00083- Compression x Compression

04	1/4	9	697.01
06	3/8	11	1263.97
08	1/2	14	2285.30

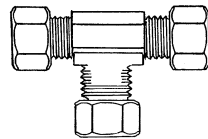


63
Ball Check
Valve

00063- Compression x Male Pipe

0202	1/8 x 1/8	1	1131.72
0302	3/16 x 1/8	3	1154.44
0402	1/4 x 1/8	5	665.74
0502	5/16 x 1/8	5	1326.97
0604	3/8 x 1/4	8	960.12

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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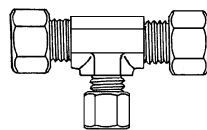


64
Tee

00064-

Compression
Three Ends

02	1/8	6	550.26
03	3/16	7	482.69
04	1/4	10	403.16
05	5/16	11	562.63
06	3/8	15	571.82
07	7/16	15	1388.24
08	1/2	28	888.91
10	5/8	50	1257.73
12	3/4	65	3447.08
14	7/8	80	3401.88

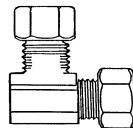


64R
Reducing
Tee

00084-

Compression
Three Ends

040402	1/4 x 1/4 x 1/8	8	586.50
040403	1/4 x 1/4 x 3/16	8	688.74
040406	1/4 x 1/4 x 3/8	10	754.35
050504	5/16 x 5/16 x 1/4	12	747.35
060404	3/8 x 1/4 x 1/4	22	870.29
060604	3/8 x 3/8 x 1/4	24	653.37
080804	1/2 x 1/2 x 1/4	26	1047.97
080806	1/2 x 1/2 x 3/8	40	1232.82
101004	5/8 x 5/8 x 1/4	44	1637.24
101006	5/8 x 5/8 x 3/8	45	1443.44
101008	5/8 x 5/8 x 1/2	50	1524.88



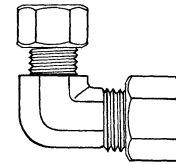
65
Elbow

00065-

Compression x
Compression

02	1/8	4	433.85
03	3/16	5	401.48
04	1/4	7	334.32
05	5/16	8	404.31
06	3/8	10	405.00
07	7/16	11	856.08
08	1/2	21	666.72
10	5/8	30	827.75
12	3/4	40	2112.82
14	7/8	55	2850.06

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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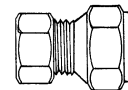


65R
Reducing
Elbow

00085-

Compression x
Compression

0604	3/8 x 1/4	8	586.73
0806	1/2 x 3/8	18	780.65
1006	5/8 x 3/8	24	758.28
1008	5/8 x 1/2	26	971.33

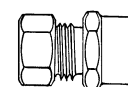


66
Female Coupling

00066-

Compression x
Female Pipe

0202	1/8 x 1/8	2	136.64
0302	3/16 x 1/8	4	144.79
0304	3/16 x 1/4	5	571.24
0402	1/4 x 1/8	5	148.95
0404	1/4 x 1/4	6	191.90
0406	1/4 x 3/8	8	449.92
0408	1/4 x 1/2	10	567.08
0502	5/16 x 1/8	6	181.49
0504	5/16 x 1/4	7	223.86
0506	5/16 x 3/8	8	378.65
0602	3/8 x 1/8	8	205.94
0604	3/8 x 1/4	8	213.28
0606	3/8 x 3/8	10	232.12
0608	3/8 x 1/2	13	265.94
0612	3/8 x 3/4	15	1069.99
0804	1/2 x 1/4	10	621.23
0806	1/2 x 3/8	14	322.70
0808	1/2 x 1/2	16	342.93
0812	1/2 x 3/4	23	1094.44
1006	5/8 x 3/8	22	489.10
1008	5/8 x 1/2	23	438.76
1012	5/8 x 3/4	25	673.02
1208	3/4 x 1/2	27	1348.88
1212	3/4 x 3/4	30	1650.54
1408	7/8 x 1/2	32	1790.12
1412	7/8 x 3/4	34	916.77



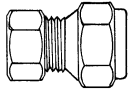
66S
Compression x
Sweat Adapter

00086-

0610	3/8 x 5/8 O.D. (1/2 Nom. Sweat)	23	199.29
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Brass Compression Fittings

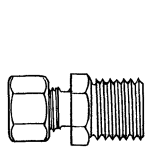
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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66T
Tank Coupling
(Drilled Through)

00096- Compression x Female Pipe

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0606	3/8 x 3/8	10	241.98
0608	3/8 x 1/2	13	276.56
0806	1/2 x 3/8	14	328.99
0808	1/2 x 1/2	16	351.86
1008	5/8 x 1/2	23	451.70

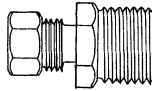


68
Connector

00068- Compression x Male Pipe

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0202	1/8 x 1/8	1	133.52
0302	3/16 x 1/8	2	137.45
0304	3/16 x 1/4	3	202.07
0402	1/4 x 1/8	5	132.36
0404	1/4 x 1/4	7	153.00
0406	1/4 x 3/8	9	248.48
0408	1/4 x 1/2	11	404.31
0502	5/16 x 1/8	6	150.68
0504	5/16 x 1/4	7	188.08
0506	5/16 x 3/8	8	336.97
0508	5/16 x 1/2	9	1148.83
0602	3/8 x 1/8	8	181.61
0604	3/8 x 1/4	9	169.59
0606	3/8 x 3/8	10	206.11
0608	3/8 x 1/2	15	277.21
0612	3/8 x 3/4	24	509.45
0704	7/16 x 1/4	8	358.94
0706	7/16 x 3/8	10	472.05
0804	1/2 x 1/4	11	285.99
0806	1/2 x 3/8	12	266.98
0808	1/2 x 1/2	15	305.76
0812	1/2 x 3/4	25	531.07
1006	5/8 x 3/8	16	370.61
1008	5/8 x 1/2	18	359.52
1012	5/8 x 3/4	25	581.41
1208	3/4 x 1/2	27	828.33
1212	3/4 x 3/4	30	841.86
1408	7/8 x 1/2	30	1350.73
1412	7/8 x 3/4	40	819.49
1416	7/8 x 1	46	1751.63

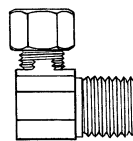
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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68T
Tank Connector
(Drilled Through)

00088- Compression x Male Pipe

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0302	3/16 x 1/8	5	172.82
0402	1/4 x 1/8	5	158.55
0404	1/4 x 1/4	7	173.57
0604	3/8 x 1/4	8	191.78
0606	3/8 x 3/8	9	219.18
0608	3/8 x 1/2	10	283.80
0806	1/2 x 3/8	12	298.42
0808	1/2 x 1/2	15	318.36
0812	1/2 x 3/4	21	541.70
1008	5/8 x 1/2	18	396.33
1012	5/8 x 3/4	25	642.79

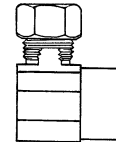


69
Elbow

00069- Compression x Male Pipe

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0202	1/8 x 1/8	4	247.79
0302	3/16 x 1/8	5	255.36
0304	3/16 x 1/4	7	372.52
0402	1/4 x 1/8	5	228.89
0404	1/4 x 1/4	7	249.64
0406	1/4 x 3/8	9	402.98
0408	1/4 x 1/2	11	667.59
0502	5/16 x 1/8	7	288.48
0504	5/16 x 1/4	8	335.12
0506	5/16 x 3/8	9	528.00
0508	5/16 x 1/2	9	767.76
0602	3/8 x 1/8	8	321.71
0604	3/8 x 1/4	8	311.60
0606	3/8 x 3/8	9	387.55
0608	3/8 x 1/2	10	514.42
0612	3/8 x 3/4	11	891.57
0704	7/16 x 1/4	9	783.94
0706	7/16 x 3/8	10	787.76
0804	1/2 x 1/4	14	540.49
0806	1/2 x 3/8	15	493.03
0808	1/2 x 1/2	17	631.12
0812	1/2 x 3/4	25	1237.61
1006	5/8 x 3/8	24	688.05
1008	5/8 x 1/2	25	777.81
1012	5/8 x 3/4	25	1155.71
1208	3/4 x 1/2	32	1466.56
1212	3/4 x 3/4	35	1554.94
1408	7/8 x 1/2	38	2056.87
1412	7/8 x 3/4	45	2098.83

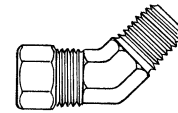
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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69S
Compression x
Sweat Elbow

00089-

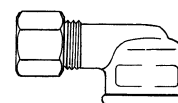
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0610	3/8 x 5/8 O.D. (1/2 Nom. Sweat)	12	501.76



6945
45° Elbow

00095- Compression x Male Pipe

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0302	3/16 x 1/8	4	567.19
0402	1/4 x 1/8	5	458.35
0404	1/4 x 1/4	6	570.25
0502	5/16 x 1/8	7	621.47
0504	5/16 x 1/4	8	684.64
0602	3/8 x 1/8	8	1286.11
0604	3/8 x 1/4	9	562.63
0606	3/8 x 3/8	10	1014.97
0806	1/2 x 3/8	17	718.74
0808	1/2 x 1/2	19	1569.96
1008	5/8 x 1/2	25	1591.81



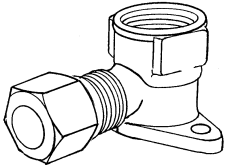
70
Elbow

00070- Compression x Female Pipe

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0202	1/8 x 1/8	4	577.42
0302	3/16 x 1/8	5	422.11
0402	1/4 x 1/8	7	327.44
0404	1/4 x 1/4	8	431.77
0406	1/4 x 3/8	9	750.48
0408	1/4 x 1/2	12	820.88
0502	5/16 x 1/8	10	469.22
0504	5/16 x 1/4	10	558.75
0602	3/8 x 1/8	10	489.91
0604	3/8 x 1/4	11	460.78
0606	3/8 x 3/8	12	510.95
0608	3/8 x 1/2	13	527.54
0612	3/8 x 3/4	15	1148.08
0804	1/2 x 1/4	16	862.49
0806	1/2 x 3/8	18	661.06
0808	1/2 x 1/2	20	742.21
0812	1/2 x 3/4	23	1119.47
1006	5/8 x 3/8	22	1150.62
1008	5/8 x 1/2	25	876.83
1012	5/8 x 3/4	30	1147.50
1208	3/4 x 1/2	38	2197.79
1212	3/4 x 3/4	42	2434.13

Brass Compression Fittings

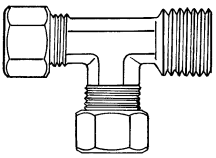
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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70DE
Drop Ear
Elbow

00090- Compression x Female Pipe

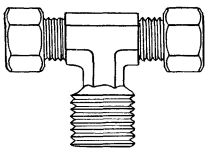
1008	5/8 x 1/2	28	1719.15
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71
Tee

00071- Compression x Male Pipe

0202	1/8 x 1/8	5	528.81
0302	3/16 x 1/8	5	536.85
0402	1/4 x 1/8	8	435.23
0404	1/4 x 1/4	9	519.91
0502	5/16 x 1/8	10	711.52
0504	5/16 x 1/4	11	750.36
0602	3/8 x 1/8	11	702.56
0604	3/8 x 1/4	12	626.96
0606	3/8 x 3/8	14	792.78
0806	1/2 x 3/8	22	977.05
0808	1/2 x 1/2	25	1279.52
1008	5/8 x 1/2	40	1518.64
1208	3/4 x 1/2	52	3064.15
1212	3/4 x 3/4	56	3455.57

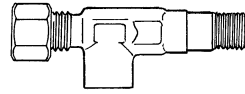


72
Tee

00072- Compression x Male Pipe

0202	1/8 x 1/8	5	671.46
0302	3/16 x 1/8	6	515.87
0402	1/4 x 1/8	8	457.72
0404	1/4 x 1/4	9	531.18
0502	5/16 x 1/8	10	522.17
0504	5/16 x 1/4	11	577.02
0602	3/8 x 1/8	11	633.55
0604	3/8 x 1/4	12	532.40
0606	3/8 x 3/8	14	648.92
0608	3/8 x 1/2	16	1272.06
0804	1/2 x 1/4	19	1071.79
0806	1/2 x 3/8	22	884.40
0808	1/2 x 1/2	25	1207.90
1008	5/8 x 1/2	40	1338.42
1208	3/4 x 1/2	52	3053.63
1212	3/4 x 3/4	55	3141.14

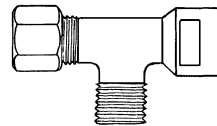
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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74
Tee

00074- Compression x Male Pipe x Female Pipe

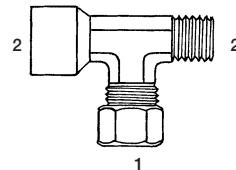
040202	1/4 x 1/8 x 1/8	8	1182.18
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75
Tee

00075- Compression x Female Pipe x Male Pipe

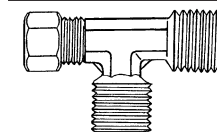
040202	1/4 x 1/8 x 1/8	8	758.34
040404	1/4 x 1/4 x 1/4	10	913.47



76
Tee

00076- Compression x Female Pipe x Male Pipe

0202	1/8 x 1/8	7	POR
0302	3/16 x 1/8	7	879.83
0402	1/4 x 1/8	8	599.39
0404	1/4 x 1/4	9	818.62
0502	5/16 x 1/8	10	805.96
0604	3/8 x 1/4	11	864.11

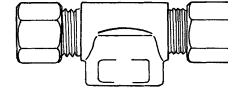


77
Tee

00077- Compression x Male Pipe

0606	3/8 x 3/8	12	1174.09
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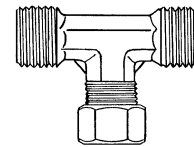
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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78
Tee

00078- Compression x Female Pipe

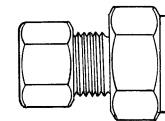
0402	1/4 x 1/8	8	855.90
0404	1/4 x 1/4	9	1133.86
0602	3/8 x 1/8	10	801.22
0604	3/8 x 1/4	11	944.80
0606	3/8 x 3/8	14	1186.23
0802	1/2 x 1/8	17	1178.02
0806	1/2 x 3/8	22	1479.39
1002	5/8 x 1/8	26	1946.13



79
Tee

00079- Male Pipe x Compression

0606	3/8 x 3/8	14	1428.01
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Ballcock
Adapter

00087- Compression x Ballcock

06	40375C	3/8	12	821.40
08	40500C	1/2	15	998.21

Drawings Are For Identification Purposes

— ONLY —

Patterns May Vary

Chrome Plated Compression Fittings

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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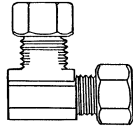


61CP
Nut

00661-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
04	1/4	2	72.54
06	3/8	2	110.57
07	7/16	3	178.14
08	1/2	3	124.15
10	5/8	6	166.06

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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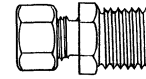


65CP
Elbow

00665-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
06	3/8	18	509.85
08	1/2	24	774.98
10	5/8	26	1006.24

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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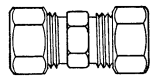


68CP
Connector

00668-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0406	1/4 x 3/8	9	528.75
0604	3/8 x 1/4	9	479.97
0606	3/8 x 3/8	9	304.43
0608	3/8 x 1/2	10	366.11
0806	1/2 x 3/8	12	395.64
0808	1/2 x 1/2	15	420.96
1006	5/8 x 3/8	16	923.07
1008	5/8 x 1/2	18	829.49

Compression x
Male Pipe

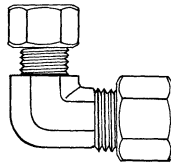


62CP
Union

00662-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
06	3/8	8	318.65
08	1/2	15	486.10
10	5/8	23	653.95

Compression x
Compression

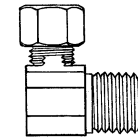


65RCP
Reducing
Elbow

00685-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0806	1/2 x 3/8	18	980.17
1006	5/8 x 3/8	24	825.10

Compression x
Compression

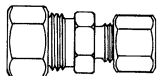


69CP
Elbow

00669-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0604	3/8 x 1/4	8	473.44
0606	3/8 x 3/8	9	472.52
0608	3/8 x 1/2	10	668.69
0806	1/2 x 3/8	15	682.04
0808	1/2 x 1/2	17	739.15

Compression x
Male Pipe

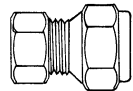


62RCP
Reducing
Union

00682-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0604	3/8 x 1/4	8	434.54
0806	1/2 x 3/8	14	459.74
1006	5/8 x 3/8	19	542.74
1008	5/8 x 1/2	21	690.54

Compression x
Compression

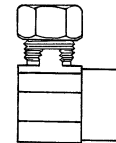


66CP
Female
Coupling

00666-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0606	3/8 x 3/8	10	311.14
0608	3/8 x 1/2	13	358.88
0806	1/2 x 3/8	14	429.97
0808	1/2 x 1/2	16	462.52

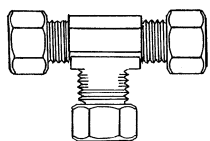
Compression x
Female Pipe



69SCP
Compression x
Sweat Elbow

00689-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0610	3/8 x 5/8 (1/2 Nom. Sweat)	12	599.50

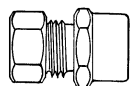


64CP
Tee

00664-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
06	3/8	15	1065.02
08	1/2	28	1174.55
10	5/8	50	1545.92

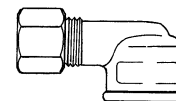
Compression
Three Ends



66SCP
Compression x
Sweat Adapter

00686-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0610	3/8 x 5/8 (1/2 Nom. Sweat)	13	326.28



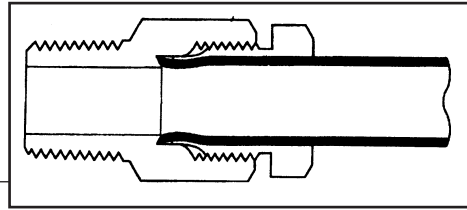
70CP
Elbow

00670-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0606	3/8 x 3/8	10	587.25
0608	3/8 x 1/2	12	682.96
0806	1/2 x 3/8	17	676.66
0808	1/2 x 1/2	20	830.88

Compression x
Female Pipe

Brass Double Compression Threaded Sleeve Fittings



- Two piece construction – nut and body
- Use with copper, brass, aluminum, and plastic tubing (plastic requires insert 61P)
- -65° to +250° F. temperature range
- No special tubing preparation
- Fair vibration resistance
- Primary uses: automotive and gas control valves

To Assemble:

- 1 Cut smooth, square end on tubing
- 2 Slide nut onto tube—threads facing end
- 3 Insert tube into fitting
- 4 Thread nut into fitting until snug, then 1 1/2 turns

Tube O.D.	1/8	3/16	1/4	5/16	3/8	1/2	5/8
Thread Size	5/16-24	3/8-24	7/16-24	1/2-20	9/16-20	11/16-20	7/8-18

Brass Double Compression Threaded Sleeve Fittings

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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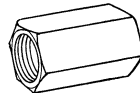


181
Nut

00881-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
02	1/8	1	67.05
03	3/16	1	75.54
04	1/4	1	82.71
05	5/16	2	83.69
06	3/8	2	114.27
08	1/2	2	294.78
10	5/8	4	656.61

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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182
Union

00882-

Compression x
Compression

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
02	1/8	4	918.56
03	3/16	5	925.55
04	1/4	6	481.76
05	5/16	6	528.93

Pilot Light Fittings

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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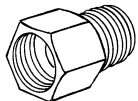


181SP
Nut
With Break-Away
Sleeve

00880-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
02	1/8	5	372.58
03	3/16	5	405.58
04	1/4	5	149.59
06	3/8	5	561.24

*Screws into gas control valves for furnaces, water heaters, etc.

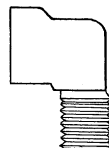


188
Connector

00888-

Female Compression
x Male Pipe

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0202	1/8 x 1/8	2	97.80
0302	3/16 x 1/8	2	104.50
0304	3/16 x 1/4	3	148.55
0402	1/4 x 1/8	3	113.98
0404	1/4 x 1/4	4	190.91
0502	5/16 x 1/8	4	158.43
0504	5/16 x 1/4	5	189.30
0602	3/8 x 1/8	5	295.13
0604	3/8 x 1/4	5	320.45



189
Elbow

00889-

Female Compression
x Male Pipe

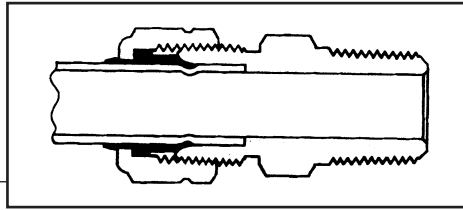
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0202	1/8 x 1/8	4	490.90
0302	3/16 x 1/8	4	505.40
0402	1/4 x 1/8	5	485.69
0404	1/4 x 1/4	7	492.63
0502	5/16 x 1/8	8	449.68
0602	3/8 x 1/8	8	972.49
0604	3/8 x 1/4	8	819.20
0806	1/2 x 3/8	5	1458.24

Listed Weights

Are

Approximate

Brass Self-Aligning Compression Fittings



- Sleeve and nut permanently attached
- Sleeve is visible after installation, helping to eliminate misaligned sleeves
- Two piece construction – nut and body
- Use with copper, brass, aluminum, or plastic tubing (plastic requires insert 61P)
- -65° to +250° F. temperature range
- Quicker assembly than flare or regular compression
- Better vibration resistance than regular compression fittings
- Can be used anywhere a regular compression fitting is used, especially when installation may be difficult

To Assemble:

- 1 Cut smooth, square end on tubing
- 2 Slide nut over tube, threads facing end
- 3 Insert tube into fitting
- 4 Thread nut onto fitting until snug, then one more turn

Tube O.D.	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8
Thread Size	5/16-24	3/8-24	7/16-24	1/2-24	9/16-24	11/16-20	13/16-18	1-18	1 1/8-18

Brass Self-Aligning Compression Fittings

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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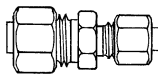


61SA
Nut
With Captive
Sleeve

00261-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
02	1/8	1	152.82
03	3/16	1	156.81
04	1/4	1	130.28
05	5/16	2	178.43
06	3/8	2	159.24
08	1/2	3	238.25
10	5/8	6	284.67
12	3/4	9	798.33
14	7/8	12	1719.67

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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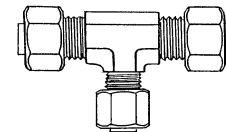


62RSA
Reducing Union

00282- Compression x Compression

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0402	1/4 x 1/8	4	695.97
0403	1/4 x 3/16	5	709.96
0504	5/16 x 1/4	6	740.36
0604	3/8 x 1/4	8	651.52
0605	3/8 x 5/16	8	777.29
0806	1/2 x 3/8	14	926.36
1006	5/8 x 3/8	20	1101.67
1008	5/8 x 1/2	21	1211.20

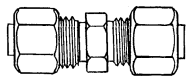
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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64RSA
Reducing
Tee

00284- Compression Three Ends

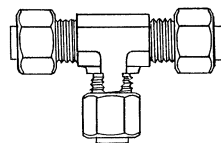
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
040402	1/4 x 1/4 x 1/8	8	1107.39
040403	1/4 x 1/4 x 3/16	8	1171.72
050504	5/16 x 5/16 x 1/4	10	1231.37
060604	3/8 x 3/8 x 1/4	12	1282.52
080804	1/2 x 1/2 x 1/4	24	1661.87
080806	1/2 x 1/2 x 3/8	26	1708.05
101006	5/8 x 5/8 x 3/8	44	2087.33
101008	5/8 x 5/8 x 1/2	46	2384.65



62SA
Union

00262- Compression x Compression

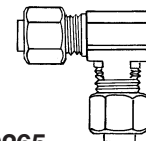
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
02	1/8	3	475.35
03	3/16	4	492.98
04	1/4	6	363.10
05	5/16	7	510.32
06	3/8	8	520.49
08	1/2	15	691.81
10	5/8	23	1085.14
12	3/4	36	2799.20
14	7/8	44	3559.56



64SA
Tee

00264- Compression Three Ends

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
02	1/8	6	1014.04
03	3/16	7	951.50
04	1/4	10	795.67
05	5/16	11	1050.28
06	3/8	15	1009.48
08	1/2	28	1234.09
10	5/8	50	1723.02
12	3/4	65	5062.30
14	7/8	80	6170.15



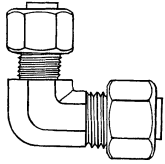
65SA
Elbow

00265- Compression x Compression

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
02	1/8	4	705.16
03	3/16	5	721.63
04	1/4	7	538.29
05	5/16	8	860.41
06	3/8	10	681.46
08	1/2	21	967.34
10	5/8	30	1109.59
12	3/4	40	3557.42
14	7/8	55	4654.23

Brass Self-Aligning Compression Fittings

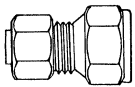
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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65RSA
Reducing Elbow

Compression x Compression

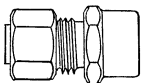
00285-			
0604	3/8 x 1/4	8	937.52
0806	1/2 x 3/8	18	1170.97
1006	5/8 x 3/8	24	1198.95
1008	5/8 x 1/2	26	1562.51



66SA
Female Coupling

Compression x Female Pipe

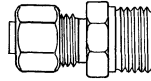
00266-			
0202	1/8 x 1/8	3	299.29
0302	3/16 x 1/8	3	324.60
0304	3/16 x 1/4	4	746.26
0402	1/4 x 1/8	5	271.54
0404	1/4 x 1/4	6	385.87
0406	1/4 x 3/8	8	607.07
0408	1/4 x 1/2	10	725.68
0502	5/16 x 1/8	6	345.82
0504	5/16 x 1/4	7	415.52
0506	5/16 x 3/8	8	560.78
0602	3/8 x 1/8	7	325.18
0604	3/8 x 1/4	8	460.84
0606	3/8 x 3/8	10	479.57
0608	3/8 x 1/2	13	512.74
0612	3/8 x 3/4	17	1284.20
0804	1/2 x 1/4	10	808.56
0806	1/2 x 3/8	14	503.21
0808	1/2 x 1/2	16	540.08
0812	1/2 x 3/4	23	1340.09
1006	5/8 x 3/8	20	881.28
1008	5/8 x 1/2	23	831.68
1012	5/8 x 3/4	26	919.19
1208	3/4 x 1/2	26	2399.05
1212	3/4 x 3/4	30	2616.78
1408	7/8 x 1/2	34	2872.95
1412	7/8 x 3/4	38	2927.86



