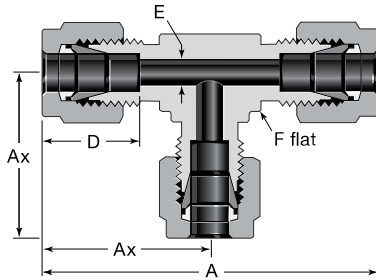


Tees

Unions

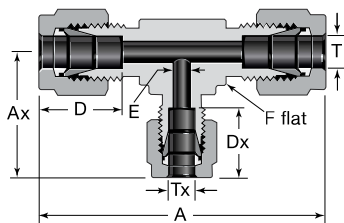


Union

Tube OD	Basic Ordering Number	Dimensions				
		A	Ax	D	E	F
Dimensions, in.						
1/16	-100-3	1.40	0.70	0.34	0.05	3/8
1/8	-200-3	1.76	0.88	0.50	0.09	3/8
3/16	-300-3	1.92	0.96	0.54	0.12	7/16
1/4	-400-3	2.12	1.06	0.60	0.19	1/2
5/16	-500-3	2.34	1.17	0.64	0.25	5/8
3/8	-600-3	2.40	1.20	0.66	0.28	5/8
1/2	-810-3	2.84	1.42	0.90	0.41	13/16
5/8	-1010-3	3.06	1.53	0.96	0.50	1
3/4	-1210-3	3.14	1.57	0.96	0.62	1 1/16
7/8	-1410-3	3.52	1.76	1.02	0.72	1 3/8
1	-1610-3	3.86	1.93	1.23	0.88	1 3/8
1 1/8	B-1810-3	4.34	2.17	1.23	0.97	1 11/16
1 1/4	-2000-3	5.34	2.67	1.62	1.09	1 11/16
1 1/2	-2400-3	6.20	3.10	1.97	1.34	2
2	-3200-3	8.44	4.22	2.66	1.81	2 3/4

Tube OD	Basic Ordering Number	Dimensions				
		A	Ax	D	E	F, in.
Dimensions, mm						
2	-2M0-3	44.7	22.3	12.9	1.7	3/8
3	-3M0-3	44.7	22.3	12.9	2.4	3/8
4	-4M0-3	50.8	25.4	13.7	2.4	1/2
6	-6M0-3	53.9	27.0	15.3	4.8	1/2
8	-8M0-3	59.7	29.9	16.2	6.4	5/8
10	-10M0-3	63.0	31.5	17.2	7.9	11/16
12	-12M0-3	72.0	36.0	22.8	9.5	13/16
14	-14M0-3	77.6	38.8	24.4	11.1	1
15	-15M0-3	77.6	38.8	24.4	11.9	1
16	-16M0-3	77.6	38.8	24.4	12.7	1
18	-18M0-3	79.6	39.8	24.4	15.1	1 1/16
20	-20M0-3	89.3	44.6	26.0	15.9	1 3/8
22	-22M0-3	89.3	44.6	26.0	18.3	1 3/8
25	-25M0-3	98.3	49.1	31.3	21.8	1 3/8
28	-28M0-3	128	64.0	36.6	21.8	41 mm
	B-28M0-3	103	51.4	31.6	24.6	1 11/16
30	-30M0-3	140	69.9	39.6	26.2	46 mm
32	-32M0-3	145	72.3	42.0	28.6	46 mm
38	-38M0-3	168	84.0	49.4	33.7	55 mm
50	-50M0-3	211	106	65.0	45.2	2 3/4

Reducing Union (Fractional)



Tube OD		Basic Ordering Number	Dimensions					
T	Tx		A	Ax	D	Dx	E	F
Dimensions, in.								
3/8	1/4	-600-3-6-4	2.40	1.14	0.66	0.60	0.19	5/8
1/2	1/4	-810-3-8-4	2.84	1.25	0.90	0.60	0.19	13/16
	3/8	-810-3-8-6		0.66		0.28		
5/8	3/8	-1010-3-10-6	3.06	1.42	0.96	0.66	0.28	1
3/4	3/8	-1210-3-12-6	3.14	1.46	0.96	0.66	0.28	1 1/16
	1/2	-1210-3-12-8		1.57		0.90	0.41	
1	3/8	-1610-3-16-6	3.86	1.65	1.23	0.66	0.28	1 3/8
	1/2	-1610-3-16-8		1.76		0.90	0.41	
	3/4	-1610-3-16-12		1.76		0.96	0.62	
1 1/4	1	-2000-3-20-16	5.34	2.17	1.62	1.23	0.88	1 11/16
1 1/2	1	-2400-3-24-16	6.20	2.36	1.97	1.23	0.88	2
2	1	-3200-3-32-16	8.44	2.79	2.66	1.23	0.88	2 3/4

Refer to Installation Instructions, beginning on page 69.