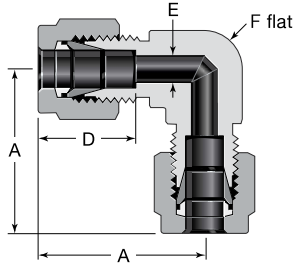


## 90° Elbows

### Unions



Tube ports are identical.

Tube OD	Basic Ordering Number	Dimensions			
		A	D	E	F
<b>Dimensions, in.</b>					
1/16	-100-9	0.70	0.34	0.05	3/8
1/8	-200-9	0.88	0.50	0.09	3/8
3/16	-300-9	1.00	0.54	0.12	1/2
1/4	-400-9	1.06	0.60	0.19	1/2
5/16	-500-9	1.13	0.64	0.25	9/16
3/8	-600-9	1.20	0.66	0.28	5/8
1/2	-810-9	1.42	0.90	0.41	13/16
5/8	-1010-9	1.50	0.96	0.50	15/16
3/4	-1210-9	1.57	0.96	0.62	1 1/16
7/8	-1410-9	1.76	1.02	0.72	1 3/8
1	-1610-9	1.93	1.23	0.88	1 3/8
1 1/8	B-1810-9	2.17	1.23	0.97	1 11/16
1 1/4	-2000-9	2.67	1.62	1.09	1 11/16
1 1/2	-2400-9	3.10	1.97	1.34	2
2	-3200-9	4.22	2.66	1.81	2 3/4

Tube OD	Basic Ordering Number	Dimensions			
		A	D	E	F, in.
<b>Dimensions, mm</b>					
3	-3M0-9	22.3	12.9	2.4	3/8
4	-4M0-9	25.4	13.7	2.4	1/2
6	-6M0-9	27.0	15.3	4.8	1/2
8	-8M0-9	28.8	16.2	6.4	9/16
10	-10M0-9	31.5	17.2	7.9	11/16
12	-12M0-9	36.0	22.8	9.5	13/16
14	-14M0-9	38.0	24.4	11.1	15/16
15	-15M0-9	38.0	24.4	11.9	15/16
16	-16M0-9	38.0	24.4	12.7	15/16
18	-18M0-9	39.8	24.4	15.1	1 1/16
20	-20M0-9	44.6	26.0	15.9	1 3/8
22	-22M0-9	44.6	26.0	18.3	1 3/8
25	-25M0-9	49.1	31.3	21.8	1 3/8
28	-28M0-9	64.0	36.6	21.8	41 mm
	B-28M0-9	55.4	31.6	24.6	1 11/16
30	-30M0-9	69.9	39.6	26.2	46 mm
32	-32M0-9	72.3	42.0	28.6	46 mm
38	-38M0-9	84.0	49.4	33.7	55 mm
50	-50M0-9	106	65.0	45.2	2 3/4

Refer to Installation Instructions, beginning on page 69.