66SSA
Compression x Sweat Adapter

00286-			
0610	3/8 x 5/8 O.D. (1/2 Nom. Sweat)	13	365.35

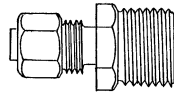
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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68SA
Connector

00268- Compression x Male Pipe

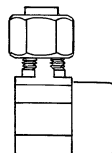
0202	1/8 x 1/8	3	278.65
0302	3/16 x 1/8	3	285.76
0304	3/16 x 1/4	4	354.08
0402	1/4 x 1/8	5	234.49
0404	1/4 x 1/4	7	274.61
0406	1/4 x 3/8	9	365.59
0408	1/4 x 1/2	11	519.10
0502	5/16 x 1/8	6	355.41
0504	5/16 x 1/4	7	367.49
0506	5/16 x 3/8	8	485.92
0508	5/16 x 1/2	11	1318.53
0602	3/8 x 1/8	8	324.84
0604	3/8 x 1/4	9	318.48
0606	3/8 x 3/8	10	377.67
0608	3/8 x 1/2	15	415.99
0612	3/8 x 3/4	21	765.97
0804	1/2 x 1/4	11	538.29
0806	1/2 x 3/8	12	530.14
0808	1/2 x 1/2	15	546.21
0812	1/2 x 3/4	25	750.24
1006	5/8 x 3/8	16	703.72
1008	5/8 x 1/2	18	659.27
1012	5/8 x 3/4	25	893.99
1208	3/4 x 1/2	27	1427.72
1212	3/4 x 3/4	30	1465.98
1408	7/8 x 1/2	30	2790.12
1412	7/8 x 3/4	40	2365.70
1416	7/8 x 1	48	3346.68



68TSA
Tank Connector (Drilled Through)

00288- Compression x Male Pipe

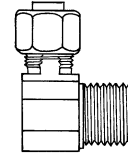
0402	1/4 x 1/8	5	284.67
0404	1/4 x 1/4	7	347.67
0604	3/8 x 1/4	9	389.69
0606	3/8 x 3/8	10	410.73
0608	3/8 x 1/2	15	479.34
0806	1/2 x 3/8	12	495.81
0808	1/2 x 1/2	15	497.95
1008	5/8 x 1/2	18	596.50
1012	5/8 x 3/4	25	952.54



69SSA
Compression x Sweat Elbow

00289-			
0610	3/8 x 5/8 O.D. (1/2 Nom. Sweat)	20	606.84

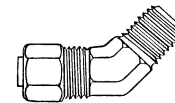
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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69SA
Elbow

Compression x Male Pipe

00269-			
0202	1/8 x 1/8	2	392.64
0302	3/16 x 1/8	3	401.71
0304	3/16 x 1/4	4	538.81
0402	1/4 x 1/8	5	382.64
0404	1/4 x 1/4	7	405.24
0406	1/4 x 3/8	9	570.49
0408	1/4 x 1/2	11	861.62
0502	5/16 x 1/8	7	468.01
0504	5/16 x 1/4	8	518.47
0506	5/16 x 3/8	9	763.42
0508	5/16 x 1/2	12	967.98
0602	3/8 x 1/8	7	497.08
0604	3/8 x 1/4	8	415.29
0606	3/8 x 3/8	9	473.79
0608	3/8 x 1/2	10	629.50
0612	3/8 x 3/4	12	1117.16
0804	1/2 x 1/4	14	896.82
0806	1/2 x 3/8	15	616.84
0808	1/2 x 1/2	17	663.26
0812	1/2 x 3/4	25	1337.03
1006	5/8 x 3/8	23	920.29
1008	5/8 x 1/2	25	991.96
1012	5/8 x 3/4	28	1491.99
1208	3/4 x 1/2	32	2384.48
1212	3/4 x 3/4	35	1864.74
1408	7/8 x 1/2	38	3581.06
1412	7/8 x 3/4	38	3668.68



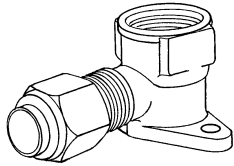
6945SA
45° Elbow

Compression x Male Pipe

00295-			
0302	3/16 x 1/8	4	752.96
0402	1/4 x 1/8	5	703.02
0404	1/4 x 1/4	6	798.45
0502	5/16 x 1/8	7	931.10
0504	5/16 x 1/4	8	966.36
0602	3/8 x 1/8	8	1582.32
0604	3/8 x 1/4	9	808.10
0606	3/8 x 3/8	10	1333.27
0806	1/2 x 3/8	17	953.76
0808	1/2 x 1/2	19	1676.78
1008	5/8 x 1/2	30	1756.48

Brass Self-Aligning Compression Fittings

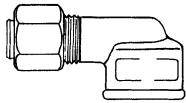
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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70DESA
Drop Ear
Elbow

00290- Compression x Female Pipe

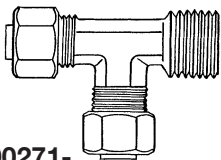
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
1008	5/8 x 1/2	45	2124.27



70SA
Elbow

00270- Compression x Female Pipe

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0202	1/8 x 1/8	4	760.30
0302	3/16 x 1/8	5	566.61
0402	1/4 x 1/8	7	498.24
0404	1/4 x 1/4	8	533.21
0406	1/4 x 3/8	9	797.41
0408	1/4 x 1/2	11	1040.86
0502	5/16 x 1/8	10	776.08
0504	5/16 x 1/4	10	817.47
0602	3/8 x 1/8	10	532.40
0604	3/8 x 1/4	11	559.27
0606	3/8 x 3/8	12	780.65
0608	3/8 x 1/2	14	816.25
0612	3/8 x 3/4	18	1389.17
0804	1/2 x 1/4	16	1074.56
0806	1/2 x 3/8	18	1090.80
0808	1/2 x 1/2	20	1178.43
0812	1/2 x 3/4	24	1339.05
1006	5/8 x 3/8	22	1521.99
1008	5/8 x 1/2	25	1061.84
1012	5/8 x 3/4	30	1470.32
1208	3/4 x 1/2	27	2816.07
1212	3/4 x 3/4	35	2867.86

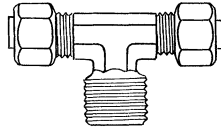


71SA
Tee

00271- Compression x Male Pipe

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0202	1/8 x 1/8	5	968.15
0302	3/16 x 1/8	5	988.03
0402	1/4 x 1/8	8	783.54
0404	1/4 x 1/4	9	859.72
0502	5/16 x 1/8	9	992.19
0504	5/16 x 1/4	10	1083.69
0602	3/8 x 1/8	11	1184.73
0604	3/8 x 1/4	12	1221.78
0606	3/8 x 3/8	14	1258.83
0806	1/2 x 3/8	22	1392.11
0808	1/2 x 1/2	25	1466.10
1008	5/8 x 1/2	40	1906.13
1208	3/4 x 1/2	52	4603.02
1212	3/4 x 3/4	56	4882.48

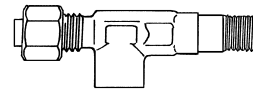
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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72SA
Tee

00272- Compression x Male Pipe

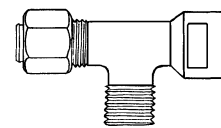
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0202	1/8 x 1/8	5	867.69
0302	3/16 x 1/8	6	880.29
0402	1/4 x 1/8	8	865.03
0404	1/4 x 1/4	9	894.63
0502	5/16 x 1/8	9	939.08
0504	5/16 x 1/4	10	1035.02
0602	3/8 x 1/8	11	1041.85
0604	3/8 x 1/4	12	950.98
0606	3/8 x 3/8	14	1103.23
0608	3/8 x 1/2	17	1649.67
0804	1/2 x 1/4	20	1315.24
0806	1/2 x 3/8	22	1436.21
0808	1/2 x 1/2	25	1680.42
1008	5/8 x 1/2	40	2148.43
1208	3/4 x 1/2	52	4691.68
1212	3/4 x 3/4	58	4993.28



74SA
Tee

00274- Compression x Male Pipe x Female Pipe

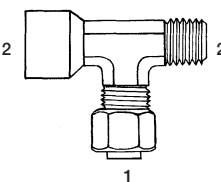
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
040202	1/4 x 1/8 x 1/8	8	1040.52



75SA
Tee

00275- Compression x Female Pipe x Male Pipe

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
040202	1/4 x 1/8 x 1/8	8	923.70
040404	1/4 x 1/4 x 1/4	10	943.30

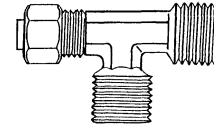


76SA
Tee

00276- Compression x Female Pipe x Male Pipe

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0202	1/8 x 1/8	6	POR
0302	3/16 x 1/8	7	1098.55
0402	1/4 x 1/8	8	735.10
0404	1/4 x 1/4	10	929.31
0604	3/8 x 1/4	12	972.37

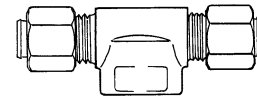
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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77SA
Tee

00277- Compression x Male Pipe x Male Pipe

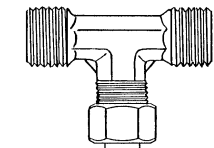
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0606	3/8 x 3/8	13	1104.96



78SA
Tee

00278- Compression x Female Pipe

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0402	1/4 x 1/8	8	889.72
0404	1/4 x 1/4	10	1141.78
0602	3/8 x 1/8	10	1072.88
0604	3/8 x 1/4	12	1231.89
0606	3/8 x 3/8	14	1553.38
0802	1/2 x 1/8	15	1637.07
0806	1/2 x 3/8	20	1865.67
1002	5/8 x 1/8	26	2201.08



79SA
Tee

00279- Male Pipe x Compression

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0606	3/8 x 3/8	14	1117.97



60IS
In Line Sleeve

00260-

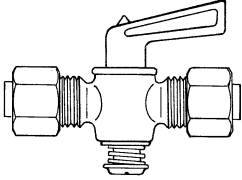
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
02	1/8	1	31.39
03	3/16	1	63.46
04	* 1/4	1	40.40
05	5/16	1	57.05
06	* 3/8	1	43.64
08	* 1/2	1	97.68
10	5/8	1	217.79

Use where alignment of the sleeve may be a problem, and three piece construction is desired. Use with 61 nut.

*Sold in bags of 100 pcs. only

Brass Self-Aligning Valves

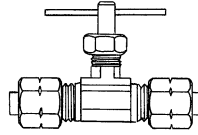
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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09616- Compression x Compression

04	28-CSA	1/4	20	1827.17
05	30-CSA	5/16	23	2137.85
06	58-CSA	3/8	30	2213.62
08	68-CSA	1/2	44	2940.81

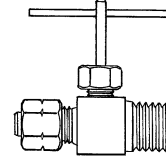
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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09606- Compression x Compression

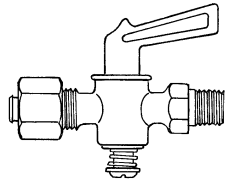
04	106-CSA	1/4x1/4	9	1148.66
05	107-CSA	5/16x5/16	15	1466.85
06	113-CSA	3/8x3/8	15	1410.72

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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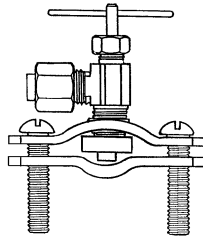
09601- Compression x Male Pipe

0402	101-CSA	1/4x1/8	10	959.60
0404	1101-CSA	1/4x1/4	11	1145.48
0502	102-CSA	5/16x1/8	20	1175.19
0604	143-CSA	3/8x1/4	18	1377.32



09611- Compression x Male Pipe

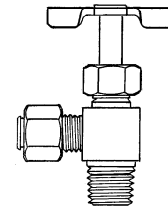
0402	27-CSA	1/4x1/8	18	1729.32
0404	227-CSA	1/4x1/4	22	1935.61
0502	29-CSA	5/16x1/8	20	1691.92
0504	229-CSA	5/16x1/4	23	2059.36
0604	57-CSA	3/8x1/4	30	2006.24
0606	557-CSA	3/8x3/8	33	2434.94
0806	67-CSA	1/2x3/8	51	3872.72



Valve With Brass Saddle

09695-

04	104-SCSA	1/4	30	1636.38
05	204-SCSA	5/16	33	1973.70
06	302-SCSA	3/8	30	2952.02



09603- Compression x Male Pipe

0402	103-CSA	1/4x1/8	10	736.55
0404	104-CSA	1/4x1/4	10	1369.98
0502	203-CSA	5/16x1/8	12	1075.14
0504	204-CSA	5/16x1/4	16	4104.61
0602	302-CSA	3/8x1/8	10	1723.89
0604	303-CSA	3/8x1/4	22	1520.31

Brass Compression Fittings for Plastic Tubing

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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60P
Delrin Sleeve

00560-

04	*	1/4	1	17.28
05	*	5/16	1	36.07
06	*	3/8	1	28.73
08	*	1/2	1	33.52
10	*	5/8	1	59.25

*Sold in bags of 100 pcs. only

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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61P
Brass Insert

00561-

		Hose I.D.			
02	*	1/8	.08	1	37.51
03	*	3/16	.095	1	53.81
04	*	1/4	.17	1	17.92
05	*	5/16	.187	2	39.65
06	*	3/8	.25	2	30.92
08	*	1/2	.375	3	84.97
10	*	5/8	.50	4	132.65

*Sold in bags of 100 pcs. only

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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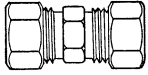
62P
Union

00562-

04	1/4	6	224.38
05	5/16	7	316.22
06	3/8	8	328.59
08	1/2	14	452.40
10	5/8	21	587.59

Brass Compression Fittings for Plastic Tubing

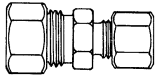
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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62PC
Union

00592- Plastic x Copper

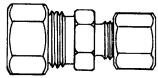
04	1/4	6	254.96
05	5/16	7	357.32
06	3/8	8	376.86
08	1/2	14	597.13
10	5/8	21	796.14



62RP
Reducing Union

00582- Plastic x Plastic

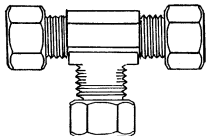
0504	5/16 x 1/4	7	371.31
0604	3/8 x 1/4	8	330.91
0605	3/8 x 5/16	9	438.88
0806	1/2 x 3/8	14	456.39
1006	5/8 x 3/8	19	525.17
1008	5/8 x 1/2	21	597.88



62RPC
Reducing Union

00593- Plastic x Copper

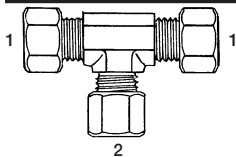
0504	5/16 x 1/4	7	364.66
0604	3/8 x 1/4	8	297.90
0605	3/8 x 5/16	9	399.05
0806	1/2 x 3/8	14	435.29
1006	5/8 x 3/8	19	579.21
1008	5/8 x 1/2	21	598.11



64P
Tee

00564- Plastic Three Ends

04	1/4	10	497.66
05	5/16	11	687.88
06	3/8	15	686.95
08	1/2	28	944.34
10	5/8	48	1274.20

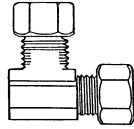


64RP
Reducing Tee

00584- Plastic Three Ends

050504	5/16 x 5/16 x 1/4	10	914.57
060604	3/8 x 3/8 x 1/4	12	852.32
080804	1/2 x 1/2 x 1/4	21	1329.98
080806	1/2 x 1/2 x 3/8	25	1430.49
101006	5/8 x 5/8 x 3/8	40	1716.72
101008	5/8 x 5/8 x 1/2	44	1757.47

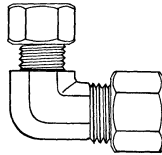
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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65P
Elbow

00565- Plastic x Plastic

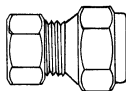
04	1/4	7	409.22
05	5/16	8	527.60
06	3/8	10	495.35
08	1/2	21	745.27
10	5/8	30	925.78



65RP
Reducing Elbow

00585- Plastic x Plastic

0604	3/8 x 1/4	8	668.17
0806	1/2 x 3/8	18	920.64
1006	5/8 x 3/8	24	909.95
1008	5/8 x 1/2	26	1047.45



66P
Female Coupling

00566- Plastic x Female Pipe

0402	1/4 x 1/8	5	182.53
0404	1/4 x 1/4	6	252.12
0406	1/4 x 3/8	8	485.69
0408	1/4 x 1/2	10	1109.59
0502	5/16 x 1/8	6	257.44
0504	5/16 x 1/4	7	309.81
0506	5/16 x 3/8	8	420.38
0602	3/8 x 1/8	7	269.69
0604	3/8 x 1/4	8	259.52
0606	3/8 x 3/8	10	268.02
0608	3/8 x 1/2	13	324.32
0612	3/8 x 3/4	15	1142.01
0804	1/2 x 1/4	10	683.08
0806	1/2 x 3/8	14	366.16
0808	1/2 x 1/2	16	380.04
0812	1/2 x 3/4	23	1151.03
1006	5/8 x 3/8	20	526.38
1008	5/8 x 1/2	23	494.13
1012	5/8 x 3/4	26	804.11

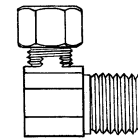
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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68P
Connector

00568- Plastic x Male Pipe

0402	1/4 x 1/8	5	156.81
0404	1/4 x 1/4	7	176.35
0406	1/4 x 3/8	9	270.39
0408	1/4 x 1/2	11	438.18
0502	5/16 x 1/8	6	186.12
0504	5/16 x 1/4	7	209.76
0506	5/16 x 3/8	8	414.89
0508	5/16 x 1/2	9	1207.04
0602	3/8 x 1/8	8	234.67
0604	3/8 x 1/4	9	216.75
0606	3/8 x 3/8	10	254.55
0608	3/8 x 1/2	12	321.83
0612	3/8 x 3/4	18	629.56
0804	1/2 x 1/4	11	349.23
0806	1/2 x 3/8	12	317.96
0808	1/2 x 1/2	15	359.63
0812	1/2 x 3/4	20	624.76
1006	5/8 x 3/8	16	441.30
1008	5/8 x 1/2	18	408.41
1012	5/8 x 3/4	25	631.58



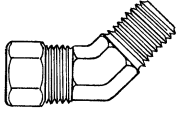
69P
Elbow

00569- Plastic x Male Pipe

0402	1/4 x 1/8	5	255.48
0404	1/4 x 1/4	7	313.04
0406	1/4 x 3/8	9	494.65
0408	1/4 x 1/2	11	809.60
0502	5/16 x 1/8	7	318.02
0504	5/16 x 1/4	8	372.29
0506	5/16 x 3/8	9	582.57
0508	5/16 x 1/2	11	853.65
0602	3/8 x 1/8	7	368.19
0604	3/8 x 1/4	8	354.03
0606	3/8 x 3/8	9	400.96
0608	3/8 x 1/2	10	557.02
0612	3/8 x 3/4	12	1121.78
0804	1/2 x 1/4	14	653.37
0806	1/2 x 3/8	15	520.26
0808	1/2 x 1/2	17	668.75
0812	1/2 x 3/4	25	1257.79
1006	5/8 x 3/8	23	802.38
1008	5/8 x 1/2	25	894.80
1012	5/8 x 3/4	30	1270.04

Brass Compression Fittings for Plastic Tubing

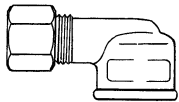
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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6945P
45° Elbow

00595- Plastic x Male Pipe

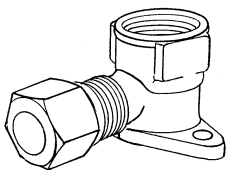
0402	1/4 x 1/8	5	518.06
0404	1/4 x 1/4	6	716.95
0502	5/16 x 1/8	7	818.68
0504	5/16 x 1/4	8	872.20
0602	3/8 x 1/8	8	1366.87
0604	3/8 x 1/4	9	862.43
0606	3/8 x 3/8	10	1127.50
0806	1/2 x 3/8	17	830.47
0808	1/2 x 1/2	21	1453.03
1008	5/8 x 1/2	30	1608.11



70P
Elbow

00570- Plastic x Female Pipe

0402	1/4 x 1/8	7	373.62
0404	1/4 x 1/4	8	504.31
0406	1/4 x 3/8	9	767.76
0408	1/4 x 1/2	10	965.72
0502	5/16 x 1/8	10	664.58
0504	5/16 x 1/4	10	682.85
0602	3/8 x 1/8	10	523.96
0604	3/8 x 1/4	11	532.68
0606	3/8 x 3/8	12	625.28
0608	3/8 x 1/2	14	650.94
0612	3/8 x 3/4	17	1298.59
0804	1/2 x 1/4	16	1012.66
0806	1/2 x 3/8	18	699.44
0808	1/2 x 1/2	20	775.50
0812	1/2 x 3/4	24	1219.35
1006	5/8 x 3/8	22	1502.34
1008	5/8 x 1/2	25	1106.93
1012	5/8 x 3/4	30	1254.14

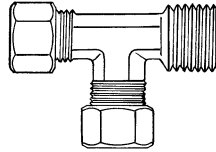


70PDE
Drop Ear
Elbow

00590- Plastic x Female Pipe

1008	5/8 x 1/2	28	1884.74
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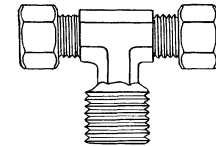
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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71P
Tee

00571- Plastic x Male Pipe

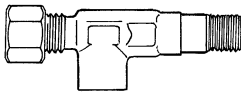
0402	1/4 x 1/8	8	501.59
0404	1/4 x 1/4	9	610.60
0502	5/16 x 1/8	9	774.98
0504	5/16 x 1/4	10	924.28
0602	3/8 x 1/8	11	763.54
0604	3/8 x 1/4	12	707.18
0606	3/8 x 3/8	14	928.90
0806	1/2 x 3/8	22	1048.67
0808	1/2 x 1/2	25	1457.89
1008	5/8 x 1/2	40	1757.00



72P
Tee

00572- Plastic x Male Pipe

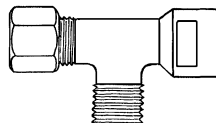
0402	1/4 x 1/8	8	551.01
0404	1/4 x 1/4	9	603.09
0502	5/16 x 1/8	9	704.52
0504	5/16 x 1/4	10	748.45
0602	3/8 x 1/8	11	705.45
0604	3/8 x 1/4	12	669.67
0606	3/8 x 3/8	14	814.40
0608	3/8 x 1/2	17	1339.11
0804	1/2 x 1/4	18	1202.24
0806	1/2 x 3/8	22	988.73
0808	1/2 x 1/2	25	1432.34
1008	5/8 x 1/2	38	1566.55



74P
Tee

00574- Plastic x Male Pipe x Female Pipe

040202	1/4 x 1/8 x 1/8	8	1039.24
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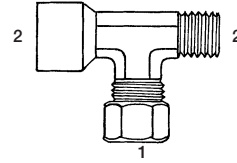


75P
Tee

00575- Plastic x Female Pipe x Male Pipe

040202	1/4 x 1/8 x 1/8	8	857.64
040404	1/4 x 1/4 x 1/4	10	997.22

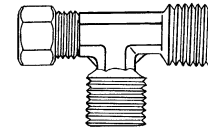
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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76P
Tee

00576- Plastic x Female Pipe x Male Pipe

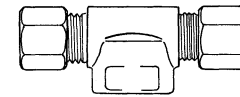
0402	1/4 x 1/8	8	730.48
0404	1/4 x 1/4	9	998.73
0604	3/8 x 1/4	11	1041.21



77P
Tee

00577- Plastic x Male Pipe

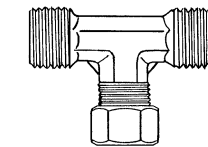
0606	3/8 x 3/8	12	1127.74
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78P
Tee

00578- Plastic x Female Pipe

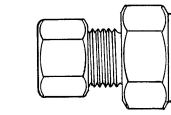
0402	1/4 x 1/8	8	1048.78
0404	1/4 x 1/4	9	1195.54
0602	3/8 x 1/8	10	1217.96
0604	3/8 x 1/4	11	1415.12
0606	3/8 x 3/8	14	1740.07
0802	1/2 x 1/8	17	1836.94
0806	1/2 x 3/8	22	2401.53
1002	5/8 x 1/8	26	2487.19



79P
Tee

00579- Male Pipe x Plastic

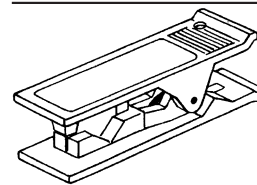
0606	3/8 x 3/8	14	1247.44
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Ballcock
Adapter

00587- Plastic x Ballcock

06	40375PC	3/8	12	1000.29
08	40500PC	1/2	14	1114.67



Plastic
Tubing
Cutter

69410

1/8 O.D. to 5/8 O.D.	1129.55
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* For cutting polyethylene, pex, nylon, plastic and rubber tubing.

Poly-Connect® Brass Flareless Tube Fittings

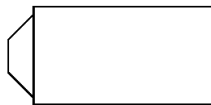
- Three piece construction-nut, sleeve and body
- Use with copper, aluminum, plastic, or nylon tubing (copper, aluminum, and nylon tubing requires a brass sleeve)
- -65° to +250° F temperature range with brass sleeve
- -40° to +150° F temperature range with plastic sleeve
- POLY-CONNECT fittings do not cause twisting or weakening of the tube, and can stand maximum movement of the tubes
- All fittings come pre-assembled with a fixed insert in the body of the fitting which saves from 36% to 93% of the installation time

To Assemble:

- 1 Cut tube squarely and insert tubing into fitting until it bottoms.
- 2 Then tighten only the nut with the hands, no tools required.
- 3 Can be assembled and disassembled repeatedly.

