



# Industrial Compression Style Fittings

Compression Fittings

Compress-Align Fittings





















































Brass Metric Compression

Poly-Tite Fittings





















Hi-Duty Fittings





<p><b>Tube to Male NPTF</b></p>	<p><b>68C</b> Male Connector</p>  <p>p. G9</p>	<p><b>169C-269C</b> Male Elbow</p>  <p>p. G10</p>	<p><b>171C</b> Male Run Tee</p>  <p>p. G11</p>	<p><b>172C</b> Male Branch Tee</p>  <p>p. G11</p>	<p><b>176C</b> Adaptor</p>  <p>p. G11</p>	<p><b>179C</b> 45° Male Elbow</p>  <p>p. G11</p>		
	<p><b>682C</b> Tank Fitting</p>  <p>p. G11</p>	<p><b>68CA</b> Male Connector</p>  <p>p. G14</p>	<p><b>169CA-269CA</b> Male Elbow</p>  <p>p. G15</p>	<p><b>171CA</b> Male Run Tee</p>  <p>p. G15</p>	<p><b>172CA</b> Male Branch Tee</p>  <p>p. G15</p>	<p><b>176CA</b> Adaptor</p>  <p>p. G16</p>	<p><b>179CA</b> 45° Male Elbow</p>  <p>p. G16</p>	
	<p><b>682CA</b> Tank Fitting</p>  <p>p. G16</p>	<p><b>68P</b> Male Connector</p>  <p>p. G30</p>	<p><b>169P-269P</b> Male Elbow</p>  <p>p. G32</p>	<p><b>169LP</b> Long Elbow</p>  <p>p. G32</p>	<p><b>169PS</b> Male Elbow Swivel</p>  <p>p. G32</p>	<p><b>171P</b> Male Run Tee</p>  <p>p. G33</p>	<p><b>172P</b> Male Branch Tee</p>  <p>p. G33</p>	
	<p><b>NV311P</b> Needle Valve</p>  <p>p. G33</p>	<p><b>NV312P</b> Needle Valve</p>  <p>p. G33</p>	<p><b>68HD</b> Male Connector</p>  <p>p. G36</p>	<p><b>169HD</b> Male Elbow</p>  <p>p. G36</p>	<p><b>171HD</b> Male Run Tee</p>  <p>p. G36</p>	<p><b>172HD</b> Male Branch Tee</p>  <p>p. G36</p>	<p><b>179HD</b> 45° Male Elbow</p>  <p>p. G36</p>	
	<p><b>Tube to Female NPT</b></p>	<p><b>66C</b> Female Connector</p>  <p>p. G9</p>	<p><b>170C-270C</b> Female Elbow</p>  <p>p. G11</p>	<p><b>177C</b> Female Branch Tee</p>  <p>p. G11</p>	<p><b>66CA</b> Female Connector</p>  <p>p. G14</p>	<p><b>170CA-270CA</b> Female Elbow</p>  <p>p. G15</p>	<p><b>177CA</b> Female Branch Tee</p>  <p>p. G16</p>	
		<p><b>66P</b> Female Connector</p>  <p>p. G29</p>	<p><b>170P</b> Female Elbow</p>  <p>p. G33</p>	<p><b>177P</b> Female Branch Tee</p>  <p>p. G33</p>	<p><b>66HD</b> Female Connector</p>  <p>p. G35</p>	<p><b>170HD</b> Female Elbow</p>  <p>p. G36</p>	<p><b>177HD</b> Female Branch Tee</p>  <p>p. G37</p>	<p><b>Tube to Tube</b></p>
		<p><b>62C</b> Union</p>  <p>p. G8</p>	<p><b>164C-264C</b> Union Tee</p>  <p>p. G10</p>	<p><b>165C-265C</b> Union Elbow</p>  <p>p. G10</p>	<p><b>62CA</b> Union</p>  <p>p. G13</p>	<p><b>62PCA</b> Union</p>  <p>p. G13</p>	<p><b>164CA-264CA</b> Union Tee</p>  <p>p. G14</p>	
<p><b>62P</b> Union</p>  <p>p. G28</p>		<p><b>62PCA</b> Union</p>  <p>p. G29</p>	<p><b>97P</b> Tube Reducer</p>  <p>p. G30</p>	<p><b>164P</b> Union Tee</p>  <p>p. G32</p>	<p><b>62HD</b> Union</p>  <p>p. G35</p>	<p><b>164HD</b> Union Tee</p>  <p>p. G35</p>	<p><b>165HD</b> Union Elbow</p>  <p>p. G35</p>	

<b>Bulkhead Union</b>	<b>62CBH</b> Bulkhead Union	<b>62CABH</b> Bulkhead Union	<b>62PCABH</b> Bulkhead Union	<b>62PBH</b> Bulkhead Union	<b>62PCABH</b> Bulkhead Union	<b>62PTBH</b> Bulkhead Union
	 p. G9	 p. G13	 p. G13	 p. G29	 p. G29	 p. G29
<b>62HDBH</b> Bulkhead Union	<b>Couplers</b>	<b>391P</b> Coupler Body	<b>391PSS</b> Coupler Body	<b>392P</b> Bulkhead Body	<b>392PSS</b> Bulkhead Body	<b>393P</b> Through Insert
 p. G35		 p. G30	 p. G30	 p. G30	 p. G30	 p. G30
<b>393PSS</b> Through Insert	<b>393PD</b> Shutoff Insert	<b>393PDSS</b> Shutoff Insert	<b>394P</b> Single Shutoff	<b>394PSS</b> Single Shutoff	<b>394PD</b> Double Shutoff	<b>394PDSS</b> Double Shutoff
 p. G30	 p. G31	 p. G31	 p. G31	 p. G31	 p. G31	 p. G31
<b>398P</b> Single Shutoff	<b>398PSS</b> Single Shutoff	<b>398PD</b> Double Shutoff	<b>398PDSS</b> Double Shutoff	<b>Auxiliary Component</b>	<b>60C</b> Sleeve	<b>60PT</b> Plastic Sleeve
 p. G31	 p. G31	 p. G32	 p. G32		 p. G8	 p. G8
<b>61C</b> Nut	<b>61CL</b> Long Nut	<b>63PT</b> Tube Support	<b>639C</b> Seal Plug	<b>59CA</b> Plug	<b>61CA</b> Nut/Sleeve	<b>639CA</b> Seal Plug
 p. G8	 p. G8	 p. G9,G13	 p. G11	 p. G13	 p. G13	 p. G16
<b>56PSG</b> Spring guard	<b>59P</b> Plug	<b>60P</b> Plastic Sleeve	<b>60PB</b> Brass Sleeve	<b>61P</b> Nut/Plastic Sleeve	<b>61PB</b> Nut/Brass Sleeve	<b>61PN</b> Nut Only
 p. G28	 p. G28	 p. G28	 p. G28	 p. G28	 p. G28	 p. G28
<b>61PSGN</b> Spring Guard Nut	<b>61HD</b> Nut	<b>59HD</b> Plug	<b>0124</b> Metric Sleeve	<b>0124 40</b> Metric Steel Sleeve	<b>0111</b> Metric Sleeve	<b>0110</b> Metric Nut
 p. G28	 p. G35	 p. G37	 p. G25	 p. G25	 p. G25	 p. G25
<b>0110 40</b> Metric Nut	<b>0110 60</b> Metric Nut	<b>0110 70</b> Metric Nut Sleeve	<b>0127</b> Metric Tube Support	<b>0125</b> Metric End Plug	<b>0220</b> Metric Male Plug	
 p. G25	 p. G25	 p. G26	 p. G26	 p. G26	 p. G26	

<p><b>Metric Tube to NPT</b></p>	<p><b>0105</b> Male Connector  p. G18</p>	<p><b>0109</b> Male Elbow  p. G21</p>					
<p><b>Metric Tube to BSPT</b></p>	<p><b>0105</b> Male Connector  p. G18</p>	<p><b>0109</b> Male Elbow  p. G20</p>	<p><b>0108</b> Male Branch Tee  p. G21</p>	<p><b>0103</b> Male Run Tee  p. G22</p>	<p><b>Male BSPP to Female BSPP</b></p>	<p><b>0168</b> Reducer  p. G26</p>	
<p><b>Metric Tube to BSPP</b></p>	<p><b>0101</b> Male Elbow  p. G19</p>	<p><b>0199</b> Male Elbow  p. G21</p>	<p><b>Metric Tube to Metric Straight Thread</b></p>	<p><b>0101</b> Male Connector  p. G18</p>	<p><b>Metric Tube to Female BSPP</b></p>	<p><b>0114</b> Female Connector  p. G20</p>	
<p><b>Metric Tube to Metric Tube</b></p>	<p><b>0106</b> Union  p. G23</p>	<p><b>0113</b> Union  p. G24</p>	<p><b>0102</b> Union Elbow  p. G24</p>	<p><b>0104</b> Union Tee  p. G24</p>	<p><b>0142</b> Union Y  p. G25</p>	<p><b>0107</b> Union Cross  p. G25</p>	
<p><b>Metric Bulkhead Union</b></p>	<p><b>0116</b> Bulkhead Union  p. G24</p>	<p><b>Metric Banjo</b></p>	<p><b>0118</b> Single Banjo  p. G22</p>	<p><b>0119</b> Double Banjo  p. G23</p>			



# Compression Fittings

Parker's Compression Fittings provide users with an economical choice with numerous connection options for a wide variety of tube materials without the need for flaring, soldering or other tube preparation necessary to assemble.

## Product Features:

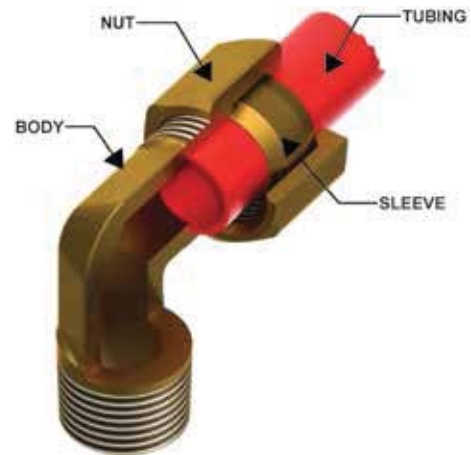
- Meets functional requirements of SAE J-512
- UL Listed for flammable liquid
- Brass or acetal sleeve available
- No tube preparation
- Forged and extruded shapes

## Markets:

- Industrial
- Packaging
- Pneumatic
- Printing

## Applications:

- Air lines
- Lubrication Lines
- Cooling lines
- Industry
- Machinery
- Compressors
- Fluid transfer



## Specifications:

<b>Pressure Range</b>	1/8, 3/16	400 psi
	1/4, 5/16	300 psi
	3/8, 1/2	200 psi
	5/8	150 psi
	3/4	100 psi
	7/8	75 psi

**Temperature Range** -65° to +200°F

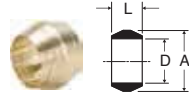
## Compatible Tubing:

- Copper
- Aluminum
- Thermoplastic tubing



### Sleeve 60C

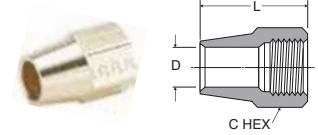
REF. SAE 060115



PART NO.	TUBE SIZE	A	D	L
60C-2	1/8	.187	.130	.19
60C-3	3/16	.266	.192	.22
60C-4	1/4	.344	.255	.25
60C-5	5/16	.406	.318	.25
60C-6	3/8	.469	.382	.25
60C-7	7/16	.531	.444	.31
60C-8	1/2	.594	.507	.38
60C-10	5/8	.719	.632	.38
60C-12	3/4	.875	.758	.44
60C-14	7/8	1.000	.883	.41

### Long Nut 61CL

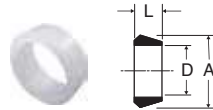
REF. SAE 060111



PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	D	L
61CL-4	1/4	7/16-24	1/2	.255	.75
61CL-5	5/16	1/2-24	9/16	.318	.84
61CL-6	3/8	9/16-24	5/8	.382	.97
61CL-8	1/2	11/16-20	13/16	.507	1.06
61CL-10	5/8	13/16-18	15/16	.632	1.19
61CL-12	3/4	1-18	1-3/16	.758	1.38

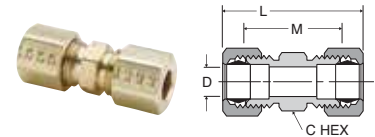
### Acetal Sleeve 60PT

PART NO.	PLASTIC TUBE WALL	TUBE WALL	A	D	L
60PT-4	1/4	.040	.375	.254	.19
60PT-5	5/16	.062	.438	.317	.19
60PT-6	3/8	.062	.500	.379	.19
60PT-8	1/2	.062	.631	.507	.25
60PT-10	5/8	.062	.747	.632	.22



### Union 62C

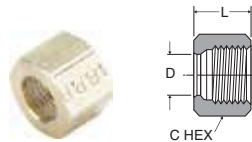
REF. SAE 060101 BA



PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	L	M	FLOW DIA. D
62C-2	1/8	5/16-24	5/16	1.05	.64	.094
62C-3	3/16	3/8-24	3/8	1.21	.72	.125
62C-4	1/4	7/16-24	7/16	1.33	.79	.188
62C-5	5/16	1/2-24	1/2	1.39	.85	.250
62C-6	3/8	9/16-24	9/16	1.52	.97	.312
62C-7	7/16	5/8-24	5/8	1.70	1.02	.312
62C-8	1/2	11/16-20	11/16	1.90	1.08	.406
62C-10	5/8	13/16-18	13/16	2.06	1.23	.500
62C-12	3/4	1-18	1	2.37	1.41	.562
62C-14	7/8	1-1/8-18	1-1/8	2.07	1.19	.766

### Nut 61C

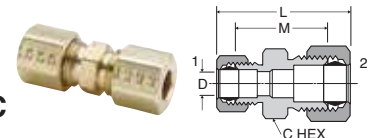
REF. SAE 060110



PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	D	L
61C-2	1/8	5/16-24	3/8	.130	.38
61C-3	3/16	3/8-24	7/16	.192	.41
61C-4	1/4	7/16-24	1/2	.255	.44
61C-5	5/16	1/2-24	9/16	.318	.44
61C-6	3/8	9/16-24	5/8	.382	.47
61C-7	7/16	5/8-24	11/16	.444	.50
61C-8	1/2	11/16-20	13/16	.507	.62
61C-10	5/8	13/16-18	15/16	.632	.62
61C-12	3/4	1-18	1-3/16	.758	.69
61C-14	7/8	1-1/8-18	1-1/4	.890	.62

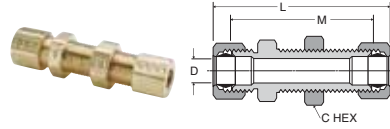
### Union Reducers 62C

REF. SAE 060101 BA



PART NO.	1 TUBE SIZE	2 TUBE SIZE	1 STRAIGHT THREAD	2 STRAIGHT THREAD	C HEX	L	M	FLOW DIA. D
62C-4-3	3/16	1/4	3/8-24	7/16-24	7/16	1.29	.78	.125
62C-6-4	1/4	3/8	7/16-24	9/16-24	9/16	1.46	.91	.188
62C-8-6	3/8	1/2	9/16-24	11/16-20	11/16	1.71	1.03	.312
62C-10-6	3/8	5/8	9/16-24	13/16-18	13/16	1.82	1.13	.312

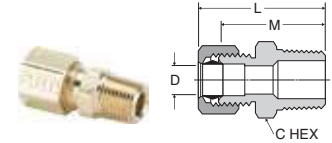
### Bulkhead Union 62CBH



PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	L	M	BULKHEAD HOLE DIA.	FLOW DIA. D
62CBH-4	1/4	7/16-24	9/16	2.29	1.75	7/16	.188
62CBH-6	3/8	9/16-24	11/16	2.42	1.88	9/16	.312

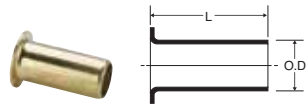
### Male Connector 68C

REF. SAE 060102 BA



PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	C HEX	L	M	FLOW DIA. D
68C-2-1	1/8	1/16	5/16-24	3/8	.99	.78	.095
68C-2-2	1/8	1/8	5/16-24	7/16	.97	.77	.094
68C-3-1	3/16	1/16	3/8-24	3/8	1.08	.84	.125
68C-3-2	3/16	1/8	3/8-24	7/16	1.08	.84	.125
68C-3-4	3/16	1/4	3/8-24	9/16	1.27	1.03	.125
68C-4-2	1/4	1/8	7/16-24	7/16	1.10	.86	.188
68C-4-4	1/4	1/4	7/16-24	9/16	1.30	1.06	.188
68C-4-6	1/4	3/8	7/16-24	11/16	1.27	1.03	.188
68C-4-8	1/4	1/2	7/16-24	7/8	1.55	1.31	.188
68C-5-2	5/16	1/8	1/2-24	1/2	1.15	.89	.234
68C-5-4	5/16	1/4	1/2-24	9/16	1.33	1.07	.250
68C-6-2	3/8	1/8	9/16-24	9/16	1.25	.97	.250
68C-6-4	3/8	1/4	9/16-24	9/16	1.42	1.14	.312
68C-6-6	3/8	3/8	9/16-24	11/16	1.44	1.16	.312
68C-6-8	3/8	1/2	9/16-24	7/8	1.53	1.25	.312
68C-7-4	7/16	1/4	5/8-24	5/8	1.50	1.17	.312
68C-8-4	1/2	1/4	11/16-20	11/16	1.60	1.20	.312
68C-8-6	1/2	3/8	11/16-20	11/16	1.60	1.20	.406
68C-8-8	1/2	1/2	11/16-20	7/8	1.71	1.31	.406
68C-10-6	5/8	3/8	13/16-18	13/16	1.73	1.31	.406
68C-10-8	5/8	1/2	13/16-18	7/8	1.90	1.48	.500
68C-10-12	5/8	3/4	13/16-18	1-1/16	1.98	1.56	.500
68C-12-8	3/4	1/2	1-18	1	2.05	1.60	.562
68C-12-12	3/4	3/4	1-18	1-1/16	2.08	1.63	.656
68C-14-12	7/8	3/4	1-1/8-18	1-1/8	1.76	1.41	.750

