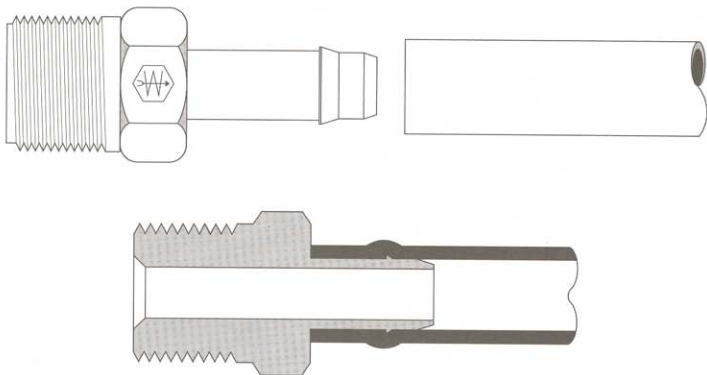


 Refer to safety information regarding proper selection of tubing and tube fittings on page 1.



- **Typical Application**
Temperature control circuits, test apparatus, lubricant, coolant lines, pneumatic circuits, vacuum and fluid systems.
- **Pressure**
Will withstand burst pressures of plastic tubing.
- **Vibration**
Excellent resistance.
- **Temperature Range**
Depends on tubing used.
- **Material**
CA360 Brass.

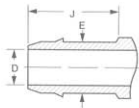
- **Used With**
PT240 Polyethylene tubing. See page 28-32 for material compatibility and page 33-35 for plastic tubing.
- **Advantages**
Quick connecting - no tube preparation. Hand assembly. Low cost one-piece push-on design. Barbed lip provides safe, positive connection. Compact size permits use in extremely tight areas.
- **Conformance**
An exclusive item with Weatherhead. User approvals only.

- **How to Order**
Individually by catalog number.

- **NOTE**
Refer to current price list for availability of cataloged items. Quotations and delivery of non-stock items supplied on request. Configurations and dimensions subject to change without notice.

- **Assembly Instructions**
 1. Push the tubing over insert.
 2. Bottom the tubing against fitting body.

Label Set: FS-1000 (adhesive)
CL-496 (non-adhesive)

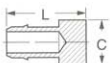


Common Dimensions of Barbed End

Tubing O.D.	D	E	J
5/32	.062	.113	.38
*3/16	.078	.125	.50
1/4	.127	.189	.50
3/8	.196	.270	.50
1/2	.312	.395	.63

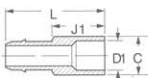
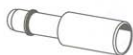
*No barb on 3/16" size.

Plug



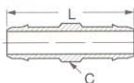
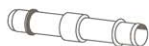
Tubing O.D.	Catalog Number	Dia. C	L
1/4	1073x4	.31	.75
3/8	1073x6	.40	.75
1/2	1073x8*	.53	.88

Solder Connector



Tubing O.D.	Solder Conn.	Catalog Number	Dia. C	D1	J1	L
1/4	1/4	1079x4x4	5/16	.25	.50	1.00

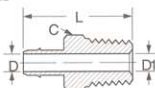
Union



*No barb on 3/16" end.
"L" Suffix designates long Union.

Tubing O.D.	Catalog Number	Dia. C	L
1/4x3/16*	1062x4x3	1/4	1.25
1/4	1062x4	1/4	.81
1/4	1062x4L	1/4	1.25
3/8x1/4	1062x6x4	5/16	1.19
3/8	1062x6	5/16	1.19
1/2x1/4	1062x8x4*	1/2	1.33
1/2x3/8	1062x8x6	1/2	1.33
1/2	1062x8	1/2	1.45

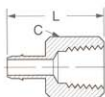
Male Connector



*UNF Thread

Tubing O.D.	Male Pipe Thread	Catalog Number	Hex C	D	D1 Opt.	L
5/32	1/8	1068x2.5x2	7/16	.06	.19	.98
1/4	1/16	1068x4x1	5/16	.12	-	1.06
1/4	1/8	1068x4	7/16	.12	.19	1.06
1/4	1/4	1068x4x4	9/16	.12	.28	1.28
3/8	1/8	1068x6x2	7/16	.19	-	1.09
3/8	1/4	1068x6	9/16	.19	.28	1.28
3/8	1/2	1068x6x8*	7/8	.19	.56	1.41
1/2	3/8	1068x8	11/16	.31	-	1.38

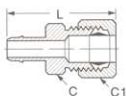
Female Connector



*PTF Short Thread

Tubing O.D.	Fem. Pipe Thread	Catalog Number	Hex C	L
1/4	1/8*	1066x4	1/2	1.00
1/4	1/4	1066x4x4	11/16	1.25
3/8	1/4	1066x6*	11/16	1.25

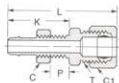
Compression Connector



*No Barb on 3/16" end
For replacement nuts and sleeves see page 49.

