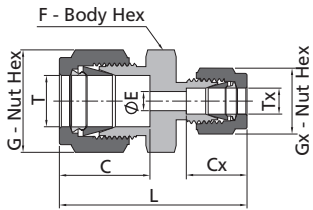
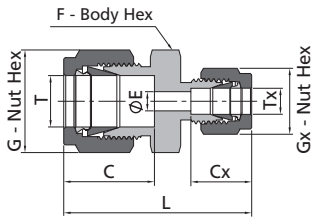


Reducing Unions



Fractional Tube

T-Tube O.D. (in.)	Tx-Tube O.D. (in.)	Basic Ordering Number	Dimensions, in. (mm)						
			L	C	G	F	E	Cx	Gx
1/8	1/16	-U-FL2-FL1	1.22(31.0)	0.50(12.7)	0.44(11.1)	0.44(11.1)	0.05(1.3)	0.34(8.6)	0.31(7.9)
3/16	1/16	-U-FL3-FL1	1.27(32.3)	0.54(13.7)	0.50(12.7)	0.44(11.1)	0.05(1.3)	0.34(8.6)	0.31(7.9)
3/16	1/8	-U-FL3-FL2	1.44(36.6)	0.54(13.7)	0.50(12.7)	0.44(11.1)	0.09(2.3)	0.50(12.7)	0.44(11.1)
1/4	1/16	-U-FL4-FL1	1.35(34.3)	0.60(15.2)	0.56(14.3)	0.50(12.7)	0.05(1.3)	0.34(8.6)	0.31(7.9)
1/4	1/8	-U-FL4-FL2	1.52(38.6)	0.60(15.2)	0.56(14.3)	0.50(12.7)	0.09(2.3)	0.50(12.7)	0.44(11.1)
1/4	3/16	-U-FL4-FL3	1.55(39.4)	0.60(15.2)	0.56(14.3)	0.50(12.7)	0.12(3.0)	0.54(13.7)	0.50(12.7)
5/16	1/8	-U-FL5-FL2	1.56(39.6)	0.64(16.2)	0.63(15.9)	0.56(14.3)	0.09(2.3)	0.50(12.7)	0.44(11.1)
5/16	1/4	-U-FL5-FL4	1.66(42.2)	0.64(16.2)	0.63(15.9)	0.56(14.3)	0.19(4.8)	0.60(15.2)	0.56(14.3)
3/8	1/16	-U-FL6-FL1	1.44(36.6)	0.66(16.8)	0.69(17.5)	0.63(15.9)	0.05(1.3)	0.34(8.6)	0.31(7.9)
3/8	1/8	-U-FL6-FL2	1.61(40.9)	0.66(16.8)	0.69(17.5)	0.63(15.9)	0.09(2.3)	0.50(12.7)	0.44(11.1)
3/8	1/4	-U-FL6-FL4	1.70(43.2)	0.66(16.8)	0.69(17.5)	0.63(15.9)	0.19(4.8)	0.60(15.2)	0.56(14.3)
3/8	5/16	-U-FL6-FL5	1.74(44.2)	0.66(16.8)	0.69(17.5)	0.63(15.9)	0.25(6.4)	0.64(16.2)	0.63(15.9)
1/2	1/8	-U-FL8-FL2	1.78(45.2)	0.90(22.8)	0.87(22.2)	0.81(20.6)	0.09(2.3)	0.50(12.7)	0.44(11.1)
1/2	1/4	-U-FL8-FL4	1.85(47.0)	0.90(22.8)	0.87(22.2)	0.81(20.6)	0.19(4.8)	0.60(15.2)	0.56(14.3)
1/2	3/8	-U-FL8-FL6	1.91(48.5)	0.90(22.8)	0.87(22.2)	0.81(20.6)	0.28(7.1)	0.66(16.8)	0.69(17.5)
5/8	3/8	-U-FL10-FL6	1.94(49.3)	0.96(24.4)	1.00(25.4)	0.94(23.9)	0.28(7.1)	0.66(16.8)	0.69(17.5)
5/8	1/2	-U-FL10-FL8	2.05(52.1)	0.96(24.4)	1.00(25.4)	0.94(23.9)	0.41(10.4)	0.90(22.8)	0.87(22.2)
3/4	1/4	-U-FL12-FL4	1.94(49.3)	0.96(24.4)	1.13(28.6)	1.06(27.0)	0.19(4.8)	0.60(15.2)	0.56(14.3)
3/4	3/8	-U-FL12-FL6	2.00(50.8)	0.96(24.4)	1.13(28.6)	1.06(27.0)	0.28(7.1)	0.66(16.8)	0.69(17.5)
3/4	1/2	-U-FL12-FL8	2.11(53.6)	0.96(24.4)	1.13(28.6)	1.06(27.0)	0.41(10.4)	0.90(22.8)	0.87(22.2)
3/4	5/8	-U-FL12-FL10	2.11(53.6)	0.96(24.4)	1.13(28.6)	1.06(27.0)	0.50(12.7)	0.96(24.4)	1.00(25.4)
1	1/2	-U-FL16-FL8	2.38(60.5)	1.23(31.2)	1.50(38.1)	1.37(34.9)	0.41(10.4)	0.90(22.8)	0.87(22.2)
1	3/4	-U-FL16-FL12	2.38(60.5)	1.23(31.2)	1.50(38.1)	1.37(34.9)	0.62(15.7)	0.96(24.4)	1.13(28.6)