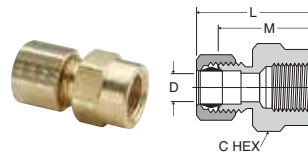
### Brass Insert 63PT



PART NO.	TUBE O. D.	TUBE WALL	L	O. D.
63PT-2-16	1/8	.016	.46	.080
63PT-2-23	1/8	.023	.45	.073
63PT-3-25	3/16	.025	.45	.135
63PT-3-40	3/16	.040	.52	.095
63PT-4-40	1/4	.040	.50	.163
63PT-4-62	1/4	.062	.33	.110
63PT-5-40	5/16	.040	.50	.232
63PT-5-62	5/16	.062	.53	.187
63PT-6-62	3/8	.062	.56	.250
63PT-8-62	1/2	.062	.72	.370
63PT-10-62	5/8	.062	.72	.483

### Female Connector 66C

REF. SAE 060103 BA

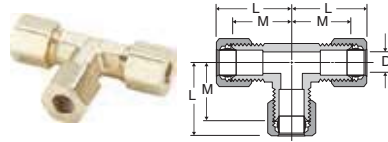


PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	C HEX	L	M	FLOW DIA. D
66C-2-2	1/8	1/8	5/16-24	9/16	.95	.75	.094
66C-3-2	3/16	1/8	3/8-24	9/16	1.02	.78	.125
66C-3-4	3/16	1/4	3/8-24	11/16	1.20	.96	.125
66C-4-2	1/4	1/8	7/16-24	9/16	1.02	.78	.188
66C-4-4	1/4	1/4	7/16-24	11/16	1.24	1.00	.188
66C-5-2	5/16	1/8	1/2-24	9/16	1.07	.81	.250
66C-5-4	5/16	1/4	1/2-24	11/16	1.29	1.03	.250
66C-6-2	3/8	1/8	9/16-24	9/16	1.06	.78	.312
66C-6-4	3/8	1/4	9/16-24	11/16	1.34	1.06	.312
66C-6-6	3/8	3/8	9/16-24	13/16	1.34	1.06	.312
66C-6-8	3/8	1/2	9/16-24	1	1.54	1.27	.312
66C-7-6	7/16	3/8	5/8-24	13/16	1.43	1.09	.312
66C-8-4	1/2	1/4	11/16-20	11/16	1.49	1.09	.406
66C-8-6	1/2	3/8	11/16-20	13/16	1.52	1.12	.406
66C-8-8	1/2	1/2	11/16-20	1	1.71	1.31	.406
66C-10-8	5/8	1/2	13/16-18	1	1.80	1.38	.500



### Union Tee 164C-264C

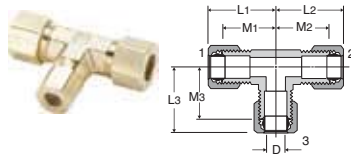
REF. SAE 060401 BA



PART NO.	TUBE SIZE	STRAIGHT THREAD	L	M	FLOW DIA. D
164C-2	1/8	5/16-24	.82	.61	.094
264C-3	3/16	3/8-24	.84	.60	.125
164C-4	1/4	7/16-24	.86	.63	.188
264C-4	1/4	7/16-24	.84	.60	.188
164C-5	5/16	1/2-24	.98	.71	.250
164C-6	3/8	9/16-24	1.03	.74	.312
164C-8	1/2	11/16-20	1.34	.93	.406
164C-10	5/8	13/16-18	1.54	1.08	.500
164C-12	3/4	1.00-18	1.65	1.17	.563

### Union Tee 164C-264C Combination Sizes

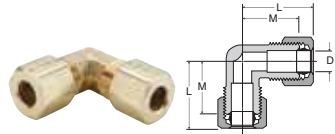
REF. SAE 060401 BA



PART NO.	1 TUBE SIZE	2 TUBE SIZE	3 TUBE SIZE	L1	L2	L3	M1	M2	M3	FLOW DIA. D
164C-6-4-4	3/8	1/4	1/4	1.03	.96	.96	.75	.72	.72	.188
164C-6-6-4	3/8	3/8	1/4	1.03	.96	.96	.75	.75	.72	.188
164C-8-8-6	1/2	1/2	3/8	1.34	1.16	1.16	.94	.94	.88	.312

### Union Elbow 165C-265C

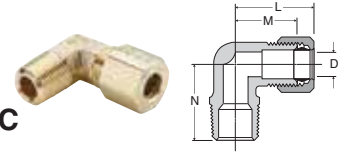
REF. SAE 060201 BA



PART NO.	TUBE SIZE	STRAIGHT THREAD	L	M	FLOW DIA. D
165C-2	1/8	5/16-24	.82	.61	.094
165C-3	3/16	3/8-24	.87	.61	.125
165C-4	1/4	7/16-24	.88	.61	.188
265C-4	1/4	7/16-24	.84	.60	.188
165C-5	5/16	1/2-24	.95	.71	.250
165C-6	3/8	9/16-24	1.03	.74	.312
165C-7	7/16	5/8-24	1.16	.82	.312
165C-8	1/2	11/16-20	1.34	.93	.406
165C-10	5/8	13/16-18	1.48	1.05	.500
165C-12	3/4	1-18	1.65	1.17	.563

### Male Elbow 169C-269C

REF. SAE 060202 BA

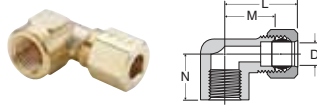


PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA. D
169C-2-1	1/8	1/16	5/16-24	.81	.60	.67	.095
269C-2-2	1/8	1/8	5/16-24	.80	.60	.67	.094
169C-3-1	3/16	1/16	3/8-24	.85	.61	.67	.126
169C-3-2	3/16	1/8	3/8-24	.84	.61	.69	.125
269C-3-2	3/16	1/8	3/8-24	.84	.60	.67	.125
169C-3-4	3/16	1/4	3/8-24	.86	.64	.93	.125
169C-4-2	1/4	1/8	7/16-24	.86	.61	.74	.188
269C-4-2	1/4	1/8	7/16-24	.84	.60	.73	.188
169C-4-4	1/4	1/4	7/16-24	.86	.62	.94	.188
269C-4-4	1/4	1/4	7/16-24	.84	.60	.79	.188
169C-4-6	1/4	3/8	7/16-24	.93	.68	1.00	.188
169C-5-2*	5/16	1/8	1/2-24	.88	.61	.74	.234
269C-5-2*	5/16	1/8	1/2-24	.86	.60	.73	.250
169C-5-4	5/16	1/4	1/2-24	.95	.71	.93	.250
269C-5-4	5/16	1/4	1/2-24	.93	.67	.82	.250
169C-5-6	5/16	3/8	1/2-24	1.01	.75	1.00	.250
169C-6-2*	3/8	1/8	9/16-24	1.03	.74	.74	.234
269C-6-2*	3/8	1/8	9/16-24	.97	.69	.75	.220
169C-6-4	3/8	1/4	9/16-24	1.03	.74	.93	.312
269C-6-4	3/8	1/4	9/16-24	1.01	.73	.92	.312
169C-6-6	3/8	3/8	9/16-24	1.03	.75	1.00	.312
269C-6-6	3/8	3/8	9/16-24	1.12	.84	.97	.312
169C-6-8	3/8	1/2	9/16-24	1.22	.94	1.27	.312
269C-7-6	7/16	3/8	5/8-24	1.16	.82	.98	.312
169C-8-4*	1/2	1/4	11/16-20	1.34	.94	1.00	.312
169C-8-6	1/2	3/8	11/16-20	1.34	.93	1.11	.406
169C-8-8	1/2	1/2	11/16-20	1.48	1.00	1.37	.406
169C-10-8	5/8	1/2	13/16-18	1.48	1.06	1.31	.500
169C-12-8	3/4	1/2	1-18	1.64	1.18	1.49	.562
169C-12-12	3/4	3/4	1-18	1.70	1.27	1.58	.562

\* For these parts the pipe thread through hole is smaller than the through hole on the flare end.

### Female Elbow 170C-270C

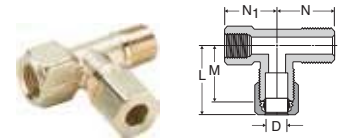
REF. SAE 060203 BA



PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA. D
170C-2-2	1/8	1/8	5/16-24	.89	.69	.56	.094
170C-3-2	3/16	1/8	3/8-24	.98	.69	.56	.125
170C-4-2	1/4	1/8	7/16-24	.93	.69	.56	.188
270C-4-2	1/4	1/8	7/16-24	.91	.67	.54	.188
170C-4-4	1/4	1/4	7/16-24	1.02	.78	.67	.188
170C-6-4	3/8	1/4	9/16-24	1.06	.79	.73	.312
170C-6-6	3/8	3/8	9/16-24	1.22	.89	.69	.312
170C-7-4	7/16	1/4	5/8-24	1.27	.93	.73	.312
170C-8-6	1/2	3/8	11/16-20	1.34	1.00	.69	.406
170C-8-8	1/2	1/2	11/16-20	1.56	1.15	.97	.408
170C-12-12	3/4	3/4	1-18	2.06	1.58	1.58	.563

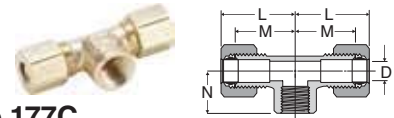
### Adapter Tee 176C

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	N1	FLOW DIA. D
176C-4-2	1/4	1/8	7/16-24	.93	.69	.75	.66	.188



### Female Branch Tee 177C

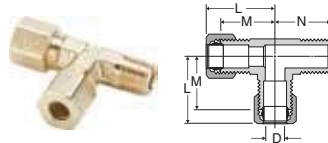
PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA. D
177C-4-2	1/4	1/8	7/16-24	.86	.63	.53	.188



### Male Run Tee 171C

REF. SAE 060424 BA

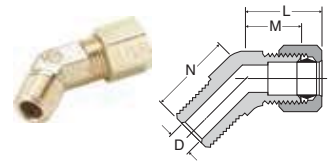
PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA. D
171C-2-2	1/8	1/8	5/16-24	.82	.61	.67	.094
171C-3-2	3/16	1/8	3/8-24	.86	.61	.67	.125
171C-4-2	1/4	1/8	7/16-24	.90	.64	.75	.188
171C-4-4	1/4	1/4	7/16-24	.93	.69	.92	.188
171C-6-4	3/8	1/4	9/16-24	1.09	.81	1.03	.312



### 45° Elbow 179C

Compression to male pipe

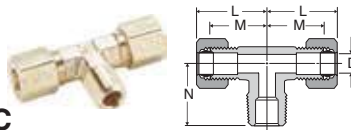
PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA. D
179C-4-2	1/4	1/8	7/16-24	.90	.66	.56	.188
179C-4-4	1/4	1/4	7/16-24	.80	.56	.84	.188
179C-6-2	3/8	1/8	9/16-24	.90	.63	.65	.234
179C-6-4	3/8	1/4	9/16-24	.90	.63	.84	.312
179C-6-6	3/8	3/8	9/16-24	.97	.75	.95	.312
179C-8-6	1/2	3/8	11/16-24	1.15	.81	.95	.406



### Male Branch Tee 172C

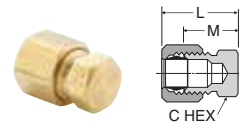
REF. SAE 060425 BA

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA. D
172C-2-2	1/8	1/8	5/16-24	.82	.61	.67	.094
172C-3-2	3/16	1/8	3/8-24	.86	.61	.67	.125
172C-4-2	1/4	1/8	7/16-24	.86	.61	.74	.188
172C-4-4	1/4	1/4	7/16-24	.93	.69	.92	.188
172C-6-2	3/8	1/8	9/16-24	1.03	.75	.75	.234
172C-6-4	3/8	1/4	9/16-24	1.09	.77	.92	.312
172C-6-6	3/8	3/8	9/16-24	1.09	.81	1.00	.312
172C-8-6	1/2	3/8	11/16-20	1.34	.93	1.10	.406



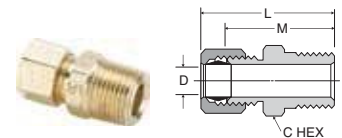
### Seal Plug 639C

PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	L	M
639C-4	1/4	7/16-24	7/16	.74	.50



### Straight Through Tank Fitting 682C

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	C HEX	L	M	FLOW DIA. D
682C-3-2	3/16	1/8	3/8-24	7/16	1.06	0.84	.195
682C-6-6	3/8	3/8	9/16-24	11/16	1.44	1.16	.387
682C-8-8	1/2	1/2	11/16-20	7/8	1.90	1.31	.516





# Compress-Align® Fittings

Parker's Compress-Align Fittings are pre-assembled with a captive sleeve, always oriented for a faster installation. The design of the captive sleeve aligns to seal even out-of-round tubing.

## Product Features:

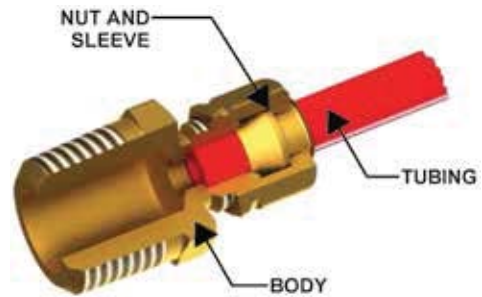
- Self-aligning captive sleeve
- 2-piece fitting – Less inventory
- Visible inspection before and after installation
- 1/8" – 1" Sizes
- No flaring, soldering or other tube preparation
- Forged and extruded shapes

## Markets:

- Industrial
- Packaging
- Pneumatic
- Printing
- Chemical

## Applications:

- Air lines
- Lubrication Lines
- Cooling lines
- Industry
- Machinery
- Chemical Dispensing
- Compressors
- Fluid transfer



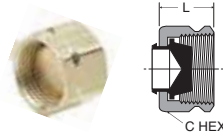
## Specifications:

	1/8	2800 psi	1/2	750 psi
	3/16	1900 psi	5/8	650 psi
<b>Pressure Range</b>	1/4	1400 psi	3/4	550 psi
	5/16	1200 psi	7/8	450 psi
	3/8	1000 psi	1	350 psi

**Temperature Range** -65° to +200°F

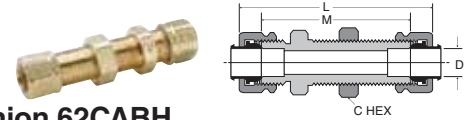
## Compatible Tubing:

- Copper, Aluminum
- Thermoplastic tubing
- TFE, FEA, PFA



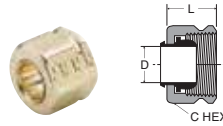
### Plug 59CA

PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	L
59CA-4	1/4	7/16-24	1/2	.40
59CA-6	3/8	9/16-24	5/8	.45
59CA-8	1/2	11/16-20	13/16	.50



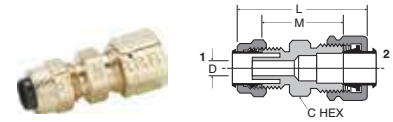
### Bulkhead Union 62CABH

PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	L	M	BULKHEAD HOLE DIA.	FLOW DIA. D
62CABH-4	1/4	7/16-24	9/16	2.22	1.75	7/16	.188
62CABH-6	3/8	9/16-24	11/16	2.32	1.88	9/16	.312



### Nut and Sleeve Assembly 61CA

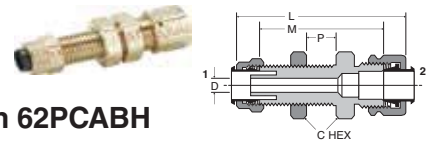
PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	D	L
61CA-2	1/8	5/16-24	3/8	.130	.36
61CA-3	3/16	3/8-24	7/16	.194	.38
61CA-4	1/4	7/16-24	1/2	.255	.40
61CA-5	5/16	1/2-24	9/16	.318	.45
61CA-6	3/8	9/16-24	5/8	.382	.45
61CA-8	1/2	11/16-20	13/16	.507	.50
61CA-10	5/8	13/16-18	15/16	.632	.53
61CA-12	3/4	1-18	1-3/16	.760	.56
61CA-14	7/8	1-1/8-18	1-3/8	.885	.68
61CA-16	1	1-1/4-18	1-1/2	1.012	.63



### Union 62PCA

(Poly-Tite to Compress-Align)

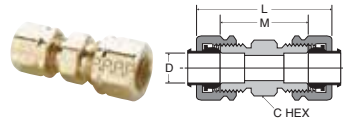
PART NO.	TUBE SIZE	1 STRAIGHT THREAD	2 STRAIGHT THREAD	C HEX	L	M	FLOW DIA. D
62PCA-4	1/4	3/8-24	7/16-24	7/16	1.24	.89	.125
62PCA-5	5/16	7/16-24	1/2-24	1/2	1.26	.92	.144
62PCA-6	3/8	1/2-24	9/16-24	9/16	1.32	.98	.204



### Bulkhead Union 62PCABH

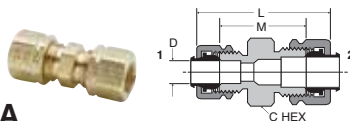
(Poly-Tite to Compress-Align)