Poly-Connect® Brass Flareless Tube Fittings

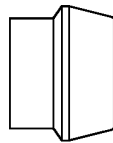
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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259PF
Plug

02659-	Tube O.D.		
04	1/4	1	111.94
05	5/16	1	129.68
06	3/8	1	104.45
08	1/2	1	127.45

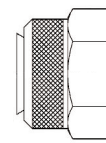
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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260PFB
Brass Sleeve

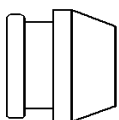
02760-	Tube O.D.		
02	1/8	1	82.47
04	1/4	1	55.38
05	5/16	1	97.69
06	3/8	1	67.00
08	1/2	1	87.21

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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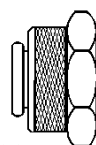
261PFB
Nut & Brass Sleeve

02761-	Tube O.D.		
02	1/8	2	111.30
04	1/4	2	101.17
05	5/16	3	135.43
06	3/8	3	125.71
08	1/2	4	223.48



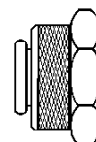
260PF
Plastic Sleeve

02660-	Tube O.D.		
04	1/4	1	15.99
05	5/16	1	22.63
06	3/8	1	25.51
08	1/2	1	28.14



261PF
Nut & Plastic Sleeve

02661-	Tube O.D.		
04	1/4	1	72.59
05	5/16	1	91.13
06	3/8	2	100.28
08	1/2	4	146.36

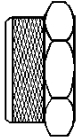


261PFCP
CP Nut & Plastic Sleeve

02621-	Tube O.D.		
04	1/4	2	153.24
06	3/8	3	171.05

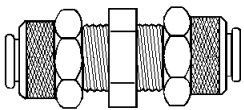
Poly-Connect® Brass Flareless Tube Fittings

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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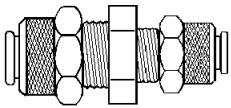
261PF
Nut Only

02961-	Tube O.D.		
02	1/8	1	70.00
04	1/4	1	70.00
05	5/16	2	128.22
06	3/8	2	79.55
08	1/2	3	118.95



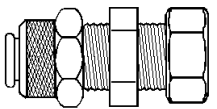
262PF
Union

02662-	Tube O.D. x Tube O.D.		
02	1/8	3	434.13
04	1/4	4	363.85
05	5/16	4	605.47
06	3/8	5	416.15
08	1/2	12	697.81



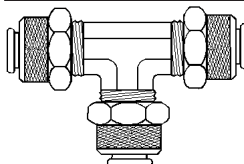
256PF
Reducing Union

02656-	Tube O.D. x Tube O.D.		
0604	3/8 x 1/4	5	566.68



262PFC
PF x Comp

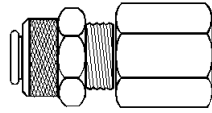
02642-	Tube O.D. x Tube O.D.		
04	1/4	5	443.00
06	3/8	8	548.58



264PF
Tee

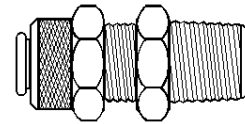
02664-	Tube O.D. Three Ends		
02	1/8	6	808.38
04	1/4	7	644.25
05	5/16	9	872.06
06	3/8	10	765.79
08	1/2	13	1267.45

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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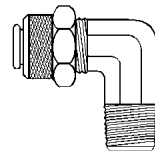
266PF
Female Connector

02666-	Tube O.D. x Female Pipe		
0202	1/8 x 1/8	4	455.71
0402	1/4 x 1/8	4	395.99
0404	1/4 x 1/4	6	440.45
0502	5/16 x 1/8	4	454.37
0604	3/8 x 1/4	6	491.70
0806	1/2 x 3/8	12	728.46



268PF
Connector

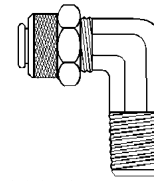
02668-	Tube O.D. x Male Pipe		
0202	1/8 x 1/8	3	246.76
0400	1/4 x 10-32	3	523.48
0401	1/4 x 1/16	3	602.23
0402	1/4 x 1/8	4	201.26
0404	1/4 x 1/4	6	263.60
0406	1/4 x 3/8	9	481.38
0502	5/16 x 1/8	4	264.82
0504	5/16 x 1/4	6	379.51
0602	3/8 x 1/8	5	341.17
0604	3/8 x 1/4	7	291.62
0606	3/8 x 3/8	9	373.28
0804	1/2 x 1/4	9	1119.15
0806	1/2 x 3/8	11	484.13
0808	1/2 x 1/2	19	927.69



269PF
Elbow

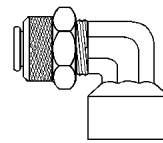
02669-	Tube O.D. x Male Pipe		
0202	1/8 x 1/8	4	387.57
0402	1/4 x 1/8	5	269.60
0404	1/4 x 1/4	6	301.13
0406	1/4 x 3/8	10	585.47
0502	5/16 x 1/8	6	411.13
0504	5/16 x 1/4	7	809.27
0602	3/8 x 1/8	6	439.15
0604	3/8 x 1/4	7	385.38
0606	3/8 x 3/8	11	519.68
0804	1/2 x 1/4	16	1000.45
0806	1/2 x 3/8	16	566.60
0808	1/2 x 1/2	18	1814.57

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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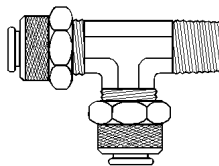
269PFL
Long Elbow

02649-	Tube O.D. x Male Pipe		
0404	1/4 x 1/4	9	737.25



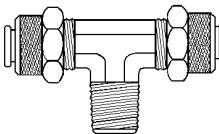
270PF
Female Elbow

02670-	Tube O.D. x Female Pipe		
0202	1/8 x 1/8	8	1363.60
0402	1/4 x 1/8	9	360.36
0404	1/4 x 1/4	9	582.43
0604	3/8 x 1/4	10	520.04
0806	1/2 x 3/8	17	835.02



271PF
Tee

02671-	Tube O.D. x Male Pipe		
0202	1/8 x 1/8	7	1397.13
0402	1/4 x 1/8	7	557.04
0404	1/4 x 1/4	11	653.04
0502	5/16 x 1/8	7	1409.51
0604	3/8 x 1/4	11	833.12
0806	1/2 x 3/8	18	1153.97

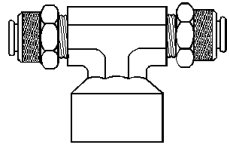


272PF
Tee

02672-	Tube O.D. x Male Pipe		
0202	1/8 x 1/8	6	967.25
0402	1/4 x 1/8	7	535.95
0404	1/4 x 1/4	8	758.50
0502	5/16 x 1/8	8	806.32
0602	3/8 x 1/8	9	996.48
0604	3/8 x 1/4	11	797.04
0806	1/2 x 3/8	21	1173.44

Poly-Connect® Brass Flareless Tube Fittings

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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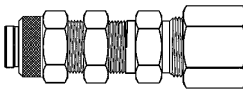
277PF
Female Tee

Tube O.D. x
Female Pipe

02677-

	Tube O.D. x Female Pipe	Weight Per 100	Price Per 100
0402	1/4 x 1/8	9	926.28
0404	1/4 x 1/4	13	1112.96
0406	1/4 x 3/8	19	1291.70

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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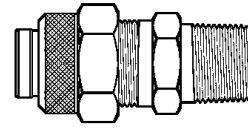


282PFC
Bulkhead Union

02648- Tube O.D. x Tube O.D.

	Tube O.D. x Tube O.D.	Weight Per 100	Price Per 100
04	1/4	11	606.23
06	3/8	17	1483.97

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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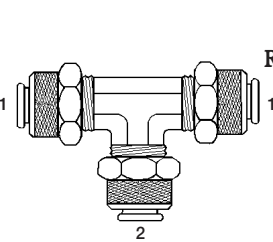


292PF
Quick Disconnect Fitting

When tube is disconnected, flow shuts off automatically

02692-

	Tube O.D. x Male Pipe	Weight Per 100	Price Per 100
0402	1/4 x 1/8	3	1584.09
0404	1/4 x 1/4	6	1834.74
0604	3/8 x 1/4	7	2325.22

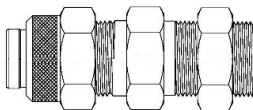


279PF
Reducing Tee

Tube O.D.
Three Ends

02679-

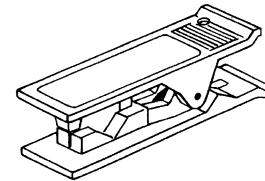
	Tube O.D. x Three Ends	Weight Per 100	Price Per 100
0604	3/8 x 1/4	10	1048.99



282PFT
Bulkhead Tank

02683- Tube O.D. x Tube O.D.

	Tube O.D. x Tube O.D.	Weight Per 100	Price Per 100
04	1/4	4	717.13
06	3/8	6	733.81

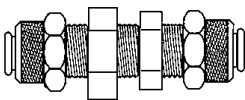


Plastic Tubing Cutter

69410

	1/8 O.D. to 5/8 O.D.	Price Per 100
		1129.55

* For cutting polyethylene, pex, nylon, plastic and rubber tubing.



282PF
Bulkhead Union

Tube O.D. x
Tube O.D.

02682-

	Tube O.D. x Tube O.D.	Weight Per 100	Price Per 100
04	1/4	6	693.81
05	5/16	8	927.49
06	3/8	11	961.17
08	1/2	14	1416.07

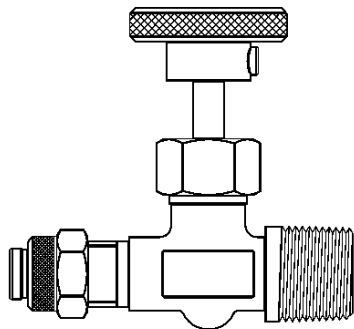
Drawings Are For Identification Purposes

— ONLY —

Patterns May Vary

Poly-Connect® Brass Needle Valves

Computer Number	Part Number	Tube O.D. Size	Weight Per 100	Price Per 100
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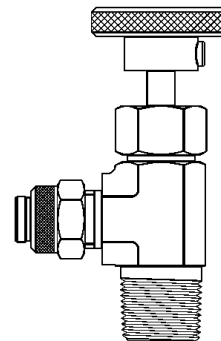


Straight

02911-

	Part Number	Tube O.D. x Male Pipe	Weight Per 100	Price Per 100
0402	101CPF	1/4 x 1/8	13	3770.93
0404	1101CPF	1/4 X1/4	14	4042.79
0604	143CPF	3/8 x 1/4	28	3964.78

Computer Number	Part Number	Tube O.D. Size	Weight Per 100	Price Per 100
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90°

02912-

	Part Number	Tube O.D. x Male Pipe	Weight Per 100	Price Per 100
0402	103CPF	1/4 x 1/8	14	3555.22
0404	104CPF	1/4 x 1/4	14	3862.39
0604	303CPF	3/8 x 1/4	23	3925.43

Quik-Disconnect®

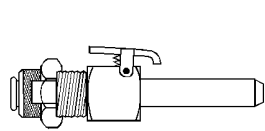
- Use with polyethylene, polypropylene, nylon & polyvinyl chloride tubing
- Quik-Disconnect® couplings with Poly-Connect® ends provide positive flow shut-off when coupling is disconnected, without extra valving. Available in both single and double end shut-off
- For instrumentation and other applications where repeated connections and disconnections are needed
- With a soft pressure of the thumb, the eyelet is disconnected from the body of the fitting, closing the flow automatically at one or both ends

To Connect/ Disconnect:

Push - it's connected. Unique cam action automatically moves the locking clip and locks the coupling in an open flow position when the two sections are pushed together. Flow is in either direction. To uncouple, press the locking clip and pull apart. This action disconnects the coupling and instantly seals off the flow.

Quik-Disconnect® Nickel Plated Brass

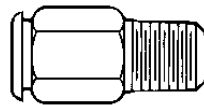
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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294PFM
Insert
No Check Valve

02696-	Tube O.D.		
04	1/4	6	1472.06
06	3/8	9	1962.83

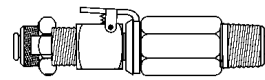
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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298PFT
Connector
Body with
Check Valve

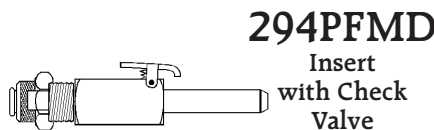
02998-	Tube O.D. x Male Pipe		
0402	1/4 x 1/8	6	1730.53
0404	1/4 x 1/4	8	2332.23
0604	3/8 x 1/4	8	2557.21

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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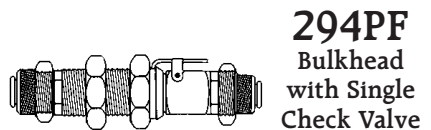
298PF
Connector
with Single
Check Valve

02698-	Tube O.D. x Male Pipe		
0402	1/4 x 1/8	11	3025.30
0404	1/4 x 1/4	12	3602.43
0604	3/8 x 1/4	16	4071.98



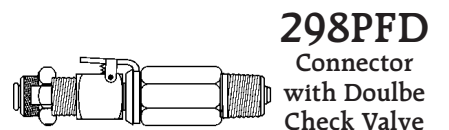
294PFMD
Insert
with Check
Valve

02697-	Tube O.D.		
04	1/4	8	2593.81
06	3/8	11	2736.44



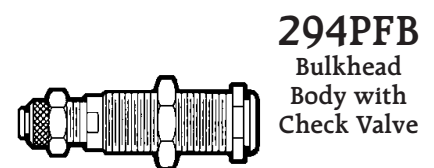
294PF
Bulkhead
with Single
Check Valve

02694-	Tube O.D. x Tube O.D.		
04	1/4	14	4022.27
06	3/8	24	5347.00



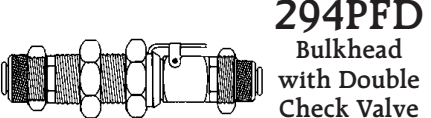
298PFD
Connector
with Double
Check Valve

02699-	Tube O.D. x Male Pipe		
0402	1/4 x 1/8	13	4042.23
0404	1/4 x 1/4	15	4590.36
0604	3/8 x 1/4	19	4697.61



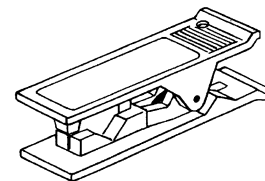
294PFB
Bulkhead
Body with
Check Valve

02994-	Tube O.D. x Tube O.D.		
04	1/4	8	2648.30
06	3/8	16	3303.52



294PFD
Bulkhead
with Double
Check Valve

02695-	Tube O.D. x Tube O.D.		
04	1/4	16	5382.19
06	3/8	26	6300.89



Plastic
Tubing
Cutter

69410	1/8 O.D. to 5/8 O.D.	1129.55
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* For cutting polyethylene, pex, nylon, plastic and rubber tubing.

Quik-Push® Brass Push-In Tube Fittings

- High quality all brass three piece construction with o'ring seal
- Use with plastic, nylon and soft metal tubing
- -40° to +200° F temperature range
- Pre-applied Teflon® based pipe sealant on all conical male pipe threads, saves assembly time, as well as installation labor
- An interior hex combined with a 20% reduction in size over the original push-in design helps assembly in limited space applications
- A new double bite collet for greater holding power
- A 37% increase in pullout performance over the original design

Quick Connect:

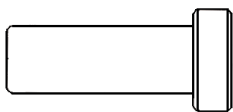
- 1 Cut tube end square.
- 2 Introduce tube into fitting until it bottoms against the internal tube stop, no tools required.
- 3 Saves up to 75% of assembly time of standard air compression fittings.

Quick Disconnect:

- 1 Press ring toward connection and pull tube with the other hand, no tools required.
- 2 In order to reuse tube, cut its previously gripped end and redo connection.

Quik-Push® Brass Push-In Tube Fittings

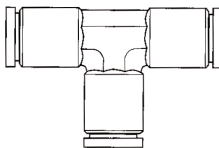
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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AQ59P
Plastic Plug

02059-	Tube O.D.		
02	1/8	1	92.35
53	5/32	1	POR
04	1/4	1	117.81
06	3/8	1	201.38
08	1/2	1	273.48

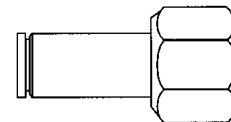
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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AQ64P
Tee

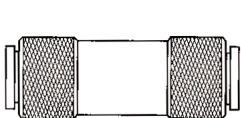
02064-	Tube O.D. Three Ends		
02	1/8	3	POR
53	5/32	4	647.57
03	3/16	4	POR
04	1/4	5	736.64
06	3/8	9	1003.60
08	1/2	13	1428.06

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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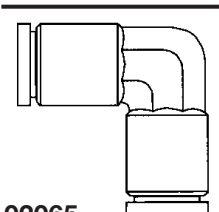
AQ66P
Female Connector

02066-	Tube O.D. x Female Pipe		
0202	1/8 x 1/8	4	POR
5302	5/32 x 1/8	4	775.26
0402	1/4 x 1/8	4	619.60
0404	1/4 x 1/4	8	854.66
0604	3/8 x 1/4	9	1204.57
0606	3/8 x 3/8	10	1492.75



AQ62P
Union

02062-	Tube O.D. x Tube O.D.		
02	1/8	3	454.25
53	5/32	3	526.03
04	1/4	3	519.88
05	5/16	4	678.74
06	3/8	5	701.70
08	1/2	7	939.72



AQ65P
Elbow

02065-	Tube O.D. x Tube O.D.		
02	1/8	3	619.51
53	5/32	3	638.70
04	1/4	4	554.86
06	3/8	7	809.11
08	1/2	11	1276.52

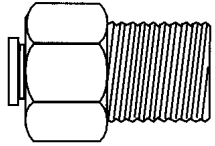
Listed Weights

Are

Approximate

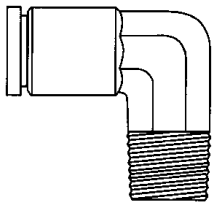
Quik-Push® Brass Push-In Tube Fittings

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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AQ68P
Connector

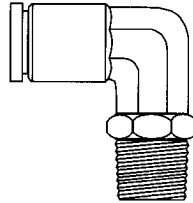
02068-	Tube O.D. x Male Pipe		
0201	1/8 x 1/16	3	POR
0202	1/8 x 1/8	4	298.74
5300	5/32 x 10-32	2	317.81
5302	5/32 x 1/8	2	266.92
5304	5/32 x 1/4	4	449.72
0300	3/16 x 10-32	3	POR
0302	3/16 x 1/8	4	347.41
0400	1/4 x 10-32	2	557.21
0402	1/4 x 1/8	2	323.68
0404	1/4 x 1/4	4	344.66
0406	1/4 x 3/8	6	466.36
0502	5/16 x 1/8	4	644.66
0504	5/16 x 1/4	4	676.84
0602	3/8 x 1/8	4	498.02
0604	3/8 x 1/4	4	493.04
0606	3/8 x 3/8	7	547.37
0608	3/8 x 1/2	10	907.21
0804	1/2 x 1/4	11	653.04
0806	1/2 x 3/8	11	808.95
0808	1/2 x 1/2	11	1029.80



AQ69P
Elbow

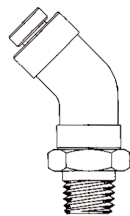
02069-	Tube O.D. x Male Pipe		
0202	1/8 x 1/8	3	419.39
5302	5/32 x 1/8	3	379.96
0302	3/16 x 1/8	3	452.39
0402	1/4 x 1/8	4	378.79
0404	1/4 x 1/4	5	416.15
0406	1/4 x 3/8	9	726.32
0602	3/8 x 1/8	7	578.54
0604	3/8 x 1/4	8	595.99
0606	3/8 x 3/8	8	718.54
0804	1/2 x 1/4	11	809.03
0806	1/2 x 3/8	12	790.85
0808	1/2 x 1/2	15	930.73
1006	5/8 x 3/8	14	1409.19

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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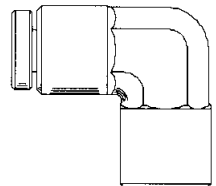
AQ69PS
Swivel
Elbow

02169-	Tube O.D. x Male Pipe		
0202	1/8 x 1/8	5	485.38
5300	5/32 x 10-32	3	797.77
5302	5/32 x 1/8	3	519.64
5304	5/32 x 1/4	7	749.76
0400	1/4 x 10-32	4	733.60
0402	1/4 x 1/8	5	493.72
0404	1/4 x 1/4	7	569.84
0406	1/4 x 3/8	8	1131.34
0602	3/8 x 1/8	8	988.38
0604	3/8 x 1/4	9	771.05
0606	3/8 x 3/8	11	809.60
0608	3/8 x 1/2	15	1406.07
0806	1/2 x 3/8	14	1040.49
0808	1/2 x 1/2	17	1237.77



AQ54PS
45° Swivel
Elbow

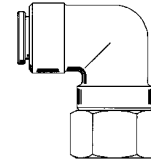
02154-	Tube O.D. x Male Pipe		
0402	1/4 x 1/8	5	1410.36
0404	1/4 x 1/4	7	1496.92
0604	3/8 x 1/4	9	1790.00
0804	1/2 x 1/4	12	2094.25



AQ70P
Female
Elbow

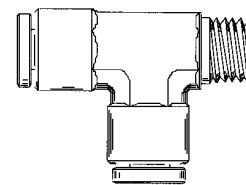
02070-	Tube O.D. x Female Pipe		
0202	1/8 x 1/8	4	496.56
5302	5/32 x 1/8	4	547.69
0402	1/4 x 1/8	5	705.79
0404	1/4 x 1/4	9	842.59
0604	3/8 x 1/4	9	1075.34

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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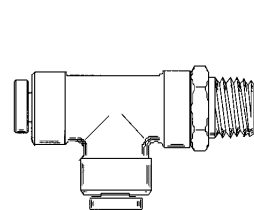
AQ70PS
Female
Swivel Elbow

02170-	Tube O.D. x Female Pipe		
0402	1/4 x 1/8	5	799.76
0404	1/4 x 1/4	9	953.85
0604	3/8 x 1/4	12	1092.63
0606	3/8 x 3/8	14	1206.15
0806	1/2 x 3/8	14	1546.52



AQ71P
Tee

02071-	Tube O.D. x Male Pipe		
0202	1/8 x 1/8	4	POR
5302	5/32 x 1/8	5	680.77
0302	3/16 x 1/8	5	POR
0402	1/4 x 1/8	5	728.62
0404	1/4 x 1/4	6	780.57
0602	3/8 x 1/8	8	960.08
0604	3/8 x 1/4	9	1050.08
0606	3/8 x 3/8	10	1178.30
0806	1/2 x 3/8	14	1303.08

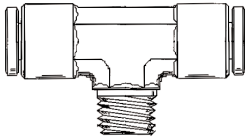


AQ71PS
Swivel
Tee

02171-	Tube O.D. x Male Pipe		
0202	1/8 x 1/8	6	POR
5302	5/32 x 1/8	6	1247.37
0402	1/4 x 1/8	7	830.61
0404	1/4 x 1/4	9	875.22
0604	3/8 x 1/4	12	1359.88
0606	3/8 x 3/8	14	1569.03
0806	1/2 x 3/8	17	1736.96
0808	1/2 x 1/2	21	1938.10

Quik-Push® Brass Push-In Tube Fittings

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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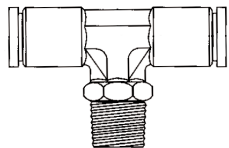


AQ72P
Tee

Tube O.D. x Male Pipe

02072-

0202	1/8 x 1/8	4	POR
5302	5/32 x 1/8	4	706.68
0402	1/4 x 1/8	5	731.66
0404	1/4 x 1/4	6	768.74
0406	1/4 x 3/8	11	1612.27
0602	3/8 x 1/8	8	923.77
0604	3/8 x 1/4	9	977.57
0606	3/8 x 3/8	10	1092.11
0804	1/2 x 1/4	13	1511.98
0806	1/2 x 3/8	14	1347.37



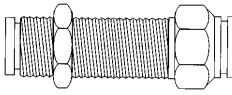
AQ72PS
Swivel Tee

Tube O.D. x Male Pipe

02172-

0202	1/8 x 1/8	6	POR
5300	5/32 x 10-32	4	1133.40
5302	5/32 x 1/8	6	1133.40
0402	1/4 x 1/8	7	822.51
0404	1/4 x 1/4	8	884.17
0406	1/4 x 3/8	12	1699.84
0604	3/8 x 1/4	11	1065.59
0606	3/8 x 3/8	14	1213.77
0806	1/2 x 3/8	17	1782.79
0808	1/2 x 1/2	23	2047.21

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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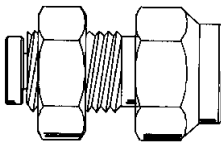


AQ82P
Bulkhead Union

02082-

Tube O.D. x Tube O.D.

02	1/8	6	POR
53	5/32	7	850.08
03	3/16	7	POR
04	1/4	7	898.22
06	3/8	9	1163.20
08	1/2	11	1524.70

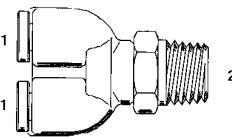


AQ86P
Female Bulkhead Union

Tube O.D. x Female Pipe

02086-

0402	1/4 x 1/8	8	1045.06
0404	1/4 x 1/4	9	1229.43
0604	3/8 x 1/4	13	1335.38



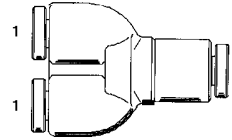
AQ88P
"Y" Connector

Tube O.D. x Male Pipe

02088-

5302	5/32 x 1/8	6	1212.91
0402	1/4 x 1/8	7	2004.45
0404	1/4 x 1/4	7	1918.62

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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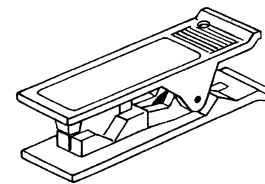


AQ89P
"Y" Connector

02089-

Tube O.D. x Tube O.D.

5353	5/32 x 5/32	5	1162.75
5304	5/32 x 1/4	7	1681.70
0402	1/4 x 1/8	7	POR
0453	1/4 x 5/32	7	1521.46
0404	1/4 x 1/4	8	1865.55
0406	1/4 x 3/8	9	2201.05



Plastic Tubing Cutter

69410

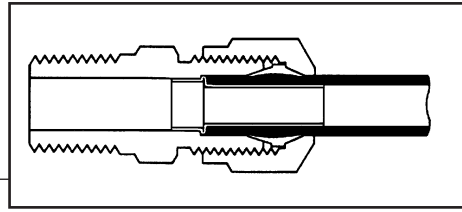
1/8 O.D. to 5/8 O.D.	1129.55
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* For cutting polyethylene, pex, nylon, plastic and rubber tubing.

