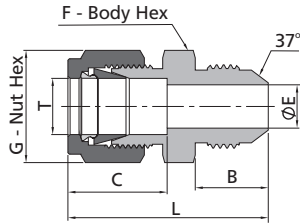
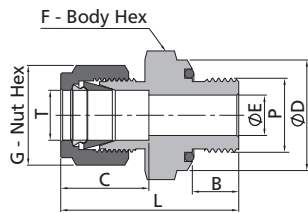


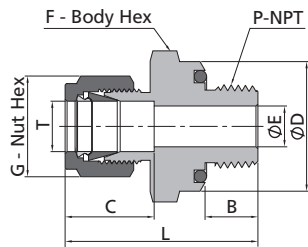
Male Connectors



The E dimension refers to the smallest nominal orifice. It might be larger at tapered thread end, straight thread end.



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Fractional Tube			37° Flare (AN)						
T-Tube O.D. (in.)	AN Tube Flare Size	Basic Ordering Number	Dimensions, in. (mm)						
			L	B	C	E	G	F	
1/16	1/8	-CM-FL1-AN2	1.07(27.2)	0.45(11.4)	0.34(8.6)	0.05(1.3)	0.31(7.9)	0.44(11.1)	
1/8	1/8	-CM-FL2-AN2	1.27(32.3)	0.45(11.4)	0.50(12.7)	0.06(1.5)	0.44(11.1)	0.44(11.1)	
1/8	1/4	-CM-FL2-AN4	1.38(35.1)	0.55(14.0)	0.50(12.7)	0.09(2.3)	0.44(11.1)	0.50(12.7)	
3/16	3/16	-CM-FL3-AN3	1.32(33.5)	0.48(12.2)	0.54(13.7)	0.12(3.0)	0.50(12.7)	0.44(11.1)	
1/4	1/4	-CM-FL4-AN4	1.48(37.6)	0.55(14.0)	0.60(15.2)	0.17(4.3)	0.56(14.3)	0.50(12.7)	
5/16	5/16	-CM-FL5-AN5	1.51(38.4)	0.55(14.0)	0.64(16.2)	0.23(5.8)	0.63(15.9)	0.56(14.3)	
3/8	1/4	-CM-FL6-AN4	1.56(39.6)	0.55(14.0)	0.66(16.8)	0.17(4.3)	0.69(17.5)	0.63(15.9)	
3/8	3/8	-CM-FL6-AN6	1.56(39.6)	0.56(14.1)	0.66(16.8)	0.28(7.1)	0.69(17.5)	0.63(15.9)	
1/2	1/2	-CM-FL8-AN8	1.81(46.0)	0.66(16.7)	0.90(22.8)	0.39(9.9)	0.87(22.2)	0.81(20.6)	
5/8	5/8	-CM-FL10-AN10	1.93(49.0)	0.76(19.3)	0.96(24.5)	0.48(12.3)	1.00(25.4)	0.94(23.8)	
3/4	3/4	-CM-FL12-AN12	2.10(53.3)	0.86(21.9)	0.96(24.4)	0.61(15.5)	1.13(28.6)	1.13(28.6)	
1	1	-CM-FL16-AN16	2.42(61.5)	0.91(23.1)	1.23(31.2)	0.84(21.3)	1.50(38.1)	1.37(34.9)	

Fractional Tube				SAE/MS Straight Threads (OST)						
T-Tube O.D. (in.)	P-SAE Nominal Size	P-SAE/MS Thread Specification	Basic Ordering Number	Dimensions, in. (mm)						
				L	B	C	E	G	F	D
1/16	2	5/16-24	-CM-FL1-OST5	1.05(26.7)	0.34(8.6)	0.34(8.6)	0.05(1.3)	0.31(7.9)	0.56(14.3)	0.55(14.0)
1/8	2	5/16-24	-CM-FL2-OST5	1.29(32.8)	0.34(8.6)	0.50(12.7)	0.09(2.3)	0.44(11.1)	0.56(14.3)	0.55(14.0)
3/16	3	3/8-24	-CM-FL3-OST6	1.35(34.3)	0.38(9.7)	0.54(13.7)	0.12(3.0)	0.50(12.7)	0.63(15.9)	0.62(15.7)
1/4	4	7/16-20	-CM-FL4-OST7	1.51(38.4)	0.41(10.4)	0.60(15.2)	0.19(4.8)	0.56(14.3)	0.75(19.1)	0.74(18.8)
5/16	5	1/2-20	-CM-FL5-OST8	1.60(40.6)	0.44(11.2)	0.64(16.3)	0.25(6.4)	0.63(15.9)	0.87(22.2)	0.86(21.8)
3/8	6	9/16-18	-CM-FL6-OST9	1.67(42.4)	0.47(11.9)	0.66(16.8)	0.28(7.1)	0.69(17.5)	0.94(23.8)	0.93(23.6)
1/2	8	3/4-16	-CM-FL8-OST12	1.81(46.0)	0.47(11.9)	0.90(22.9)	0.41(10.4)	0.87(22.2)	1.13(28.6)	1.12(28.4)
3/4	12	1 1/16-12	-CM-FL12-OST17	2.06(52.3)	0.56(14.2)	0.96(24.4)	0.62(15.7)	1.13(28.6)	1.50(38.1)	1.49(37.8)
1	16	1 5/16-12	-CM-FL16-OST21	2.29(58.2)	0.56(14.2)	1.23(31.2)	0.88(22.4)	1.50(38.1)	1.75(44.5)	1.74(44.2)

Fractional Tube			O-Seal with NPT Thread						
T-Tube O.D. (in.)	P-NPT Size	Basic Ordering Number	Dimensions, in. (mm)						
			L	B	C	E	G	F	D
1/8	1/8	-CM-FL2-ONS2	1.29(32.8)	0.28(7.1)	0.34(8.6)	0.09(2.3)	0.47(11.9)	0.75(19.1)	0.74(18.8)
1/4	1/8	-CM-FL4-ONS2	1.38(35.1)	0.28(7.1)	0.60(15.2)	0.19(4.8)	0.56(14.3)	0.75(19.1)	0.74(18.8)
1/4	1/4	-CM-FL4-ONS4	1.51(38.4)	0.38(9.7)	0.60(15.2)	0.19(4.8)	0.56(14.3)	0.94(23.8)	0.93(23.6)
3/8	1/4	-CM-FL6-ONS4	1.57(39.9)	0.38(9.7)	0.66(16.8)	0.28(7.1)	0.69(17.5)	0.94(23.8)	0.93(23.6)
3/8	3/8	-CM-FL6-ONS6	1.63(41.4)	0.41(10.4)	0.66(16.8)	0.28(7.1)	0.69(17.5)	1.13(28.6)	1.12(28.4)
3/8	1/2	-CM-FL6-ONS8	1.85(47.0)	0.53(13.5)	0.66(16.8)	0.28(7.1)	0.69(17.5)	1.31(33.3)	1.30(33.0)
1/2	1/2	-CM-FL8-ONS8	1.96(49.8)	0.53(13.5)	0.90(22.9)	0.41(10.4)	0.87(22.2)	1.31(33.3)	1.30(33.0)