PART NO.	TUBE SIZE	1 STR THD	2 STR THD	C HEX	P MAX	L	M	FLOW BKHD DIA.	FLOW DIA. D
62PCABH-4	1/4	3/8-24	7/16-24	9/16	.38	1.80	1.45	3/8	.125
62PCABH-6	3/8	1/2-24	9/16-24	11/16	.47	1.98	1.64	1/2	.204



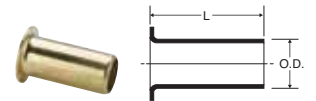
### Union 62CA

PART NO.	SIZE	STRAIGHT THREAD	C HEX	L	M	FLOW DIA. D
62CA-2	1/8	5/16-24	5/16	1.12	.64	.094
62CA-3	3/16	3/8-24	3/8	1.19	.72	.125
62CA-4	1/4	7/16-24	7/16	1.26	.79	.188
62CA-5	5/16	1/2-24	1/2	1.32	.85	.250
62CA-6	3/8	9/16-24	9/16	1.42	.97	.312
62CA-8	1/2	11/16-20	11/16	1.53	1.08	.406
62CA-10	5/8	13/16-18	13/16	1.71	1.23	.500
62CA-12	3/4	1-18	1	2.20	1.41	.562
62CA-14	7/8	1-1/8-18	1-1/8	2.08	1.19	.766



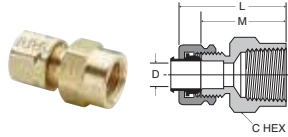
### Union Reducers 62CA

PART NO.	1 TUBE SIZE	2 TUBE SIZE	1 STRAIGHT THREAD	2 STRAIGHT THREAD	C HEX	L	M	FLOW DIA. D
62CA-4-3	3/16	1/4	3/8-24	7/16-24	7/16	1.25	.78	.125
62CA-6-4	1/4	3/8	7/16-24	9/16-24	9/16	1.37	.91	.188
62CA-8-6	3/8	1/2	9/16-24	11/16-20	11/16	1.48	1.03	.312
62CA-10-6	3/8	5/8	9/16-24	13/16-18	13/16	1.59	1.13	.312



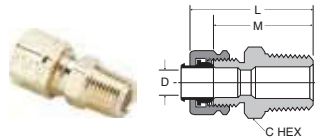
### Brass Insert 63PT

PART NO.	TUBE SIZE	TUBE WALL	L	O.D.
63PT-2-16	1/8	.016	.46	.080
63PT-2-23	1/8	.023	.45	.073
63PT-3-25	3/16	.025	.45	.135
63PT-3-40	3/16	.040	.52	.095
63PT-4-40	1/4	.040	.50	.163
63PT-4-62	1/4	.062	.33	.110
63PT-5-40	5/16	.040	.50	.232
63PT-5-62	5/16	.062	.53	.187
63PT-6-62	3/8	.062	.56	.250
63PT-8-62	1/2	.062	.72	.370
63PT-10-62	5/8	.062	.72	.483



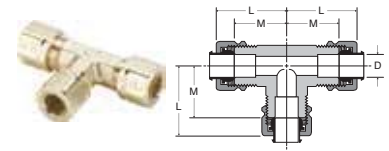
### Female Connector 66CA

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	C HEX	L	M	FLOW DIA. D
66CA-2-2	1/8	1/8	5/16-24	9/16	.99	.75	.094
66CA-3-2	3/16	1/8	3/8-24	9/16	1.01	.78	.125
66CA-3-4	3/16	1/4	3/8-24	11/16	1.19	.96	.125
66CA-4-2	1/4	1/8	7/16-24	9/16	1.02	.78	.188
66CA-4-4	1/4	1/4	7/16-24	11/16	1.24	1.00	.188
66CA-5-2	5/16	1/8	1/2-24	9/16	1.05	.81	.250
66CA-5-4	5/16	1/4	1/2-24	11/16	1.27	1.03	.250
66CA-6-2	3/8	1/8	9/16-24	9/16	1.00	.78	.312
66CA-6-4	3/8	1/4	9/16-24	11/16	1.28	1.06	.312
66CA-6-6	3/8	3/8	9/16-24	13/16	1.29	1.06	.312
66CA-6-8	3/8	1/2	9/16-24	1	1.49	1.27	.312
66CA-8-4	1/2	1/4	11/16-20	11/16	1.32	1.09	.406
66CA-8-6	1/2	3/8	11/16-20	13/16	1.35	1.12	.406
66CA-8-8	1/2	1/2	11/16-20	1	1.54	1.31	.406
66CA-10-8	5/8	1/2	13/16-18	1	1.62	1.38	.500



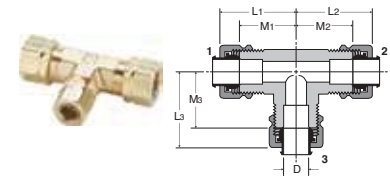
### Male Connector 68CA

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	C HEX	L	M	FLOW DIA. D
68CA-2-1	1/8	1/16	5/16-24	3/8	1.02	.78	.095
68CA-2-2	1/8	1/8	5/16-24	7/16	1.01	.77	.094
68CA-3-1	3/16	1/16	3/8-24	3/8	1.07	.84	.125
68CA-3-2	3/16	1/8	3/8-24	7/16	1.07	.84	.125
68CA-3-4	3/16	1/4	3/8-24	9/16	1.26	1.03	.125
68CA-4-2	1/4	1/8	7/16-24	7/16	1.10	.86	.188
68CA-4-4	1/4	1/4	7/16-24	9/16	1.31	1.06	.188
68CA-4-6	1/4	3/8	7/16-24	11/16	1.28	1.03	.188
68CA-4-8	1/4	1/2	7/16-24	7/8	1.56	1.31	.188
68CA-5-2	5/16	1/8	1/2-24	1/2	1.13	.89	.234
68CA-5-4	5/16	1/4	1/2-24	9/16	1.35	1.07	.250
68CA-6-2	3/8	1/8	9/16-24	9/16	1.19	.97	.250
68CA-6-4	3/8	1/4	9/16-24	9/16	1.36	1.14	.312
68CA-6-6	3/8	3/8	9/16-24	11/16	1.43	1.16	.312
68CA-6-8	3/8	1/2	9/16-24	7/8	1.52	1.25	.312
68CA-8-4	1/2	1/4	11/16-20	11/16	1.45	1.22	.312
68CA-8-6	1/2	3/8	11/16-20	11/16	1.43	1.20	.406
68CA-8-8	1/2	1/2	11/16-20	7/8	1.54	1.31	.406
68CA-10-6	5/8	3/8	13/16-18	13/16	1.55	1.31	.406
68CA-10-8	5/8	1/2	13/16-18	7/8	1.72	1.48	.500
68CA-10-12	5/8	3/4	13/16-18	1-1/16	1.80	1.56	.500
68CA-12-8	3/4	1/2	1-18	1	1.99	1.60	.562
68CA-12-12	3/4	3/4	1-18	1-1/16	2.02	1.63	.656
68CA-14-12	7/8	3/4	1-1/8-18	1-1/8	1.85	1.41	.750
68CA-16-12	1	3/4	1-1/4-18	1-1/4	1.83	1.39	.750
68CA-16-16	1	1	1-1/4-18	1-3/8	2.02	1.58	.875



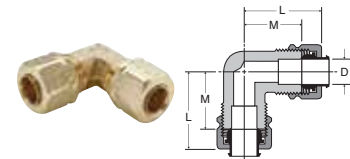
### Union Tee 164CA-264CA

PART NO.	TUBE SIZE	STRAIGHT THREAD	L	M	FLOW DIA. D
164CA-2	1/8	5/16-24	.84	.61	.093
264CA-3	3/16	3/8-24	.83	.60	.125
164CA-4	1/4	7/16-24	.84	.63	.188
264CA-4	1/4	7/16-24	.84	.60	.188
164CA-5	5/16	1/2-24	.95	.71	.250
164CA-6	3/8	9/16-24	.96	.74	.312
164CA-8	1/2	11/16-20	1.15	.93	.406
164CA-10	5/8	13/16-18	1.32	1.08	.500
164CA-12	3/4	1.00-18	1.56	1.17	.562



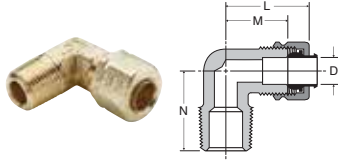
### Union Tee 164CA combination sizes

PART NO.	1 TUBE SIZE	2 TUBE SIZE	3 TUBE SIZE	L1	L2	L3	M1	M2	M3	FLOW DIA. D
164CA-6-4-4	3/8	1/4	1/4	.97	.96	.96	.75	.72	.72	.188
164CA-6-6-4	3/8	3/8	1/4	.97	.97	.96	.75	.75	.72	.188
164CA-8-8-6	1/2	1/2	3/8	1.17	1.17	1.10	.94	.94	.88	.312



### Union Elbow 165CA-265CA

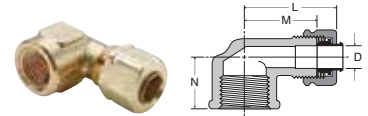
PART NO.	TUBE SIZE	STRAIGHT THREAD	L	M	FLOW DIA. D
165CA-2	1/8	5/16-24	.84	.61	.094
165CA-3	3/16	3/8-24	.84	.61	.125
165CA-4	1/4	7/16-24	.84	.61	.188
265CA-4	1/4	7/16-24	.84	.60	.188
165CA-5	5/16	1/2-24	.94	.71	.250
165CA-6	3/8	9/16-24	.96	.74	.312
165CA-8	1/2	11/16-20	1.15	.93	.406
165CA-10	5/8	13/16-18	1.29	1.05	.500
165CA-12	3/4	1-18	1.56	1.17	.562
165CA-16	1	1-1/4-18	1.63	1.19	.877



### Male Elbow 169CA-269CA

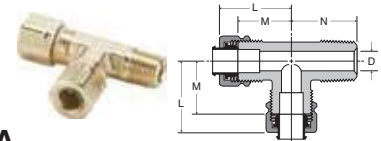
PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA. D
169CA-2-1	1/8	1/16	5/16-24	.84	.60	.67	.095
269CA-2-2	1/8	1/8	5/16-24	.84	.60	.67	.094
169CA-3-1	3/16	1/16	3/8-24	.84	.61	.67	.126
169CA-3-2	3/16	1/8	3/8-24	.84	.61	.69	.125
269CA-3-2	3/16	1/8	3/8-24	.83	.60	.67	.125
169CA-3-4	3/16	1/4	3/8-24	.87	.64	.93	.125
169CA-4-2	1/4	1/8	7/16-24	.84	.61	.74	.188
269CA-4-2	1/4	1/8	7/16-24	.84	.60	.73	.188
169CA-4-4	1/4	1/4	7/16-24	.86	.62	.94	.188
269CA-4-4	1/4	1/4	7/16-24	.84	.60	.79	.188
169CA-4-6	1/4	3/8	7/16-24	.92	.68	1.00	.188
169CA-5-2 *	5/16	1/8	1/2-24	.84	.61	.74	.234
269CA-5-2 *	5/16	1/8	1/2-24	.84	.60	.73	.250
169CA-5-4	5/16	1/4	1/2-24	.94	.71	.93	.250
269CA-5-4	5/16	1/4	1/2-24	.91	.67	.82	.250
169CA-5-6	5/16	3/8	1/2-24	.99	.75	1.00	.250
169CA-6-2 *	3/8	1/8	9/16-24	.96	.74	.74	.234
269CA-6-2 *	3/8	1/8	9/16-24	.96	.69	.75	.220
169CA-6-4	3/8	1/4	9/16-24	.96	.74	.93	.312
269CA-6-4	3/8	1/4	9/16-24	.95	.73	.92	.312
169CA-6-6	3/8	3/8	9/16-24	.97	.75	1.00	.312
269CA-6-6	3/8	3/8	9/16-24	1.06	.84	.97	.312
169CA-6-8	3/8	1/2	9/16-24	1.16	.94	1.27	.312
169CA-8-4 *	1/2	1/4	11/16-20	1.17	.94	1.00	.312
169CA-8-6	1/2	3/8	11/16-20	1.15	.93	1.11	.406
169CA-8-8	1/2	1/2	11/16-20	1.23	1.00	1.37	.406
169CA-10-6 *	5/8	3/8	13/16-18	1.30	1.06	1.15	.406
169CA-10-8	5/8	1/2	13/16-18	1.30	1.06	1.31	.500
169CA-12-8	3/4	1/2	1-18	1.57	1.18	1.49	.562
169CA-12-12	3/4	3/4	1-18	1.66	1.27	1.58	.562
169CA-16-12 *	1	3/4	1-1/4-18	1.63	1.19	1.60	.875

\* For these parts the pipe thread through hole is smaller than the through hole on the tube end.



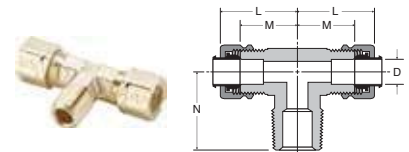
### Female Elbow 170CA-270CA

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA. D
170CA-2-2	1/8	1/8	5/16-24	.93	.69	.56	.094
170CA-3-2	3/16	1/8	3/8-24	.98	.69	.56	.125
170CA-4-2	1/4	1/8	7/16-24	.98	.69	.56	.188
270CA-4-2	1/4	1/8	7/16-24	.91	.67	.54	.188
170CA-4-4	1/4	1/4	7/16-24	1.02	.78	.67	.188
170CA-6-4	3/8	1/4	9/16-24	1.09	.79	.73	.312
170CA-6-6	3/8	3/8	9/16-24	1.16	.89	.69	.312
170CA-8-6	1/2	3/8	11/16-20	1.23	1.00	.69	.406
170CA-8-8	1/2	1/2	11/16-20	1.38	1.15	.97	.408
170CA-12-12	3/4	3/4	1-18	1.97	1.58	1.58	.563



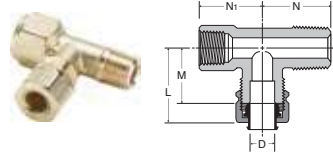
### Male Run Tee 171CA

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA. D
171CA-2-2	1/8	1/8	5/16-24	.84	.61	.67	.094
171CA-3-2	3/16	1/8	3/8-24	.83	.61	.67	.125
171CA-4-2	1/4	1/8	7/16-24	.88	.64	.75	.188
171CA-4-4	1/4	1/4	7/16-24	.93	.69	.92	.188
171CA-6-4	3/8	1/4	9/16-24	1.03	.81	1.03	.312



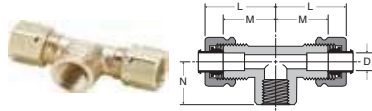
### Male Branch Tee 172CA

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA. D
172CA-2-2	1/8	1/8	5/16-24	.84	.61	.67	.093
172CA-3-2	3/16	1/8	3/8-24	.83	.61	.67	.125
172CA-4-2	1/4	1/8	7/16-24	.84	.61	.74	.188
172CA-4-4	1/4	1/4	7/16-24	.93	.69	.92	.188
172CA-6-2	3/8	1/8	9/16-24	.97	.75	.75	.234
172CA-6-4	3/8	1/4	9/16-24	.99	.77	.92	.312
172CA-6-6	3/8	3/8	9/16-24	1.07	.81	1.00	.312
172CA-8-6	1/2	3/8	11/16-20	1.15	.93	1.10	.406
172CA-12-12	3/4	3/4	1-18	1.67	1.27	1.50	.562



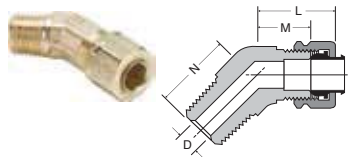
### Adapter Tee 176CA

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	N1	FLOW DIA. D
176CA-4-2	1/4	1/8	7/16-24	.92	.69	.75	.66	.188



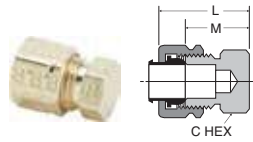
### Female Branch Tee 177CA

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA. D
177CA-4-2	1/4	1/8	7/16-24	.86	.63	.53	.188



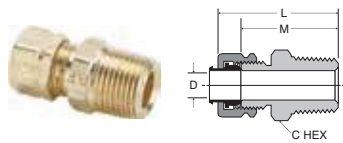
### 45° Elbow 179CA

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA. D
179CA-4-2	1/4	1/8	7/16-24	.89	.66	.56	.188
179CA-4-4	1/4	1/4	7/16-24	.80	.56	.84	.188
179CA-6-2	3/8	1/8	9/16-24	.85	.63	.65	.234
179CA-6-4	3/8	1/4	9/16-24	.85	.63	.84	.312
179CA-6-6	3/8	3/8	9/16-24	.97	.75	.95	.312
179CA-8-6	1/2	3/8	11/16-20	1.03	.81	.95	.406



### Seal Plug 639CA

PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	L	M
639CA-4	1/4	7/16-24	7/16	.74	.50



### Straight Through Tank Fitting 682CA

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	C HEX	L	M	FLOW DIA. D
682CA-3-2	3/16	1/8	3/8-24	7/16	1.07	.84	.194

# Brass Metric Compression



Parker's Metric Compression Fittings provide users with an economical choice with numerous connection options for a wide variety of tube materials without the need for flaring, soldering or other tube preparation necessary to assemble.