PLEASE CONTACT US FOR OUR OTHER CATALOGS:

- Chrome Stops and Supplies
- Brass Clean Out Plugs
- Plumbing Valves
- Icemaker Kits
- Red Brass Fittings and Nipples
- Teflon Tape and Tube Straps
- Brass Repair Couplings
- Merchandisers
- Polyethylene, Aluminum and Copper Tubing

Brass Fittings for Nylon Air Brake Systems



- Three piece construction – nut, sleeve and body with attached insert
- Meets S.A.E. and D.O.T. specifications for nylon air brake systems
- -40° to +200° F. temperature range
- No special tools; flaring not necessary
- Excellent vibration resistance
- Used primarily in air brake and air accessory applications

Tube O.D.	1/4	3/8	1/2	5/8	3/4
Thread Size	7/16-24	17/32-24	11/16-20	13/16-18	1-18

To Assemble:

- 1 Cut smooth, square end on tubing
- 2 Slide nut, then sleeve, onto tube; threads must face end
- 3 Insert tube into fitting
- 4 Thread nut onto fitting until snug, then as follows:
 - for 1/4" 3 more turns
 - for 3/8" and 1/2" 4 more turns
 - for 5/8" and 3/4" 3-1/2 more turns

Brass Fittings for Nylon Air Brake Systems

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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60NA
Sleeve

00460-

04	1/4	1	18.99
06	3/8	1	26.19
08	1/2	1	39.47
10	5/8	1	91.50
12	3/4	1	161.01



61NA
Nut

00461-

04	1/4	1	56.48
06	3/8	2	63.77
08	1/2	3	134.78
10	5/8	6	190.89
12	3/4	9	393.52



61NSI
Steel Insert

00463-

04	1/4	1	50.40
06	3/8	2	54.86
08	1/2	3	82.19
10	5/8	4	190.49
12	3/4	6	237.29

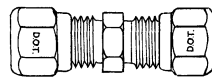
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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61NCI
Brass Insert
With Crown

00473-

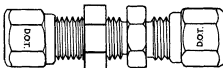
04	1/4	1	26.28
06	3/8	1	33.81
08	1/2	3	50.32
10	5/8	4	83.81
12	3/4	6	128.83



62NA
Union

00462- Compression x Compression

04	1/4	6	294.98
06	3/8	8	379.35
08	1/2	15	643.56
10	5/8	23	1040.93
12	3/4	36	2023.00

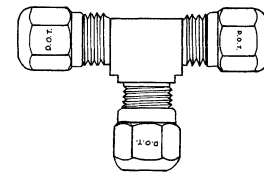


62NABH
Bulkhead Union

00483- Compression x Compression

04	1/4	9	806.92
06	3/8	11	995.34
08	1/2	19	1433.56
10	5/8	24	2668.50

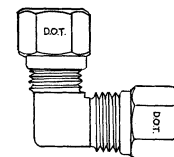
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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64NA
Tee

00464- Compression Three Ends

04	1/4	10	676.23
06	3/8	15	702.11
08	1/2	28	1486.19
10	5/8	50	3035.06



65NA
Elbow

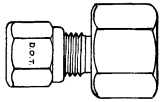
00465- Compression x Compression

04	1/4	7	564.57
06	3/8	10	606.64
08	1/2	21	1120.24
10	5/8	30	1886.44

Brass Fittings for Nylon Air Brake Systems

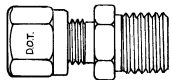
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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66NA
Female Coupling



Compression x Female Pipe

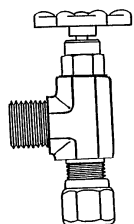
00466-				
0402	1/4 x 1/8	5	307.69	
0404	1/4 x 1/4	6	403.12	
0602	3/8 x 1/8	8	346.84	
0604	3/8 x 1/4	8	398.30	
0606	3/8 x 3/8	10	498.02	
0806	1/2 x 3/8	14	726.64	
0808	1/2 x 1/2	16	762.83	
1006	5/8 x 3/8	22	1203.52	
1008	5/8 x 1/2	24	1588.26	
1208	3/4 x 1/2	31	2529.80	



68NA
Connector

Compression x Male Pipe

00468-				
0402	1/4 x 1/8	5	186.44	
0404	1/4 x 1/4	7	232.43	
0406	1/4 x 3/8	9	386.64	
0602	3/8 x 1/8	8	282.96	
0604	3/8 x 1/4	9	248.02	
0606	3/8 x 3/8	10	308.50	
0608	3/8 x 1/2	15	407.17	
0804	1/2 x 1/4	11	489.15	
0806	1/2 x 3/8	12	458.26	
0808	1/2 x 1/2	15	525.34	
1006	5/8 x 3/8	16	887.85	
1008	5/8 x 1/2	18	746.76	
1208	3/4 x 1/2	27	1209.19	
1212	3/4 x 3/4	30	1413.60	

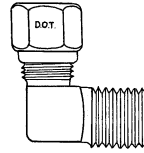


410NA
Truck Valve

Male Pipe x Air Brake

08941-			
0808	1/2 x 1/2	51	2345.95

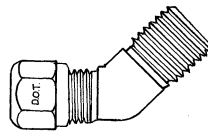
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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69NA
Elbow

Compression x Male Pipe

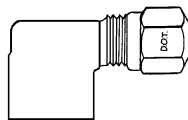
00469-				
0402	1/4 x 1/8	6	274.09	
0404	1/4 x 1/4	8	322.02	
0406	1/4 x 3/8	10	603.24	
0602	3/8 x 1/8	9	390.49	
0604	3/8 x 1/4	10	391.90	
0606	3/8 x 3/8	11	404.74	
0608	3/8 x 1/2	12	695.47	
0804	1/2 x 1/4	15	744.21	
0806	1/2 x 3/8	16	595.75	
0808	1/2 x 1/2	18	779.68	
1006	5/8 x 3/8	25	1373.20	
1008	5/8 x 1/2	26	993.93	
1208	3/4 x 1/2	33	2174.09	



6945NA
45° Elbow

Compression x Male Pipe

00495-				
0402	1/4 x 1/8	6	557.61	
0404	1/4 x 1/4	8	756.68	
0602	3/8 x 1/8	9	961.42	
0604	3/8 x 1/4	10	536.76	
0606	3/8 x 3/8	11	664.25	
0608	3/8 x 1/2	12	1090.89	
0806	1/2 x 3/8	16	800.16	
0808	1/2 x 1/2	18	1229.92	
1008	5/8 x 1/2	26	1413.16	

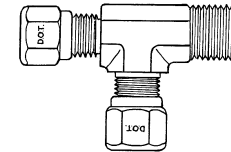


70NA
Elbow

Compression x Female Pipe

00470-				
0402	1/4 x 1/8	7	484.41	
0404	1/4 x 1/4	8	1602.06	
0602	3/8 x 1/8	10	1109.15	
0604	3/8 x 1/4	11	604.41	
0606	3/8 x 3/8	12	730.16	
0806	1/2 x 3/8	18	1025.59	
0808	1/2 x 1/2	20	1415.26	
1008	5/8 x 1/2	25	1973.60	

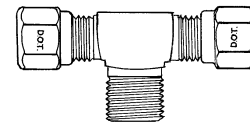
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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71NA
Tee

Compression x Male Pipe

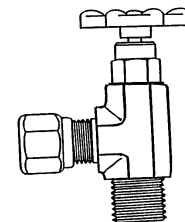
00471-				
0402	1/4 x 1/8	8	798.10	
0404	1/4 x 1/4	9	1214.05	
0604	3/8 x 1/4	12	702.83	
0606	3/8 x 3/8	14	1155.55	
0806	1/2 x 3/8	22	1365.38	
0808	1/2 x 1/2	25	1869.51	
1008	5/8 x 1/2	40	3626.56	



72NA
Tee

Compression x Male Pipe

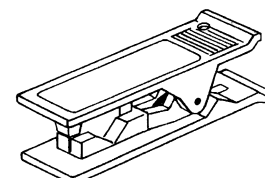
00472-				
0402	1/4 x 1/8	8	895.51	
0404	1/4 x 1/4	9	982.96	
0602	3/8 x 1/8	11	884.21	
0604	3/8 x 1/4	12	809.11	
0606	3/8 x 3/8	14	775.51	
0806	1/2 x 3/8	22	1104.53	
0808	1/2 x 1/2	25	1693.28	
1008	5/8 x 1/2	40	2944.13	



48NA
Truck Valve

Air Brake x Male Pipe

08948-			
0808	1/2 x 1/2	51	2412.19



Plastic Tubing Cutter

69410		
1/8 O.D. to 5/8 O.D.		1129.55

* For cutting polyethylene, pex, nylon, plastic and rubber tubing.

Quik-Dot® Brass Push-In Tube Fittings

- High quality all brass three piece construction with eyelet and o'ring seal
- Meets D.O.T. FMVSS71.106 and SAE J1131 standards for air brake system requirements
- -40° to +200° F temperature range
- Use with nylon tubing that complies with SAE J 844
- Pre-applied Teflon® based pipe sealant on all conical male pipe threads, saves assembly time, as well as installation labor
- A 20% reduction in size over the original push-in design helps assembly in limited space applications and reduces weight
- A new patented double bite collet for greater holding power provides a 37% increase in pullout performance over the original design
- Unique patented swivel design on elbows and tees provide full flow capabilities
- Captive eyelet with extended length is for easy assembly and allows for full flow. Top end radius eliminates scoring of tubing I.D.

Quick Connect:

- 1 Cut tube end square.
- 2 Introduce tube into fitting until it bottoms against the internal tube stop, no tools required.
- 3 Saves up to 75% of assembly time of standard air compression fittings.

Quick Disconnect:

- 1 Press ring toward connection and pull tube with the other hand, no tools required.
- 2 In order to reuse tube, cut its previously gripped end and redo connection.

Quik-Dot® Brass Push-In Tube Fittings

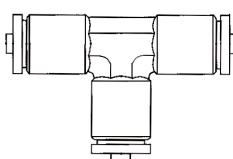
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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AQ59DOT
Plastic Plug

02459-	Tube O.D.		
53	5/32	1	88.58
04	1/4	1	116.11
06	3/8	1	193.93
08	1/2	1	264.86

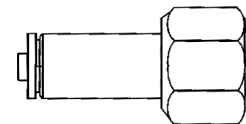
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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AQ64DOT
Tee

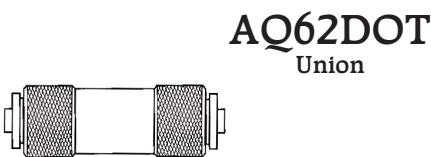
02464-	Tube O.D. Three Ends		
04	1/4	6	1011.78
06	3/8	9	1267.61
08	1/2	14	1609.43

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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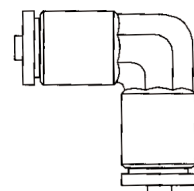
AQ66DOT
Female Connector

02466-	Tube O.D. x Female Pipe		
0402	1/4 x 1/8	4	781.86
0404	1/4 x 1/4	8	885.63
0604	3/8 x 1/4	9	929.55
0606	3/8 x 3/8	9	1208.10



AQ62DOT
Union

02462-	Tube O.D. x Tube O.D.		
53	5/32	3	831.17
04	1/4	4	595.95
06	3/8	6	747.85
08	1/2	8	1001.26
10	5/8	10	1816.48



AQ65DOT
Elbow

02465-	Tube O.D. x Tube O.D.		
53	5/32	3	1074.21
04	1/4	4	809.64
06	3/8	7	1001.98
08	1/2	11	1299.03

We Solicit Your

Inquiries On Any

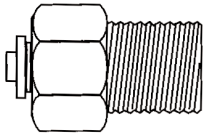
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In This Catalog

Quik-Dot® Brass Push-In Tube Fittings

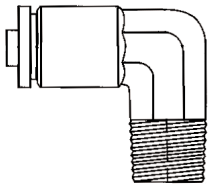
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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AQ68DOT Connector



02468-	Tube O.D. x Male Pipe		
5300	5/32 x 10-3/2	2	447.13
5302	5/32 x 1/8	2	458.79
0402	1/4 x 1/8	2	387.77
0404	1/4 x 1/4	4	412.27
0406	1/4 x 3/8	6	530.45
0602	3/8 x 1/8	4	629.47
0604	3/8 x 1/4	5	669.39
0606	3/8 x 3/8	5	693.52
0608	3/8 x 1/2	11	948.14
0804	1/2 x 1/4	7	1007.21
0806	1/2 x 3/8	9	970.04
0808	1/2 x 1/2	9	1142.15
1006	5/8 x 3/8	10	1433.56
1008	5/8 x 1/2	11	1398.79
1208	3/4 x 1/2	14	1194.13
1212	3/4 x 3/4	15	1164.25

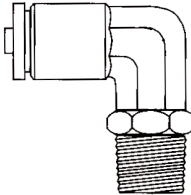
AQ69DOT Elbow



02469-	Tube O.D. x Male Pipe		
5302	5/32 x 1/8	3	566.68
0402	1/4 x 1/8	4	537.17
0404	1/4 x 1/4	5	607.81
0406	1/4 x 3/8	9	840.24
0602	3/8 x 1/8	6	938.30
0604	3/8 x 1/4	7	741.98
0606	3/8 x 3/8	8	1008.83
0608	3/8 x 1/2	11	1275.30
0804	1/2 x 1/4	13	1389.03
0806	1/2 x 3/8	11	1031.58
0808	1/2 x 1/2	15	1031.58
1006	5/8 x 3/8	15	1778.02
1008	5/8 x 1/2	20	1734.78
1208	3/4 x 1/2	31	2347.49
1212	3/4 x 3/4	32	2581.17

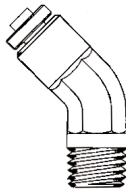
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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AQ69DOTS Swivel Elbow



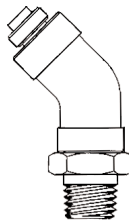
02569-	Tube O.D. x Male Pipe		
0402	1/4 x 1/8	5	630.97
0404	1/4 x 1/4	7	687.17
0406	1/4 x 3/8	8	1062.35
0602	3/8 x 1/8	6	1204.01
0604	3/8 x 1/4	10	1029.27
0606	3/8 x 3/8	11	1158.66
0608	3/8 x 1/2	15	1493.24
0806	1/2 x 3/8	13	1407.04
0808	1/2 x 1/2	17	1456.11
1006	5/8 x 3/8	15	2135.43
1008	5/8 x 1/2	20	2164.37
1212	3/4 x 3/4	43	3618.62

AQ54DOT 45° Elbow



02454-	Tube O.D. x Male Pipe		
0402	1/4 x 1/8	4	809.19
0404	1/4 x 1/4	4	889.76
0604	3/8 x 1/4	4	976.64
0606	3/8 x 3/8	8	1025.75
0804	1/2 x 1/4	4	1185.02
1008	5/8 x 1/2	4	1890.73

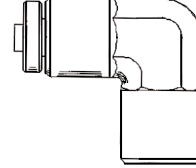
AQ54DOTS 45° Elbow Swivel



02554-	Tube O.D. x Male Pipe		
0402	1/4 x 1/8	5	878.95
0404	1/4 x 1/4	7	957.49
0602	3/8 x 1/8	7	1241.90
0604	3/8 x 1/4	9	1119.88
0804	1/2 x 1/4	12	1558.30
0806	1/2 x 3/8	16	1763.00
1008	5/8 x 1/2	22	2452.55

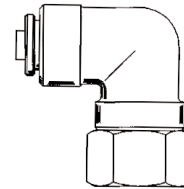
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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AQ70DOT Female Elbow



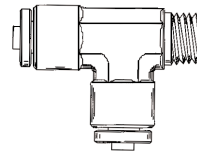
02470-	Tube O.D. x Female Pipe		
0402	1/4 x 1/8	5	733.72
0404	1/4 x 1/4	10	843.77
0406	1/4 x 3/8	10	1465.14
0604	3/8 x 1/4	9	1082.71
0606	3/8 x 3/8	21	1328.66

AQ70DOTS Female Swivel Elbow



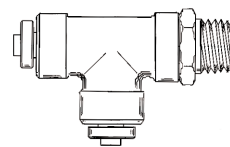
02570-	Tube O.D. x Female Pipe		
0402	1/4 x 1/8	6	842.11
0404	1/4 x 1/4	9	1041.98

AQ71DOT Tee



02471-	Tube O.D. x Male Pipe		
0402	1/4 x 1/8	6	908.18
0404	1/4 x 1/4	7	1000.12
0604	3/8 x 1/4	9	1278.50
0606	3/8 x 3/8	10	1294.17
0806	1/2 x 3/8	14	1956.07

AQ71DOTS Swivel Tee

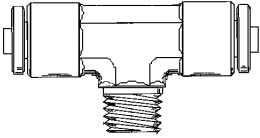


02571-	Tube O.D. x Male Pipe		
0402	1/4 x 1/8	7	1059.76
0404	1/4 x 1/4	9	1074.09
0604	3/8 x 1/4	14	1323.12
0606	3/8 x 3/8	14	1408.66
0806	1/2 x 3/8	17	1820.32
0808	1/2 x 1/2	22	2082.83

Quik-Dot® Brass Push-In Tube Fittings

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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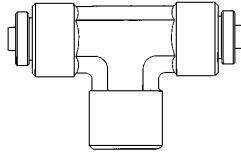
AQ72DOT Tee



02472-	Tube O.D. x Male Pipe		
0402	1/4 x 1/8	5	929.80
0404	1/4 x 1/4	7	971.82
0604	3/8 x 1/4	9	1278.95
0606	3/8 x 3/8	10	1767.69
0804	1/2 x 1/4	13	2174.70
0806	1/2 x 3/8	14	1612.15

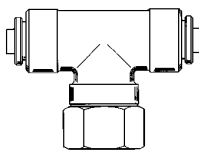
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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AQ77DOT Female Tee



02477-	Tube O.D. x Female Pipe		
0402	1/4 x 1/8	12	1129.92

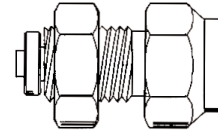
AQ77DOTS Female Swivel Tee



02577-	Tube O.D. x Female Pipe		
0402	1/4 x 1/8	8	1602.02
0404	1/4 x 1/4	8	1583.56
0604	3/8 x 1/4	8	1638.74

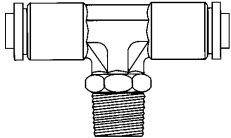
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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AQ86DOT Female Bulkhead Union



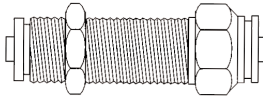
02486-	Tube O.D. x Female Pipe		
0402	1/4 x 1/8	8	955.95
0404	1/4 x 1/4	9	1148.34
0604	3/8 x 1/4	14	1203.77

AQ72DOTS Swivel Tee



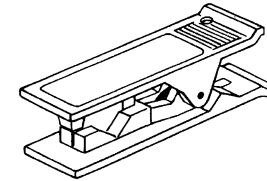
02572-	Tube O.D. x Male Pipe		
0402	1/4 x 1/8	7	1059.68
0404	1/4 x 1/4	8	1121.98
0604	3/8 x 1/4	12	1329.51
0606	3/8 x 3/8	14	1364.62
0806	1/2 x 3/8	17	1724.13
0808	1/2 x 1/2	21	2085.02

AQ82DOT Bulkhead Union



02482-	Tube O.D. x Tube O.D.		
04	1/4	8	1004.98
06	3/8	10	1212.63
08	1/2	14	1614.41
10	5/8	22	POR

Plastic Tubing Cutter



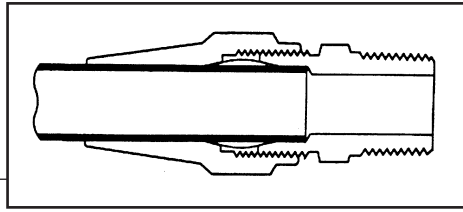
69410	1/8 O.D. to 5/8 O.D.	1129.55
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* For cutting polyethylene, pex, nylon, plastic and rubber tubing.

PLEASE CONTACT US FOR OUR OTHER CATALOGS:

- Chrome Stops and Supplies
- Brass Clean Out Plugs
- Plumbing Valves
- Icemaker Kits
- Red Brass Fittings and Nipples
- Teflon Tape and Tube Straps
- Brass Repair Couplings
- Merchandisers
- Polyethylene, Aluminum and Copper Tubing

Brass Fittings for Copper Air Brake Systems



- Three piece construction – nut, sleeve (or ferrule), and body
- -65° to +250° F. temperature range
- No special tools, flaring not necessary
- Fair vibration resistance
- Used primarily in air brake and air accessory applications

Tube O.D.	1/4	3/8	1/2	5/8	3/4
Thread Size	7/16-24	17/32-24	11/16-20	13/16-18	1-18

To Assemble:

- 1 Cut smooth, square end on tubing
- 2 Slide nut, then sleeve, onto tube; threads must face end
- 3 Insert tube into fitting
- 4 Thread nut onto fitting until snug, then as follows:
for 1/4", 3/8" and 1/2"
2 more turns
for 5/8" and 3/4"
3 more turns

Brass Fittings for Copper Air Brake Systems

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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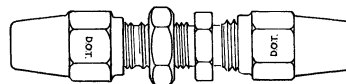
60AB Sleeve

00360-

04	1/4	1	14.13
06	3/8	1	19.64
08	1/2	1	30.97
10	5/8	1	54.41
12	3/4	2	100.04

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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62ABH Bulkhead Union

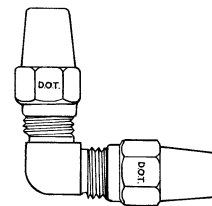


00383- Compression x Compression

04	1/4	12	669.43
06	3/8	18	896.23
08	1/2	34	1659.07

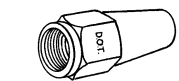
Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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65AB Elbow



00365- Compression x Compression

04	1/4	12	344.47
06	3/8	15	550.04
08	1/2	33	745.47
10	5/8	41	1063.85

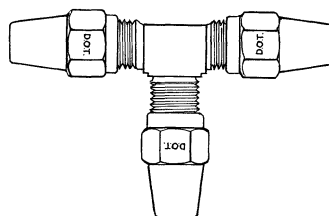


61AB Nut

00361-

04	1/4	3	61.74
06	3/8	5	85.83
08	1/2	8	161.26
10	5/8	11	231.42
12	3/4	16	390.53

64AB Tee



00364- Compression Three Ends

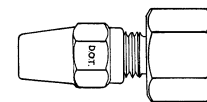
04	1/4	16	426.80
06	3/8	22	684.41
08	1/2	43	1047.33
10	5/8	57	1406.52



62AB Union

00362-

04	1/4	9	221.74
06	3/8	13	323.68
08	1/2	23	551.01
10	5/8	32	807.04
12	3/4	50	1408.18



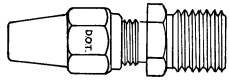
66AB Female Coupling

00366- Compression x Female Pipe

0402	1/4 x 1/8	7	141.50
0404	1/4 x 1/4	11	182.71
0602	3/8 x 1/8	9	283.28
0604	3/8 x 1/4	12	326.56
0606	3/8 x 3/8	13	403.81
0806	1/2 x 3/8	20	359.07
0808	1/2 x 1/2	26	397.89
1006	5/8 x 3/8	24	714.57
1008	5/8 x 1/2	34	628.62

Brass Fittings for Copper Air Brake Systems

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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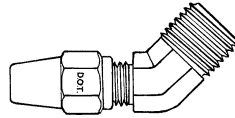
68AB
Connector

Compression x Male Pipe

00368-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0402	1/4 x 1/8	6	137.13
0404	1/4 x 1/4	9	149.88
0406	1/4 x 3/8	11	207.69
0602	3/8 x 1/8	8	209.64
0604	3/8 x 1/4	9	207.49
0606	3/8 x 3/8	11	269.19
0608	3/8 x 1/2	14	344.25
0804	1/2 x 1/4	18	339.11
0806	1/2 x 3/8	16	304.57
0808	1/2 x 1/2	20	401.54
1006	5/8 x 3/8	22	485.43
1008	5/8 x 1/2	24	515.47
1208	3/4 x 1/2	34	808.38
1212	3/4 x 3/4	39	845.02

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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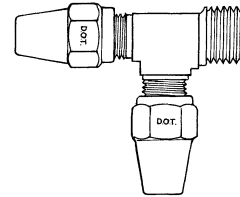
6945AB
45° Elbow

Compression x Male Pipe

00395-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0402	1/4 x 1/8	7	334.41
0404	1/4 x 1/4	10	479.51
0602	3/8 x 1/8	10	516.56
0604	3/8 x 1/4	11	444.86
0606	3/8 x 3/8	16	738.46
0608	3/8 x 1/2	20	930.32
0806	1/2 x 3/8	20	557.49
0808	1/2 x 1/2	26	1081.70
1008	5/8 x 1/2	36	1204.41

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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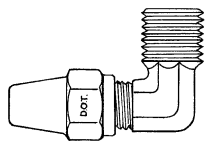


71AB
Tee

Compression x Male Pipe

00371-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0402	1/4 x 1/8	9	443.24
0404	1/4 x 1/4	13	482.39
0604	3/8 x 1/4	14	670.81
0606	3/8 x 3/8	18	786.36
0806	1/2 x 3/8	28	982.67
0808	1/2 x 1/2	40	1285.43
1008	5/8 x 1/2	43	1488.79

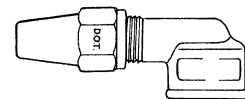


69AB
Elbow

Compression x Male Pipe

00369-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0402	1/4 x 1/8	8	198.34
0404	1/4 x 1/4	10	261.26
0406	1/4 x 3/8	15	333.16
0602	3/8 x 1/8	11	320.36
0604	3/8 x 1/4	12	339.07
0606	3/8 x 3/8	18	400.89
0608	3/8 x 1/2	20	621.66
0804	1/2 x 1/4	20	531.98
0806	1/2 x 3/8	22	520.89
0808	1/2 x 1/2	31	588.79
1006	5/8 x 3/8	32	721.50
1008	5/8 x 1/2	44	781.54
1208	3/4 x 1/2	57	1197.73

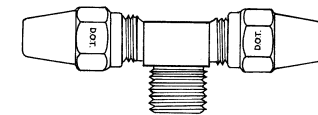


70AB
Elbow

Compression x Female Pipe

00370-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0402	1/4 x 1/8	9	306.48
0404	1/4 x 1/4	16	369.84
0602	3/8 x 1/8	12	463.32
0604	3/8 x 1/4	16	518.54
0606	3/8 x 3/8	18	579.31
0806	1/2 x 3/8	25	604.57
0808	1/2 x 1/2	37	686.03
1008	5/8 x 1/2	42	926.72



72AB
Tee

Compression x Male Pipe

00372-

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
0402	1/4 x 1/8	10	445.22
0404	1/4 x 1/4	15	501.26
0602	3/8 x 1/8	18	676.40
0604	3/8 x 1/4	18	687.94
0606	3/8 x 3/8	24	706.28
0806	1/2 x 3/8	35	938.83
0808	1/2 x 1/2	42	1128.38
1008	5/8 x 1/2	56	1536.15