Tubing O.D.	Comp. Tube Size	Catalog Number	Hex C	Hex C1	L
3/16*	1/4	1078x3x4	7/16	1/2	1.29
1/4	1/4	1078x4x4	7/16	1/2	1.29

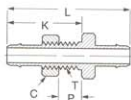
Bulkhead Compression Connector



For replacement compression nuts and sleeves, see page 49.

Tubing O.D.	Comp. Tube Size	Catalog Number	Hex C	Hex C1	K	L	Max. P	T Thread
1/4	1/4	1067x4x4	7/16	1/2	.88	1.66	.19	5/16-24 UNF
3/8	3/8	1067x6x6*	9/16	5/8	1.06	1.94	.31	3/8-24 UNF

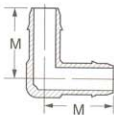
Bulkhead Union



For replacement nuts and sleeves, see page 50.

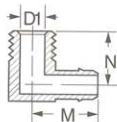
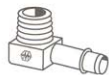
Tubing O.D.	Thread T	Catalog Number	Hex C	K	L	Max. P
1/4	5/16-24 UNF	1074x4	7/16	1.06	1.74	.31
3/8	3/8-24 UNF	1074x6	1/2	1.06	1.74	.31

Union Elbow



Tubing O.D.	Catalog Number	M
1/4	1065x4	.70
3/8	1065x6	.67
1/2	1065x8	.86

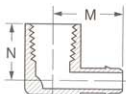
90° Male Elbow



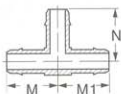
*PTF Short Thread

Tubing O.D.	Male Pipe Thread	Catalog Number	D1	M	N
1/4	1/16	1069x4x1	.156	.67	.55
1/4	1/8	1069x4	.250	.72	.63
1/4	1/4*	1069x4x4	.312	.78	.65
3/8	1/8	1069x6x2	.250	.74	.59
3/8	1/4*	1069x6	.312	.78	.62
1/2	3/8*	1069x8	.406	.98	.81

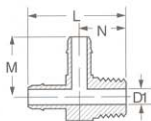
90° Female Elbow



Tubing O.D.	Fem. Pipe Thread	Catalog Number	M	N
1/4	1/8	1070x4	.75	.58
3/8	1/8	1070x6x2	.78	.48
3/8	1/4	1070x6	.84	.81

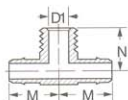
Union Tee


Tubing O.D.	Catalog Number	M	N	M1
1/4	1064x4	.70	.70	.70
3/8x3/8x1/4	1064x6x6x4	.70	.74	.70
3/8	1064x6	.68	.67	.68
3/8x1/2x3/8	1064x6x8x6	.67	.73	.79
1/2x1/2x1/4	1064x8x8x4	.82	.80	.82
1/2x1/2x3/8	1064x8x8x6	.79	.73	.79
1/2	1064x8	.86	.86	.86

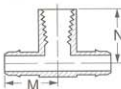
Male Run Tee


*PTF Short Thread

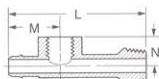
Tubing O.D.	Male Pipe Thread	Catalog Number	D1	L	M	N
1/4	1/8	1071x4	.188	1.21	.71	.59
3/8	1/8	1071x6x2	.188	1.26	.71	.59
3/8	1/4*	1071x6*	.312	1.26	.78	.61

Male Branch Tee


Tubing O.D.	Male Pipe Thread	Catalog Number	D1	M	N
1/4	1/16	1072x4x1*	.156	.67	.55
1/4	1/8	1072x4	.188	.72	.59
3/8	1/8	1072x6x2	.188	.72	.59
3/8	1/4	1072x6	.312	.78	.62

Female Branch Tee


Tubing O.D.	Female Pipe Thread	Catalog Number	M	N
1/4	1/8	1077x4	.77	.48

Adapter Tee


*PTF Special Short Thread

Tubing O.D.	M&F Pipe Thread	Catalog Number	L	M	N
1/4	1/8*	1075x4	2.00	.75	.39