## Product Features:

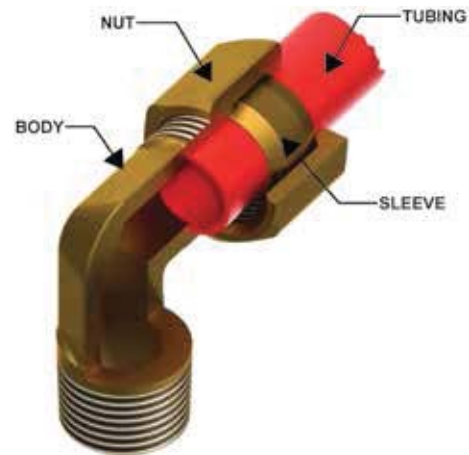
- 4mm – 28mm tube sizes
- NPT, BSPT, BSPP, Metric Threads
- NBR seal
- Silicone free

## Markets:

- Factory/Process Automation
- Automotive Process
- Packaging
- Pneumatic
- Printing

## Applications:

- Air lines
- Lubrication Lines
- Cooling lines
- Water
- Machinery
- Compressors
- Fluid transfer



## Specifications:

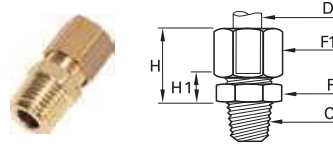
<b>Pressure Range</b>	4mm	3335 psi	14mm	652 psi
	6mm	2175 psi	16mm	580 psi
	8mm	1450 psi	18mm	536 psi
	10mm	1087 psi	20mm	507 psi
	12mm	797 psi	22mm	435 psi

**Temperature Range** -40° to +250 °F

## Compatible Tubing:

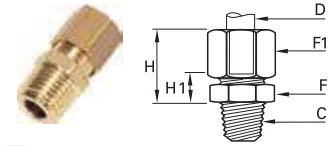
- Copper
- Aluminum
- Thermoplastic tubing





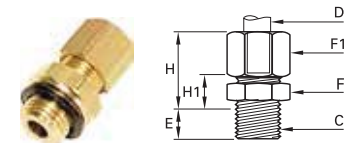
**0105 Male Connector BSPT**

PART NO.	OD	C	F	F1	H MAX	H1	KG
0105 04 10	4	R1/8	10	10	17	7	0.012
0105 05 10	5	R1/8	11	12	17.5	7.5	0.016
0105 05 13	5	R1/4	14	12	17.5	7.5	0.022
0105 06 10	6	R1/8	11	13	18	7.5	0.017
0105 06 13	6	R1/4	14	13	18	7.5	0.024
0105 06 17	6	R3/8	17	13	18	8.5	0.031
0105 08 10	8	R1/8	13	14	19.5	7	0.020
0105 08 13	8	R1/4	14	14	19.5	7	0.025
0105 08 17	8	R3/8	17	14	20.5	8	0.032
0105 10 10	10	R1/8	17	19	24	9	0.043
0105 10 13	10	R1/4	17	19	24	9	0.047
0105 10 17	10	R3/8	17	19	24	9	0.048
0105 10 21	10	R1/2	22	19	25	10	0.067
0105 12 13	12	R1/4	19	22	24	9	0.059
0105 12 17	12	R3/8	19	22	24	9	0.060
0105 12 21	12	R1/2	22	22	25	10	0.076
0105 14 13	14	R1/4	22	24	25	8	0.068
0105 14 17	14	R3/8	22	24	25	8	0.068
0105 14 21	14	R1/2	22	24	26	9	0.080
0105 14 27	14	R3/4	27	24	27	10	0.107
0105 15 17	15	R3/8	22	24	25	8	0.065
0105 15 21	15	R1/2	22	24	26	9	0.076
0105 16 13	16	R1/4	24	27	27	9.5	0.092
0105 16 17	16	R3/8	24	27	27	9.5	0.092
0105 16 21	16	R1/2	24	27	27	9.5	0.099
0105 16 27	16	R3/4	27	27	28	10.5	0.123
0105 18 21	18	R1/2	27	30	30	10.5	0.127
0105 18 27	18	R3/4	27	30	30	10.5	0.138
0105 20 21	20	R1/2	30	32	32	11	0.148
0105 20 27	20	R3/4	30	32	32	11	0.157
0105 22 21	22	R1/2	32	36	33	11	0.187
0105 22 27	22	R3/4	32	36	33	11	0.196
0105 22 34	22	R1	36	36	33	11	0.227
0105 25 27	25	R3/4	36	41	36	11	0.261
0105 25 34	25	R1	36	41	36	11	0.278
0105 28 27	28	R3/4	41	42	36	11	0.274
0105 28 34	28	R1	41	42	36	11	0.283



**0105 Male Connector NPT**

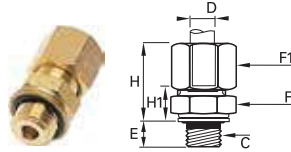
PART NO.	OD	C	F	F1	H MAX	H1	KG
0105 06 11	6	NPT1/8	11	13	18	7.5	0.018
0105 06 14	6	NPT1/4	14	13	18	7.5	0.027
0105 08 11	8	NPT1/8	13	14	21	7	0.021
0105 08 14	8	NPT1/4	14	14	18.5	7	0.026
0105 10 14	10	NPT1/4	17	19	24	9	0.048
0105 10 18	10	NPT3/8	17	19	24	9	0.048
0105 10 22	10	NPT1/2	22	19	25	10	0.066



**0101 Male Connector with Captive Sealing Washer Male BSPP**

PART NO.	OD	C	E	F	F1	H MAX	H1	KG
0101 04 19	4	M5X0.8	5	10	10	16.5	8	0.011
0101 04 10	4	G1/8	6.5	13	10	16.5	8	0.016
0101 05 10	5	G1/8	6.5	13	12	17.5	8.5	0.018
0101 06 10	6	G1/8	6.5	13	13	18	8.5	0.020
0101 06 13	6	G1/4	8	17	13	18	9.5	0.030
0101 08 10	8	G1/8	6.5	13	14	19	8.5	0.021
0101 08 13	8	G1/4	8	17	14	19.5	9	0.032
0101 08 17	8	G3/8	11	22	14	20	10.5	0.044
0101 10 13	10	G1/4	8	17	19	24	11	0.049
0101 10 17	10	G3/8	11	22	19	24	11.5	0.061
0101 12 13	12	G1/4	8	19	22	24	11	0.062
0101 12 17	12	G3/8	11	22	22	24	11.5	0.069
0101 12 21	12	G1/2	12	27	22	24	12	0.089
0101 14 17	14	G3/8	11	22	24	25	10.5	0.074
0101 14 21	14	G1/2	12	27	24	25	11	0.094
0101 15 17	15	G3/8	11	22	24	25	10.5	0.071
0101 15 21	15	G1/2	12	27	24	25	11	0.093
0101 16 17	16	G3/8	11	22	27	27	12	0.092
0101 16 21	16	G1/2	12	27	27	27	12.5	0.109
0101 18 21	18	G1/2	12	27	30	29.5	12.5	0.128
0101 18 27	18	G3/4	13	32	30	29.5	13	0.152
0101 20 27	20	G3/4	13	32	32	31	13	0.164
0101 22 27	22	G3/4	13	32	36	32	13	0.195
0101 22 34	22	G1	15	41	36	31	13.5	0.259
0101 25 27	25	G3/4	13	36	41	35.5	13	0.261
0101 25 34	25	G1	15	41	41	35.5	13	0.169
0101 28 34	28	G1	15	41	42	35.5	13.5	0.300

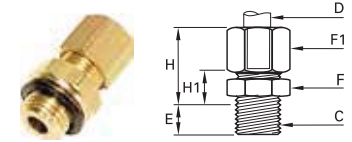
With pre-assembled captive polymer sealing washer



### 0101 Male Connector with Bi-Material Seal Male BSPP

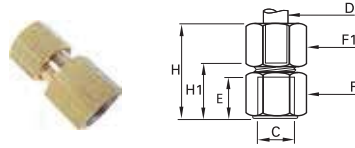
PART NO.	OD	C	E	F	F1	H MAX	H1	KG
0101 04 10 39	4	G1/8	5.5	13	10	17.5	9	0.016
0101 05 10 39	5	G1/8	5.5	13	12	18.5	9.5	0.019
0101 06 10 39	6	G1/8	5.5	13	13	19	9.5	0.020
0101 06 13 39	6	G1/4	7	17	13	19	10.5	0.030
0101 08 10 39	8	G1/8	5.5	13	14	20	9.5	0.022
0101 08 13 39	8	G1/4	7	17	14	20.5	10	0.032
0101 08 17 39	8	G3/8	9.5	22	14	21.5	12	0.045
0101 10 13 39	10	G1/4	7	17	19	25	12	0.048
0101 10 17 39	10	G3/8	9.5	22	19	25.5	13	0.062
0101 12 13 39	12	G1/4	7	19	22	25	12	0.063
0101 12 17 39	12	G3/8	9.5	22	22	25	13	0.071
0101 12 21 39	12	G1/2	10.5	27	22	25	13.5	0.091
0101 14 17 39	14	G3/8	9.5	22	24	26.5	12	0.075
0101 14 21 39	14	G1/2	10.5	27	24	26.5	12.5	0.095
0101 15 17 39	15	G3/8	9.5	22	24	26.5	12	0.073
0101 15 21 39	15	G1/2	10.5	27	24	26.5	12.5	0.095
0101 16 17 39	16	G3/8	9.5	22	27	28.5	13.5	0.092
0101 16 21 39	16	G1/2	10.5	27	27	28.5	14	0.111
0101 18 21 39	18	G1/2	10.5	27	30	31	14	0.129
0101 18 27 39	18	G3/4	11.5	32	30	31	14.5	0.155
0101 20 27 39	20	G3/4	11.5	32	32	32.5	14.5	0.164
0101 22 27 39	22	G3/4	11.5	32	36	32.5	14.5	0.197
0101 22 34 39	22	G1	13	41	36	33	15.5	0.259
0101 25 34 39	25	G1	13	41	41	37.5	15.5	0.309
0101 28 34 39	28	G1	13	41	42	37.5	15.5	0.301

Zinc plated steel with NBR seal



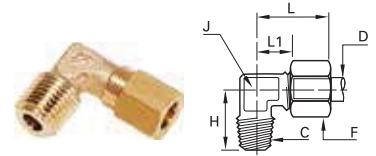
### 0101 Male Connector Metric Thread

PART NO.	OD	C	E	F	F1	H MAX	H1	KG
0101 04 55	4	M7X1	6.5	10	10	16.5	7.5	0.012
0101 04 56	4	M8X1	6.5	11	10	16.5	7.5	0.013
0101 05 56	5	M8X1	6.5	11	12	17.5	8	0.016
0101 05 60	5	M10X1	6.5	14	12	17.5	8.5	0.020
0101 06 60	6	M10X1	6.5	14	13	18	8.5	0.021
0101 06 62	6	M10X1.5	6.5	14	13	18	8.5	0.021
0101 08 65	8	M12X1	8	17	14	19.5	9	0.029
0101 08 66	8	M12X1.25	8	17	14	19.5	9	0.029
0101 08 68	8	M13X1.25	8	17	14	19.5	9	0.030
0101 10 70	10	M14X1.25	8	17	19	24	11	0.047
0101 10 71	10	M14X1.5	8	17	19	24	11	0.047
0101 10 74	10	M16X1.25	9	19	19	24	11	0.051
0101 10 75	10	M16X1.5	9	19	19	24	11	0.051
0101 10 78	10	M18X1.5	9	22	19	24	11.5	0.060
0101 12 74	12	M16X1.25	9	19	22	24	11	0.061
0101 12 75	12	M16X1.5	9	19	22	24	11	0.061
0101 12 78	12	M18X1.5	9	22	22	24	11.5	0.070
0101 14 78	14	M18X1.5	9	22	24	25	10.5	0.077
0101 14 80	14	M20X1.5	10	24	24	25	11	0.084
0101 15 78	15	M18X1.5	9	22	24	25	10.5	0.071
0101 16 80	16	M20X1.5	10	24	27	27	12.5	0.102
0101 16 82	16	M22X1.5	10	27	27	27	12.5	0.111
0101 18 82	18	M22X1.5	10	27	30	29.5	12.5	0.129
0101 18 83	18	M24X1.5	11	30	30	29.5	13	0.142



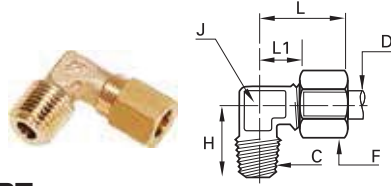
**0114 Female Connector BSPP**

PART NO.	OD	C	E	F	F1	H MAX	H1	KG
0114 04 10	4	G1/8	9.5	14	10	26	16.5	0.020
0114 04 13	4	G1/4	13.5	17	10	30	20.5	0.030
0114 05 10	5	G1/8	9.5	14	12	28	17	0.023
0114 05 13	5	G1/4	13.5	17	12	31	21	0.033
0114 06 10	6	G1/8	9.5	14	13	28	17	0.025
0114 06 13	6	G1/4	13.5	17	13	32	21	0.034
0114 06 17	6	G3/8	14	22	13	32	21.5	0.051
0114 08 10	8	G1/8	9.5	14	14	29	16.5	0.026
0114 08 13	8	G1/4	13.5	17	14	33	20.5	0.036
0114 08 17	8	G3/8	14	22	14	34	21	0.052
0114 10 13	10	G1/4	13.5	17	19	37	21.5	0.052
0114 10 17	10	G3/8	14	22	19	37	22	0.068
0114 10 21	10	G1/2	18.5	27	19	42	26.5	0.099
0114 12 13	12	G1/4	13.5	19	22	36	20.5	0.069
0114 12 17	12	G3/8	14	22	22	37	22	0.078
0114 12 21	12	G1/2	18.5	27	22	42	26.5	0.109
0114 14 13	14	G1/4	13.5	22	24	36	18.5	0.085
0114 14 17	14	G3/8	14	22	24	38	21	0.048
0114 14 21	14	G1/2	18.5	27	24	43	25.5	0.113
0114 15 17	15	G3/8	14	22	24	38	21	0.078
0114 15 21	15	G1/2	18.5	27	24	43	25.5	0.109
0114 16 13	16	G1/4	13.5	24	27	36	18	0.107
0114 16 17	16	G3/8	14	24	27	38	20.5	0.106
0114 16 21	16	G1/2	18.5	27	27	44	26	0.127
0114 18 17	18	G3/8	14	27	30	39	19.5	0.140
0114 18 21	18	G1/2	18.5	27	30	45	26	0.144
0114 18 27	18	G3/4	19.5	32	30	46	27	0.165
0114 20 17	20	G3/8	14	30	32	38	18	0.161
0114 20 21	20	G1/2	18.5	30	32	44.5	24	0.173
0114 20 27	20	G3/4	19.5	32	32	47	26.5	0.170
0114 22 27	22	G3/4	19.5	32	36	48	26.5	0.204
0114 25 27	25	G3/4	19.5	36	41	50.5	26	0.297



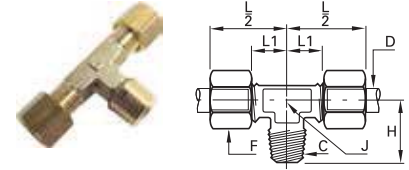
**0109 Male Elbow BSPT**

PART NO.	OD	C	F	H	J	L MAX	L1	KG
0109 04 10	4	R1/8	10	17	8	19	9.5	0.016
0109 04 13	4	R1/4	10	20	10	19	11	0.026
0109 05 10	5	R1/8	12	17.5	8	21	11	0.019
0109 05 13	5	R1/4	12	21.5	10	22	12	0.028
0109 06 10	6	R1/8	13	18	8	22	11	0.021
0109 06 13	6	R1/4	13	21.5	10	22	12	0.031
0109 08 10	8	R1/8	14	18.5	10	28	15	0.028
0109 08 13	8	R1/4	14	22	10	28	15	0.033
0109 08 17	8	R3/8	14	24	12	28	15	0.044
0109 10 13	10	R1/4	19	25	12	30	14.5	0.052
0109 10 17	10	R3/8	19	25.5	12	30	14.5	0.060
0109 10 21	10	R1/2	19	32	19	36	21	0.109
0109 12 13	12	R1/4	22	26	15	30	15	0.074
0109 12 17	12	R3/8	22	27	15	30	15	0.077
0109 12 21	12	R1/2	22	32	19	36	21	0.116
0109 14 17	14	R3/8	24	30	19	35	18	0.105
0109 14 21	14	R1/2	24	32	19	35	18	0.112
0109 15 17	15	R3/8	24	30	19	35	18	0.099
0109 15 21	15	R1/2	24	32	19	35	18	0.106
0109 16 17	16	R3/8	27	30	19	39	21	0.120
0109 16 21	16	R1/2	27	33.5	19	39	21	0.130
0109 16 27	16	R3/4	27	36.5	23	41	23	0.189
0109 18 21	18	R1/2	30	35.5	23	41	21.5	0.182
0109 18 27	18	R3/4	30	36.5	23	41	21.5	0.199
0109 20 21	20	R1/2	32	36.5	23	42	21.5	0.181
0109 20 27	20	R3/4	32	38	23	42	21.5	0.200
0109 22 27	22	R3/4	36	40	27	50	30	0.288
0109 22 34	22	R1	36	44	27	50	30	0.342
0109 25 27	25	R3/4	41	43	27	54	30	0.325
0109 25 34	25	R1	41	44	27	54	30	0.367
0109 28 27	28	R3/4	42	46	32	54	30	0.402
0109 28 34	28	R1	42	48	32	54	30	0.384