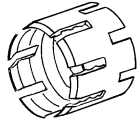
Drawings Are For Identification Purposes

— ONLY —

Patterns May Vary

Brass Hose End Fittings

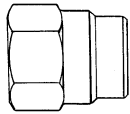
Computer Number	Hose O.D. Size	Weight Per 100	Price Per 100
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60HE
Sleeve

08060-

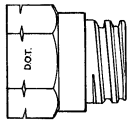
06	3/8	2	111.70
08	1/2	2	242.02



61HE
Nut

08061-

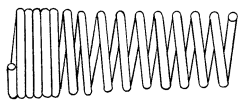
06	3/8	8	195.75
08	1/2	14	294.33



61HES
Spring Guard Nut

08071-

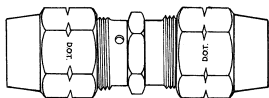
06	3/8	8	178.99
08	1/2	14	369.15



60HSG
Spring Guard

08070-

06	3/8	12	100.36
08	1/2	15	268.42

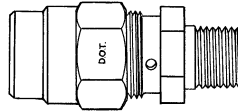


62HE
Union

08062-

Compression x Compression			
06	3/8	34	1400.28
08	1/2	50	2823.48

Computer Number	Hose O.D. Size	Weight Per 100	Price Per 100
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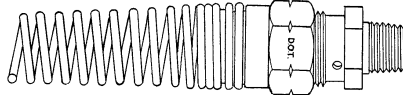
68HE
Connector

Compression x
Male Pipe

08068-

0604	3/8 x 1/4	21	566.40
0606	3/8 x 3/8	23	577.69
0608	3/8 x 1/2	24	604.33
0806	1/2 x 3/8	31	1058.95
0808	1/2 x 1/2	33	1184.45

68HES
Connector
With Spring

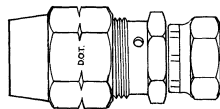


Compression x
Male Pipe

08078-

0604	3/8 x 1/4	33	638.70
0606	3/8 x 3/8	35	647.49
0608	3/8 x 1/2	36	721.01
0806	1/2 x 3/8	46	1493.81
0808	1/2 x 1/2	49	1470.61

66HEA
Female
Coupling

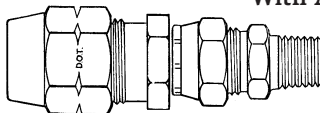


Compression x
Female Thread

08066-

0612	3/8 x 3/4-20	25	1421.05
0814	1/2 x 7/8-20	35	1926.52

68HEA
Connector
With Adapter

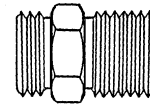


Compression x
Male Pipe

08086-

0604	3/8 x 1/4	32	1504.25
0606	3/8 x 3/8	32	1555.34
0806	1/2 x 3/8	43	2611.82

Computer Number	Hose O.D. Size	Weight Per 100	Price Per 100
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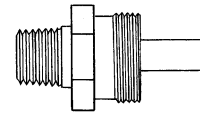


68HEAB
Male
Adapter

08088-

0604	3/8 (3/4-20) x 1/4	7	200.93
0606	3/8 (3/4-20) x 3/8	7	234.86
0806	1/2 (7/8-20) x 3/8	7	266.32
0808	1/2 (7/8-20) x 1/2	12	335.75

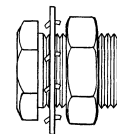
68HEB
Connector
Body



Compression x
Male Pipe

08098-

0604	3/8 x 1/4	11	270.28
0606	3/8 x 3/8	13	281.78
0608	3/8 x 1/2	14	310.45
0806	1/2 x 3/8	15	613.20
0808	1/2 x 1/2	18	677.37



227ACBH
Anchor
Coupling

Computer Number	Female Pipe	Straight Thread	Length	Price Per 100
00397-02	1/8	5/8-18	1.50	1177.91
00397-04	1/4	3/4-16	1.50	1383.15
00398-04	1/4S	3/4-16	.94	1071.09
00397-06	3/8	1-14	1.31	1916.65
00397-08	1/2	1 1/8-14	1.50	2145.71

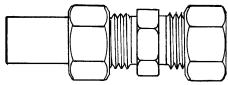
Listed Weights

Are

Approximate

Brass Transition Fittings for CPVC

Computer Number	Size	Weight Per 100	Price Per 100
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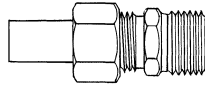


Copper Tubing Adapter

00502- CPVC x Compression

0810	T 71	1/2x5/8	26	974.97
1214	T 72	3/4x7/8	47	1767.58

Computer Number	Size	Weight Per 100	Price Per 100
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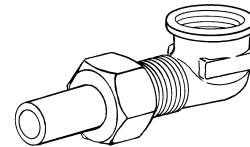


Male Iron Pipe Adapter

00508- CPVC x Male Pipe

0808	T 21	1/2x1/2	21	803.42
1212	T 22	3/4x3/4	43	1445.23

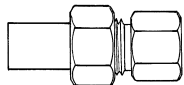
Computer Number	Size	Weight Per 100	Price Per 100
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Female Iron Pipe Elbow Adapter

00507- CPVC x Female Pipe

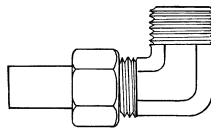
0808	T 51	1/2x1/2	28	1339.63
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Female Iron Pipe Adapter

00506- CPVC x Female Pipe

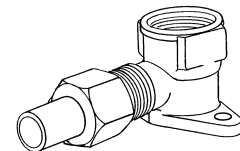
0806	T 32	1/2x3/8	25	898.96
0808	T 31	1/2x1/2	26	833.07
1212	T 33	3/4x3/4	37	1712.85



Male Iron Pipe Elbow Adapter

00509- CPVC x Male Pipe

0808	T 41	1/2x1/2	28	1169.99
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Female Drop Ear Elbow Adapter

00510- CPVC x Female Pipe

0808	T 52	1/2x1/2	31	1983.06
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Brass Evaporative Cooler Fittings

Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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61PL Nut

00861-

04	1/4	1	79.07
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Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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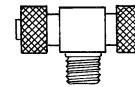


66CPL "Special" Female Coupling

00867-

0404	1/4 x 1/4	3	362.93
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Computer Number	Tube O.D. Size	Weight Per 100	Price Per 100
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72PL Tee

00872- Plastic x Male Pipe

0402	1/4 x 1/8	7	1281.25
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62PL Union

00862- Plastic x Plastic

04	1/4	3	486.73
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Plastic x Female Tapered Compression Thread (To Adapt Plastic Tubing to Float Valve)

00868- Plastic x Male Pipe

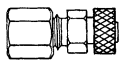
0402	1/4 x 1/8	3	308.71
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103CPL Needle Valve

00873- Plastic x Male Pipe

0402	1/4 x 1/8	7	1193.34
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62CPL Union

00863- Compression x Plastic

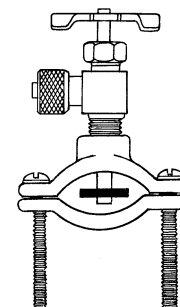
04	1/4	4	505.35
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68PL Connector

00869- Plastic x Male Pipe

0402	1/4 x 1/8	4	890.70
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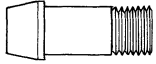
104SPL Saddle Valve

00874- Fits up to 3/4 Pipe

04	1/4	27	1817.75
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Miscellaneous Supply Fittings

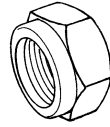
Computer Number	Size	Weight Per 100	Price Per 100
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901
Lav.
Tailpiece

05901	1/4	5	187.68
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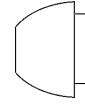
Computer Number	Size	Weight Per 100	Price Per 100
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903
Ballcock
Nut

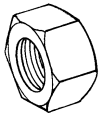
05903	7/8	6	200.45
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Computer Number	Size	Weight Per 100	Price Per 100
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NP-6
Nose Cone

05910	3/8	2	92.77
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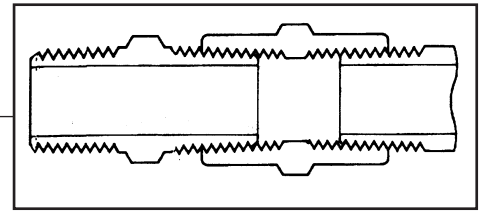
902
Lav. Nut

05902	1/2	4	149.24
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PLEASE CONTACT US FOR OUR OTHER CATALOGS:

- Chrome Stops and Supplies
- Brass Clean Out Plugs
- Plumbing Valves
- Icemaker Kits
- Red Brass Fittings and Nipples
- Teflon Tape and Tube Straps
- Brass Repair Couplings
- Merchandisers
- Polyethylene, Aluminum and Copper Tubing

Brass Pipe Fittings

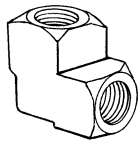


- One piece construction, available in barstock or forgings
- Used with brass or steel pipe
- All pipe threads are "American Standard Taper Pipe Threads"
- Fair vibration resistance
- Used in low to medium pressure applications
- Teflon tape or pipe sealant is recommended
- Pipe threads should be tightened 2 1/2 turns past finger tight

Tube O.D.	1/8	1/4	3/8	1/2	3/4	1
Thread Size	1/8-27	1/4-18	3/8-18	1/2-14	3/4-14	1-11 1/2

Brass Pipe Fittings

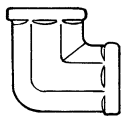
Computer Number	Nominal Size	Weight Per 100	Price Per 100
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100
Elbow 90°
Barstock

Female Pipe x
Female Pipe

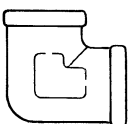
06100-			
02	1/8	6	238.89
04	1/4	13	364.20
06	3/8	17	478.41
08	1/2	37	841.05
12	3/4	60	1931.33



100F
Elbow 90°
Forged

Female Pipe x
Female Pipe

06200-			
02	1/8	4	246.81
04	1/4	10	392.75
06	3/8	15	480.09
08	1/2	24	808.51
12	3/4	42	1822.43

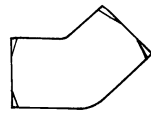


100R
Reducing Elbow
Forged

Female Pipe x
Female Pipe

06205-			
0402	1/4 x 1/8	11	553.15
0604	3/8 x 1/4	16	818.62
0806	1/2 x 3/8	23	1337.61

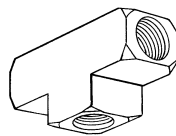
Computer Number	Nominal Size	Weight Per 100	Price Per 100
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10045
Elbow 45°

Female Pipe x
Female Pipe

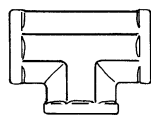
06107-			
02	1/8	3	582.23
04	1/4	7	534.48



101
Tee
Barstock

Female Pipe
Three Ends

06101-			
02	1/8	8	282.06
04	1/4	18	424.54
06	3/8	23	601.47
08	1/2	46	1029.53
12	3/4	71	2055.37

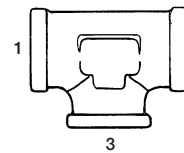


101F
Tee
Forged

Female Pipe
Three Ends

06201-			
02	1/8	5	308.94
04	1/4	13	456.79
06	3/8	17	691.63
08	1/2	28	958.38
12	3/4	52	1873.93

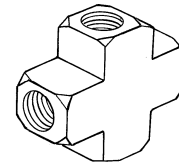
Computer Number	Nominal Size	Weight Per 100	Price Per 100
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101R
Reducing Tee
Forged

Female Pipe
Read Sizes 1-2-3

06206-			
020204	1/8 x 1/8 x 1/4	15	778.33
040402	1/4 x 1/4 x 1/8	14	664.99
060604	3/8 x 3/8 x 1/4	19	903.59
080408	1/2 x 1/4 x 1/2	28	1861.22
080806	1/2 x 1/2 x 3/8	31	1427.49
121208	3/4 x 3/4 x 1/2	61	2416.73



102
Cross
Barstock

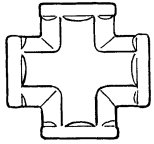
Female Pipe
Four Ends

06102-			
02	1/8	10	507.37
04	1/4	20	713.25
06	3/8	26	1000.98
08	1/2	51	1618.34
12	3/4	76	4862.25

.....
*Drawings Are For
 Identification Purposes
 — Only —
 Patterns May Vary*

Brass Pipe Fittings

Computer Number	Nominal Size	Weight Per 100	Price Per 100
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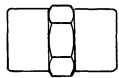


102F
Cross Forged

Female Pipe Four Ends

06202-

02	1/8	10	445.87
04	1/4	13	724.99
06	3/8	17	1053.69
08	1/2	32	1442.63

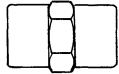


103
Coupling

Female Pipe x Female Pipe

06103-

02	1/8	3	73.58
04	1/4	5	128.89
06	3/8	7	238.19
08	1/2	14	370.73
12	3/4	17	592.62



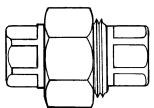
103XH
X-Hvy Coupling

Female Pipe x Female Pipe

06303-

04*	1/4	9	209.11
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*3/4" Hex Size



104
Union

Female Pipe x Female Pipe

06104-

02	1/8	12	866.13
04	1/4	25	1405.41
06	3/8	27	2320.53
08	1/2	39	2657.24
12	3/4*	47	3042.77

*Forged



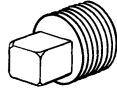
108
Cap

06108-

Female Pipe

02	1/8	3	91.90
04	1/4	5	131.90
06	3/8	4	249.64
08	1/2	6	355.76
12	3/4	18	596.03

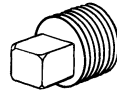
Computer Number	Nominal Size	Weight Per 100	Price Per 100
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109
Plug Cored Square Head

06109-

02	1/8	2	52.89
04	1/4	4	81.50
06	3/8	6	121.90
08	1/2	10	237.04
12	3/4	12	488.36
16	1	19	889.54



109S
Plug Solid Square Head

06114-

02	1/8	2	54.17
04	1/4	5	88.50
06	3/8	7	117.21
08	1/2	13	361.78
12	3/4	20	596.76



109AL
Countersunk Plug Hex Drive

06115-

02	1/8	2	64.39
04	1/4	3	88.95
06	3/8	5	180.51
08	1/2	9	287.32
12	3/4*	16	619.96

*Square Drive



117
Slotted Pipe Plug

06117-

02	1/8	1	52.60
04	1/4	2	95.43
06	3/8	4	168.37

Computer Number	Nominal Size	Weight Per 100	Price Per 100
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110
Hex Bushing

Male Pipe x Female Pipe

06110-

0402	1/4 x 1/8	3	63.75
0602	3/8 x 1/8	6	129.65
0604	3/8 x 1/4	4	99.47
0802	1/2 x 1/8	10	201.14
0804	1/2 x 1/4	9	177.04
0806	1/2 x 3/8	6	149.88
1202	3/4 x 1/8	21	454.89
1204	3/4 x 1/4	19	378.24
1206	3/4 x 3/8	15	371.94
1208	3/4 x 1/2	12	277.61
1604	1 x 1/4	32	758.34
1606	1 x 3/8	31	735.56
1608	1 x 1/2	29	692.68
1612	1 x 3/4	22	633.66

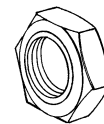


110F
Face Bushing

Male Pipe x Female Pipe

06140-

0604	3/8 x 1/4	3	208.14
0806	1/2 x 3/8	5	200.05
1208	3/4 x 1/2	9	290.16
1612	1 x 3/4	18	850.35

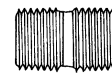


111
Locknut

06111-

Female Pipe

02	1/8	2	85.78
04	1/4	4	128.37
06	3/8	5	173.11
08	1/2	7	248.77
12	3/4	8	526.96



112
Close Nipple

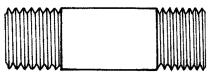
Male Pipe x Male Pipe

06112-

02	1/8	2	48.61
04	1/4	3	80.34
06	3/8	6	114.79
08	1/2	8	179.47
12	3/4	11	402.35

Brass Pipe Fittings

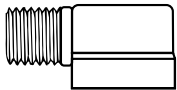
Computer Number	Nominal Size	Weight Per 100	Price Per 100
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113
Long Nipple

06113- Male Pipe x Length

Computer Number	Nominal Size	Weight Per 100	Price Per 100
0224	1/8 x 1-1/2	3	99.01
0232	1/8 x 2	4	137.45
0240	1/8 x 2-1/2	5	160.80
0248	1/8 x 3	6	193.28
0424	1/4 x 1-1/2	5	133.52
0432	1/4 x 2	6	172.94
0440	1/4 x 2-1/2	7	239.87
0448	1/4 x 3	8	276.34
0624	3/8 x 1-1/2	7	193.23
0632	3/8 x 2	8	255.19
0640	3/8 x 2-1/2	9	306.74

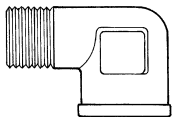


116
Street Elbow 90°
Barstock

Female Pipe x
Male Pipe

06116-

Computer Number	Nominal Size	Weight Per 100	Price Per 100
02	1/8	4	156.52
04	1/4	8	239.81
06	3/8	16	398.24
08	1/2	27	751.11
12	3/4	51	1391.65

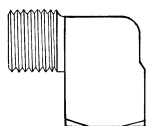


116F
Street Elbow 90°
Forged

Female Pipe x
Male Pipe

06216-

Computer Number	Nominal Size	Weight Per 100	Price Per 100
02	1/8	6	317.44
04	1/4	7	356.28
06	3/8	16	475.17
08	1/2	22	806.71
12	3/4	27	1261.31

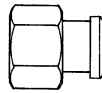


116L
Street Elbow
Barstock

06118- Long Pattern

Computer Number	Nominal Size	Weight Per 100	Price Per 100
02	1/8	7	224.32
04	1/4	10	348.19
06	3/8	16	485.10

Computer Number	Nominal Size	Weight Per 100	Price Per 100
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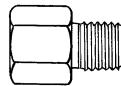


119
Reducing
Coupling

Female Pipe x
Female Pipe

06119-

Computer Number	Nominal Size	Weight Per 100	Price Per 100
0402	1/4 x 1/8	4	146.18
0602	3/8 x 1/8	9	264.15
0604	3/8 x 1/4	6	220.62
0802	1/2 x 1/8	11	679.27
0804	1/2 x 1/4	11	436.74
0806	1/2 x 3/8	11	382.35
1208	3/4 x 1/2	14	682.50



120
Adapter

Female Pipe x
Male Pipe

06120-

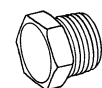
Computer Number	Nominal Size	Weight Per 100	Price Per 100
0202	1/8 x 1/8	4	92.36
0402	1/4 x 1/8	4	142.88
0404	1/4 x 1/4	4	154.79
0602	3/8 x 1/8	6	288.48
0604	3/8 x 1/4	8	243.11
0606	3/8 x 3/8	12	255.42
0804	1/2 x 1/4	12	522.11
0806	1/2 x 3/8	11	385.53
0808	1/2 x 1/2	12	398.82
1208	3/4 x 1/2	13	697.82
1212	3/4 x 3/4	14	825.10



121
Plug Cored
Hex Head

06121-

Computer Number	Nominal Size	Weight Per 100	Price Per 100
02	1/8	2	47.97
04	1/4	5	83.06
06	3/8	6	124.10
08	1/2	13	225.13
12	3/4	15	383.16
16	1	26	925.44

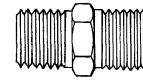


121S
Plug Solid
Hex Head

06125-

Computer Number	Nominal Size	Weight Per 100	Price Per 100
02	1/8	3	68.30
04	1/4	5	107.29
06	3/8	8	196.80
08	1/2	14	255.14
12	3/4	25	396.15

Computer Number	Nominal Size	Weight Per 100	Price Per 100
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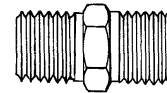


122
Hex
Nipple

Male Pipe x
Male Pipe

06122-

Computer Number	Nominal Size	Weight Per 100	Price Per 100
02	1/8	3	72.37
04	1/4	5	109.59
06	3/8	6	188.89
08	1/2	11	328.71
12	3/4	17	793.25
16	1	24	1694.46



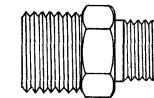
122L
Long Hex
Nipple

Male Pipe x
Male Pipe

06322-

Computer Number	Nominal Size	Weight Per 100	Price Per 100
04*	1/4	6	144.90

*OAL 1.375"

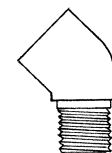


123
Reducing
Hex Nipple

Male Pipe x
Male Pipe

06123-

Computer Number	Nominal Size	Weight Per 100	Price Per 100
0402	1/4 x 1/8	5	118.37
0602	3/8 x 1/8	6	225.54
0604	3/8 x 1/4	6	194.03
0804	1/2 x 1/4	12	504.77
0806	1/2 x 3/8	10	342.18
1208	3/4 x 1/2	20	785.56



124
Street Elbow 45°
Barstock

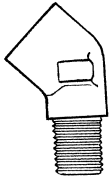
Female Pipe x
Male Pipe

06124-

Computer Number	Nominal Size	Weight Per 100	Price Per 100
02	1/8	5	255.42
04	1/4	10	336.97
06	3/8	12	402.75
08	1/2	22	692.04
12	3/4	25	2104.84

Brass Pipe Fittings

Computer Number	Nominal Size	Weight Per 100	Price Per 100
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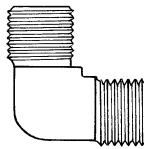
124F
Street Elbow 45°
Forged

Female Pipe x
Male Pipe

06224-

02	1/8	7	439.57
04	1/4	11	551.93
06	3/8	13	713.02

Computer Number	Nominal Size	Weight Per 100	Price Per 100
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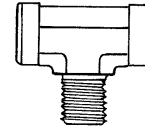
130
Elbow
Barstock

Male Pipe x
Male Pipe

06130-

02	1/8	4	298.94
04	1/4	8	387.49
06	3/8	14	665.28

Computer Number	Nominal Size	Weight Per 100	Price Per 100
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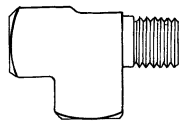


131F
Tee
Forged

Female Pipe x
Female Pipe x
Male Pipe

06231-

02	1/8	10	395.58
04	1/4	12	633.37
06	3/8	24	915.03
08	1/2	29	1470.55

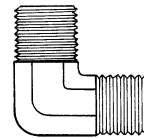


127
Street Tee
Barstock

Female Pipe x
Male Pipe x
Female Pipe

06127-

02	1/8	9	291.31
04	1/4	16	474.65
06	3/8	20	773.65
08	1/2	40	1489.10
12	3/4	61	3197.96

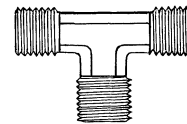


130F
Elbow
Forged

Male Pipe x
Male Pipe

06230-

02	1/8	7	283.51
04	1/4	9	352.58
06	3/8	16	610.77
08	1/2	21	804.87

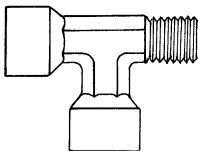


132F
Tee
Forged

Male Pipe
Three Ends

06232-

02	1/8	6	482.63
04	1/4	7	535.46
06	3/8	16	829.49
08	1/2	21	1113.81
12	3/4	30	2533.78

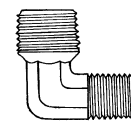


127F
Street Tee
Forged

Female Pipe x
Male Pipe x
Female Pipe

06227-

02	1/8	6	354.89
04	1/4	13	457.02
06	3/8	23	782.79
08	1/2	45	1626.61
12	3/4	64	3775.90

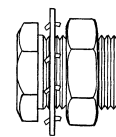


130R
Reducing
Elbow

Male Pipe x
Male Pipe

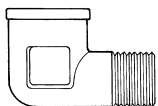
06235-

0402	1/4 x 1/8	7	457.37
0602	3/8 x 1/8	12	517.37
0604	3/8 x 1/4	12	480.84
0806	1/2 x 3/8	18	648.11



227ACBH
Anchor
Coupling

Computer Number	Female Pipe	Straight Thread	Length	Price Per 100
00397-02	1/8	5/8-18	1.50	1177.91
00397-04	1/4	3/4-16	1.50	1383.15
00398-04	1/4S	3/4-16	.94	1071.09
00397-06	3/8	1-14	1.31	1916.65
00397-08	1/2	1 1/8-14	1.50	2145.71

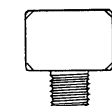


128F
Reducing
Street Elbow
Forged

Female Pipe x
Male Pipe

06228-

0204	1/8 x 1/4	9	495.52
0402	1/4 x 1/8*	7	352.58
0406	1/4 x 3/8	20	649.33
0604	3/8 x 1/4	20	726.14
0608	3/8 x 1/2	26	1035.89
0806	1/2 x 3/8	26	1262.47



131
Tee
Barstock

Female Pipe x
Female Pipe x
Male Pipe

06131-

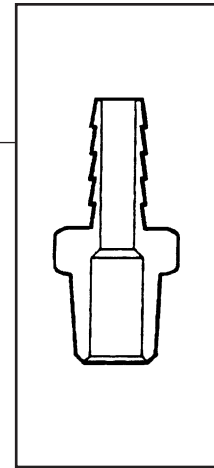
02	1/8	5	364.78
04	1/4	8	603.89
06	3/8	12	850.58
08	1/2	20	1841.22
12	3/4	32	3035.71

*Bar Stock

*We Solicit Your
Inquiries On Any
Item Not Shown
In This Catalog*

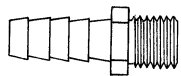
Brass Hose Barbs

- One piece, except swivels (nut and stem)
- Use with plastic tubing or rubber hose
- +32° to 200° F. temperature range
- Intended for use with hose clamp or crimp type ferrule
- Barbed edges provide positive connection
- Excellent vibration resistance
- Barb size is hose I.D.



