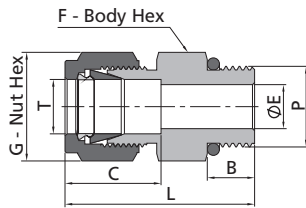
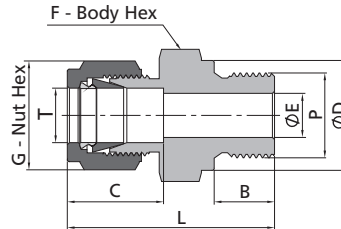


Male Connectors



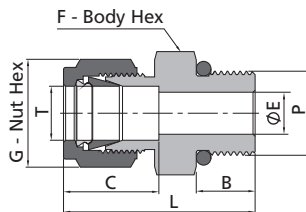
1. The E dimension refers to the smallest nominal orifice. It might be larger at tapered thread end, straight thread end.
2. Adapt to straight thread boss of SAE J1926-1, ISO 11926-1 and MS 16142.



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

Metric Tube				SAE/MS Straight Threads (ST)					
T-Tube O.D. (mm)	P-SAE Nominal Size	P-SAE/MS Thread Specification	Basic Ordering Number	Dimensions, mm (in.)					
				L	B	C	E	G	F
6	6	9/16-18	-CM-ML6-ST9	35.6(1.40)	9.9(0.39)	15.3(0.60)	4.8(0.19)	14.0(0.55)	18.0(0.71)
10	6	9/16-18	-CM-ML10-ST9	37.3(1.47)	9.9(0.39)	17.2(0.68)	7.1(0.28)	19.0(0.75)	18.0(0.71)
10	8	3/4-16	-CM-ML10-ST12	39.4(1.55)	11.2(0.44)	17.2(0.68)	7.9(0.31)	19.0(0.75)	22.0(0.87)
12	4	7/16-20	-CM-ML12-ST7	40.6(1.60)	9.1(0.36)	22.8(0.90)	5.2(0.20)	22.0(0.87)	22.0(0.87)
12	6	9/16-18	-CM-ML12-ST9	39.9(1.57)	9.9(0.39)	22.8(0.90)	7.1(0.28)	22.0(0.87)	22.0(0.87)

