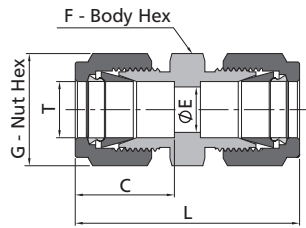
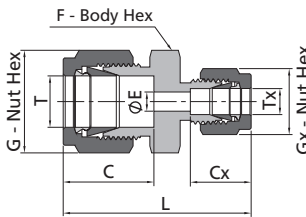


Unions



Metric Tube						
T-Tube O.D. (mm)	Basic Ordering Number	Dimensions, mm (in.)				
		L	C	G	F	E
2	-U-ML2	35.6(1.40)	12.9(0.51)	12.0(0.47)	12.0(0.47)	1.7(0.07)
3	-U-ML3	35.3(1.39)	12.9(0.51)	12.0(0.47)	12.0(0.47)	2.4(0.09)
4	-U-ML4	37.3(1.47)	13.7(0.54)	12.0(0.47)	12.0(0.47)	2.4(0.09)
6	-U-ML6	41.0(1.61)	15.3(0.60)	14.0(0.55)	14.0(0.55)	4.8(0.19)
8	-U-ML8	43.2(1.70)	16.2(0.64)	16.0(0.63)	15.0(0.59)	6.4(0.25)
10	-U-ML10	46.2(1.82)	17.2(0.68)	19.0(0.75)	18.0(0.71)	7.9(0.31)
12	-U-ML12	51.2(2.02)	22.8(0.90)	22.0(0.87)	22.0(0.87)	9.5(0.37)
14	-U-ML14	52.0(2.05)	24.4(0.96)	25.0(0.98)	24.0(0.94)	11.1(0.44)
15	-U-ML15	52.0(2.05)	24.4(0.96)	25.0(0.98)	24.0(0.94)	11.9(0.47)
16	-U-ML16	52.0(2.05)	24.4(0.96)	25.0(0.98)	24.0(0.94)	12.7(0.50)
18	-U-ML18	53.5(2.11)	24.4(0.96)	30.0(1.18)	27.0(1.06)	15.1(0.59)
20	-U-ML20	55.0(2.17)	26.0(1.02)	32.0(1.26)	30.0(1.18)	15.9(0.63)
22	-U-ML22	55.0(2.17)	26.0(1.02)	32.0(1.26)	30.0(1.18)	18.3(0.72)
25	-U-ML25	65.0(2.56)	31.3(1.23)	38.0(1.50)	35.0(1.38)	21.8(0.86)
28	-U-ML28	85.0(3.35)	36.6(1.44)	46.0(1.81)	41.0(1.61)	21.8(0.86)
30	-U-ML30	92.7(3.65)	39.6(1.56)	50.0(1.97)	46.0(1.81)	26.2(1.03)
32	-U-ML32	97.3(3.83)	42.0(1.65)	50.0(1.97)	46.0(1.81)	28.6(1.13)
38	-U-ML38	113.6(4.47)	49.4(1.94)	60.0(2.36)	55.0(2.17)	33.7(1.33)