Brass Hose Barbs

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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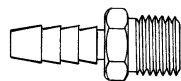
129

07001-

Barb x Male Pipe

0202	1/8 x 1/8	2	137.85
0204	1/8 x 1/4	2	233.51
0302	3/16 x 1/8	3	111.03
0304	3/16 x 1/4	2	155.25
0402	1/4 x 1/8	2	97.91
0404	1/4 x 1/4	4	106.99
0406	1/4 x 3/8	6	197.56
0408	1/4 x 1/2	10	321.37
0502	5/16 x 1/8	3	122.48
0504	5/16 x 1/4	5	137.39
0506	5/16 x 3/8	6	267.33
0602	3/8 x 1/8	4	124.39
0604	3/8 x 1/4	5	120.11
0606	3/8 x 3/8	6	172.82
0608	3/8 x 1/2	7	332.18
0612	3/8 x 3/4	10	549.33
0704	7/16 x 1/4	5	1713.60
0706	7/16 x 3/8	6	1722.79
0804	1/2 x 1/4	8	184.73
0806	1/2 x 3/8	8	195.36
0808	1/2 x 1/2	11	273.91
0812	1/2 x 3/4	16	472.92
1006	5/8 x 3/8	11	236.11
1008	5/8 x 1/2	12	332.12
1012	5/8 x 3/4	17	506.67
1206	3/4 x 3/8	13	600.25
1208	3/4 x 1/2	14	392.29
1212	3/4 x 3/4	17	493.96
1612	1 x 3/4	21	663.66
1616	1 x 1	32	1043.00
2016	1-1/4 x 1	40	1353.97

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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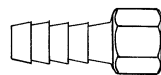


129SWV

07003-

Barb x Male Pipe Swivel

0404	1/4 x 1/4	6	505.69
0604	3/8 x 1/4	7	568.98
0606	3/8 x 3/8	8	596.90
0806	1/2 x 3/8	11	663.89
0808	1/2 x 1/2	15	833.01
1212	3/4 x 3/4	23	1277.55



129F

07002-

Barb x Female Pipe

0202	1/8 x 1/8	2	249.99
0204	1/8 x 1/4	4	417.84
0302	3/16 x 1/8	3	264.49
0304	3/16 x 1/4	4	359.00
0402	1/4 x 1/8	3	174.15
0404	1/4 x 1/4	4	201.26
0406	1/4 x 3/8	6	347.96
0502	5/16 x 1/8	3	336.69
0504	5/16 x 1/4	4	251.60
0506	5/16 x 3/8	6	439.80
0602	3/8 x 1/8	4	291.54
0604	3/8 x 1/4	5	206.17
0606	3/8 x 3/8	7	286.46
0608	3/8 x 1/2	9	481.53
0804	1/2 x 1/4	7	485.92
0806	1/2 x 3/8	8	353.91
0808	1/2 x 1/2	9	428.12
1212	3/4 x 3/4	20	1179.81
1612	1 x 3/4	30	1319.40

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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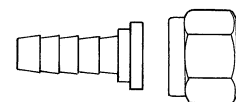


129FS

07008-

Barb x NPSM Ball End Swivel

0202	1/8 x 1/8	3	210.80
0302	3/16 x 1/8	3	251.83
0304	3/16 x 1/4	4	272.53
0402	1/4 x 1/8	4	269.64
0404	1/4 x 1/4	4	184.04
0406	1/4 x 3/8	7	336.97
0504	5/16 x 1/4	4	202.59
0604	3/8 x 1/4	5	212.01
0606	3/8 x 3/8	6	238.31
0608	3/8 x 1/2	13	397.38
0806	1/2 x 3/8	8	419.63
0808	1/2 x 1/2	9	390.67
1212	3/4 x 3/4	14	691.75



129SAE

07010-

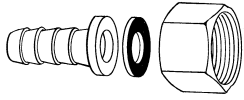
Barb x Female Flare Swivel

0303	3/16 x 3/16	3	316.40
0304	3/16 x 1/4	3	292.24
0404	1/4 x 1/4	3	208.37
0405	1/4 x 5/16	4	357.49
0406	1/4 x 3/8	6	273.86
0505	5/16 x 5/16	5	339.69
0506	5/16 x 3/8	6	345.93
0606	3/8 x 3/8	7	304.78
0608	3/8 x 1/2	10	490.32
0808	1/2 x 1/2	11	491.76
0810	1/2 x 5/8	15	714.12

Brass Hose Barbs

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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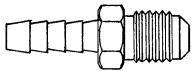
129UFS



07009- Barb x NPSM Swivel Gasket Seat

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
0202	1/8 x 1/8	3	389.05
0302	3/16 x 1/8	3	422.00
0304	3/16 x 1/4	4	430.32
0402	1/4 x 1/8	3	434.19
0404	1/4 x 1/4	4	334.26
0406	1/4 x 3/8	6	531.88
0504	5/16 x 1/4	5	332.47
0506	5/16 x 3/8	7	567.19
0604	3/8 x 1/4	5	456.79
0606	3/8 x 3/8	7	566.56
0608	3/8 x 1/2	11	703.31
0806	1/2 x 3/8	7	577.83
0808	1/2 x 1/2	11	750.24

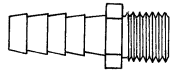
129MSAE



07004- Barb x Male Flare

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
0205	1/8 x 5/16	3	339.69
0304	3/16 x 1/4	4	306.92
0305	3/16 x 5/16	5	353.45
0404	1/4 x 1/4	5	264.38
0405	1/4 x 5/16	6	358.88
0406	1/4 x 3/8	6	291.08
0505	5/16 x 5/16	6	324.32
0506	5/16 x 3/8	7	395.87
0606	3/8 x 3/8	7	278.60
0608	3/8 x 1/2	8	461.30
0808	1/2 x 1/2	10	563.67
0810	1/2 x 5/8	14	707.76

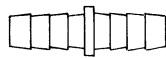
Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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129IS

07006- Barb x Inverted Flare Swivel

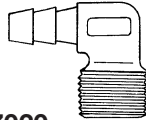
Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
0404	1/4 x 1/4	6	1030.29
0505	5/16 x 5/16	7	1071.61
0606	3/8 x 3/8	8	1154.79
0808	1/2 x 1/2	15	1086.58
1010	5/8 x 5/8	23	1247.38



129S

07014- Barb x Barb

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
02	1/8	2	270.56
03	3/16	2	175.37
04	1/4	2	128.61
05	5/16	3	151.49
06	3/8	4	144.96
08	1/2	5	241.60
10	5/8	7	331.43
12	3/4	11	471.42



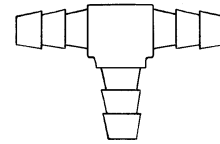
129E

Elbow

07020- Barb x Male Pipe

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
0302	3/16 x 1/8	3	504.19
0402	1/4 x 1/8	4	358.88
0404	1/4 x 1/4	6	370.15
0502	5/16 x 1/8	5	401.77
0504	5/16 x 1/4	6	391.31
0506	5/16 x 3/8	8	570.37
0602	3/8 x 1/8	5	368.82
0604	3/8 x 1/4	6	351.08
0606	3/8 x 3/8	7	433.85
0608	3/8 x 1/2	8	553.55
0804	1/2 x 1/4	7	615.69
0806	1/2 x 3/8	9	583.78
0808	1/2 x 1/2	11	1392.29
1006	5/8 x 3/8	10	570.72
1008	5/8 x 1/2	13	554.42

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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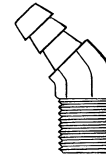


129T

Tee

07024- Barb x Barb x Barb

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
04	1/4	7	482.71
05	5/16	10	465.06
06	3/8	13	443.64



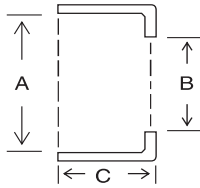
12945

45° Elbow

07045- Barb x Male Pipe

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
0402	1/4 x 1/8	4	389.69
0404	1/4 x 1/4	6	982.02
0502	5/16 x 1/8	5	348.71
0504	5/16 x 1/4	6	442.52
0602	3/8 x 1/8	5	446.62
0604	3/8 x 1/4	6	448.53
0606	3/8 x 3/8	7	538.99
0804	1/2 x 1/4	7	681.12
0806	1/2 x 3/8	9	574.07
1006	5/8 x 3/8	12	593.03

Brass Hose Ferrules

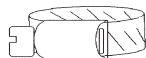


Computer Number	Reference No.	Ferrule I.D. A	Ferrule Length C	Hole Size B	Gauge	Weight Per 100	Price Per 100
60100-01	620	.410	.500	.270	.016	1	28.30
60100-02	769	.450	.562	.343	.016	1	30.24
60100-03	4750	.475	.688	.328	.020	1	35.83
60100-04	624	.500	.469	.359	.016	1	30.24
60100-05	7322	.500	1.000	.344	.025	2	45.99
60100-06	625	.525	.469	.359	.016	1	30.24
60100-07	7323	.525	1.000	.375	.025	2	48.46
60100-08	7324	.530	1.000	.437	.025	2	48.46
60100-09	626	.548	.478	.372	.016	1	35.02
60100-10	7325	.562	1.000	.437	.025	2	51.78
60100-11	KK	.575	.484	.375	.016	1	36.80
60100-12	7326	.593	1.000	.437	.025	2	51.13
60100-13	II	.625	.484	.437	.016	1	33.81
60100-14	7327	.625	1.000	.437	.025	2	54.70
60100-15	HH	.650	.484	.437	.016	1	34.62
60100-16	7328	.656	1.000	.437	.025	2	60.16
60100-17	7329	.687	1.000	.500	.025	2	57.37
60100-18	FF	.700	.563	.500	.016	1	49.92
60100-19	7330	.718	1.000	.500	.025	2	59.47
60100-20	7331	.750	1.000	.500	.025	2	61.74
60100-21	7333	.812	1.000	.625	.025	3	66.92
60100-22	AA	.830	.563	.562	.016	1	47.65
60100-23	7244A	.875	.850	.687	.025	2	64.49
60100-24	7113	.925	.875	.687	.023	2	69.03
60100-25	7104	1.150	.875	.875	.025	3	94.29

(All brass ferrules are sold in bags of 100 pcs. only)

Miniature Worm Drive Hose Clamps – 5/16” Band

- 1/4” Hex Slotted Carbon Steel Screw
- 5/16” Wide 301 Stainless Steel Band
- Carbon Steel Housing



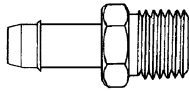
Computer Number	Diameter		Weight Per 100	Price Per 100
	Min.	Max.		
60200-0410	1/4”	5/8”	2	111.86
60200-0411	1/4”	11/16”	2	111.86
60200-0514	5/16”	7/8”	2	111.86
60200-0616	3/8”	1”	2	120.93

Computer Number	Diameter		Weight Per 100	Price Per 100
	Min.	Max.		
60200-0617	3/8”	1-1/16”	3	150.20
60200-0820	1/2”	1-1/4”	3	150.20
60200-0824	1/2”	1-1/2”	3	167.00
60200-1228	3/4”	1-3/4”	3	199.76

(All hose clamps are sold in bags of 100 pcs. only)

Brass Miniature Barbs

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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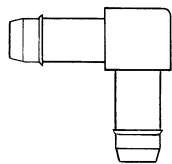


129BM

Mini Barb x Male Pipe

07068-

0202	*1/8 x 1/8	2	171.78
0204	*1/8 x 1/4	2	313.28
0402	1/4 x 1/8	2	231.37
0404	1/4 x 1/4	4	281.89
0606	3/8 x 3/8	6	575.69



129BE

Elbow

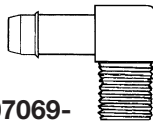
Mini Barb x Mini Barb

07065-

02	*1/8	4	345.93
04	1/4	6	458.99
06	3/8	8	526.73

* Fits .188" I.D. hose

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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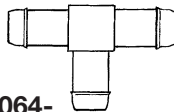


129EBM

Mini Barb x Male Pipe

07069-

0202	*1/8 x 1/8	3	277.32
0204	*1/8 x 1/4	3	368.76
0402	1/4 x 1/8	4	382.17
0404	1/4 x 1/4	6	458.93
0606	3/8 x 3/8	7	1080.69



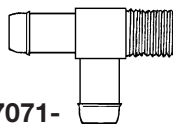
129HBT

Tee

Mini Barb Three Ends

07064-

02	*1/8	2	469.97
04	1/4	4	539.56
06	3/8	6	584.65



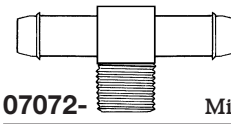
129TBMB

Mini Barb x Male Pipe x Mini Barb

07071-

0202	*1/8 x 1/8	5	748.50
0404	1/4 x 1/4	6	1899.42

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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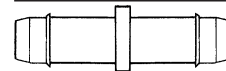


129TBM

Mini Barb x Male Pipe

07072-

0202	*1/8 x 1/8	5	425.00
0402	1/4 x 1/8	6	494.88
0404	1/4 x 1/4	7	626.61
0606	3/8 x 3/8	11	5178.53

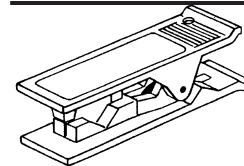


129SBM

Mini Barb x Mini Barb

07062-

02	*1/8	2	179.58
04	1/4	2	187.56
06	3/8	4	345.18



Plastic Tubing Cutter

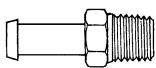
69410

1/8 O.D. to 5/8 O.D.	1129.55
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For cutting polyethylene, pex, nylon, plastic and rubber tubing.

Brass Single Barbs

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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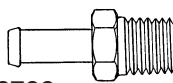
159

Barb x Male Pipe

08701-

0302	3/16 x 1/8	3	137.81
0402	1/4 x 1/8	2	77.81
0404	1/4 x 1/4	4	121.26
0502	5/16 x 1/8	3	82.19
0504	5/16 x 1/4	5	116.52
0602	3/8 x 1/8	4	110.97
0604	3/8 x 1/4	5	127.89
0606	3/8 x 3/8	6	197.57
0806	1/2 x 3/8	8	194.41
0808	1/2 x 1/2	11	293.28
1006	5/8 x 3/8	11	360.32
1008	5/8 x 1/2	12	284.41
1012	5/8 x 3/4	17	437.77
1208	3/4 x 1/2	14	359.80
1212	3/4 x 3/4	17	448.30

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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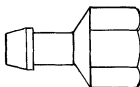


159IN

Barb x Male Inverted Flare

08706-

0404	1/4 x 1/4	4	102.39
0405	1/4 x 5/16	5	128.62
0504	5/16 x 1/4	5	103.72
0505	5/16 x 5/16	6	115.14
0506	5/16 x 3/8	6	206.07
0605	3/8 x 5/16	6	198.95
0606	3/8 x 3/8	6	227.33

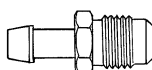


159FIN

Barb x Female Inverted Flare

08713-

0505	5/16 x 5/16	4	333.24
0605	3/8 x 5/16	7	311.13
0606	3/8 x 3/8	7	330.93



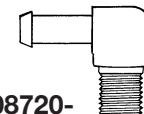
159MSAE

Barb x Male Flare

08704-

0606	3/8 x 3/8	7	322.87
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Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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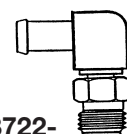


159E

Barb x Male Pipe Elbow

08720-

0402	1/4 x 1/8	4	262.43
0502	5/16 x 1/8	5	242.51
0504	5/16 x 1/4	6	300.57
0602	3/8 x 1/8	5	345.02
0604	3/8 x 1/4	6	301.62
0606	3/8 x 3/8	7	603.93
0806	1/2 x 3/8	9	830.93
0808	1/2 x 1/2	11	1001.78
1006	5/8 x 3/8	10	704.82
1008	5/8 x 1/2	13	968.06
1208	3/4 x 1/2	16	984.01



159EIS

Barb x Inverted Flare Swivel Elbow

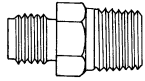
08722-

0404	1/4 x 1/4	5	808.87
0405	1/4 x 5/16	6	868.26
0505	5/16 x 5/16	6	887.85
0605	3/8 x 5/16	7	1020.04
0606	3/8 x 3/8	8	652.23

Drawings Are For
Identification Purposes
— Only —
Patterns May Vary

Brass Welding Hose Fittings

Computer Number	Size	Weight Per 100	Price Per 100
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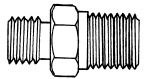
651
Right Hand
Thread

UNF Thread x
Male Pipe

07651-

Computer Number	Size	Weight Per 100	Price Per 100
0902	9/16-18 x 1/8	5	321.46
0904	9/16-18 x 1/4	6	323.26
0906	9/16-18 x 3/8	9	346.76
0909	9/16-18 x 9/16-18*	9	323.36

*UNF Thread



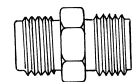
652
Left Hand
Thread

UNF Thread x
Male Pipe

07652-

Computer Number	Size	Weight Per 100	Price Per 100
0902	9/16-18 x 1/8	5	321.46
0904	9/16-18 x 1/4	6	323.36
0906	9/16-18 x 3/8	9	346.76
0909	9/16-18 x 9/16-18*	8	323.36

*UNF Thread



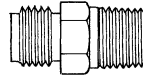
656
Union

07656-

NPSM x NPSM

Computer Number	Size	Weight Per 100	Price Per 100
0404	1/4 x 1/4	5	260.45
0606	3/8 x 3/8	8	382.59
0808	1/2 x 1/2	10	493.44
1212	3/4 x 3/4	14	622.06

Computer Number	Size	Weight Per 100	Price Per 100
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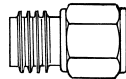
654
Male Adapter

NPSM x
Male Pipe

07654-

Computer Number	Size	Weight Per 100	Price Per 100
0202	1/8 x 1/8	3	208.46
0402	1/4 x 1/8	4	160.93
0404	1/4 x 1/4	5	134.21
0406	1/4 x 3/8	9	266.84
0602	3/8 x 1/8	6	272.02
0604	3/8 x 1/4	6	308.91
0606	3/8 x 3/8	8	283.20
0608	3/8 x 1/2	12	565.06
0806	1/2 x 3/8	11	443.04
0808	1/2 x 1/2	14	434.74
1212	3/4 x 3/4	18	600.81

655
Female Adapter

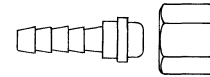


NPSM x
Female Pipe

07655-

Computer Number	Size	Weight Per 100	Price Per 100
0402	1/4 x 1/8	4	259.23
0404	1/4 x 1/4	5	292.02
0406	1/4 x 3/8	6	394.98
0604	3/8 x 1/4	8	423.00
0606	3/8 x 3/8	8	380.57
0806	1/2 x 3/8	11	555.26
0808	1/2 x 1/2	12	574.01

Computer Number	Size	Weight Per 100	Price Per 100
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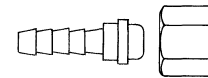
129FWL
Left Hand
Thread For
Acetylene
Line

07639-

Barb x NPSM

Computer Number	Size	Weight Per 100	Price Per 100
0306	3/16 x 3/8-24	2	236.11
0309	3/16 x 9/16-18	6	236.11
0409	1/4 x 9/16-18	7	198.66
0509	5/16 x 9/16-18	7	243.64
0609	3/8 x 9/16-18	8	250.73

129FWR
Right Hand
Thread For
Oxygen
Line



07629-

Barb x NPSM

Computer Number	Size	Weight Per 100	Price Per 100
0306	3/16 x 3/8-24	2	236.11
0309	3/16 x 9/16-18	6	236.11
0409	1/4 x 9/16-18	6	198.66
0509	5/16 x 9/16-18	7	243.64
0609	3/8 x 9/16-18	7	250.73

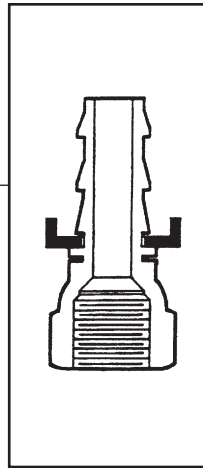
Drawings Are For Identification Purposes

— ONLY —

Patterns May Vary

Brass Push-On Hose Barbs

- One piece construction
- Use with push-on type hose
- No hose clamp or ferrule needed
- Excellent vibration resistance
- Barb size is hose I.D.

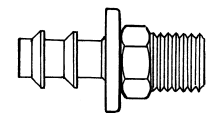


To Assemble:

- 1 Cut smooth, square end on hose
- 2 Insert fitting until all barbs are covered
- 3 Place end of fitting against a flat object, grip hose one inch from end
- 4 Push until cap covers end of hose

Brass Push-On Hose Barbs

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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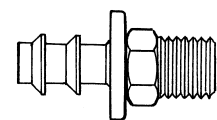


129PO1

Barb x Male Pipe

07201-

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
0402	1/4 x 1/8	3	157.68
0404	1/4 x 1/4	5	186.35
0406	1/4 x 3/8	6	302.93
0502	5/16 x 1/8	4	295.30
0504	5/16 x 1/4	5	285.13
0602	3/8 x 1/8	6	265.53
0604	3/8 x 1/4	6	217.85
0606	3/8 x 3/8	7	259.52
0608	3/8 x 1/2	12	418.88
0612	3/8 x 3/4	16	879.25
0804	1/2 x 1/4	10	411.59
0806	1/2 x 3/8	10	291.54
0808	1/2 x 1/2	13	390.32
0812	1/2 x 3/4	18	629.10
1006	5/8 x 3/8	16	769.09
1008	5/8 x 1/2	17	533.67
1012	5/8 x 3/4	20	721.40
1208	3/4 x 1/2	24	700.59
1212	3/4 x 3/4	21	733.14



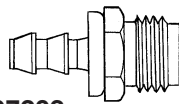
129PO2

Barb x Male Pipe Swivel

07202-

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
0404	1/4 x 1/4	6	526.21
0604	3/8 x 1/4	8	541.18
0606	3/8 x 3/8	9	608.17
0806	1/2 x 3/8	12	658.05
0808	1/2 x 1/2	16	781.40
1212	3/4 x 3/4	26	1298.07

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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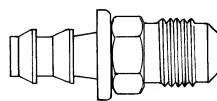


129PO3

Barb x NPSM

07203-

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
0402	1/4 x 1/8	3	479.97
0404	1/4 x 1/4	4	515.06
0406	1/4 x 3/8	6	562.86
0602	3/8 x 1/8	6	570.60
0604	3/8 x 1/4	6	688.80
0606	3/8 x 3/8	7	780.65
0608	3/8 x 1/2	11	968.79
0806	1/2 x 3/8	9	747.53
0808	1/2 x 1/2	12	936.88
0812	1/2 x 3/4	18	1005.32
1008	5/8 x 1/2	18	867.12
1012	5/8 x 3/4	20	1090.17
1208	3/4 x 1/2	27	1090.17
1212	3/4 x 3/4	22	1090.17



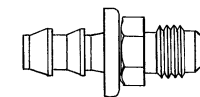
129PO4

Barb x 45° Flare (SAE)

07204-

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
0404	1/4 x 1/4	4	244.73
0405	1/4 x 5/16	5	283.57
0406	1/4 x 3/8	7	457.02
0604	3/8 x 1/4	7	405.47
0605	3/8 x 5/16	7	436.16
0606	3/8 x 3/8	8	371.94
0608	3/8 x 1/2	11	573.03
0808	1/2 x 1/2	14	809.03
0810	1/2 x 5/8	16	692.68
1008	5/8 x 1/2	21	798.10
1010	5/8 x 5/8	21	947.57
1210	3/4 x 5/8	29	965.84
1212	3/4 x 3/4	22	1317.41

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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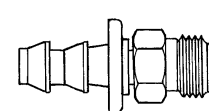


129PO5

Barb x 37° Flare (JIC)

07205-

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
0404	1/4 x 1/4	4	438.91
0405	1/4 x 5/16	5	389.28
0406	1/4 x 3/8	6	523.32
0604	3/8 x 1/4	7	426.80
0605	3/8 x 5/16	7	442.11
0606	3/8 x 3/8	7	524.01
0608	3/8 x 1/2	11	571.41
0808	1/2 x 1/2	13	574.24
0810	1/2 x 5/8	15	600.60
1008	5/8 x 1/2	19	794.23
1010	5/8 x 5/8	21	864.34
1210	3/4 x 5/8	29	966.30
1212	3/4 x 3/4	30	1244.70



129PO6

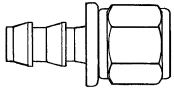
Barb x Inverted Flare Swivel

07206-

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
0403	1/4 x 3/16	4	366.57
0404	1/4 x 1/4	4	380.15
0405	1/4 x 5/16	4	401.42
0504	5/16 x 1/4	5	446.45
0505	5/16 x 5/16	5	457.78
0506	5/16 x 3/8	7	757.53
0605	3/8 x 5/16	6	498.29
0606	3/8 x 3/8	7	434.08
0608	3/8 x 1/2	11	946.88
0806	1/2 x 3/8	12	1065.25
0808	1/2 x 1/2	12	555.63
1010	5/8 x 5/8	17	1171.14

Brass Push-On Hose Barbs

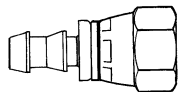
Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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129PO7
Barb x
Female Pipe

07207-

0402	1/4 x 1/8	4	313.91
0404	1/4 x 1/4	6	320.21
0406	1/4 x 3/8	7	537.89
0504	5/16 x 1/4	5	261.31
0602	3/8 x 1/8	5	460.38
0604	3/8 x 1/4	6	338.07
0606	3/8 x 3/8	7	367.90
0608	3/8 x 1/2	10	784.75
0804	1/2 x 1/4	7	637.42
0806	1/2 x 3/8	8	354.08
0808	1/2 x 1/2	11	495.23
0812	1/2 x 3/4	22	1456.96
1008	5/8 x 1/2	14	1142.30
1012	5/8 x 3/4	24	1704.46
1212	3/4 x 3/4	23	1763.59

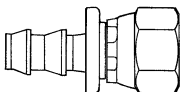


129PO8
Barb x
NPSM Ball End

07208-

- Swivel -

0402	1/4 x 1/8	3	556.61
0404	1/4 x 1/4	6	562.11
0406	1/4 x 3/8	9	790.65
0604	3/8 x 1/4	8	676.32
0606	3/8 x 3/8	10	727.47
0608	3/8 x 1/2	11	909.31
0808	1/2 x 1/2	13	981.85
0812	1/2 x 3/4	19	1396.97
1012	5/8 x 3/4	20	1524.82
1212	3/4 x 3/4	23	1532.39



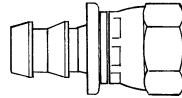
129PO9
Barb x
NPSM Gasket Seat

07209-

- Swivel -

0402	1/4 x 1/8	3	612.83
0404	1/4 x 1/4	6	613.20
0406	1/4 x 3/8	8	888.96
0604	3/8 x 1/4	7	732.09
0606	3/8 x 3/8	9	932.03
0608	3/8 x 1/2	11	1056.70
0808	1/2 x 1/2	11	1056.70
0812	1/2 x 3/4	18	1556.79
1012	5/8 x 3/4	19	1609.79
1212	3/4 x 3/4	21	1569.67

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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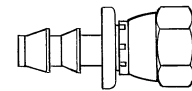


129PO10
Barb x
Dual Seat Flare
45° SAE - 37° JIC

07210-

- Swivel -

0404	1/4 x 1/4	4	238.37
0405	1/4 x 5/16	5	310.39
0505	5/16 x 5/16	5	341.31
0608	3/8 x 1/2	10	451.88
0808	1/2 x 1/2	11	470.67
0810	1/2 x 5/8	13	730.25
1008	5/8 x 1/2	14	757.64
1010	5/8 x 5/8	18	812.21
1210	3/4 x 5/8	24	919.60

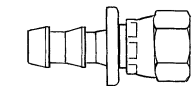


129PO11
Barb x
Female
45° SAE Flare

07211-

- Swivel -

0406	1/4 x 3/8	8	384.37
0506	5/16 x 3/8	7	399.17
0606	3/8 x 3/8	9	405.24
0806	1/2 x 3/8	11	735.10
1212	3/4 x 3/4	33	893.41



129PO12
Barb x
Female
37° JIC Flare

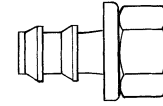
07212-

- Swivel -

0406	1/4 x 3/8	6	355.24
0606	3/8 x 3/8	7	284.78
1212	3/4 x 3/4	23	893.41

.....
*Listed Weights
Are Approximate*
.....

