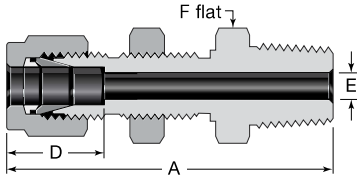


Straight Fittings

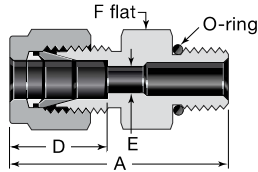
Male Connectors



Bulkhead NPT

Tube OD	NPT Size in.	Basic Ordering Number	Dimensions					
			A	D	E ^①	F	Panel Hole Size	Max Panel Thickness
Dimensions, in.								
1/8	1/8	-200-11-2	1.83	0.50	0.09	1/2	21/64	0.50
1/4	1/8	-400-11-2	1.95	0.60	0.19	5/8	29/64	0.40
	1/4	-400-11-4	2.13					
3/8	1/4	-600-11-4	2.26	0.66	0.28	3/4	37/64	0.44
	3/8	-600-11-6	2.26					
	1/2	-600-11-8	2.51					
1/2	3/8	-810-11-6	2.49	0.90	0.38	15/16	49/64	0.50
	1/2	-810-11-8	2.71					
3/4	3/4	-1210-11-12	3.00	0.96	0.62	1 3/16	1 1/64	0.66
1	1	-1610-11-16	3.67	1.23	0.88	1 5/8	1 21/64	0.75
Dimensions, mm								
6	1/8	-6M0-11-2	49.5	15.3	4.8	16	11.5	10.2
	1/4	-6M0-11-4	53.6					
12	1/2	-12M0-11-8	68.8	22.8	9.5	24	19.5	12.7

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



Adapts to SAE J1926/1 and ISO 11926-1 straight thread boss.

SAE/MS Straight Thread (ST)

Tube OD	SAE/MS Thread Size	Basic Ordering Number	Dimensions			
			A	D	E ^①	F
Dimensions, in.						
1/8	5/16-24	-200-1-2ST	1.18	0.50	0.09	7/16
	7/16-20	-200-1-4ST	1.24			9/16
	9/16-18	-200-1-6ST	1.31			11/16
1/4	5/16-24	-400-1-2ST	1.27	0.60	0.19	1/2
	7/16-20	-400-1-4ST	1.34			9/16
	9/16-18	-400-1-6ST	1.40			11/16
	3/4-16	-400-1-8ST	1.48			7/8
	7/8-14	-400-1-10ST	1.60			1
	5/16	1/2-20	-500-1-5ST			1.37
3/8	7/16-20	-600-1-4ST	1.40	0.66	0.18	5/8
	9/16-18	-600-1-6ST	1.46			11/16
	3/4-16	-600-1-8ST	1.54			7/8
	7/8-14	-600-1-10ST	1.66			1
1/2	9/16-18	-810-1-6ST	1.54	0.90	0.28	13/16
	3/4-16	-810-1-8ST	1.65			7/8
	7/8-14	-810-1-10ST	1.77			1
	1 1/16-12	-810-1-12ST	1.93			1 1/4
5/8	3/4-16	-1010-1-8ST	1.65	0.96	0.42	15/16
	7/8-14	-1010-1-10ST	1.78			1
3/4	3/4-16	-1210-1-8ST	1.81	0.96	0.42	1 1/16
	1 1/16-12	-1210-1-12ST	1.93			1 1/4
	1 5/16-12	-1210-1-16ST	1.96			1 1/2
7/8	1 3/16-12	-1410-1-14ST	1.93	1.02	0.72	1 3/8
	1	1 1/16-12	-1610-1-12ST	2.10	1.23	0.66
1 5/16-12		-1610-1-16ST	2.14	1 1/2		
1 1/4	1 5/8-12	-2000-1-20ST	2.69	1.62	1.09	1 7/8
1 1/2	1 7/8-12	-2400-1-24ST	3.06	1.97	1.34	2 1/8
2	2 1/2-12	-3200-1-32ST	4.00	2.66	1.81	2 3/4

Refer to Installation Instructions, beginning on page 69.

Tube OD	SAE/MS Thread Size	Basic Ordering Number	Dimensions			
			A	D	E ^①	F
Dimensions, mm						
6	9/16-18	-6M0-1-6ST	35.6	15.3	4.8	18
10	9/16-18	-10M0-1-6ST	37.3	17.2	7.1	18
	3/4-16	-10M0-1-8ST	39.4			22
12	7/16-20	-12M0-1-4ST	40.6	22.8	5.2	22
	9/16-18	-12M0-1-6ST	39.9			7.1
	3/4-16	-12M0-1-8ST	41.9			9.5

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

Long SAE/MS Straight Thread (ST)

Tube OD	SAE/MS Thread Size	Basic Ordering Number	Dimensions			
			A	D	E ^①	F
Dimensions, in.						
1/4	7/16-20	-400-1L-4ST	2.26	0.60	0.19	9/16
1/2	3/4-16	-810-1L-8ST	3.01	0.90	0.41	7/8

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

For ST and ST positionable fittings used in ECE-R110 applications, add the **DE** O-ring suffix to the ordering number. Example: SS-600-1-6STDE

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