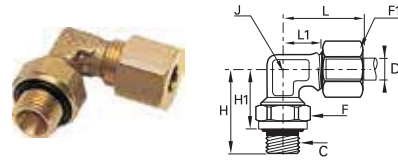
**0109 Male Elbow NPT**

PART NO.	OD	C	F	H	J	L MAX	L1	KG
0109 06 11	6	1/8	13	18	8	22	11	0.021
0109 06 14	6	1/4	13	21.5	10	22	12	0.030
0109 08 11	8	1/8	14	18.5	10	28	15	0.028
0109 08 14	8	1/4	14	22	10	28	15	0.033
0109 10 14	10	1/4	19	25	12	30	14.5	0.053



**0108 Male Branch Tee Male BSPT**

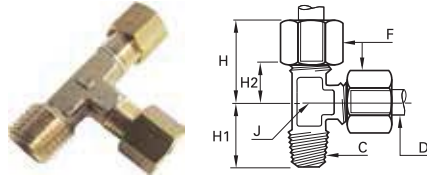
PART NO.	OD	C	F	H	J	L1	L2	KG
0108 04 10	4	R1/8	10	17	8	9.5	19	0.025
0108 05 10	5	R1/8	12	17.5	8	11	21	0.017
0108 06 10	6	R1/8	13	18	8	11	22	0.032
0108 06 13	6	R1/4	13	21.5	10	16	27	0.047
0108 08 10	8	R1/8	14	18.5	10	15	28	0.045
0108 08 13	8	R1/4	14	22	10	15	28	0.050
0108 08 17	8	R3/8	14	24	12	15	28	0.061
0108 10 13	10	R1/4	19	25	12	14.5	30	0.084
0108 10 17	10	R3/8	19	25.5	12	14.5	30	0.090
0108 12 13	12	R1/4	22	26	15	15	30	0.116
0108 12 17	12	R3/8	22	27	15	15	30	0.117
0108 14 17	14	R3/8	24	30	19	18	35	0.153
0108 14 21	14	R1/2	24	32	19	18	35	0.168
0108 15 17	15	R3/8	24	30	19	18	35	0.145
0108 15 21	15	R1/2	24	32	19	18	35	0.155
0108 16 17	16	R3/8	27	30	19	21	39	0.190
0108 16 21	16	R1/2	27	33.5	19	21	39	0.203
0108 18 21	18	R1/2	30	35.5	23	21.5	41	0.265
0108 18 27	18	R3/4	30	36.5	23	21.5	41	0.292
0108 20 27	20	R3/4	32	38	23	21.5	42	0.298
0108 22 27	22	R3/4	36	40	27	29	50	0.435
0108 22 34	22	R1	36	44	27	29	50	0.466



**0199 Adjustable Male Elbow BSPP**

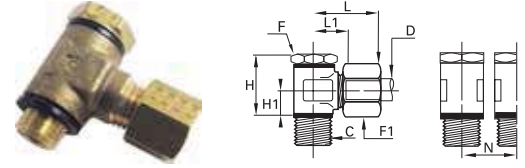
PART NO.	OD	C	F	F1	H	H1	H1 MAX	J	L MAX	L1	KG
0199 04 10	4	G1/8	14	10	23	16	17	8	19	9.5	.023
0199 04 13	4	G1/4	19	10	30.5	22	23.5	10	19	11	.043
0199 06 10	6	G1/8	14	13	23	16	17	8	22	11	.027
0199 06 13	6	G1/4	19	13	30.5	22	23.5	10	22	12	.047
0199 08 10	8	G1/8	14	14	24	17	18	10	28	15	.033
0199 08 13	8	G1/4	19	14	30.5	22	23.5	10	28	15	.051
0199 08 17	8	G3/8	22	14	33.5	24	25.5	12	28	15	.065
0199 10 13	10	G1/4	19	19	31	22.5	24	12	30	14.5	.068
0199 10 17	10	G3/8	22	19	33.5	24	25.5	12	30	14.5	.079
0199 10 21	10	G1/2	27	19	40	29.5	31	19	37	22	.138
0199 14 17	14	G3/8	22	24	35.5	26	27.5	19	35	18	.119
0199 14 21	14	G1/2	27	24	40	29.5	31	19	35	18	.141
0199 18 21	18	G1/2	27	30	40	29	30.5	23	41	21.5	.187
0199 18 27	18	G3/4	32	30	43.5	32	33.5	23	41	21.5	.222
0199 22 27	22	G3/4	32	36	45.5	34	36	32	51	31	.382
0199 22 34	22	G1	41	36	54	40.5	43	32	51	31	.408
0199 28 34	28	G1	41	42	54	40.5	43	32	54	30	.420

The body will orientate for positioning purposes



**0103 Male Run Tee BSPT**

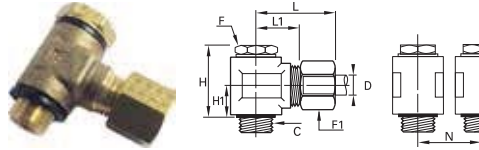
PART NO.	OD	C	F	H MAX	H1	H2	J	KG
0103 04 10	4	R1/8	10	19	17	9.5	8	0.025
0103 05 10	5	R1/8	12	21	17.5	11	8	0.030
0103 06 10	6	R1/8	13	22	18	11	8	0.033
0103 06 13	6	R1/4	13	27	21.5	16	10	0.048
0103 08 10	8	R1/8	14	28	18.5	15	10	0.045
0103 08 13	8	R1/4	14	28	22	15	10	0.050
0103 08 17	8	R3/8	14	28	24	15	12	0.061
0103 10 13	10	R1/4	19	30	25	14.5	12	0.084
0103 10 17	10	R3/8	19	30	25.5	14.5	12	0.092
0103 12 13	12	R1/4	22	30	26	15	15	0.114
0103 12 17	12	R3/8	22	30	27	15	15	0.120
0103 14 17	14	R3/8	24	35	30	18	19	0.161
0103 14 21	14	R1/2	24	35	32	18	19	0.169
0103 15 17	15	R3/8	24	35	30	18	19	0.148
0103 15 21	15	R1/2	24	35	32	18	19	0.158
0103 16 17	16	R3/8	27	39	30	21	19	0.192
0103 16 21	16	R1/2	27	39	33.5	21	19	0.199
0103 18 21	18	R1/2	30	41	35.5	21.5	23	0.269
0103 18 27	18	R3/4	30	41	36.5	21.5	23	0.282
0103 20 27	20	R3/4	32	42	38	21.5	23	0.298
0103 22 27	22	R3/4	36	50	40	29	27	0.435
0108 22 34	22	R1	36	44	27	29	50	0.466



**0118 Single Banjo with Captive Sealing Washer Maple BSPP**

PART NO.	OD	C	F	F1	H	H1	L1 MAX	L1	N	KG
0118 04 10	4	G1/8	14	10	24	9.5	24	14.5	17.5	.038
0118 05 10	5	G1/8	14	12	24	9.5	25	14.5	17.5	.041
0118 05 13	5	G1/4	17	12	25	10	26	16	21	.058
0118 06 10	6	G1/8	14	13	24	9.5	25	14.5	17.5	.041
0118 06 13	6	G1/4	17	13	25	10	26	16	21	.056
0118 08 10	8	G1/8	14	14	24	9.5	28	15.5	17.5	.054
0118 08 13	8	G1/4	17	14	25	10	28	15.5	21	.057
0118 08 17	8	G3/8	22	14	32	13	30	18	26.5	.111
0118 10 13	10	G1/4	17	19	31	13	34	19	23	.120
0118 10 17	10	G3/8	22	19	32	13	34	19	26.5	.129
0118 12 13	12	G1/4	17	22	34	14.5	34	19	23	.126
0118 12 17	12	G3/8	22	22	35	14.5	34	19	26.5	.133
0118 14 13	14	G1/4	17	24	37	16	37	20.5	28	.154
0118 14 17	14	G3/8	22	24	38	16	37	20.5	28	.195
0118 14 21	14	G1/2	27	24	40	16	38	20.5	32.5	.208
0118 15 17	15	G3/8	22	24	38	16	37	20.5	28	.190
0118 15 21	15	G1/2	27	24	40	16	38	20.5	32.5	.198
0118 16 21	16	G1/2	27	27	42	16	38	21	32.5	.221
0118 18 21	18	G1/2	27	30	46	19.5	43	24.5	36	.366
0118 20 27	20	G3/4	32	32	49	20	44	24.5	39	.403
0118 22 27	22	G3/4	32	36	53	22	45	24.5	39	.459

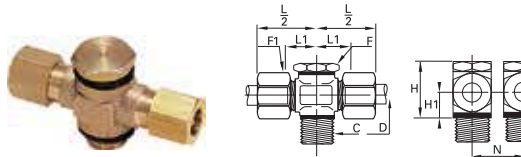
With pre-assembled captive polymer sealing washer



**0118 Single Banjo with Bi-Material Seal Male BSPP**

PART NO.	OD	C	F	F1	H	H1	L1 MAX	L1	N	KG
0118 04 10 39	4	G1/8	14	10	23	9.5	24	14.5	17.5	.038
0118 05 10 39	5	G1/8	14	12	23	9.5	25	14.5	17.5	.041
0118 05 13 39	5	G1/4	17	12	24	10	26	16	21	.064
0118 06 10 39	6	G1/8	14	13	23	9.5	25	14.5	17.5	.042
0118 06 13 39	6	G1/4	17	13	24	10	26	16	21	.057
0118 08 10 39	8	G1/8	14	14	23	9.5	28	15.5	17.5	.055
0118 08 13 39	8	G1/4	17	14	24	10	28	15.5	21	.058
0118 08 17 39	8	G3/8	22	14	31.5	13.5	30	18	26.5	.113
0118 10 13 39	10	G1/4	17	19	30	13	34	19	23	.118
0118 10 17 39	10	G3/8	22	19	31.5	13.5	34	19	26.5	.128
0118 12 13 39	12	G1/4	17	22	33	14.5	34	19	23	.128
0118 12 17 39	12	G3/8	22	22	34.5	15	34	19	26.5	.140
0118 14 13 39	14	G1/4	17	24	36	16	37	20.5	28	.189
0118 14 17 39	14	G3/8	22	24	37.5	16.5	37	20.5	28	.198
0118 14 21 39	14	G1/2	27	24	39	16.5	38	20.5	32.5	.205
0118 15 17 39	15	G3/8	22	24	37.5	16.5	37	20.5	28	.389
0118 15 21 39	15	G1/2	27	24	40	16.5	38	20.5	32.5	.202
0118 16 21 39	16	G1/2	27	27	40	16.5	38	21	32.5	.225
0118 18 21 39	18	G1/2	27	30	47	20	43	24.5	36	.369
0118 20 27 39	20	G3/4	32	32	50	20.5	44	24.5	39	.394
0118 22 27 39	22	G3/4	32	36	54	22.5	45	24.5	39	.462

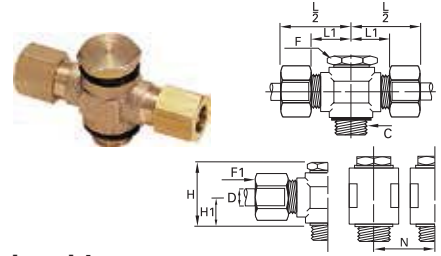
Zinc plated steel with NBR seal



**0119 Double Banjo with Captive Sealing Washer Male BSPP**

PART NO.	OD	C	F	F1	H	H1	L1	L2	N	KG
0119 04 10	4	G1/8	14	10	24	9.5	14.5	24	17.5	0.049
0119 06 10	6	G1/8	14	13	24	9.5	14.5	25	17.5	0.056
0119 06 13	6	G1/4	17	13	25	10	16	26.5	21	0.038
0119 08 10	8	G1/8	14	14	24	9.5	15.5	28	17.5	0.069
0119 08 13	8	G1/4	17	14	25	10	15.5	28	21	0.074
0119 08 17	8	G3/8	22	14	32	13	18	30.5	26.5	0.140
0119 10 13	10	G1/4	17	19	31	13	19	34	23	0.156
0119 10 17	10	G3/8	22	19	32	13	19	34	26.5	0.165
0119 12 13	12	G1/4	17	22	34	14.5	19	34	23	0.180
0119 12 17	12	G3/8	22	22	35	14.5	19	34	26.5	0.182
0119 14 13	14	G1/4	17	24	37	16	20.5	37.5	28	0.246
0119 14 17	14	G3/8	22	24	38	16	20.5	37.5	28	0.247
0119 14 21	14	G1/2	27	24	40	16	20.5	38	32.5	0.219

Zinc plated steel with NBR seal. Thread with pre-assembled polymer washer

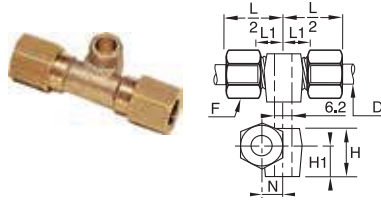


**0106 Equal Tube-to-Tube Connector**

PART NO.	OD	C	F	F1	H	H1	L1	L2	N	KG
0119 04 10 39	4	G1/8	14	10	23	9.5	14.5	24	17.5	.050
0119 05 10 39	5	G1/8	14	12	23	9.5	14.5	25	17.5	.049
0119 05 13 39	5	G1/4	17	12	24	10	126	26	21	.072
0119 06 10 39	6	G1/8	14	13	23	9.5	14.5	25	17.5	.056
0119 06 13 39	6	G1/4	17	13	24	10	16	26	21	.071
0119 08 10 39	8	G1/8	14	14	23	9.5	15.5	28	17.5	.072
0119 08 13 39	8	G1/4	17	14	24	10	15.5	28	21	.080
0119 08 17 39	8	G3/8	22	14	31.5	13.5	18	30	26.5	.118
0119 10 13 39	10	G1/4	17	19	30	13	19	34	23	.156
0119 10 17 39	10	G3/8	22	19	31.5	13.5	19	34	26.5	.167
0119 12 13 39	12	G1/4	17	22	33	14.5	19	34	23	.180
0119 12 17 39	12	G3/8	22	22	34.5	15	19	34	26.5	.183
0119 14 13 39	14	G1/4	17	24	36	16	20.5	37	28	.248
0119 14 17 39	14	G3/8	22	24	37.5	16.5	20.5	37	28	.247
0119 14 21 39	14	G1/2	27	24	39	16.5	20.5	38	32.5	.262
0119 15 17 39	15	G3/8	22	24	37.5	16.5	20.5	37	28	.246
0119 15 21 39	15	G1/2	27	24	40	16.5	20.5	38	32.5	.251
0119 18 21 39	18	G1/2	27	30	47	20	24.5	43	36	.469
0119 20 27 39	20	G3/4	32	32	50	20.5	24.5	44	39	.638
0119 22 27 39	22	G3/4	32	36	54	22.5	24.5	45	39	.610

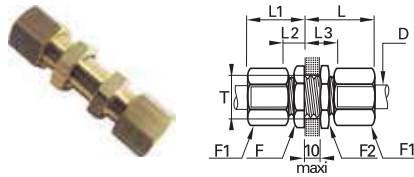
**0106 Equal Tube-to-Tube Connector**

PART NO.	OD	F	F1	L MAX	L1	KG
0106 04 00	4	10	10	28	10	0.016
0106 05 00	5	11	12	31	11	0.023
0106 06 00	6	11	13	32	11	0.026
0106 08 00	8	13	14	36	10	0.031
0106 10 00	10	17	19	42	13	0.070
0106 12 00	12	19	22	42	13	0.092
0106 14 00	14	22	24	45	11	0.104
0106 15 00	15	22	24	45	11	0.097
0106 16 00	16	24	27	48	13	0.141
0106 18 00	18	27	30	53	14	0.186
0106 20 00	20	30	32	56	14	0.211
0106 22 00	22	32	36	60	14	0.283
0106 25 00	25	36	41	64	14	0.396
0106 28 00	28	41	42	64	14	0.399



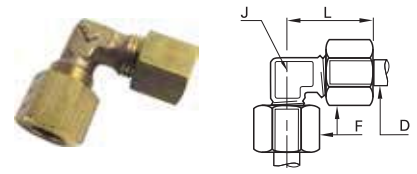
### 0113 Union Connector with Mounting Boss

PART NO.	OD	F	H	H1	L1	L2	N	KG
0113 04 00	4	10	10.5	7	9.5	19	6	0.022
0113 06 00	6	13	13	9	10	20.5	7	0.033
0113 08 00	8	14	14.5	9.5	11	23.5	8	0.041
0113 10 00	10	19	19.5	12.5	11	26	9	0.082
0113 12 00	12	22	22	14	12	26.5	11	0.107
0113 14 00	14	24	25	16	11	28	12	0.122



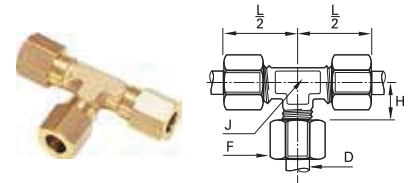
### 0116 Bulkhead Union

PART NO.	OD	F	F1	F2	L MAX	L1 MAX	L2	L3	OT MIN	KG
0116 04 00	4	10	10	13	27	17	7	17	8.3	.024
0116 05 00	5	13	12	14	28	18	7.5	17.5	10.3	.035
0116 06 00	6	13	13	14	28	19	7.5	17.5	10.3	.037
0116 08 00	8	14	14	17	29	20	7	17	12.3	.045
0116 10 00	10	19	19	22	33	25	9	19	16.5	.101
0116 12 00	12	22	22	22	33	25	9	19	18.5	.121
0116 14 00	14	24	24	24	35	25	8	18	20.5	.145
0116 15 00	15	24	24	24	35	25	8	18	20.5	.134
0116 16 00	16	27	27	27	36	28	9.5	19.5	22.5	.189
0116 18 00	18	27	30	30	40	30	10.5	20.5	24.5	.237
0116 20 00	20	32	30	32	41	31	11	21	27.5	.274
0116 22 00	22	36	36	36	42	32	11	21	30.5	.372
0116 25 00	25	36	41	38	46	36	11	21	33.5	.469