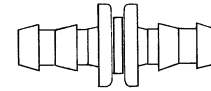
Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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129PO13
Barb x
Rigid Inverted
Flare

07213-

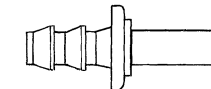
0403	1/4 x 3/16	3	261.26
0404	1/4 x 1/4	3	261.26
0405	1/4 x 5/16	3	287.27
0605	3/8 x 5/16	5	459.68
0606	3/8 x 3/8	6	345.76
0808	1/2 x 1/2	9	753.19



129PO14
Barb x Barb

07214-

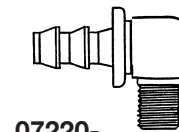
04	1/4	3	223.05
05	5/16	4	283.97
06	3/8	6	267.73
08	1/2	6	343.22
10	5/8	14	538.75
12	3/4	16	699.55



129PO15
Barb x
I.D. Tube Shank

07215-

0403	1/4 x 3/16	2	327.73
0404	1/4 x 1/4	2	311.66
0405	1/4 x 5/16	3	342.87
0606	3/8 x 3/8	4	414.02
0808	1/2 x 1/2	5	480.20
1010	5/8 x 5/8	9	761.46



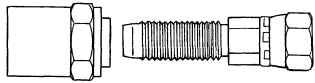
129PO20
Barb x Male Pipe
Elbow

07220-

0402	1/4 x 1/8	4	590.66
0404	1/4 x 1/4	6	648.57
0502	5/16 x 1/8	5	1138.78
0504	5/16 x 1/4	6	1261.72
0602	3/8 x 1/8	5	721.29
0604	3/8 x 1/4	6	711.17
0606	3/8 x 3/8	7	746.60
0608	3/8 x 1/2	8	1117.16
0806	1/2 x 3/8	9	1073.11
0808	1/2 x 1/2	11	1246.86
1008	5/8 x 1/2	13	1495.34
1012	5/8 x 3/4	19	3115.14
1212	3/4 x 3/4	24	1983.23

Brass Reusable Hose Fittings

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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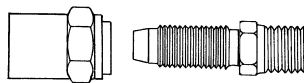


129RU16
Reusable Insert

07216- I.D. x O.D. x Female NPSM

030604	3/16 x 3/8 x 1/4	11	1128.66
030704	3/16 x 7/16 x 1/4	12	1540.25
040804	1/4 x 1/2 x 1/4	14	1145.02
040806	1/4 x 1/2 x 3/8	16	1584.24
040904	1/4 x 9/16 x 1/4	15	1625.86
040906	1/4 x 9/16 x 3/8	17	1625.86
041004	1/4 x 5/8 x 1/4	16	1208.31
041006	1/4 x 5/8 x 3/8	19	1375.64
050904	5/16 x 9/16 x 1/4	14	1266.98
051004	5/16 x 5/8 x 1/4	15	1292.58
051104	5/16 x 11/16 x 1/4	19	1242.76
061004	3/8 x 5/8 x 1/4	16	1347.95
061006	3/8 x 5/8 x 3/8	19	1473.26
061008	3/8 x 5/8 x 1/2	22	1704.98
061104	3/8 x 11/16 x 1/4	20	1405.52
061106	3/8 x 11/16 x 3/8	23	1537.71
061108	3/8 x 11/16 x 1/2	26	1782.21
061204	3/8 x 3/4 x 1/4	17	1357.38
061206	3/8 x 3/4 x 3/8	20	1563.66
061208	3/8 x 3/4 x 1/2	23	1807.98
081408	1/2 x 7/8 x 1/2	33	2181.20
081508	1/2 x 15/16 x 1/2	37	2245.53
081608	1/2 x 1 x 1/2	40	2361.36

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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129RU17
Reusable Insert

07217- I.D. x O.D. x Male NPSM

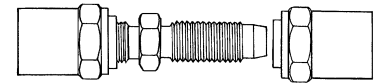
030602	3/16 x 3/8 x 1/8	6	720.07
030604	3/16 x 3/8 x 1/4	8	863.82
030702	3/16 x 7/16 x 1/8	7	738.86
030704	3/16 x 7/16 x 1/4	9	902.20
040802	1/4 x 1/2 x 1/8	9	861.39
040804	1/4 x 1/2 x 1/4	10	840.12
040806	1/4 x 1/2 x 3/8	12	1151.55
040902	1/4 x 9/16 x 1/8	10	885.79
040904	1/4 x 9/16 x 1/4	11	924.28
040906	1/4 x 9/16 x 3/8	13	1173.57
041002	1/4 x 5/8 x 1/8	11	933.64
041004	1/4 x 5/8 x 1/4	12	948.15
041006	1/4 x 5/8 x 3/8	15	1128.55
050904	5/16 x 9/16 x 1/4	12	1091.21
050906	5/16 x 9/16 x 3/8	14	1220.39
051004	5/16 x 5/8 x 1/4	12	1005.89
051006	5/16 x 5/8 x 3/8	15	1243.68
051104	5/16 x 11/16 x 1/4	16	1040.23
051106	5/16 x 11/16 x 3/8	18	1352.00
061004	3/8 x 5/8 x 1/4	13	1183.57
061006	3/8 x 5/8 x 3/8	17	1106.75
061008	3/8 x 5/8 x 1/2	19	1432.63

Continued to Next Column

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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07217-

061104	3/8 x 11/16 x 1/4	17	1083.75
061106	3/8 x 11/16 x 3/8	20	1095.14
061108	3/8 x 11/16 x 1/2	23	1500.72
061204	3/8 x 3/4 x 1/4	14	1062.02
061206	3/8 x 3/4 x 3/8	17	1097.51
061208	3/8 x 3/4 x 1/2	20	1518.06
081404	1/2 x 7/8 x 1/4	26	1893.87
081406	1/2 x 7/8 x 3/8	28	1950.40
081408	1/2 x 7/8 x 1/2	31	2128.31
081504	1/2 x 15/16 x 1/4	30	1948.61
081506	1/2 x 15/16 x 3/8	32	2017.34
081508	1/2 x 15/16 x 1/2	36	1994.16
081604	1/2 x 1 x 1/4	33	2080.74
081606	1/2 x 1 x 3/8	35	2129.99
081608	1/2 x 1 x 1/2	38	2302.58



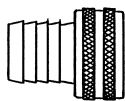
129RU18
Reusable Splicer

07218- I.D. x O.D.

0408	1/4 x 1/2	16	1608.40
0409	1/4 x 9/16	19	1712.33
0410	1/4 x 5/8	19	1745.16
0610	3/8 x 5/8	23	1838.62
0611	3/8 x 11/16	25	1953.52
0612	3/8 x 3/4	21	1962.31

Brass Garden Hose Fittings

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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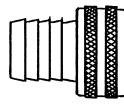


329NPSM
Barb x
Female NPSM

07040-

0612	3/8 x 3/4	9	470.49
0812	1/2 x 3/4	10	475.06
1012	5/8 x 3/4	11	476.50
1212	3/4 x 3/4	14	491.18

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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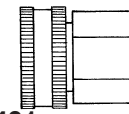


329F
Barb x
Female Hose

07046-

0612	3/8 x 3/4	9	487.14
0812	1/2 x 3/4	10	443.73
1012	5/8 x 3/4	11	443.73
1212	3/4 x 3/4	14	458.99

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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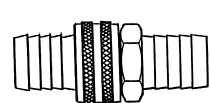


Female Hose x
Female Pipe

07401-

- Swivel -

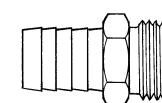
1208	S1	3/4 x 1/2	9	424.60
1212	S2	3/4 x 3/4	12	479.97



329MF
Garden Hose
Barb Set

07042-

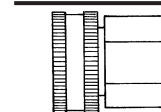
06	3/8	20	815.10
08	1/2	22	746.02
10	5/8	24	764.87
12	3/4	28	856.13



329M
Barb x
Male Hose

07048-

0612	3/8 x 3/4	11	419.80
0812	1/2 x 3/4	12	419.80
1012	5/8 x 3/4	13	419.80
1212	3/4 x 3/4	14	454.02



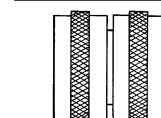
Female Hose x
Female Pipe

07400-

EXTRA
HEAVY

- Swivel -

1208	S1-XHVV	3/4 x 1/2	11	830.53
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S3

Female Hose x
Female Hose

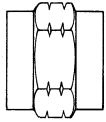
07403-

- Swivel -

12		3/4	9	451.88
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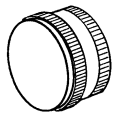
Brass Garden Hose Fittings

Computer Number	Hose I.D. Size	Weight Per 100	Price Per 100
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S3S
Female Hose x
Female Hose

07402- - Solid -			
12	3/4	14	385.82



Hose Cap

07404- Brass				
12	S4	3/4	4	196.17

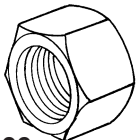
07408- Zinc				
12	S4Z	3/4	3	138.60



GHW
Garden Hose
Washer

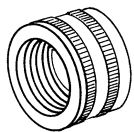
07405-			
12	3/4	1	28.61

Sold in bags of 100 only



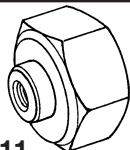
GHN1
Garden Hose
Nut

07406- Hex			
12	3/4	3	264.32



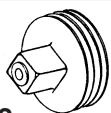
GHN2
Garden Hose
Nut

07407- Round			
12	3/4	2	209.18



Female Hose
Tapped Female
Pipe

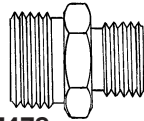
07411-				
1202	GHC1	3/4 x 1/8	8	369.80
1204	GHC2	3/4 x 1/4	8	408.36



GHP
Garden Hose Plug

07412-			
12	3/4	3	749.15

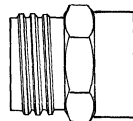
Computer Number	Part No.	Hose I.D. Size	Weight Per 100	Price Per 100
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Male Hose x
Male Pipe

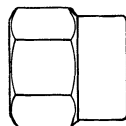
07478-				
1206	77EV	3/4x3/8	15	599.33
1208	78EV	3/4x1/2	15	335.88
120808	78EVC	3/4x1/2x1/2*	15	535.17
121208	79EVT	3/4x3/4x1/2**	15	342.70

*Tapped 1/2 Nom. Sweat
**Tapped 1/2 Female Pipe



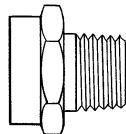
Male Hose x
Female Pipe

07480-				
1204	74EV	3/4 x 1/4	19	599.50
1206	75EV	3/4 x 3/8	15	575.46
1208	80EV	3/4 x 1/2	11	271.54
1212	81EV	3/4 x 3/4	19	371.19



Female Hose x
Female Pipe

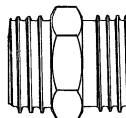
07482-				
1208	82EV	3/4 x 1/2	15	395.47
1212	83EV	3/4 x 3/4	18	395.18



Female Hose x
Male Pipe

07484-				
1208	84EV	3/4x1/2	13	346.40
1212	85EV	3/4x3/4	14	357.55
121208	85EVT	3/4x3/4x1/2*	14	404.31

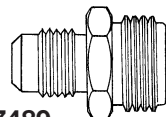
*Tapped 1/2 Female Pipe



Male Hose x
Male Hose

07486-				
1212	86EV	3/4x3/4	16	374.14
121208	86EVT	3/4x3/4x1/2*	16	375.99

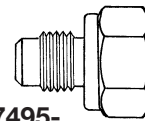
*Tapped 1/2 Female Pipe



Flare x
Male Hose

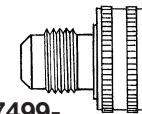
07489-				
0612	88EV	3/8 x 3/4	14	805.21
0812	89EV	1/2 x 3/4	15	1205.94
1012	90EV	5/8 x 3/4	17	1237.09

Computer Number	Part No.	Hose I.D. Size	Weight Per 100	Price Per 100
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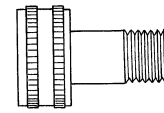
Flare x
Female Hose

07495-				
0612	94EV	3/8 x 3/4	16	602.22
0812	95EV	1/2 x 3/4	16	630.60
1012	96EV	5/8 x 3/4	18	921.22



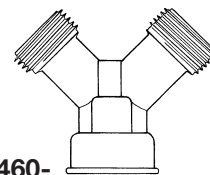
Flare x
Female Hose

07499- - Swivel -				
0612	99EV	3/8 x 3/4	10	681.06
0812	100EV	1/2 x 3/4	13	748.28



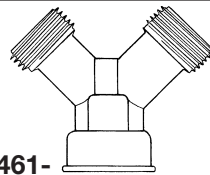
Female Hose x
Male Pipe

07420- - Swivel -				
1204	102EV	3/4 x 1/4	13	656.90
1206	103EV	3/4 x 3/8	14	663.37
1208	104EV	3/4 x 1/2	17	702.21



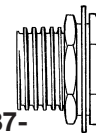
86Y
"Y" Coupling
Zinc

07460- Hose Three Ends			
12	3/4	14	720.13



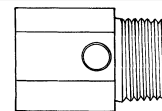
86YRB
"Y" Coupling
Cast Brass

07461- Hose Three Ends			
12	3/4	26	980.87



87EV
Cooler Drain Fitting
Male Hose x Female Pipe
with Locknut & Gasket

07487-			
1208	3/4 x 1/2	11	692.44



Evaporative
Cooler Fitting

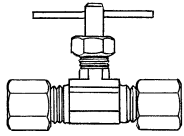
07492- Female Pipe x Male Pipe				
0808	91EV	1/2 x 1/2	8	581.41
1212	92EV	3/4 x 3/4	12	776.89

07493- Female Hose x Male Hose				
1212	93EV	3/4 x 3/4	12	691.87

Tapped 1/8 Female Pipe

Brass Needle Valves

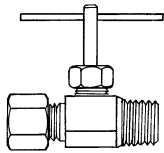
Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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Compression x
Compression

09106- Straight

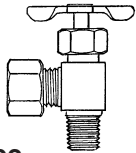
04	106-C	1/4 x 1/4	9	759.20
05	107-C	5/16x5/16	15	1038.61
06	113-C	3/8 x 3/8	15	934.74



Compression x
Male Pipe

09101- Straight

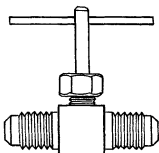
0302	133-C	3/16 x 1/8	8	3640.01
0402	101-C	1/4 x 1/8	10	739.15
0404	1101-C	1/4 x 1/4	11	931.85
0502	102-C	5/16 x 1/8	20	981.56
0604	143-C	3/8 x 1/4	18	1136.98



Compression x
Male Pipe

09103- 90° Elbow

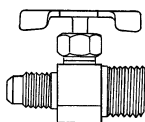
0302	33-C	3/16 x 1/8	17	1135.19
0402	103-C	1/4 x 1/8	10	544.30
0404	104-C	1/4 x 1/4	10	1305.24
0502	203-C	5/16 x 1/8	12	956.76
0504	204-C	5/16 x 1/4	16	3668.57
0602	302-C	3/8 x 1/8	10	1113.75
0604	303-C	3/8 x 1/4	22	1374.09



Flare x Flare

09110- Straight

04	110-SAE	1/4 x 1/4	15	841.11
06	115-SAE	3/8 x 3/8	20	1034.74

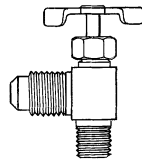


Flare x
Male Pipe

09104- Straight

0402	104-SAE	1/4 x 1/8	18	1061.90
0404	1104-SAE	1/4 x 1/4	14	1389.22
0502	106-SAE	5/16x1/8	14	3582.91
0504	1106-SAE	5/16x1/4	16	2452.45
0604	108-SAE	3/8 x 1/4	18	1324.14

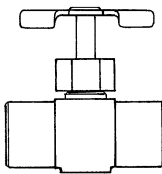
Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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Flare x
Male Pipe

09102- 90° Elbow

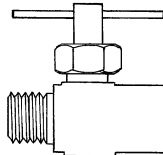
0402	103-SAE	1/4 x 1/8	9	958.73
0604	303-SAE	3/8 x 1/4	20	1637.88



Female Pipe x
Female Pipe

09134- Straight

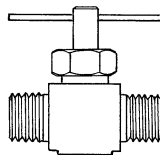
02	304-P	1/8 x 1/8	10	768.86
04	3304-P	1/4 x 1/4	17	989.30



Male Pipe x
Female Pipe

09135- Straight

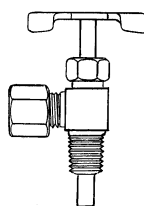
02	305-P	1/8 x 1/8	9	673.08
04	3305-P	1/4 x 1/4	16	1011.33



Male Pipe x
Male Pipe

09108- Straight

02	108-P	1/8 x 1/8	9	897.35
04	110-P	1/4 x 1/4	15	989.59

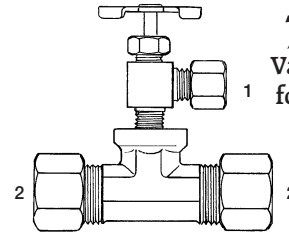


Compression x
Male Pipe

09194- 90° Elbow

0402	104HV	1/4 x 1/8	13	597.71
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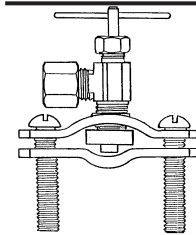
Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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78AWV
Valve with Tee
for Ice Maker-
Humidifier

09178- Read 1 x 2

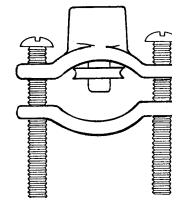
0406	1/4 x 3/8	22	1335.76
0408	1/4 x 1/2	32	1617.82
0410	1/4 x 5/8	41	2301.08
0606	3/8 x 3/8	28	1793.48



Valve with
Saddle
fits up to
3/4 Pipe

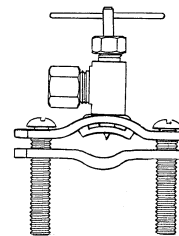
09195-

04	104-SC	1/4	30	1370.55
05	204-SC	5/16	33	1631.35
06	302-SC	3/8	30	1851.80



109S
Brass Saddle
1/8 Female Pipe
fits up to
3/4 Pipe

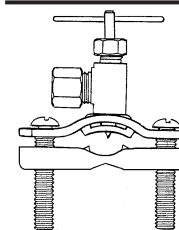
09190	1/8	20	807.70
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104SCSD
Self Drilling Valve
Assembly
fits 3/8" thru
1-3/8" O.D.
Copper Tubing

09199-

04	1/4	25	988.73
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104SDHB
Self Drilling Valve
Assembly
fits 3/8" thru
1-3/8" O.D.
Copper Tubing with
Heavy Bracket

09198-

04	1/4	25	1009.60
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Ice Maker Kits

- All Kits Individually Packaged in Attractive, Durable Bags
- Easy to Understand Instructions printed on Each Package
 - Six Stock Kits for any type installation

60001

- 25' - Polyethylene Tubing
- 1 - 104SCSD Self Tapping Saddle Valve
- 1 - 62 1/4 Compression Union
- 1 - 68 1/4xl/8 Compression x MIP Connector
- 1 - 69 1/4xl/8 Compression x MIP Elbow
- 3 - 60P 1/4 Delrin Sleeve
- 3 - 61P 1/4 Brass Insert

60008

- 25' - Polyethylene Tubing
- 1 - 104SCSD Self Tapping Saddle Valve
- 1 - 62 1/4 Compression Union
- 3 - 60P 1/4 Delrin Sleeve
- 3 - 61P 1/4 Brass Insert

60002

- 25' - Copper Tubing
- 1 - 104SCSD Self Tapping Saddle Valve
- 1 - 62 1/4 Compression Union
- 1 - 68 1/4xl/8 Compression x MIP Connector
- 1 - 69 1/4xl/8 Compression x MIP Elbow

60004

- 10' - Copper Tubing
- 1 - 104SCSD Self Tapping Saddle Valve
- 1 - 62 1/4 Compression Union
- 1 - 68 1/4xl/8 Compression x MIP Connector
- 1 - 69 1/4xl/8 Compression x MIP Elbow

60005

- 15' - Copper Tubing
- 1 - 104SCSD Self Tapping Saddle Valve
- 1 - 62 1/4 Compression Union
- 1 - 68 1/4xl/8 Compression x MIP Connector
- 1 - 69 1/4xl/8 Compression x MIP Elbow

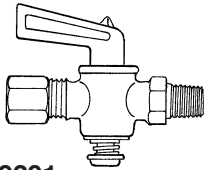
60006

- 15' - Copper Tubing
- 1 - 104SCSD Self Tapping Saddle Valve
- 1 - 62 1/4 Compression Union
- 1 - 406FC 1/4xl/4 Female Flare x Compression Connector

Refer to Current Ice Maker Kits Sheet for Pricing

Brass Shut Off Cocks

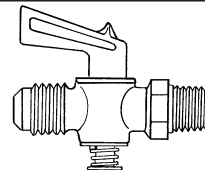
Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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Tube x Male Pipe

09201-

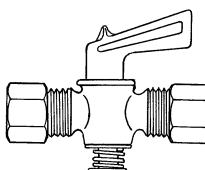
0402	27-C	1/4 x 1/8	18	1420.84
0404	227-C	1/4 x 1/4	22	1682.79
0502	29-C	5/16 x 1/8	20	1431.82
0504	229-C	5/16 x 1/4	23	1780.88
0604	57-C	3/8 x 1/4	30	1847.11
0606	557-C	3/8 x 3/8	33	2121.78
0806	67-C	1/2 x 3/8	51	3413.90



Flare x Male Pipe

09204-

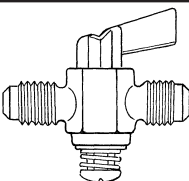
0402	27-SAE	1/4 x 1/8	17	1423.09
0404	227-SAE	1/4 x 1/4	22	1586.44
0502	29-SAE	5/16 x 1/8	20	1464.42
0504	229-SAE	5/16 x 1/4	23	1681.23
0604	57-SAE	3/8 x 1/4	30	1722.50
0606	557-SAE	3/8 x 3/8	33	2127.04
0608	577-SAE	3/8 x 1/2	38	2523.14
0806	67-SAE	1/2 x 3/8	50	2532.28
0808	77-SAE	1/2 x 1/2	62	2559.33
1008	1077-SAE	5/8 x 1/2	75	3496.67



Tube x Tube

09206-

04	28-C	1/4 x 1/4	20	1483.32
05	30-C	5/16 x 5/16	23	1779.72
06	58-C	3/8 x 3/8	30	1829.95
08	68-C	1/2 x 1/2	44	2318.36

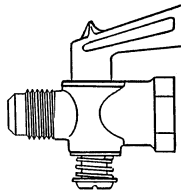


Flare x Flare

09210-

04	28-SAE	1/4 x 1/4	20	1447.95
05	30-SAE	5/16x5/16	23	1633.14
06	58-SAE	3/8 x 3/8	27	1729.72
08	68-SAE	1/2 x 1/2	43	2107.68
10	1010-SAE	5/8 x 5/8	79	3462.74

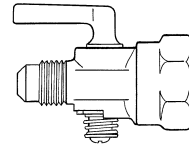
Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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Male Flare x Female Flare

09259-

06	159-SAE	3/8	39	3666.54
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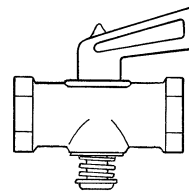


Flare x Female Pipe

09205-

0606	163-SAE	3/8 x 3/8	40	2304.89
0608	161-SAE	3/8 x 1/2	37	2322.98
0808	164-SAE	1/2 x 1/2	40	2372.75
0812	166-SAE	1/2 x 3/4	101	4080.39
0908	*161-SSAE	9/16 x 1/2	38	2460.60
1008	1667-SAE	5/8 x 1/2	110	4373.73
1012	167-SAE	5/8 x 3/4	104	4099.12
1512	167-RC	15/16x3/4	115	4901.67

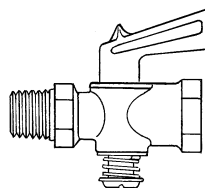
*9/16-24 Thread



Female Pipe x Female Pipe

09234-

02	31-P	1/8 x 1/8	16	1307.67
04	32-P	1/4 x 1/4	20	1403.27
06	40-P	3/8 x 3/8	54	2423.84
08	80-P	1/2 x 1/2	77	2630.65

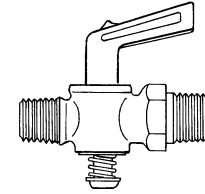


Male Pipe x Female Pipe

09235-

02	48-P	1/8 x 1/8	18	1334.37
04	49-P	1/4 x 1/4	20	1358.42
06	50-P	3/8 x 3/8	40	2169.93
08	51-P	1/2 x 1/2	60	3569.79

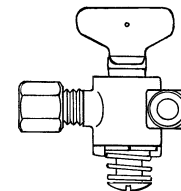
Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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Male Pipe x Male Pipe

09208-

02	76-P	1/8 x 1/8	18	1416.62
04	77-P	1/4 x 1/4	23	1477.54
06	78-P	3/8 x 3/8	38	2370.15



Compression x Male Pipe

09289-

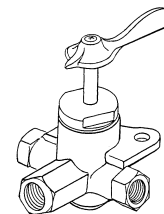
Left Angle

0402	89-CL	1/4 x 1/8	18	3401.13
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09290-

(Shown)Right Angle

0402	89-CR	1/4 x 1/8	18	3401.13
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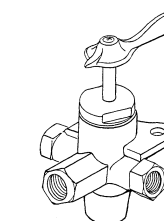


108AMC
Three-Way Heavy-Duty

09508-

Female Pipe Three Ends

02	1/8	70	4355.46
04	1/4	72	3945.60
06	3/8	78	4425.23



114AMC
Four-Way Heavy-Duty

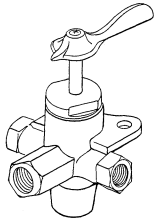
09514-

Female Pipe Four Ends

04	1/4	70	3955.08
06	3/8	80	4415.05

Brass Shut Off Cocks

Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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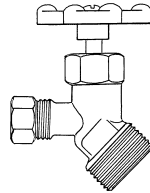
115AMC
Four-Way
Heavy-Duty
(With Long Stem)

09515-

Female Pipe
Four Ends

04	1/4	70	4148.88
06	3/8	80	4707.64

Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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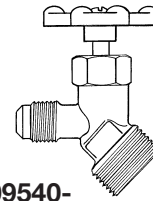
Oil Drum
And Tank Valve

09530-

Compression x
Male Pipe

0612	7-OVC	3/8 x 3/4	54	2325.87
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Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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Oil Drum
And Tank Valve

09540-

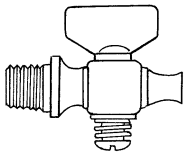
Flare x Male Pipe

0606	5-OV	3/8 x 3/8	54	2219.92
0608	6-OV	3/8 x 1/2	54	1903.93
0612	7-OV	3/8 x 3/4	54	1951.10
0808	70-OV	1/2 x 1/2	54	2669.55
0812	8-OV	1/2 x 3/4	54	2885.67

Brass Polished Air Cocks

All air cocks are spring bottom. Nut bottom air cocks are available on request.

