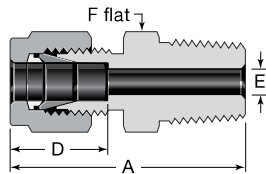


Straight Fittings

Male Connectors



NPT

Tube OD	NPT Size	Basic Ordering Number	Dimensions			
			A	D	E ^①	F
Dimensions, in.						
1/16	1/16	-100-1-1	0.94	0.34	0.05	5/16
	1/8	-100-1-2	1.03			7/16
	1/4	-100-1-4	1.22			9/16
1/8	1/16	-200-1-1	1.17	0.50	0.09	7/16
	1/8	-200-1-2	1.20			7/16
	1/4	-200-1-4	1.40			9/16
	3/8	-200-1-6	1.41			11/16
	1/2	-200-1-8	1.66			7/8
3/16	1/8	-300-1-2	1.23	0.54	0.12	7/16
	1/4	-300-1-4	1.43			9/16
1/4	1/16	-400-1-1	1.29	0.60	0.12	1/2
	1/8	-400-1-2	1.29			1/2
	1/4	-400-1-4	1.49			9/16
	3/8	-400-1-6	1.51			11/16
	1/2	-400-1-8	1.76			7/8
	3/4	-400-1-12	1.82			1 1/16
5/16	1/8	-500-1-2	1.34	0.64	0.19	9/16
	1/4	-500-1-4	1.52			9/16
	3/8	-500-1-6	1.54			11/16
3/8	1/8	-600-1-2	1.39	0.66	0.19	5/8
	1/4	-600-1-4	1.57			5/8
	3/8	-600-1-6	1.57			11/16
	1/2	-600-1-8	1.82			7/8
	3/4	-600-1-12	1.88			1 1/16
	1	-600-1-16	2.14			1 3/8
1/2	1/8	-810-1-2	1.53	0.90	0.19	13/16
	1/4	-810-1-4	1.71			13/16
	3/8	-810-1-6	1.71			13/16
	1/2	-810-1-8	1.93			7/8
	3/4	-810-1-12	1.99			1 1/16
	1	-810-1-16	2.25			1 3/8
5/8	1/4	-1010-1-4	1.74	0.96	0.28	15/16
	3/8	-1010-1-6	1.74			15/16
	1/2	-1010-1-8	1.93			15/16
	3/4	-1010-1-12	1.99			1 1/16
3/4	3/8	-1210-1-6	1.80	0.96	0.41	1 1/16
	1/2	-1210-1-8	1.99			1 1/16
	3/4	-1210-1-12	1.99			1 1/16
	1	-1210-1-16	2.25			1 3/8
7/8	1/2	-1410-1-8	1.99	1.02	0.47	1 3/16
	3/4	-1410-1-12	1.99			1 3/16
	1	-1410-1-16	2.25			1 3/8
1	1/2	-1610-1-8	2.26	1.23	0.47	1 3/8
	3/4	-1610-1-12	2.26			1 3/8
	1	-1610-1-16	2.45			1 3/8
1 1/8	1	B-1810-1-16	2.45	1.23	0.88	1 5/8
1 1/4	1	-2000-1-16	3.04	1.62	0.88	1 3/4
	1 1/4	-2000-1-20	3.04			1 3/4
1 1/2	1 1/2	-2400-1-24	3.50	1.97	1.34	2 1/8
2	2	-3200-1-32	4.47	2.66	1.81	2 3/4

① The E dimension is the minimum nominal opening. These fittings may have a larger opening at the pipe/straight thread end.

Tube OD	NPT Size in.	Basic Ordering Number	Dimensions			
			A	D	E ^①	F
Dimensions, mm						
2	1/8	-2M0-1-2	30.5	12.9	1.7	12
3	1/8	-3M0-1-2	30.5	12.9	2.4	12
	1/4	-3M0-1-4	35.6			14
4	1/8	-4M0-1-2	31.2	13.7	2.4	12
	1/4	-4M0-1-4	36.3			14
6	1/8	-6M0-1-2	32.8	15.3	4.8	14
	1/4	-6M0-1-4	37.9			14
	3/8	-6M0-1-6	38.4			18
	1/2	-6M0-1-8	44.7			22
8	1/8	-8M0-1-2	34.2	16.2	4.8	15
	1/4	-8M0-1-4	38.7			15
	3/8	-8M0-1-6	39.3			18
	1/2	-8M0-1-8	45.6			22
10	1/8	-10M0-1-2	36.3	17.2	4.8	18
	1/4	-10M0-1-4	40.9			18
	3/8	-10M0-1-6	40.9			18
	1/2	-10M0-1-8	46.5			22
12	1/8	-12M0-1-2	38.8	22.8	4.8	22
	1/4	-12M0-1-4	43.4			22
	3/8	-12M0-1-6	43.4			22
	1/2	-12M0-1-8	49.0			22
14	1/8	-14M0-1-2	38.8	24.4	4.8	22
	1/4	-14M0-1-4	43.4			22
	3/8	-14M0-1-6	43.4			22
	1/2	-14M0-1-8	49.0			22
15	1/4	-14M0-1-4	44.1	24.4	7.1	24
	3/8	-14M0-1-6	44.1			24
	1/2	-14M0-1-8	49.0			24
16	3/8	-16M0-1-6	44.1	24.4	9.5	24
	1/2	-16M0-1-8	49.0			24
	3/4	-16M0-1-12	50.5			27
18	1/2	-18M0-1-8	50.5	24.4	11.9	27
	3/4	-18M0-1-12	50.5			27
20	1/2	-20M0-1-8	52.3	26.0	11.9	30
	3/4	-20M0-1-12	52.3			30
22	3/4	-22M0-1-12	52.3	26.0	15.9	30
	1	-22M0-1-16	57.1			35
25	1/2	-25M0-1-8	57.5	31.3	11.9	35
	3/4	-25M0-1-12	57.5			35
	1	-25M0-1-16	62.3			35
28	1	-28M0-1-16	72.4	36.6	21.8	41
	1 1/4	-28M0-1-20	73.1			46
	1	B-28M0-1-16	75.0			41
30	1 1/4	B-28M0-1-20	77.3	31.6	24.6	46
	1 1/4	-30M0-1-20	77.2			46
32	1 1/4	-32M0-1-20	79.6	42.0	28.6	46
38	1 1/2	-38M0-1-24	91.6	49.4	33.7	55

① The E dimension is the minimum nominal opening. These fittings may have a larger opening at the pipe/straight thread end.

Refer to Installation Instructions, beginning on page 69.