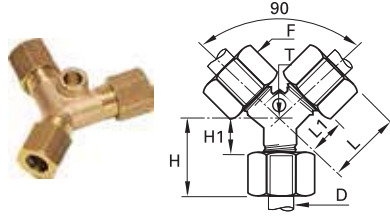
### 0102 Union Elbow

PART NO.	OD	F	J	L MAX	KG
0102 04 00	4	10	5	19	0.016
0102 05 00	5	12	8	21	0.024
0102 06 00	6	13	8	22	0.027
0102 08 00	8	14	10	28	0.038
0102 10 00	10	19	12	30	0.073
0102 12 00	12	22	15	30	0.098
0102 14 00	14	24	19	35	0.133
0102 15 00	15	24	19	35	0.122
0102 16 00	16	27	19	39	0.164
0102 18 00	18	30	23	41	0.231
0102 20 00	20	32	23	42	0.233
0102 22 00	22	36	27	50	0.371
0102 25 00	25	41	27	54	0.446
0102 28 00	28	42	32	54.5	0.478



### 0104 Union Tee

PART NO.	OD	F	H	J	L 2	KG
0104 04 00	4	10	9.5	8	19	0.028
0104 05 00	5	12	11	8	21	0.036
0104 06 00	6	13	11	8	22	0.040
0104 08 00	8	14	15	10	28	0.055
0104 10 00	10	19	14.5	12	30	0.105
0104 12 00	12	22	15	15	30	0.142
0104 14 00	14	24	18	19	35	0.190
0104 15 00	15	24	18	19	35	0.175
0104 16 00	16	27	21	19	39	0.239
0104 18 00	18	30	21.5	23	41	0.330
0104 20 00	20	32	21.5	23	42	0.330
0104 22 00	22	36	29	27	50	0.518
0104 25 00	25	41	29	27	54	0.630
0104 28 00	28	42	30	32	55	0.660



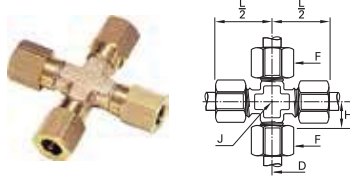
**0142 Union Y with Mounting Boss**

PART NO.	OD	F	H MAX	H1	L MAX	L1	OT	KG
0142 04 00	4	10	16.5	7	26.5	17	4.2	0.032
0142 06 00	6	13	19.5	8.5	28	17	4.2	0.049
0142 08 00	8	14	21	8	30	17	6.2	0.061
0142 10 00	10	19	24.5	9	37.5	22	6.2	0.128
0142 12 00	12	22	26	11	38	23	6.2	0.110
0142 14 00	14	24	28	11	41.5	24.5	6.2	0.201
0142 15 00	15	24	28	11	41.5	24.5	6.2	0.204
0142 16 00	16	27	30	12	43	25	6.2	0.252
0142 18 00	18	30	31.5	12	50.5	31	10.2	0.220
0142 25 00	25	41	39	14	59	34	10.2	0.728



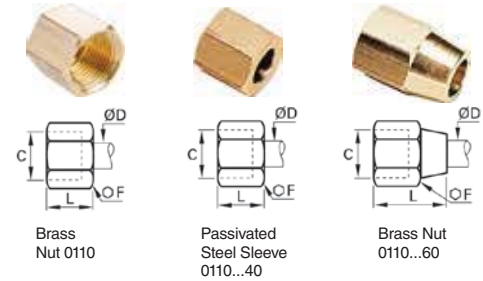
**0124 Suffix 40, 0111 Sleeves**

OD MM	PART NO.	WT	PART NO.	WT	PART NO.	WT
4	0124 04 00	.001	0124 04 40	.001	0111 04 00	.001
5	0124 05 00	.001	0124 05 40	.001	0111 05 00	.001
6	0124 06 00	.001	0124 06 40	.001	0111 06 00	.001
8	0124 08 00	.002	0124 08 40	.002	0111 08 00	.002
10	0124 10 00	.003	0124 10 40	.003	0111 10 00	.002
12	0124 12 00	.004	0124 12 40	.004	0111 12 00	.003
14	0124 14 00	.004	0124 14 40	.005	0111 14 00	.003
15	0124 15 00	.004	0124 15 40	.005	0111 15 00	.003
16	0124 16 00	.006	0124 16 40	.006	0111 16 00	.004
18	0124 18 00	.007	0124 18 40	.008	-	-
20	0124 20 00	.009	0124 20 40	.008	-	-
22	0124 22 00	.012	0124 22 40	.010	-	-
25	0124 25 00	.017	0124 25 40	.015	-	-
28	0124 28 00	.017	-	-	-	-



**0107 Union Cross**

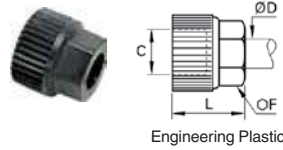
PART NO.	OD	F	H	J	L2	KG
0107 04 00	4	10	9.5	8	19	0.035
0107 05 00	5	12	11	8	21	0.047
0107 06 00	6	13	11	8	22	0.052
0107 08 00	8	14	15	11	28	0.073
0107 10 00	10	19	14.5	14	30	0.142
0107 12 00	12	22	15	15	35	0.096
0107 14 00	14	24	18	20	35	0.246
0107 15 00	15	24	18	20	35	0.227
0107 16 00	16	27	21	20	39	0.312
0107 18 00	18	30	21.5	25	41	0.426
0107 20 00	20	32	21.5	25	42	0.429
0107 22 00	22	36	29	27	50	0.676
0107 25 00	25	41	29	27	50	0.819



**0110, 0110 Suffix 40, 0110 Suffix 60 Nuts**

OD MM	C	PART NO.	WT	PART NO.	WT	PART NO.	WT
4	M8X1	0110 04 00	.005	0110 04 00 40	.004	0110 04 00 60	.006
5	M10X1	0110 05 00	.006	0110 05 00 40	.006	0110 05 00 60	.009
6	M10X1	0110 06 00	.008	0110 06 00 40	.008	0110 06 00 60	.011
8	M12X1	0110 08 00	.008	0110 08 00 40	.009	0110 08 00 60	.012
10	M16X1.5	0110 10 00	.019	0110 10 00 40	.019	0110 10 00 60	.027
12	M18X1.5	0110 12 00	.026	0110 12 00 40	.027	0110 12 00 60	.041
14	M20X1.5	0110 14 00	.029	-	-	-	-
15	M20X1.5	0110 15 00	.028	0110 15 00 40	.030	0110 15 00 60	.050
16	M22X1.5	0110 16 00	.043	0110 16 00 40	.043	0110 16 00 60	.072
18	M24X1.5	0110 18 00	.059	0110 18 00 40	.057	-	-
20	M27X1.5	0110 20 00	.057	-	-	-	-
22	M30X1.5	0110 22 00	.079	0110 22 00 40	.084	-	-
25	M33X1.5	0110 25 00	.121	-	-	-	-
28	M36X1.5	0110 28 00	.109	-	-	-	-

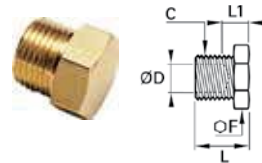




### 0110 Suffix 70 Nut Sleeve

OD MM	C	PART NO.	F MM	L MM	WT
4	M8X1	0110 04 00 70	8	13	.001
6	M10X1	0110 06 00 70	11	15	.002
8	M12X1	0110 08 00 70	13	16	.002
10	M16X1.5	0110 10 00 70	17	19	.004
12	M18X1.5	0110 12 00 70	19	19	.005
14	M20X1.5	0110 14 00 70	22	20	.007
16	M22X1.5	0110 16 00 70	24	21	.009

Plastic nut-sleeve should not be used on metal tubes.

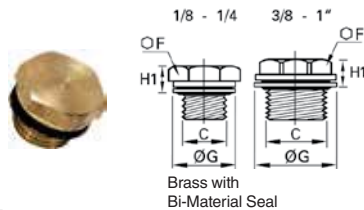


### 0125 End Plug Metric

OD MM	C	PART NO.	F MM	L MM	L1 MM	WT
4	M8X1	0125 04 00	10	12	8	.006
6	M10X1	0125 06 00	11	13.5	9.5	.009
8	M12X1	0125 08 00	14	14	9	.012
10	M16X1.5	0125 10 00	17	18	11	.025
12	M18X1.5	0125 12 00	19	18	11	.031
14	M20X1.5	0125 14 00	22	19	11	.039

The plug enables unused tubes to be blanked off. The male thread on the plug has the same pitch as the female thread on the nut of a standard Legris fitting. Therefore, the plug screwed into the nut blanks off the tube.

To reopen the passage, simply unscrew the plug and fit the required connector. No further treatment of the tube is required.



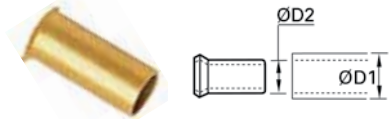
### 0220 Male Plug BSPP

C BSPP	PART NUMBER	F MM	G MM	H1 MM	WT
G 1/8	0220 10 00 39	14	14	6.5	.005
G 1/4	0220 13 00 39	17	17	6.5	.016
G 3/8	0220 17 00 39	17	22	8	.021
G 1/2	0220 21 00 39	22	26	9	.045
G 3/4	0220 27 00 39	22	32	10	.053
G 1	0220 34 00 39	27	39.5	10.5	.067



### 0168 Reducer Male To Female BSPP

C1 BSPP	C2 BSPP	PART NO.	E MM	F MM	G MM	L MM	WT
G 1/8	M5X.8	0168 10 19 39	8	14	14	4.5	.010
G 1/4	M5X.8	0168 13 19 39	8	17	17	5	.012
G 1/4	G 1/8	0168 13 10 39	8	17	17	5	.020
G 3/8	G 1/8	0168 17 10 39	10	19	22	5	.028
G 3/8	G 1/4	0168 17 13 39	10	19	22	5	.035
G 1/2	G 1/8	0168 21 10 39	12	24	26	7.5	.039
G 1/2	G 1/4	0168 21 13 39	12	24	26	7.5	.056
G 1/2	G 3/8	0168 21 17 39	12	24	26	7.5	.062
G 3/4	G 1/4	0168 27 13 39	12	32	32	9.5	.067
G 3/4	G 3/8	0168 27 17 39	12	32	32	9.5	.097
G 3/4	G 1/2	0168 27 21 39	12	32	32	9.5	.116



### 0127 Tube Support for Plastic Tube

OD1 MM	OD2 MM	PART NO.	WT
4	2	0127 04 00	.001
4	2.7	0127 04 27	.001
5	3	0127 05 03	.001
5	3.3	0127 05 00	.001
6	4	0127 06 00	.001
8	5.5	0127 08 55	.001
8	6	0127 08 00	.001
10	7	0127 10 07	.002
10	7.5	0127 10 75	.002
10	8	0127 10 00	.002
12	8	0127 12 08	.002
12	9	0127 12 09	.002
12	10	0127 12 00	.002
14	11	0127 14 11	.003
14	12	0127 14 00	.003
15	12	0127 15 12	.003
16	13	0127 16 13	.003
18	14	0127 18 14	.004
20	15	0127 20 15	.004
22	16	0127 22 16	.005
25	19	0127 25 19	.005

At high temperature and pressure or during oscillating movements, the use of tube supports prevents distortion of the tube and guarantees effective gripping and sealing.

# Poly-Tite Fittings



Parker's Poly-Tite Fittings are compact, pre-assembled compression style fittings designed for fast assembly. An exclusive acetal copolymer sleeve has superior resilience to resist creeping and stress caused from compression.

## Product Features:

- Self aligning captive sleeve
- Built-in tube support
- Knurled nuts for hand tightening
- Plastic and brass sleeves available
- Chrome plated and stainless steel side latch couplers available

## Markets:

- Dental
- Packaging
- Machine Tools
- Car Wash
- Printing

## Applications:

- Pneumatic Systems
- Water Lines
- Dental Equipment

## Specifications:

**Pressure Range** Up to 150 psi

**Temperature Range** 0° to +150°F

**O-rings** Buna N on chrome plated couplers  
Fluorocarbon on Stainless Steel couplers

## Compatible Tubing:

- Polyethylene
- Nylon
- Polypropylene
- Vinyl

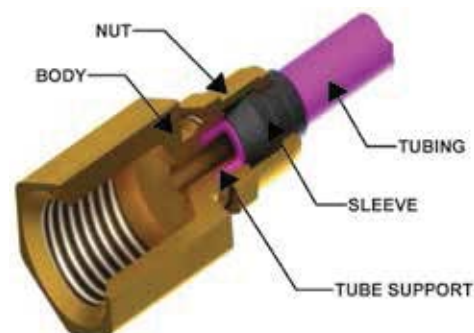
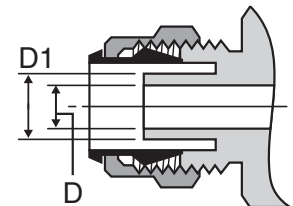
## Assembly Instructions

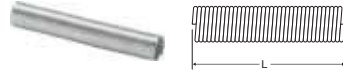
Polyethylene, polypropylene and vinyl tubing:

1. Cut tubing squarely—maximum of 15° angle allowable.
2. Check that port or mating part is clean and free of debris.
3. Insert tube end until it bottoms in the Poly-Tite fitting and tighten knurl/hex nut finger-tight — plus one wrench turn.

## Tube Support O.D.

TUBE SIZE INCHES	* D1 TUBE SUPPORT O.D.
1/4	.168
5/16	.185
3/8	.248
1/2	.373





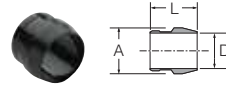
### Spring Guard 56PSG

PART NO.	TUBE O. D.	L
56PSG-4	1/4	3.000
56PSG-5	5/16	3.000
56PSG-6	3/8	3.000



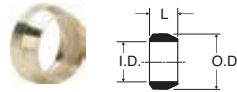
### Plastic Cap 59P

PART NO.	TUBE SIZE	A	L
59P-4	1/4	.247	.50
59P-6	3/8	.372	.56
59P-8	1/2	.497	.63



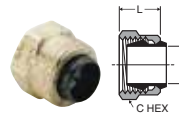
### Acetal Plastic Sleeve 60P

PART NO.	TUBE SIZE	A	D	L
60P-4	1/4	.334	.261	.338
60P-5	5/16	.405	.321	.340
60P-6	3/8	.465	.381	.367
60P-8	1/2	.628	.514	.399



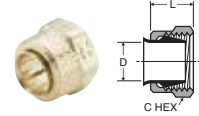
### Sleeve 60PB

PART NO.	L	O. D.	I. D.
60PB-4	.187	.336	.255
60PB-5	.187	.400	.318
60PB-6	.218	.460	.382
60PB-8	.250	.620	.507



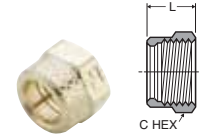
### Nut and Plastic Sleeve Assembly 61P

PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	D	L
61P-4	1/4	3/8-24	7/16	.261	.38
61P-5	5/16	7/16-24	1/2	.321	.34
61P-6	3/8	1/2-24	9/16	.380	.38
61P-8	1/2	11/16-20	3/4	.514	.44



### Nut and Brass Sleeve Assembly 61PB

PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	D	L
61PB-4	1/4	3/8-24	7/16	.255	.38
61PB-5	5/16	7/16-24	1/2	.318	.34
61PB-6	3/8	1/2-24	9/16	.382	.38
61PB-8	1/2	11/16-20	3/4	.507	.44



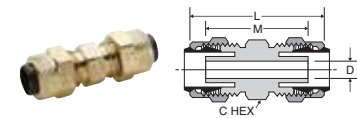
### Nut 61PN

PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	L
61PN-4	1/4	3/8-24	7/16	.38
61PN-5	5/16	7/16-24	1/2	.34
61PN-6	3/8	1/2-24	9/16	.38
61PN-8	1/2	11/16-20	3/4	.44



### Nut only for use with Spring Guard 61PSGN

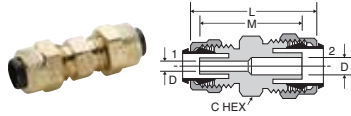
PART NO.	TUBE O. D.	L	C HEX
61PSGN-4	1/4	.625	.437
61PSGN-5	5/16	.625	.500
61PSGN-6	3/8	.656	.562



### Union 62P

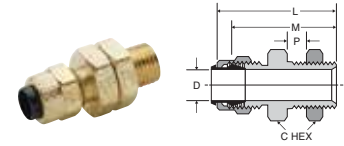
PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	L	M	FLOW DIA. D
62P-4	1/4	3/8-24	3/8	1.17	.96	.125
62P-5	5/16	7/16-24	7/16	1.16	.96	.144
62P-6	3/8	1/2-24	1/2	1.23	.99	.204
62P-8	1/2	11/16-20	11/16	1.47	1.24	.323

### Union Reducer 62P



PART NO.	1 TUBE SIZE	2 TUBE SIZE	1 STRAIGHT THREAD	2 STRAIGHT THREAD	C HEX	L	M	FLOW DIA. D
62P-6-4	1/4	3/8	3/8-24	1/2-24	1/2	1.22	.99	.125

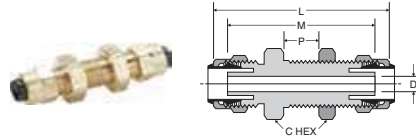
### Bulkhead Union 62PTBH



(Straight Through)