Conversion Unions



Fractional Tube									
T-Tube O.D. (in.)	Tx-Tube O.D. (mm)	Basic Ordering Number	Dimensions, in. (mm)						
			L	C	G	F	E	Cx	Gx
1/8	3	-U-FL2-ML3	1.39(35.2)	0.50(12.7)	0.44(11.1)	0.47(12.0)	0.09(2.3)	0.51(12.9)	0.47(12.0)
1/4	4	-U-FL4-ML4	1.55(39.4)	0.60(15.2)	0.56(14.3)	0.55(14.0)	0.09(2.4)	0.54(13.7)	0.47(12.0)
1/4	6	-U-FL4-ML6	1.62(41.2)	0.60(15.2)	0.56(14.3)	0.55(14.0)	0.19(4.8)	0.60(15.3)	0.55(14.0)
3/8	6	-U-FL6-ML6	1.72(43.7)	0.66(16.8)	0.69(17.5)	0.63(16.0)	0.19(4.8)	0.60(15.3)	0.55(14.0)
3/8	8	-U-FL6-ML8	1.75(44.5)	0.66(16.8)	0.69(17.5)	0.63(16.0)	0.25(6.4)	0.64(16.2)	0.63(16.0)
1/2	6	-U-FL8-ML6	1.88(47.7)	0.90(22.9)	0.87(22.2)	0.87(22.0)	0.19(4.8)	0.60(15.3)	0.55(14.0)
1/2	10	-U-FL8-ML10	1.93(48.9)	0.90(22.9)	0.87(22.2)	0.87(22.0)	0.31(7.9)	0.68(17.2)	0.75(19.0)
1/2	12	-U-FL8-ML12	2.02(51.4)	0.90(22.9)	0.87(22.2)	0.87(22.0)	0.37(9.5)	0.90(22.8)	0.87(22.0)
3/4	12	-U-FL12-ML12	2.13(54.2)	0.96(24.4)	1.13(28.6)	1.06(27.0)	0.37(9.5)	0.90(22.8)	0.87(22.0)
3/4	16	-U-FL12-ML16	2.12(53.9)	0.96(24.4)	1.13(28.6)	1.06(27.0)	0.50(12.7)	0.96(24.4)	0.98(25.0)
3/4	18	-U-FL12-ML18	2.11(53.6)	0.96(24.4)	1.13(28.6)	1.06(27.0)	0.59(15.1)	0.96(24.4)	1.18(30.0)
1	25	-U-FL16-ML25	2.65(67.4)	1.23(31.2)	1.50(38.1)	1.38(35.0)	0.86(21.8)	1.23(31.3)	1.50(38.0)

Metric Tube			Fractional Tube							
T-Tube O.D. (mm)	Tx-Tube O.D. (in.)	Basic Ordering Number	Dimensions, mm (in.)							
			L	C	G	F	E	Cx	Gx	
4	1/8	-U-ML4-FL2	36.5(1.44)	13.7(0.54)	12.0(0.47)	12.0(0.47)	2.4(0.09)	12.7(0.50)	11.1(0.44)	
6	1/8	-U-ML6-FL2	38.5(1.52)	15.3(0.60)	14.0(0.55)	14.0(0.55)	2.4(0.09)	12.7(0.50)	11.1(0.44)	
8	1/4	-U-ML8-FL4	42.3(1.67)	16.2(0.64)	16.0(0.63)	15.0(0.59)	4.8(0.19)	15.2(0.60)	14.3(0.56)	
10	1/8	-U-ML10-FL2	41.8(1.65)	17.2(0.68)	19.0(0.75)	18.0(0.71)	2.4(0.09)	12.7(0.50)	11.1(0.44)	
10	1/4	-U-ML10-FL4	44.5(1.75)	17.2(0.68)	19.0(0.75)	18.0(0.71)	4.8(0.19)	15.2(0.60)	14.3(0.56)	
10	5/16	-U-ML10-FL5	45.1(1.78)	17.2(0.68)	19.0(0.75)	18.0(0.71)	6.4(0.25)	16.2(0.64)	15.9(0.63)	
10	3/8	-U-ML10-FL6	45.9(1.81)	17.2(0.68)	19.0(0.75)	18.0(0.71)	7.1(0.28)	16.8(0.66)	17.5(0.69)	
12	5/16	-U-ML12-FL5	47.8(1.88)	22.8(0.90)	22.0(0.87)	22.0(0.87)	6.4(0.25)	16.2(0.64)	15.9(0.63)	
12	3/8	-U-ML12-FL6	48.4(1.91)	22.8(0.90)	22.0(0.87)	22.0(0.87)	7.1(0.28)	16.8(0.66)	17.5(0.69)	
15	1/2	-U-ML15-FL8	52.0(2.05)	24.4(0.96)	25.0(0.98)	24.0(0.94)	10.4(0.41)	22.9(0.90)	22.2(0.87)	
16	5/8	-U-ML16-FL10	52.0(2.05)	24.4(0.96)	25.0(0.98)	24.0(0.94)	12.7(0.50)	24.4(0.96)	25.4(1.00)	
20	1/2	-U-ML20-FL8	55.0(2.17)	26.0(1.02)	32.0(1.26)	30.0(1.18)	10.4(0.41)	22.9(0.90)	22.2(0.87)	