Metric Tube			Metric Thread (MRS)						
T-Tube O.D. (mm)	P-Metric Thread Size	Basic Ordering Number	Dimensions, mm (in.)						
			L	B	C	E	G	F	D
6	M8 x 1	-CM-ML6-MRS8	33.3(1.31)	8.0(0.31)	15.3(0.60)	3.0(0.12)	14.0(0.55)	14.0(0.55)	12.0(0.47)
6	M10 x 1	-CM-ML6-MRS10	33.3(1.31)	8.0(0.31)	15.3(0.60)	4.0(0.16)	14.0(0.55)	14.0(0.55)	14.0(0.55)
6	M12 x 1.5	-CM-ML6-MRS12	38.2(1.50)	12.0(0.47)	15.3(0.60)	4.8(0.19)	14.0(0.55)	18.0(0.71)	17.0(0.67)
6	M14 x 1.5	-CM-ML6-MRS14	39.7(1.56)	12.0(0.47)	15.3(0.60)	4.8(0.19)	14.0(0.55)	22.0(0.87)	19.0(0.75)
8	M8 x 1	-CM-ML8-MRS8	34.1(1.34)	8.0(0.31)	16.2(0.64)	3.0(0.12)	16.0(0.63)	14.0(0.55)	12.0(0.47)
8	M10 x 1	-CM-ML8-MRS10	34.1(1.34)	8.0(0.31)	16.2(0.64)	5.0(0.20)	16.0(0.63)	14.0(0.55)	14.0(0.55)
8	M12 x 1.5	-CM-ML8-MRS12	40.4(1.59)	12.0(0.47)	16.2(0.64)	6.0(0.24)	16.0(0.63)	18.0(0.71)	17.0(0.67)
8	M14 x 1.5	-CM-ML8-MRS14	40.4(1.59)	12.0(0.47)	16.2(0.64)	6.4(0.25)	16.0(0.63)	19.0(0.75)	19.0(0.75)
10	M12 x 1.5	-CM-ML10-MRS12	40.7(1.60)	12.0(0.47)	17.2(0.68)	6.0(0.24)	19.0(0.75)	18.0(0.71)	17.0(0.67)
10	M14 x 1.5	-CM-ML10-MRS14	39.5(1.56)	12.0(0.47)	17.2(0.68)	7.9(0.31)	19.0(0.75)	19.0(0.75)	19.0(0.75)
12	M16 x 1.5	-CM-ML12-MRS16	45.5(1.79)	12.0(0.47)	22.8(0.90)	9.0(0.35)	22.0(0.87)	22.0(0.87)	21.0(0.83)
12	M20 x 1.5	-CM-ML12-MRS20	47.2(1.86)	14.0(0.55)	22.8(0.90)	9.5(0.37)	22.0(0.87)	25.0(0.98)	25.0(0.98)
12	M22 x 1.5	-CM-ML12-MRS22	47.5(1.87)	14.0(0.55)	22.8(0.90)	9.5(0.37)	22.0(0.87)	27.0(1.06)	27.0(1.06)
14	M14 x 1.5	-CM-ML14-MRS14	44.9(1.77)	12.0(0.47)	24.4(0.96)	8.0(0.31)	25.0(0.98)	24.0(0.94)	19.0(0.75)
14	M20 x 1.5	-CM-ML14-MRS20	48.0(1.89)	14.0(0.55)	24.4(0.96)	11.1(0.44)	25.0(0.98)	27.0(1.06)	25.0(0.98)
16	M20 x 1.5	-CM-ML16-MRS20	48.0(1.89)	14.0(0.55)	24.4(0.96)	12.0(0.47)	25.0(0.98)	25.0(0.98)	25.0(0.98)
18	M20 x 1.5	-CM-ML18-MRS20	48.5(1.91)	14.0(0.55)	24.4(0.96)	12.0(0.47)	30.0(1.18)	27.0(1.06)	25.0(0.98)
20	M20 x 1.5	-CM-ML20-MRS20	50.0(1.97)	14.0(0.55)	26.0(1.02)	12.0(0.47)	32.0(1.26)	30.0(1.18)	25.0(0.98)
22	M24 x 1.5	-CM-ML22-MRS24	50.5(1.99)	14.0(0.55)	26.0(1.02)	15.0(0.59)	32.0(1.26)	30.0(1.18)	28.8(1.13)
25	M27 x 2	-CM-ML25-MRS27	57.5(2.26)	16.0(0.63)	31.3(1.23)	16.8(0.66)	38.0(1.50)	35.0(1.38)	32.0(1.26)



1. The E dimension refers to the smallest nominal orifice. It might be larger at tapered thread end, straight thread end.
2. Adapt to straight thread boss of ISO 6149-1.

Metric Tube			Metric Thread (MST)					
T-Tube O.D. (mm)	P-Metric Thread Size	Basic Ordering Number	Dimensions, mm (in.)					
			L	B	C	E	G	F
6	M14 x 1.5	-CM-ML6-MST14	38.7(1.52)	11.0(0.43)	15.3(0.60)	4.8(0.19)	14.0(0.55)	19.0(0.75)
10	M14 x 1.5	-CM-ML10-MST14	40.0(1.57)	11.0(0.43)	17.2(0.68)	7.5(0.30)	19.0(0.75)	19.0(0.75)
10	M20 x 1.5	-CM-ML10-MST20	47.2(1.86)	14.0(0.55)	17.2(0.68)	7.9(0.31)	19.0(0.75)	27.0(1.06)
12	M14 x 1.5	-CM-ML12-MST14	40.2(1.58)	11.0(0.43)	22.8(0.90)	7.5(0.30)	22.0(0.87)	22.0(0.87)
12	M20 x 1.5	-CM-ML12-MST20	47.2(1.86)	14.0(0.55)	22.8(0.90)	9.5(0.37)	22.0(0.87)	27.0(1.06)