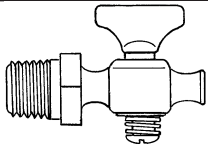
Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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Male Pipe x
Bibb Nose

Tee Handle -
Round Shoulder

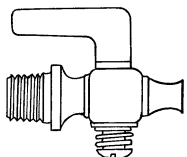
09306-02	6-PAC	1/8	12	1382.06
09307-04	7-PAC	1/4	14	1414.94



Male Pipe x
Bibb Nose

Tee Handle -
Hex Shoulder

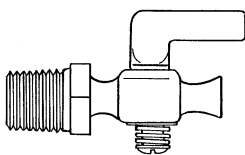
09363-02	63-PAC	1/8	14	1565.98
09364-04	64-PAC	1/4	16	1507.31
09308-06	8-PAC	3/8	18	1588.75
09309-08	9-PAC	1/2	21	1768.56



Male Pipe x
Bibb Nose

Lever Handle -
Round Shoulder

09312-02	12-PAC	1/8	12	1438.70
09313-04	13-PAC	1/4	13	1474.25

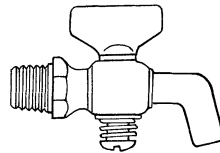


Male Pipe x
Bibb Nose

Lever Handle -
Hex Shoulder

09365-02	65-PAC	1/8	14	1531.76
09366-04	66-PAC	1/4	16	1579.85
09314-06	14-PAC	3/8	18	1624.01
09315-08	15-PAC	1/2	20	1801.34

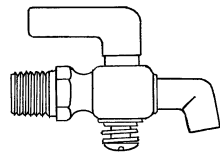
Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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Male Pipe x
Bent Nose

Tee Handle -
Hex Shoulder

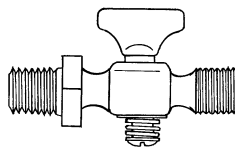
09326-02	26-PAC	1/8	14	2463.84
09327-04	27-PAC	1/4	15	2471.30
09328-06	28-PAC	3/8	28	3583.60
09333-08	33-PAC	1/2	36	3984.62



Male Pipe x
Bent Nose

Lever Handle -
Hex Shoulder

09329-02	29-PAC	1/8	14	2439.56
09330-04	30-PAC	1/4	15	2449.22
09331-06	31-PAC	3/8	29	3447.71
09332-08	32-PAC	1/2	36	3961.84

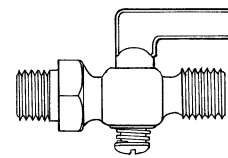


Male Pipe x
Male Pipe

Tee Handle -
Hex Shoulder

09318-02	18-PAC	1/8	14	1827.29
09319-04	19-PAC	1/4	17	1876.42
09320-06	20-PAC	3/8	20	1975.60
09321-08	21-PAC	1/2	33	2667.64

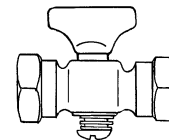
Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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Male Pipe x
Male Pipe

Lever Handle -
Hex Shoulder

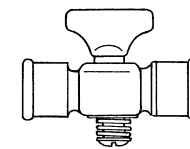
09322-02	22-PAC	1/8	14	1892.14
09323-04	23-PAC	1/4	18	1959.30
09324-06	24-PAC	3/8	21	2219.58
09325-08	25-PAC	1/2	34	2636.78



Female Pipe x
Female Pipe

Tee Handle -
Hex Shoulder

09355-02	55-PAC	1/8	15	1826.71
09356-04	56-PAC	1/4	18	1840.12
09357-06	57-PAC	3/8	25	2526.21
09357-08	57A-PAC	1/2	30	2934.56



Female Pipe x
Female Pipe

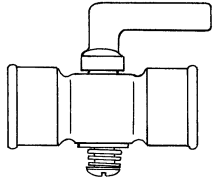
Tee Handle -
Round Shoulder

09337-02	37-PAC	1/8	14	1676.08
09338-04	38-PAC	1/4	15	1679.84
09339-06	39-PAC	3/8	23	2251.08
09339-08	39A-PAC	1/2	32	2434.65

Brass Polished Air Cocks

All air cocks are spring bottom. Nut bottom air cocks are available on request.

Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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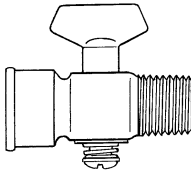


Female Pipe x Female Pipe

Lever Handle - Round Shoulder

09343-02	43-PAC	1/8	13	1812.84
09344-04	44-PAC	1/4	15	1819.02
09345-06	45-PAC	3/8	22	2345.24
09345-08	45A-PAC	1/2	29	2522.16

Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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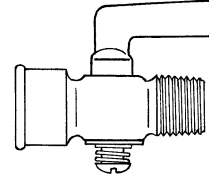


Female Pipe x Male Pipe

Tee Handle - Round Shoulder

09340-02	40-PAC	1/8	12	1625.57
09341-04	41-PAC	1/4	15	1631.41
09342-06	42-PAC	3/8	22	2412.75
09342-08	42A-PAC	1/2	28	2916.18

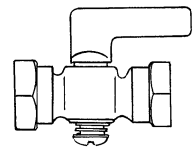
Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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Female Pipe x Male Pipe

Lever Handle - Round Shoulder

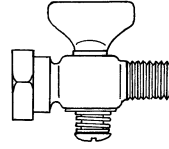
09346-02	46-PAC	1/8	12	1748.68
09347-04	47-PAC	1/4	15	1780.07
09348-06	48-PAC	3/8	23	2348.93
09348-08	48A-PAC	1/2	28	2411.01



Female Pipe x Female Pipe

Lever Handle - Hex Shoulder

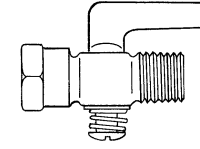
09358-02	58-PAC	1/8	15	2053.06
09359-04	59-PAC	1/4	17	1926.71
09360-06	60-PAC	3/8	25	2522.68
09360-08	60A-PAC	1/2	32	2768.45



Female Pipe x Male Pipe

Tee Handle - Hex Shoulder

09349-02	49-PAC	1/8	12	1770.82
09350-04	50-PAC	1/4	15	1838.27
09351-06	51-PAC	3/8	23	2468.06
09351-08	51A-PAC	1/2	30	2595.62



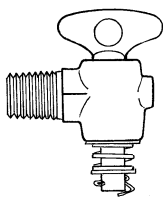
Female Pipe x Male Pipe

Lever Handle - Hex Shoulder

09352-02	52-PAC	1/8	13	1672.91
09353-04	53-PAC	1/4	16	1684.58
09354-06	54-PAC	3/8	23	2306.57
09354-08	54A-PAC	1/2	30	2572.22

Brass Drain Cocks

Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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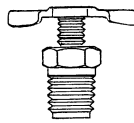


Tee Handle Drain Cock

09403-

02	37-P	1/8	11	1714.75
04	38-P	1/4	15	1606.96

Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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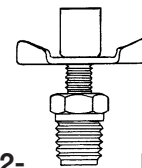


Tee Handle External Seat

09432-

02	320-P	1/8	3	190.77
04	321-P	1/4	4	209.70
06	322-P	3/8	6	576.79
08	323-P	1/2	11	2273.97

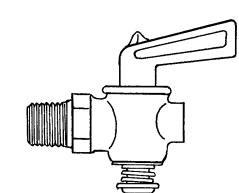
Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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Tee Handle With Bibb External Seat

09442-

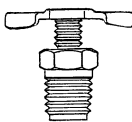
		Hose I.D.			
02	420-P	1/8	1/4	04	534.53
04	421-P	1/4	3/8	05	388.42



Lever Handle Drain Cock

09404-

02	41-P	1/8	11	1267.32
04	42-P	1/4	16	1293.45
06	43-P	3/8	22	1619.73
08	44-P	1/2	37	2075.19



Tee Handle External Seat With O-Ring

09436-

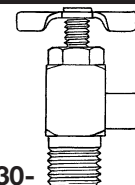
04	327-P	1/4	7	558.06
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Tee Handle Internal Seat

09440-

02	300-P	1/8	6	492.98
04	301-P	1/4	11	527.25



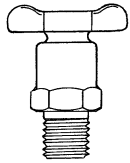
Tee Handle With Bibb Internal Seat

09430-

		(for 3/8 I.D. Hose)			
02	302-P	1/8	9	841.28	
04	303-P	1/4	10	816.37	

Brass Drain Cocks

Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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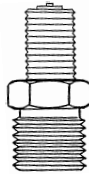


Forged Tee Handle
Internal Seat

09420-

02	200-P	1/8	5	1027.41
04	201-P	1/4	8	864.69
06	202-P	3/8	10	1266.22

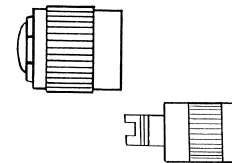
Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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Air Tank Valve

09460-02	500P	1/8	5	418.93
09460-04	501P	1/4	6	592.39
09462-02	510P	1/8 Long	7	522.87

Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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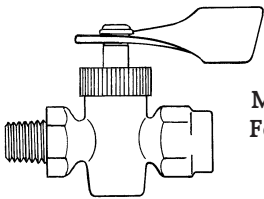
Air Tank Valve
Cap

09469-

02	Plastic Dome Cap		2	67.80
04	Metal Dome Cap		3	132.25
06	Metal Slotted Cap		5	139.47

Brass Solid Bottom Fuel Line Valves

Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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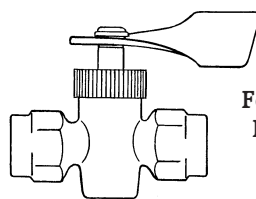


Male Pipe x
Female Pipe

09500-

02	5600	1/8	22	3015.89
04	5600A	1/4	25	3196.69
06	5600B	3/8	32	3461.24

Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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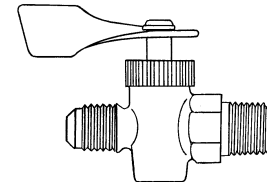


Female Pipe x
Female Pipe

09502-

02	5602	1/8	26	3233.45
04	5602A	1/4	28	3372.11
06	5602B	3/8	32	3750.76

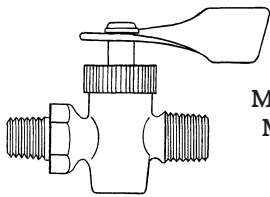
Computer Number	Part No.	Size	Weight Per 100	Price Per 100
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Flare x
Male Pipe

09505-

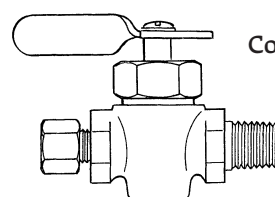
0402	5605	1/4 x 1/8	20	3215.36
0404	5605A	1/4 x 1/4	27	3356.85
0502	5605B	5/16 x 1/8	20	3258.24
0504	5605C	5/16 x 1/4	21	3360.84
0604	5605D	3/8 x 1/4	22	3054.50
0606	5605E	3/8 x 3/8	27	3384.36
0608	5605F	3/8 x 1/2	32	4832.31
0806	5605G	1/2 x 3/8	32	3612.10



Male Pipe x
Male Pipe

09501-

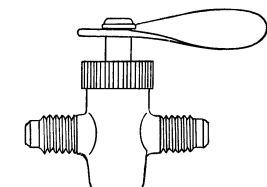
02	5601	1/8	20	3216.80
04	5601A	1/4	23	3308.07
06	5601B	3/8	31	3860.29



Compression x
Male Pipe

09503-

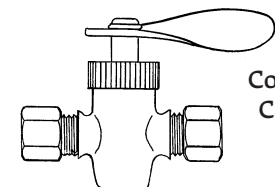
0404	5603A	1/4 x 1/4	22	3653.77
0604	5603D	3/8 x 1/4	25	3562.33
0606	5603E	3/8 x 3/8	31	3656.83



Flare x
Flare

09506-

04	5606	1/4	22	3255.59
05	5606A	5/16	22	3284.25
06	5606B	3/8	23	2999.47
08	5606C	1/2	26	3208.02



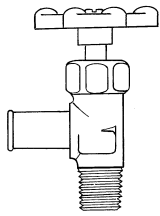
Compression x
Compression

09504-

04	5604	1/4	17	3362.23
05	5604A	5/16	18	3425.98
06	5604B	3/8	19	3260.61
08	5604C	1/2	23	3707.35

Brass Truck Valves

Computer Number	Size	Weight Per 100	Price Per 100
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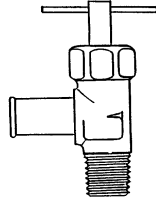


44TV
Barb x
Male Pipe

08944-

0606	3/8 x 3/8	19	1324.09
0806	1/2 x 3/8	26	1947.98
1006	5/8 x 3/8	24	1410.53
1008	5/8 x 1/2	37	2221.09
1206	3/4 x 3/8	50	2863.77
1208	3/4 x 1/2	72	2816.40

Computer Number	Size	Weight Per 100	Price Per 100
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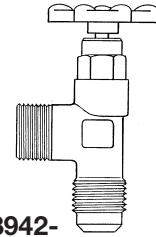


44TVPH
Pin Handle
Barb x
Male Pipe

08947-

0606	3/8 x 3/8	19	1404.86
1006	5/8 x 3/8	37	1496.32

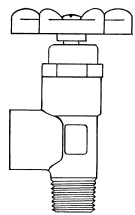
Computer Number	Size	Weight Per 100	Price Per 100
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412TV
Male Pipe x
Flare

08942-

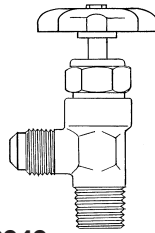
1008	5/8 x 1/2	41	2006.80
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45TV
Female Pipe x
Male Pipe

08945-

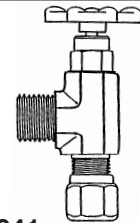
0606	3/8 x 3/8	27	1818.30
0608	3/8 x 1/2	33	2087.29
0808	1/2 x 1/2	35	2297.57



49TV
Flare x
Male Pipe

08949-

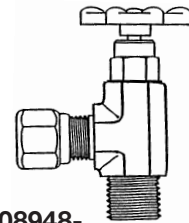
0604	3/8 x 1/4	19	1689.23
0606	3/8 x 3/8	22	1774.09
0608	3/8 x 1/2	26	2095.26
0806	1/2 x 3/8	29	1950.85
0808	1/2 x 1/2	53	3033.89
1008	5/8 x 1/2	41	2021.66
1208	3/4 x 1/2	64	4172.59



410NA
Male Pipe x
Air Brake

08941-

0808	1/2 x 1/2	51	2345.95
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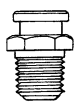
48NA
Air Brake x
Male Pipe

08948-

0808	1/2 x 1/2	51	2412.19
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Grease Fittings

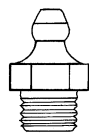
Computer Number	Part Number	Weight Per 100	Price Per 100
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Button Head
1/8 Pipe Thread

08302	1184	2	293.39
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Computer Number	Part Number	Weight Per 100	Price Per 100
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Short
1/8 Pipe Thread

08310	1610	2	73.93
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Computer Number	Part Number	Weight Per 100	Price Per 100
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Extra Long
1/8 Pipe Thread

08312	1669	5	291.83
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Button Head
1/4 Pipe Thread

08304	1186	2	332.29
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Long
1/8 Pipe Thread

08311	1607	4	206.35
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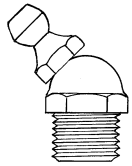


30°
1/8 Pipe Thread

08313	1611	3	154.15
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Grease Fittings

Computer Number	Part Number	Weight Per 100	Price Per 100
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45°
1/8 Pipe Thread

08314	1688	3	143.29
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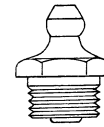
Computer Number	Part Number	Weight Per 100	Price Per 100
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Long
1/4-28 Taper
Thread

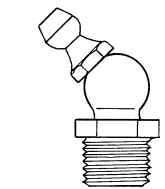
08342	1652	3	69.07
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Computer Number	Part Number	Weight Per 100	Price Per 100
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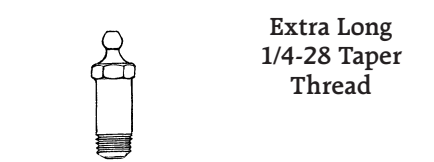
3/8-24 UNF
Thread

08352	1710	3	106.35
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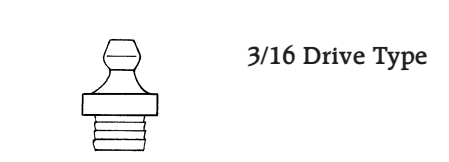
65°
1/8 Pipe Thread

08315	1612	3	151.20
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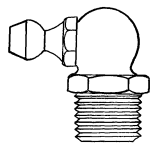
Extra Long
1/4-28 Taper
Thread

08343	1680	5	111.15
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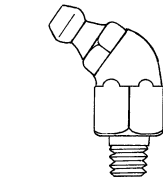
3/16 Drive Type

08373	1728	3	63.75
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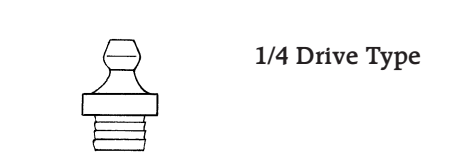
90°
1/8 Pipe Thread

08316	1613	3	143.29
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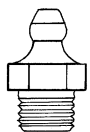
45°
1/4-28 Taper
Thread

08346	1637	3	122.36
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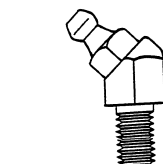
1/4 Drive Type

08374	1743	3	75.66
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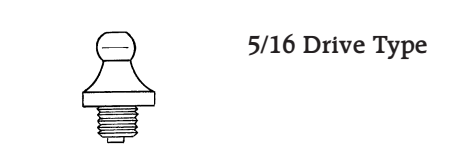
1/4 Pipe Thread

08321	1627	2	148.20
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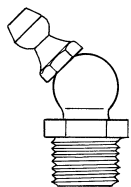
45° Long
1/4-28 Taper
Thread

08347	1636	3	206.87
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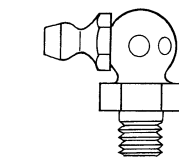
5/16 Drive Type

08375	1608	3	69.30
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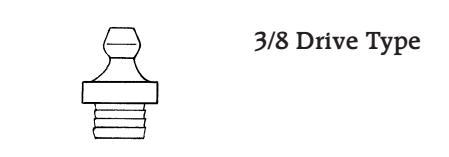
65°
1/4 Pipe Thread

08324	1629	3	248.14
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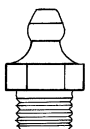
90°
1/4-28 Taper
Thread

08349	1911	3	119.53
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3/8 Drive Type

08376	1666	3	153.34
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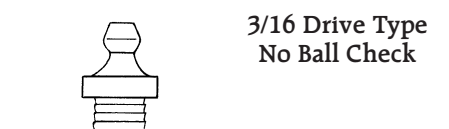
Short
1/4-28 Taper
Thread

08341	1641	2	50.05
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5/16-24 UNF
Thread

08351	1711	2	88.78
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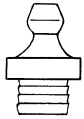


3/16 Drive Type
No Ball Check

08377	1957	3	91.90
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Grease Fittings

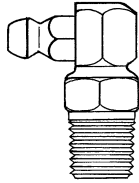
Computer Number	Part Number	Weight Per 100	Price Per 100
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5/16 Drive Type
No Ball Check

08378	1699	3	81.09
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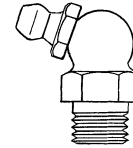
Computer Number	Part Number	Weight Per 100	Price Per 100
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90° Self Tapping
1/4-28 Thread

08386	3054	4	193.98
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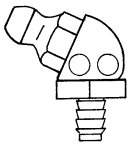
Computer Number	Part Number	Weight Per 100	Price Per 100
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45°
8MM x 1

08395	7445	4	163.29
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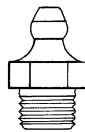
Computer Number	Part Number	Weight Per 100	Price Per 100
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3/16 Drive Type
65° Elbow
No Ball Check

08379	1646	4	177.68
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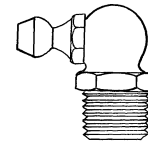
Computer Number	Part Number	Weight Per 100	Price Per 100
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6MM x 1

08391	8601	3	58.03
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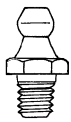
Computer Number	Part Number	Weight Per 100	Price Per 100
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90°
8MM x 1

08396	7490	4	167.22
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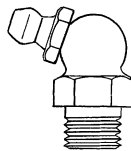
Computer Number	Part Number	Weight Per 100	Price Per 100
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Self Tapping
1/8 Pipe Thread

08382	1720	3	132.13
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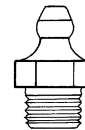
Computer Number	Part Number	Weight Per 100	Price Per 100
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45°
6MM x 1

08392	7045	3	155.25
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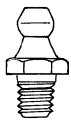
Computer Number	Part Number	Weight Per 100	Price Per 100
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10MM x 1

08397	9301	4	93.69
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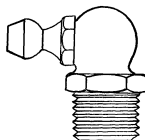
Computer Number	Part Number	Weight Per 100	Price Per 100
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Self Tapping
1/4-28 Thread

08384	3038	3	58.55
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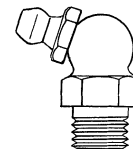
Computer Number	Part Number	Weight Per 100	Price Per 100
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90°
6MM x 1

08393	7090	3	155.25
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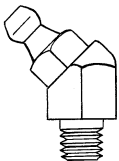
Computer Number	Part Number	Weight Per 100	Price Per 100
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45°
10MM x 1

08398	7845	4	174.73
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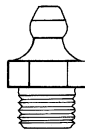
Computer Number	Part Number	Weight Per 100	Price Per 100
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45° Self Tapping
1/4-28 Thread

08385	3053	3	220.45
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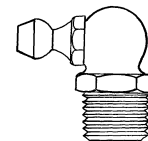
Computer Number	Part Number	Weight Per 100	Price Per 100
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8MM x 1

08394	8901	4	78.61
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Computer Number	Part Number	Weight Per 100	Price Per 100
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90°
10MM x 1

08399	7890	4	174.73
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Tubing

Polyethylene

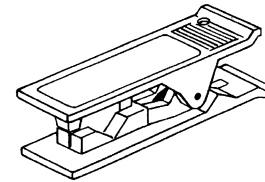
Computer Number	O.D.	I.D.	Wall Thickness	
61000-04	1/4	.1700	.0400	**
61000-05	5/16	.1875	.0625	**
61000-06	3/8	.2500	.0625	**
61000-08	1/2	.3750	.0625	**
61000-10	5/8	.5000	.0625	**
61000-12	3/4	.6250	.0625	**
61010-04*	1/4	.1700	.0400	**

*1000 ft. coil

		Price Per 100
69410*	Plastic Tubing Cutter 1/8 O.D. to 5/8 O.D.	1129.55

* For cutting polyethylene, pex, nylon, plastic and rubber tubing.

- Non-Toxic, Odorless, Tasteless
- Excellent Chemical Resistance
- 100 Ft. Coils
- Milky White Color



Aluminum

Computer Number	O.D.	Wall Thickness	
61020-02	1/8	.0350	**
61020-03	3/16	.0350	**
61020-04	1/4	.0350	**
61020-05	5/16	.0350	**
61020-06	3/8	.0350	**
61020-07	7/16	.0350	**
61020-08	1/2	.0350	**
61020-10	5/8	.0350	**

- 1435 Alloy
- "O" Temper
- Dead Soft
- 50 Ft. Coils

Copper Utility Tubing

Computer Number	O.D.	Length	
61060-0410	1/4	10'	**
61060-0415	1/4	15'	**
61060-0420	1/4	20'	**
61060-0425	1/4	25'	**
61060-0610	3/8	10'	**
61060-0615	3/8	15'	**
61060-0620	3/8	20'	**
61060-0625	3/8	25'	**
61060-0810	1/2	10'	**
61060-0815	1/2	15'	**
61060-0820	1/2	20'	**
61060-0825	1/2	25'	** *
61060-1010	5/8	10'	**
61060-1020	5/8	20'	**

- Available Packaged or Bulk

** Refer to Current Tubing Sheet for Pricing.

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00060-02	15	00065-06	16	00068-0706	17	00070-0504	17	00076-0302	18
00060-03	15	00065-07	16	00068-0804	17	00070-0602	17	00076-0402	18
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00061-06	15	00066-0504	16	00069-0302	17	00070-1212	17	00079-0606	18
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00062-05	16	00066-0808	16	00069-0508	17	00071-0606	18	00082-0604	16
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00261-04	21	00266-0804	22	00269-0508	22	00271-0808	23	00284-060604	21
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