Metric Tube

T-Tube O.D. (mm)	Tx-Tube O.D. (mm)	Basic Ordering Number	Dimensions, mm (in.)						
			L	C	G	F	E	Cx	Gx
3	2	-U-ML3-ML2	35.3(1.39)	12.9(0.51)	12.0(0.47)	12.0(0.47)	1.7(0.07)	12.9(0.51)	12.0(0.47)
6	2	-U-ML6-ML2	38.6(1.52)	15.3(0.60)	14.0(0.55)	14.0(0.55)	1.7(0.07)	12.9(0.51)	12.0(0.47)
6	3	-U-ML6-ML3	38.6(1.52)	15.3(0.60)	14.0(0.55)	14.0(0.55)	2.4(0.09)	12.9(0.51)	12.0(0.47)
6	4	-U-ML6-ML4	39.4(1.55)	15.3(0.60)	14.0(0.55)	14.0(0.55)	2.4(0.09)	13.7(0.54)	12.0(0.47)
8	6	-U-ML8-ML6	42.3(1.67)	16.3(0.64)	16.0(0.63)	15.0(0.59)	4.8(0.19)	15.3(0.60)	14.0(0.55)
10	6	-U-ML10-ML6	44.5(1.75)	17.2(0.68)	19.0(0.75)	18.0(0.71)	4.8(0.19)	15.3(0.60)	14.0(0.55)
10	8	-U-ML10-ML8	45.1(1.78)	17.2(0.68)	19.0(0.75)	18.0(0.71)	6.4(0.25)	16.3(0.64)	16.0(0.63)
12	6	-U-ML12-ML6	47.0(1.85)	22.8(0.90)	22.0(0.87)	22.0(0.87)	4.8(0.19)	15.3(0.60)	14.0(0.55)
12	8	-U-ML12-ML8	47.8(1.88)	22.8(0.90)	22.0(0.87)	22.0(0.87)	6.4(0.25)	16.3(0.64)	16.0(0.63)
12	10	-U-ML12-ML10	48.7(1.92)	22.8(0.90)	22.0(0.87)	22.0(0.87)	7.9(0.31)	17.2(0.68)	19.0(0.75)
16	10	-U-ML16-ML10	49.5(1.95)	24.4(0.96)	25.0(0.98)	24.0(0.94)	7.9(0.31)	17.2(0.68)	19.0(0.75)
16	12	-U-ML16-ML12	52.0(2.05)	24.4(0.96)	25.0(0.98)	24.0(0.94)	9.5(0.37)	22.8(0.90)	22.0(0.87)
18	12	-U-ML18-ML12	53.5(2.11)	24.4(0.96)	30.0(1.18)	27.0(1.06)	9.5(0.37)	22.8(0.90)	22.0(0.87)
25	18	-U-ML25-ML18	61.0(2.40)	31.3(1.23)	38.0(1.50)	35.0(1.38)	15.1(0.59)	24.4(0.96)	30.0(1.18)
25	20	-U-ML25-ML20	62.3(2.45)	31.3(1.23)	38.0(1.50)	35.0(1.38)	15.9(0.63)	26.0(1.02)	32.0(1.26)
30	18	-U-ML30-ML18	75.4(2.97)	39.6(1.56)	50.0(1.97)	46.0(1.81)	15.1(0.59)	24.4(0.96)	30.0(1.18)
30	20	-U-ML30-ML20	75.4(2.97)	39.6(1.56)	50.0(1.97)	46.0(1.81)	15.9(0.63)	26.0(1.02)	32.0(1.26)
30	25	-U-ML30-ML25	80.1(3.15)	39.6(1.56)	50.0(1.97)	46.0(1.81)	21.8(0.86)	31.3(1.23)	38.0(1.50)
32	18	-U-ML32-ML18	77.8(3.06)	42.0(1.65)	50.0(1.97)	46.0(1.81)	15.1(0.59)	24.4(0.96)	30.0(1.18)
32	20	-U-ML32-ML20	77.8(3.06)	42.0(1.65)	50.0(1.97)	46.0(1.81)	15.9(0.63)	26.0(1.02)	32.0(1.26)
32	25	-U-ML32-ML25	82.3(3.24)	42.0(1.65)	50.0(1.97)	46.0(1.81)	21.8(0.86)	31.3(1.23)	38.0(1.50)
38	20	-U-ML38-ML20	87.5(3.44)	49.4(1.94)	60.0(2.36)	55.0(2.17)	15.9(0.63)	26.0(1.02)	32.0(1.26)
38	25	-U-ML38-ML25	92.0(3.62)	49.4(1.94)	60.0(2.36)	55.0(2.17)	21.8(0.86)	31.3(1.23)	38.0(1.50)
38	30	-U-ML38-ML30	104.6(4.12)	49.4(1.94)	60.0(2.36)	55.0(2.17)	26.2(1.03)	39.6(1.56)	50.0(1.97)