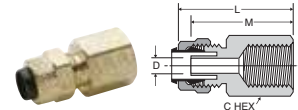
PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	P MAX.	L	M	BULKHEAD HOLE DIA.	FLOW DIA. D
62PTBH-4	1/4	3/8-24	9/16	.31	1.19	.93	3/8	.260
62PTBH-5	5/16	7/16-24	5/8	.31	1.19	.93	7/16	.323
62PTBH-6	3/8	1/2-24	11/16	.34	1.26	.99	1/2	.387

### Bulkhead Union 62PBH



PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	P MAX.	L	M	BULKHEAD HOLE DIA.	FLOW DIA. D
62PBH-4	1/4	3/8-24	9/16	.38	1.75	1.53	3/8	.125
62PBH-5	5/16	7/16-24	5/8	.38	1.71	1.52	7/16	.144
62PBH-6	3/8	1/2-24	11/16	.47	1.89	1.65	1/2	.204
62PBH-8	1/2	11/16-20	7/8	.63	2.28	2.05	11/16	.323

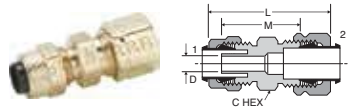
### Female Connector 66P



PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	C HEX	L	M	FLOW DIA. D
66P-4-2	1/4	1/8	3/8-24	9/16	.97	.86	.125
66P-4-4	1/4	1/4	3/8-24	5/8	1.18	1.07	.125
66P-5-2	5/16	1/8	7/16-24	9/16	.97	.86	.144
66P-6-4	3/8	1/4	1/2-24	5/8	1.18	1.07	.204
66P-8-6	1/2	3/8	11/16-20	13/16	1.31	1.20	.323

### Union 62PCA

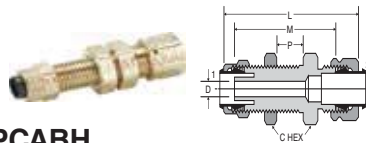
(Tube to Compress-Align)



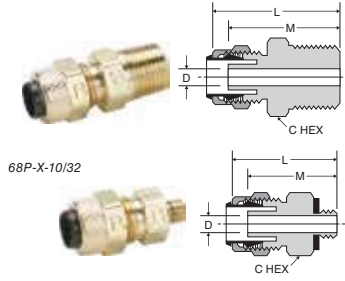
PART NO.	TUBE SIZE	1 STRAIGHT THREAD	2 STRAIGHT THREAD	C HEX	L	M	FLOW DIA. D
62PCA-4	1/4	3/8-24	7/16-24	7/16	1.25	.89	.125
62PCA-5	5/16	7/16-24	1/2-24	1/2	1.30	.92	.144
62PCA-6	3/8	1/2-24	9/16-24	9/16	1.37	.98	.204

### Bulkhead Union 62PCABH

(Tube to Compress-Align)

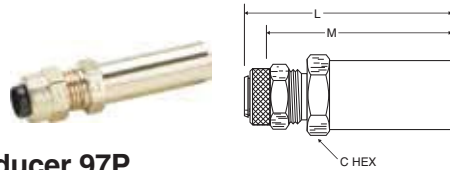


PART NO.	TUBE SIZE	1 STR THD	2 STR THD	C HEX	P MAX	L	M	BLKHD HOLE DIA.	FLOW DIA. D
62PCABH-4	1/4	3/8-24	7/16-24	9/16	.38	1.81	1.45	3/8	.125
62PCABH-6	3/8	1/2-24	9/16-24	11/16	.47	2.03	1.64	1/2	.204



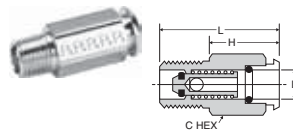
### Male Connector 68P

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	C HEX	L	M	FLOW DIA. D
68P-4-1	1/4	1/16	3/8-24	3/8	1.06	.95	.125
68P-4-10X32	1/4	10-32	3/8-24	3/8	.86	.75	.094
68P-4-2	1/4	1/8	3/8-24	7/16	1.06	.95	.125
68P-4-4	1/4	1/4	3/8-24	9/16	1.25	1.14	.125
68P-4-6	1/4	3/8	3/8-24	11/16	1.28	1.17	.125
68P-5-2	5/16	1/8	7/16-24	7/16	1.05	.95	.144
68P-5-4	5/16	1/4	7/16-24	9/16	1.24	1.14	.144
68P-6-2	3/8	1/8	1/2-24	1/2	1.10	.98	.204
68P-6-4	3/8	1/4	1/2-24	9/16	1.29	1.17	.204
68P-6-6	3/8	3/8	1/2-24	11/16	1.29	1.17	.204
68P-8-4	1/2	1/4	11/16-20	11/16	1.46	1.29	.320
68P-8-6	1/2	3/8	11/16-20	11/16	1.37	1.29	.323



### Tube End Reducer 97P

PART NO.	TUBE O. D.	L	M	C HEX
97P-4-6	3/8 X 1/4	1.718	1.625	.437
97P-6-8	1/2 X 3/8	1.875	1.781	.562



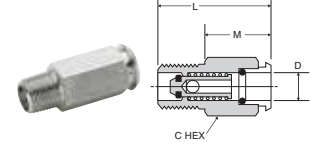
### Pipe Coupler Body 391P

(Chrome Plated)

PART NO.	D-INSERT DIA.	PIPE THREAD	C HEX	H	L
391P-4-2	1/4	1/8	1/2	.91	1.29
391P-4-4	1/4	1/4	9/16	.73	1.29
391P-6-4	3/8	1/4	11/16	.85	1.41

### Pipe Coupler Body 391PSS

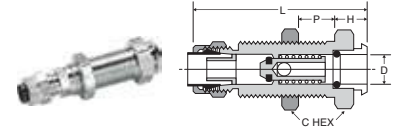
(Stainless Steel)



PART NO.	D INSERT DIA.	PIPE THREAD	L	C HEX	M
391PSS-4-2	1/4	1/8	1.271	.500	.900
391PSS-4-4	1/4	1/4	1.271	.562	.710
391PSS-6-4	3/8	1/4	1.40	.625	.840

### Bulkhead Coupler Body 392P

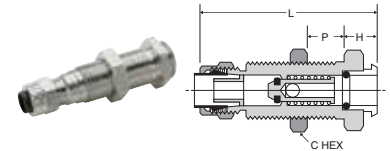
(Chrome Plated)



PART NO.	TUBE SIZE	D-INSERT DIA.	STRAIGHT THREAD	C HEX	P MAX.	H	L	BULKHEAD HOLE DIA.
392P-4-4	1/4	1/4	1/2-24	5/8	.84	.39	2.13	1/2
392P-6-6	3/8	3/8	11/16-24	13/16	.93	.37	2.01	11/16

### Bulkhead Coupler Body 392PSS

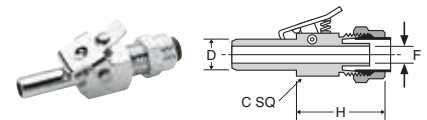
(Stainless Steel)



PART NO.	TUBE O. D.	BULKHEAD THREAD	L	C HEX	H	P MAX	BULKHEAD HOLE DIA.
392PSS-4-4	1/4	1/2-24	2.03	.625	.28	.84	1/2
392PSS-6-6	3/8	11/16-24	2.20	.812	.31	.93	11/16

### Through Type Insert 393P

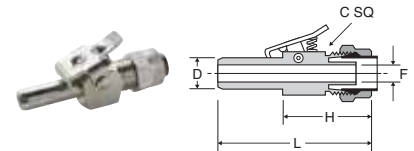
(Chrome Plated)



PART NO.	TUBE SIZE	D-INSERT DIA.	STRAIGHT THREAD	C SQUARE	H	FLOW DIA. F
393P-4-4	1/4	1/4	3/8-24	7/16	1.12	.125
393P-6-6	3/8	3/8	1/2-24	1/2	1.34	.203

### Through Type Insert 393PSS

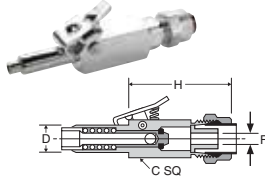
(Stainless Steel)



PART NO.	TUBE O. D.	D-INSERT DIA.	L	C SQUARE	H	FLOW DIA. F
393PSS-4-4	1/4	1/4	1.677	7/16	.99	.125
393PSS-6-6	3/8	3/8	2.030	1/2	1.27	.203

### Shutoff Type Insert 393PD

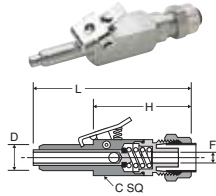
(Chrome Plated)



PART NO.	TUBE SIZE	D-INSERT DIA.	STRAIGHT THREAD	C SQUARE	H	FLOW DIA. F
393PD-4-4	1/4	1/4	3/8-24	7/16	1.61	.110
393PD-6-6	3/8	3/8	1/2-24	1/2	1.45	.187

### Shut-Off Type Insert 393PDSS

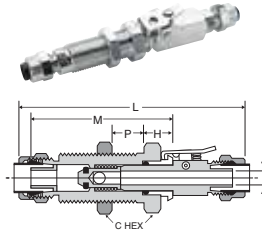
(Stainless Steel)



PART NO.	TUBE O.D.	D-INSERT DIA.	L	C SQUARE	H	FLOW DIA. F
393PDSS-4-4	1/4	1/4	2.46	.500	1.62	.116
393PDSS-6-6	3/8	3/8	2.60	.500	1.67	.157

### Single End Shutoff Bulkhead Quick Coupler 394P

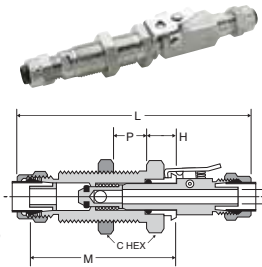
(Chrome Plated)



PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	P MAX	H	L	M	BULKHEAD HOLE DIA.	FLOW DIA. F
394P-4-4	1/4	1/2-24	5/8	.84	.39	3.28	2.13	1/2	.125
394P-6-6	3/8	11/16-24	13/16	.93	.37	3.41	2.01	11/16	.203

### Coupler Single End Shut-Off Bulkhead 394PSS

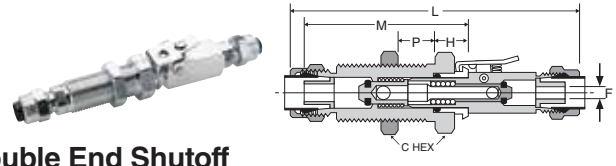
(Stainless Steel)



PART NO.	TUBE O.D.	BULKHEAD THREAD	L	M	C HEX	H	P MAX	FLOW DIA. F
394PSS-4-4	1/4	1/2-24	3.05	2.06	.625	.31	.84	.125
394PSS-6-6	3/8	11/16-24	3.50	2.23	.812	.34	.93	.203

### Double End Shutoff Bulkhead Quick Coupler 394PD

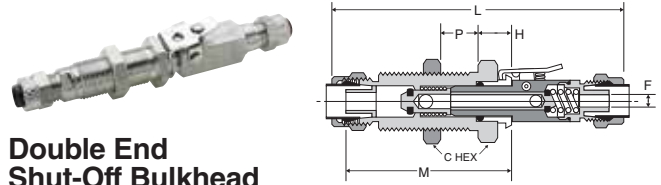
(Chrome Plated)



PART NO.	TUBE SIZE	STRAIGHT THREAD	C HEX	P MAX	H	L	M	BULKHEAD HOLE DIA.	FLOW DIA. F
394PD-4-4	1/4	1/2-24	5/8	.84	.39	3.77	2.13	1/2	.125
394PD-6-6	3/8	11/16-24	13/16	.93	.37	3.48	2.01	11/16	.204

### Double End Shut-Off Bulkhead Quick Coupler 394PDSS

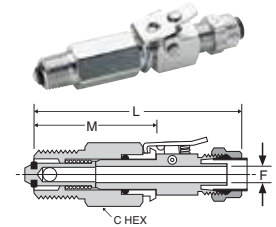
(Stainless Steel)



PART NO.	TUBE O.D.	BULKHEAD THREAD	L	M	C HEX	H	P MAX	FLOW DIA. F
394PDSS-4-4	1/4	1/2-24	3.69	2.67	.625	.32	.84	.125
394PDSS-6-6	3/8	11/16-24	3.91	2.24	.812	.34	.93	.203

### Single End Shutoff Pipe Connector Quick Coupler 398P

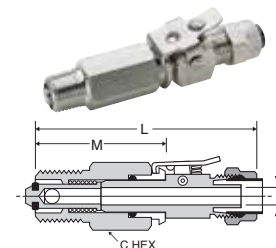
(Chrome Plated)



PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	C HEX	L	M	FLOW DIA. F
398P-4-2	1/4	1/8	3/8-24	1/2	2.45	1.32	.125
398P-4-4	1/4	1/4	3/8-24	9/16	2.45	1.32	.125
398P-6-4	3/8	1/4	1/2-24	5/8	2.80	1.46	.203

### Single End Shut-Off Connector Quick Coupler 398PSS

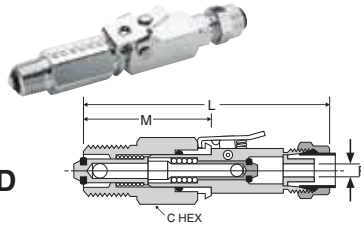
(Stainless Steel)



PART NO.	TUBE O.D.	PIPE THREAD	L	M	C HEX	FLOW DIA. F
398PSS-4-2	1/4	1/8	2.30	1.32	.500	.125
398PSS-4-4	1/4	1/4	2.30	1.32	.562	.125
398PSS-6-4	3/8	1/4	2.70	1.43	.625	.203

### Double End Shutoff Pipe Connector Quick Coupler 398PD

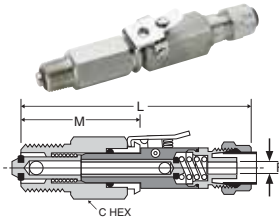
(Chrome Plated)



PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	C HEX	L	M	FLOW DIA. F
398PD-4-2	1/4	1/8	3/8-24	1/2	2.93	1.31	.125
398PD-4-4	1/4	1/4	3/8-24	9/16	2.93	1.32	.125
398PD-6-4	3/8	1/4	1/2-24	5/8	2.88	1.43	.204

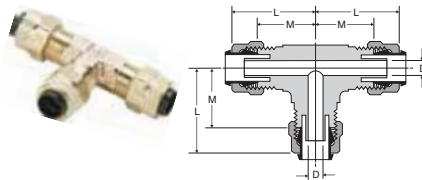
### Double End Shut-Off Pipe Connector Quick Coupler 398PDSS

(Stainless Steel)



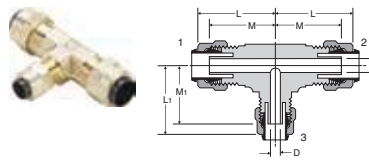
PART NO.	TUBE O. D.	PIPE THREAD	L	M	C HEX	FLOW DIA. D
398PDSS-4-2	1/4	1/8	2.93	1.31	.500	.125
398PDSS-4-4	1/4	1/4	2.93	1.31	.562	.125
398PDSS-6-4	3/8	1/4	3.10	1.43	.625	.125

### Union Tee 164P



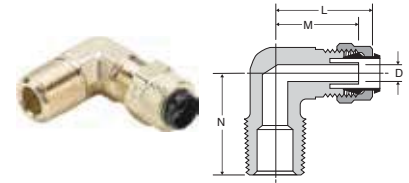
PART NO.	TUBE SIZE	STRAIGHT THREAD	L	M	FLOW DIA. D
164P-4	1/4	3/8-24	.84	.73	.125
164P-5	5/16	7/16-24	.83	.73	.144
164P-6	3/8	1/2-24	.98	.86	.203
164P-8	1/2	11/16-20	1.12	1.04	.323

### Union Tee 164P combination size



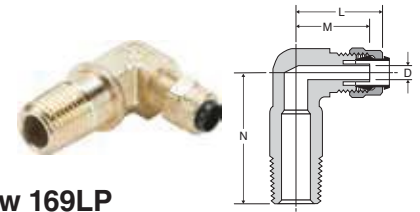
PART NO.	1 TUBE SIZE	2 TUBE SIZE	3 TUBE SIZE	L	L1	M	M1	FLOW DIA. D
164P-6-4	3/8	3/8	1/4	.98	.90	.86	.79	.125

### Male Elbow 169P



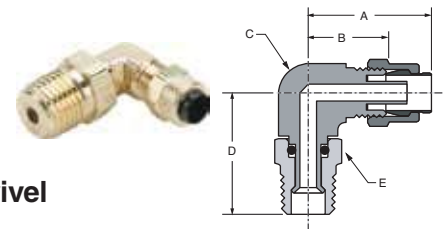
PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA. D
169P-4-1	1/4	1/16	3/8-24	.92	.58	.67	.130
169P-4-2	1/4	1/8	3/8-24	.84	.73	.75	.121
169P-4-4	1/4	1/4	3/8-24	.90	.79	.92	.125
169P-4-6	1/4	3/8	3/8-24	.93	.84	1.08	.125
169P-5-2	5/16	1/8	7/16-24	.87	.73	.68	.144
169P-6-2	3/8	1/8	1/2-24	.93	.81	.73	.203
169P-6-4	3/8	1/4	1/2-24	.98	.86	1.05	.203
169P-6-6	3/8	3/8	1/2-24	.98	.86	1.08	.203
169P-8-6	1/2	3/8	11/16-20	1.12	1.04	1.13	.323

### Long Male Elbow 169LP

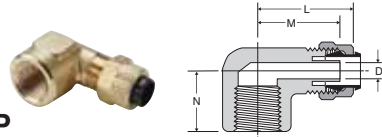


PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA. D
169LP-4-4	1/4	1/4	3/8-24	.90	.79	1.38	.125

