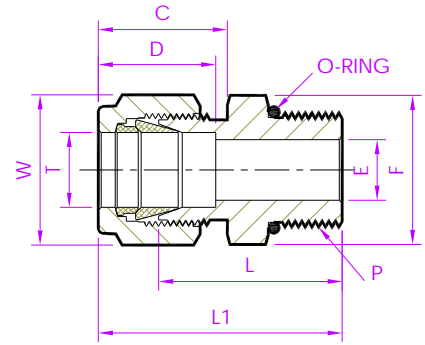


- Tube Fitting (Double Ferrule)-
Tube To Male Pipe Thread

Male Connector



Fractional Tube x SAE/MS Straight (M)

TubeFit Part No.	Equivalent Part No. Type 1	Equivalent Part No. Type 2	TUBE OD Ø T	SAE/MS Male Pipe Size P	ØE	D	C	L	L1	Body Hex F	Nut Hex W
Dimensions in Inches											
1 - MCD - 5SM	- 100 - 1 - 2ST	1M1SC2	1/16	5/16x24	0.05	0.34	0.43	0.72	0.92	7/16	5/16
2 - MCD - 5SM	- 200 - 1 - 2ST	2M1SC2	1/8	5/16x24	0.09	0.50	0.60	0.92	1.18	7/16	7/16
2 - MCD - 7SM	- 200 - 1 - 4ST	2M1SC4		7/16x20	0.09			0.98	1.24	9/16	
2 - MCD - 9SM	- 200 - 1 - 6ST	2M1SC6		9/16x18	0.09			1.05	1.31	11/16	
3 - MCD - 6SM	- 300 - 1 - 3ST	3M1SC3	3/16	3/8x24	0.12	0.54	0.63	0.94	1.20	9/16	1/2
4 - MCD - 7SM	- 400 - 1 - 4ST	4M1SC4	1/4	7/16x20	0.19	0.60	0.70	1.05	1.34	9/16	9/16
4 - MCD - 9SM	- 400 - 1 - 6ST	4M1SC6		9/16x18	0.19			1.11	1.40	11/16	
4 - MCD - 12SM	- 400 - 1 - 8ST	4M1SC8		3/4x16	0.19			1.19	1.48	7/8	
4 - MCD - 14SM	- 400 - 1 - 10ST	4M1SC10		7/8x14	0.19			1.31	1.60	1	
5 - MCD - 8SM	- 500 - 1 - 5ST	5M1SC5	5/16	1/2x20	0.25	0.64	0.73	1.08	1.37	5/8	5/8
6 - MCD - 7SM	- 600 - 1 - 4ST	6M1SC4	3/8	7/16x20	0.20	0.66	0.76	1.11	1.40	5/8	11/16
6 - MCD - 9SM	- 600 - 1 - 6ST	6M1SC6		9/16x18	0.28			1.17	1.46	11/16	
6 - MCD - 12SM	- 600 - 1 - 8ST	6M1SC8		3/4x16	0.28			1.25	1.54	7/8	
6 - MCD - 14SM	- 600 - 1 - 10ST	6M1SC10		7/8x14	0.28			1.37	1.66	1	
8 - MCD - 9SM	- 810 - 1 - 6ST	8M1SC6	1/2	9/16x18	0.28	0.90	0.86	1.14	1.54	13/16	7/8
8 - MCD - 12SM	- 810 - 1 - 8ST	8M1SC8		3/4x16	0.41			1.25	1.65	7/8	
8 - MCD - 14SM	- 810 - 1 - 10ST	8M1SC10		7/8x14	0.41			1.37	1.77	1	
8 - MCD - 17SM	- 810 - 1 - 12ST	8M1SC12		1.1/16x12	0.41			1.53	1.93	1.1/4	
10 - MCD - 12SM	- 1010 - 1 - 8ST	10M1SC8	5/8	3/4x16	0.42	0.96	0.86	1.25	1.65	15/16	1
10 - MCD - 14SM	- 1010 - 1 - 10ST	10M1SC10		7/8x14	0.50			1.38	1.78	1	
12 - MCD - 12SM	- 1210 - 1 - 8ST	12M1SC8	3/4	3/4x16	0.42	0.96	0.86	1.41	1.81	1.1/16	1.1/8
12 - MCD - 17SM	- 1210 - 1 - 12ST	12M1SC12		1.1/16x12	0.62			1.53	1.93	1.1/4	
14 - MCD - 19SM	- 1410 - 1 - 14ST	14M1SC14	7/8	1.3/16x12	0.72	1.02	0.86	1.53	1.93	1.3/8	1.1/4
16 - MCD - 17SM	- 1610 - 1 - 12ST	16M1SC12	1	1.1/16x12	0.66	1.23	1.04	1.62	2.10	1.3/8	1.1/2
16 - MCD - 21SM	- 1610 - 1 - 16ST	16M1SC16		1.5/16x12	0.88			1.66	2.14	1.1/2	

NOTE: 1)The E Dimension is the minimum opening & fittings of this group may be back drilling to larger ID at pipe thread or straight thread end.
2)Dimension L1, C, D is shown in the finger-tight position. 3)Dimensions are for reference only and are subject to change 4)SAE/MS (UNF) thread as per ASME B1.1.
- ALL PART NUMBERS ARE PROPRIETARY OF THEIR RESPECTIVE OWNERS. -