### Male Elbow Swivel 169PS

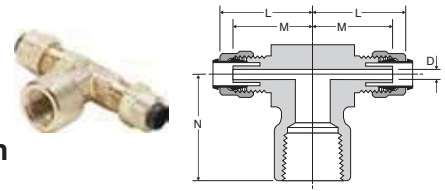


PART NO.	TUBE O. D.	PIPE THREAD	A	B	C HEX	D	E
169PS-4-2	1/4	1/8	.812	.594	.375	.862	.437
169PS-4-4	1/4	1/4	.906	.688	.562	1.218	.562
169PS-6-2	3/8	1/8	.875	.625	.437	.904	.437
169PS-6-4	3/8	1/4	.937	.685	.562	1.218	.562
169PS-6-6	3/8	3/8	.859	.602	.562	1.190	.687
169PS-8-6	1/2	3/8	1.031	.782	.500	1.218	.687



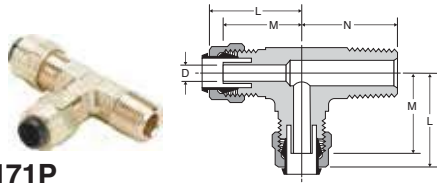
### Female Elbow 170P

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA.D
170P-4-2	1/4	1/8	3/8-24	.90	.79	.56	.125
170P-4-4	1/4	1/4	3/8-24	1.00	.89	.69	.125
170P-6-4	3/8	1/4	1/2-24	1.01	.89	.69	.204
170P-8-6	1/2	3/8	11/16-20	1.19	1.11	1.13	.323



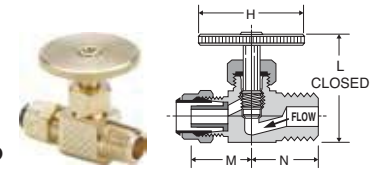
### Female Branch Tee 177P

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA.D
177P-4-2	1/4	1/8	3/8-24	.92	.81	.88	.125
177P-4-4	1/4	1/4	3/8-24	.92	.81	1.03	.125
177P-4-6	1/4	3/8	3/8-24	1.03	.92	1.13	.125



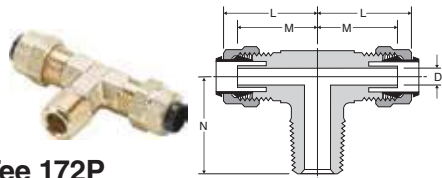
### Male Run Tee 171P

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA.D
171P-4-2	1/4	1/8	3/8-24	.84	.73	.72	.125
171P-4-4	1/4	1/4	3/8-24	.92	.81	.92	.125
171P-5-2	5/16	1/8	7/16-24	.83	.73	.72	.144
171P-6-4	3/8	1/4	1/2-24	.98	.86	1.03	.203
171P-8-6	1/2	3/8	11/16-20	1.12	1.04	1.13	.323



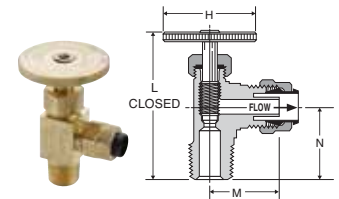
### Needle Valve NV311P

PART NO.	TUBE SIZE	PIPE THREAD	H	L OPEN	L CLOSED	M	N
NV311P-4-2	1/4	1/8	1.06	1.36	1.16	.64	.63
NV311P-4-4	1/4	1/4	1.06	1.38	1.18	.64	.72
NV311P-6-4	3/8	1/4	1.06	1.38	1.18	.64	.72



### Male Branch Tee 172P

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	L	M	N	FLOW DIA.D
172P-4-2	1/4	1/8	3/8-24	.84	.73	.72	.125
172P-4-4	1/4	1/4	3/8-24	.92	.81	.92	.125
172P-5-2	5/16	1/8	7/16-24	.83	.73	.72	.144
172P-6-2	3/8	1/8	1/2-24	.88	.86	.74	.204
172P-6-4	3/8	1/4	1/2-24	.98	.86	1.03	.204
172P-8-6	1/2	3/8	11/16-20	1.12	1.04	1.13	.323



### Angle Needle Valve NV312P

PART NO.	TUBE SIZE	PIPE THREAD	H	L OPEN	L CLOSED	M	N
NV312P-4-2	1/4	1/8	1.06	1.70	1.50	.63	.68
NV312P-4-4	1/4	1/4	1.06	2.07	1.82	.71	.86
NV312P-6-4	3/8	1/4	1.06	2.00	1.75	.74	.86





# Hi-Duty Flareless Tube Fittings

Parker's Hi-Duty Fittings are preassembled with the sleeve machined onto the nut. During assembly the sleeve breaks away from the nut and creates a seal on the tubing. Rated to a much higher pressure rating than compression fittings, Hi-Duty will work with seamless steel tubing as well as copper, brass and thermoplastic tubing.

## Product Features:

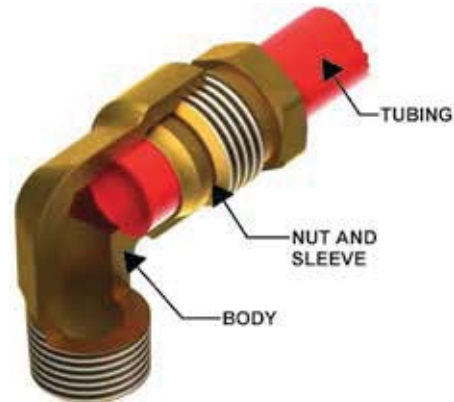
- All brass construction
- Two piece fitting
- Higher pressure rating
- Easy assembly

## Markets:

- Mobile
- Industrial
- Compressors
- Lubrication

## Applications:

- Lubrication Lines
- Coolant Lines
- Oil Lines
- Engines



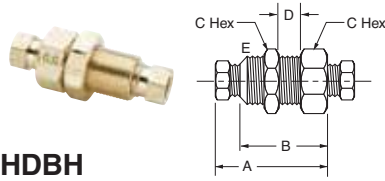
## Specifications:

	1/8	4300 psi	3/8	1500 psi
	3/16	2850 psi	1/2	1150 psi
<b>Pressure Range</b>	1/4	2100 psi	5/8	1000 psi
	5/16	1800 psi		

**Temperature Range** -65° to +250°F

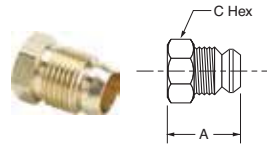
## Compatible Tubing:

- Copper
- Brass
- Seamless Steel
- Thermoplastic Tubing



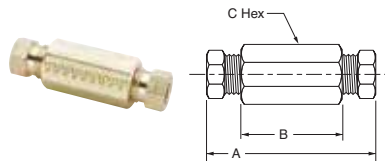
### Bulkhead Union 62HDBH

PART NO.	TUBE SIZE	MIN. ORIFICE SIZE	A	B	C	D	E
62HDBH-2	1/8	.093	1.781	1.156	.562	.625	7/16-24
62HDBH-4	1/4	.187	1.968	1.156	.687	.625	9/16-24



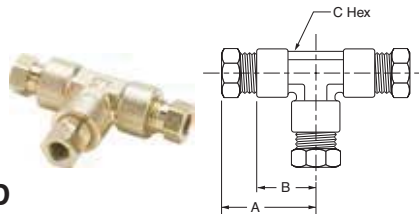
### Nut/Sleeve 61HD

PART NO.	TUBE SIZE	PIPE THREAD	A	C
61HD-2	1/8	5/16-24	.656	.312
61HD-3	3/16	3/8-24	.687	.375
61HD-4	1/4	7/16-24	.734	.437
61HD-5	5/16	1/2-20	.765	.500
61HD-6	3/8	9/16-20	.843	.562
61HD-8	1/2	1 1/16-16	.921	.688
61HD-10	5/8	7/8-18	1.078	.875



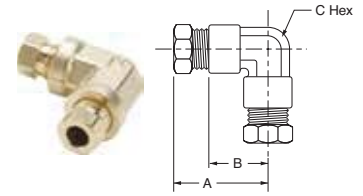
### Union 62HD

PART NO.	TUBE SIZE	MIN. ORIFICE SIZE	A	B	C
62HD-2	1/8	.093	1.687	1.062	.375
62HD-3	3/16	.125	1.781	1.031	.437
62HD-4	1/4	.187	1.906	1.093	.562
62HD-6	3/8	.312	2.187	1.375	.625
62HD-8	1/2	.437	2.437	1.562	.812
62HD-10	5/8	.500	2.937	1.812	1.062



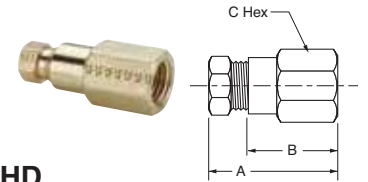
### Union Tee 164HD

PART NO.	TUBE SIZE	MIN. ORIFICE SIZE	A	B	C HEX
164HD-4	1/4	.187	1.082	.687	.500
164HD-6	3/8	.312	1.357	.970	.562
164HD-8	1/2	.437	1.481	1.060	.750



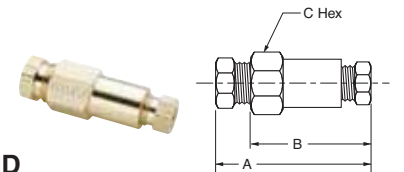
### Union Elbow 165HD

PART NO.	TUBE SIZE	MIN. ORIFICE SIZE	A	B	C HEX
165HD-4	1/4	.187	1.084	.690	.552
165HD-6	3/8	.312	1.376	.970	.615
165HD-8	1/2	.437	1.546	1.060	.750



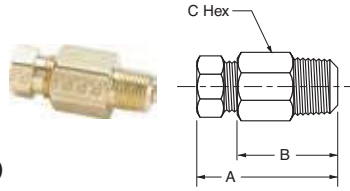
### Female Connector 66HD

PART NO.	TUBE SIZE	PIPE THREAD	MIN. ORIFICE SIZE	A	B	C HEX
66HD-2-2	1/8	1/8	.093	1.312	1.000	.500
66HD-4-2	1/4	1/8	.187	1.406	1.000	.562
66HD-4-4	1/4	1/4	.187	1.593	1.187	.687
66HD-6-2	3/8	1/8	.312	1.531	1.125	.625
66HD-6-4	3/8	1/4	.312	1.718	1.312	.625
66HD-6-6	3/8	3/8	.312	1.750	1.343	.812



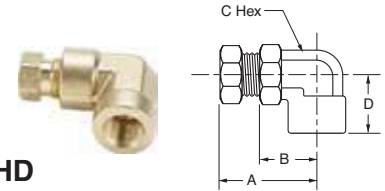
### Reducing Union 62HD

PART NO.	TUBE SIZE	MIN. ORIFICE SIZE	A	B	C HEX
62HD-6-4	3/8 X 1/4	.187	2.000	1.187	.625
62HD-8-4	1/2 X 1/4	.187	2.125	1.281	.812
62HD-8-6	1/2 X 3/8	.312	2.656	1.406	.812



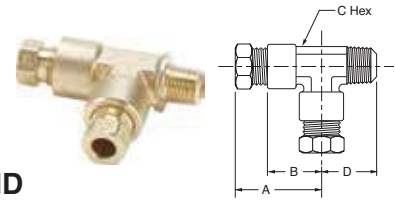
### Male Connector 68HD

PART NO.	TUBE SIZE	PIPE THREAD	MIN. ORIFICE SIZE	A	B	C HEX
68HD-2-2	1/8	1/8	.093	1.062	.750	.437
68HD-3-2	3/16	1/8	.125	1.140	.765	.437
68HD-4-2	1/4	1/8	.187	1.343	.937	.562
68HD-4-4	1/4	1/4	.187	1.468	1.062	.562
68HD-4-6	1/4	3/8	.187	1.343	.937	.687
68HD-4-8	1/4	1/2	.187	1.531	1.125	.875
68HD-5-2	5/16	1/8	.218	1.406	1.000	.562
68HD-5-4	5/16	1/4	.218	1.500	1.093	.562
68HD-6-2	3/8	1/8	.218	1.531	1.125	.625
68HD-6-4	3/8	1/4	.312	1.656	1.250	.625
68HD-6-6	3/8	3/8	.312	1.531	1.125	.687
68HD-6-8	3/8	1/2	.312	1.531	1.125	.875
68HD-8-4	1/2	1/4	.312	1.813	1.375	.812
68HD-8-6	1/2	3/8	.406	1.750	1.312	.812
68HD-8-8	1/2	1/2	.437	1.812	1.375	.875
68HD-8-12	1/2	3/4	.437	1.625	1.187	1.062
68HD-10-6	5/8	3/8	.406	2.031	1.468	1.062
68HD-10-8	5/8	1/2	.500	2.156	1.593	1.062



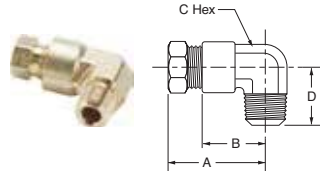
### Female Elbow 170HD

PART NO.	TUBE SIZE	PIPE THREAD	MIN. ORIFICE SIZE	A	B	C HEX	D
170HD-2-2	1/8	1/8	.093	1.005	.690	.500	.750
170HD-4-2	1/4	1/8	.187	1.084	.687	.500	.750
170HD-4-4	1/4	1/4	.187	1.234	.843	.562	.875
170HD-6-2	3/8	1/8	.312	1.281	.875	.562	.937
170HD-6-4	3/8	1/4	.312	1.376	.970	.615	1.093
170HD-6-6	3/8	3/8	.312	1.526	1.120	.690	1.150
170HD-8-6	1/2	3/8	.437	1.481	1.062	.740	1.281



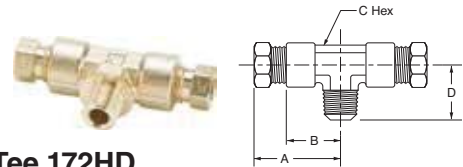
### Male Run Tee 171HD

PART NO.	TUBE SIZE	PIPE THREAD	MIN. ORIFICE SIZE	A	B	C HEX	D
171HD-4-2	1/4	1/8	.187	1.144	.750	.500	.780
171HD-4-4	1/4	1/4	.187	1.207	.812	.500	.937
171HD-6-4	3/8	1/4	.312	1.376	.970	.562	1.000



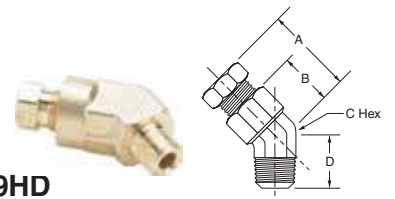
### Male Elbow 169HD

PART NO.	TUBE SIZE	PIPE THREAD	MIN. ORIFICE SIZE	A	B	C HEX	D
169HD-2-2	1/8	1/8	.093	.975	.656	.438	.720
169HD-3-2	3/16	1/8	.125	1.056	.687	.437	.750
169HD-4-2	1/4	1/8	.187	1.084	.687	.500	.750
169HD-4-4	1/4	1/4	.187	1.144	.750	.500	.937
169HD-5-2	5/16	1/8	.218	1.144	.750	.562	.810
169HD-5-4	5/16	1/4	.250	1.206	.812	.562	1.000
169HD-6-2	3/8	1/8	.218	1.281	.875	.562	.875
169HD-6-4	3/8	1/4	.312	1.281	.875	.562	1.000
169HD-6-6	3/8	3/8	.312	1.376	.970	.615	1.031
169HD-6-8	3/8	1/2	.312	1.526	1.120	.687	1.310
169HD-8-4	1/2	1/4	.312	1.421	1.000	.678	1.062
169HD-8-6	1/2	3/8	.406	1.421	1.000	.678	1.062
169HD-8-8	1/2	1/2	.437	1.481	1.060	.740	1.420
169HD-10-6	5/8	3/8	.406	1.818	1.270	.875	1.340
169HD-10-8	5/8	1/2	.500	1.818	1.270	.875	1.480



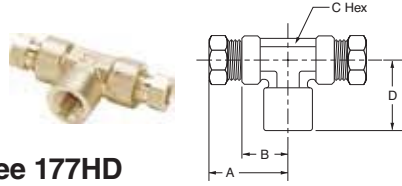
### Male Branch Tee 172HD

PART NO.	TUBE SIZE	PIPE THREAD	MIN. ORIFICE SIZE	A	B	C HEX	D
172HD-4-2	1/4	1/8	.187	1.082	.687	.500	.780
172HD-4-4	1/4	1/4	.187	1.269	.875	.500	.937
172HD-6-6	3/8	3/8	.312	1.406	1.000	.562	1.125



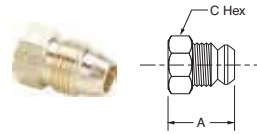
### 45° Male Elbow 179HD

PART NO.	TUBE SIZE	PIPE THREAD	MIN. ORIFICE SIZE	A	B	C HEX	D
179HD-4-2	1/4	1/8	.187	1.093	.687	.562	.750
179HD-6-4	3/8	1/4	.280	1.138	.710	.550	.850



**Female Branch Tee 177HD**

PART NO.	TUBE SIZE	PIPE THREAD	MIN. ORIFICE SIZE	A	B	C HEX	D
177HD-4-2	1/4	1/8	.187	1.082	.687	.500	.750
177HD-4-4	1/4	1/4	.187	1.144	.750	.562	1.093
177HD-6-4	3/8	1/4	.312	1.376	.970	.562	1.093



**Plug 59HD**

PART NO.	TUBE SIZE	A	C
59HD-4	1/4	.734	.437
59HD-6	3/8	.843	.625