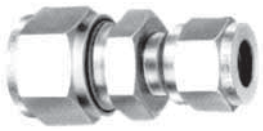
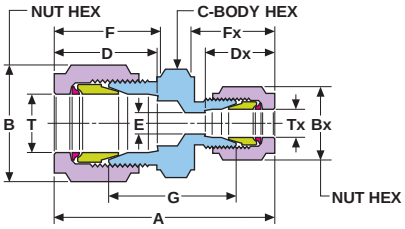
Reducing Union: RU connects fractional tubes

Part Number*	T Tube O.D.	Tx Tube O.D.	A	B Hex Flat	Bx Hex Flat	C Hex Flat	D	Dx	E min	F	Fx	G
						Dimensions — inches						
2RU1 [ ]	1/8	1/16	1.30	7/16	5/16	7/16	.56	.41	.05	.67	.48	.77
3RU1 [ ]	3/16	1/16	1.34	1/2	5/16	7/16	.59	.41	.05	.70	.48	.81
3RU2 [ ]	3/16	1/8	1.55	1/2	7/16	7/16	.59	.56	.09	.70	.67	.92
4RU1 [ ]	1/4	1/16	1.48	9/16	5/16	1/2	.64	.41	.05	.77	.48	.94
4RU2 [ ]	1/4	1/8	1.66	9/16	7/16	1/2	.64	.56	.09	.77	.67	1.02
4RU3 [ ]	1/4	3/16	1.67	9/16	1/2	1/2	.64	.70	.13	.77	.70	1.03
6RU1 [ ]	3/8	1/16	1.50	11/16	5/16	5/8	.72	.41	.05	.83	.48	.94
6RU2 [ ]	3/8	1/8	1.77	11/16	7/16	5/8	.72	.56	.09	.83	.67	1.09
6RU4 [ ]	3/8	1/4	1.83	11/16	9/16	5/8	.72	.64	.19	.83	.77	1.16
8RU2 [ ]	1/2	1/8	1.94	7/8	7/16	13/16	.97	.56	.09	.92	.67	1.16
8RU4 [ ]	1/2	1/4	1.95	7/8	9/16	13/16	.97	.64	.19	.92	.77	1.16
8RU6 [ ]	1/2	3/8	2.03	7/8	11/16	13/16	.97	.72	.30	.92	.83	1.22
10RU6 [ ]	5/8	3/8	2.05	1	11/16	15/16	1	.72	.30	.92	.83	1.25
10RU8 [ ]	5/8	1/2	2.16	1	7/8	15/16	1	.97	.42	.92	.92	1.25
12RU4 [ ]	3/4	1/4	2.16	1 1/8	9/16	1 1/16	1	.64	.19	.97	.77	1.36
12RU6 [ ]	3/4	3/8	2.22	1 1/8	11/16	1 1/16	1	.72	.30	.97	.83	1.41
12RU8 [ ]	3/4	1/2	2.25	1 1/8	7/8	1 1/16	1	.97	.42	.97	.92	1.34
12RU10 [ ]	3/4	5/8	2.25	1 1/8	1	1 1/16	1	1	.50	.97	.92	1.38
14RU12 [ ]	7/8	3/4	2.33	1 1/4	1 1/8	1 3/16	1.06	1	.66	.97	.97	1.44
16RU8 [ ]	1	1/2	2.61	1 1/2	7/8	1 3/8	1.31	.97	.42	1.08	.92	1.56
16RU12 [ ]	1	3/4	2.55	1 1/2	1 1/8	1 3/8	1.31	1	.66	1.08	.97	1.53
16RU14 [ ]	1	7/8	2.58	1 1/2	1 1/4	1 3/8	1.31	1.06	.72	1.08	.97	1.56
32RU24 [ ]	2	1 1/2	5.18	3	2 1/4	2 3/4	2.64	1.97	1.34	2.46	1.78	2.65



Fractional fitting shown



Reducing Union: RU/MM connects metric tubes

Part Number*	T Tube O.D.	Tx Tube O.D	A	B Hex Flat	Bx Hex Flat	C Hex Flat	D	Dx	E min	F	Fx	G
						Dimensions — mm						
4RU3[ ]MM	4	3	41.6	12.7	11.1	11.1	15.1	14.3	2.2	17.9	17.1	25.8
6RU3[ ]MM	6	3	43.2	14.3	11.1	12.7	16.3	14.3	2.2	19.5	17.1	26.9
6RU4[ ]MM	6	4	44.0	14.3	12.7	12.7	16.3	15.1	2.3	19.5	17.9	27.8
8RU4[ ]MM	8	4	43.6	15.9	12.7	14.3	16.7	15.1	2.3	19.1	17.9	27.6
8RU6[ ]MM	8	6	46.1	15.9	14.3	14.3	16.7	16.3	3.8	19.1	19.5	29.7
10RU6[ ]MM	10	6	46.2	19.1	14.3	17.5	17.5	16.3	3.8	19.8	19.5	29.9
10RU8[ ]MM	10	8	45.7	19.1	15.9	17.5	17.5	16.7	5.8	19.8	19.1	29.7
12RU6[ ]MM	12	6	49.7	22.2	14.3	20.6	24.6	16.3	3.8	23.4	19.5	29.4
12RU8[ ]MM	12	8	50.4	22.2	15.9	20.6	24.6	16.7	5.8	23.4	19.1	30.5
12RU10[ ]MM	12	10	50.9	22.2	19.1	20.6	24.6	17.5	7.9	23.4	19.8	30.9
14RU8[ ]MM	14	8	47.2	23.8	15.9	22.2	22.2	16.7	5.8	21.0	19.1	29.8
14RU10[ ]MM	14	10	48.3	23.8	19.1	22.2	22.2	17.5	7.9	21.0	19.8	30.9
14RU12[ ]MM	14	12	52.3	23.8	22.2	22.2	22.2	24.6	9.9	21.0	23.4	30.9
16RU10[ ]MM	16	10	50.9	25.4	19.1	23.8	25.0	17.5	7.9	23.4	19.8	31.8
16RU12[ ]MM	16	12	54.8	25.4	22.2	23.8	25.0	24.6	9.9	23.4	23.4	31.8
18RU12[ ]MM	18	12	57.5	28.6	22.2	27.0	25.4	24.6	9.9	24.6	23.4	35.6
18RU16[ ]MM	18	16	57.4	28.6	25.4	27.0	25.4	25.0	12.7	24.6	23.4	36.3
22RU12[ ]MM	22	12	59.5	31.8	22.2	30.1	27.0	24.6	9.9	24.6	23.4	36.3
22RU18[ ]MM	22	18	61.1	31.8	28.6	34.9	27.0	25.4	15.8	24.6	24.6	40.0
25RU12[ ]MM	25	12	66.0	38.1	22.2	34.9	33.3	24.6	9.9	27.4	23.4	39.6
25RU18[ ]MM	25	18	64.0	38.1	28.6	34.9	33.3	25.4	15.8	27.4	24.6	39.6

Reducing Union: RU/ME connects metric tubes to fractional tubes

Part Number*	T Tube O.D.	Tx Tube O.D	A	B Hex Flat	Bx Hex Flat	C Hex Flat	D	Dx	E min	F	Fx	G
						Dimensions — mm						
3RU1[ ]ME	3	1/16	36.1	11.1	7.9	11.1	14.3	10.3	1.2	17.1	12.3	22.6
3RU2[ ]ME	3	1/8	38.0	11.1	11.1	11.1	14.3	14.3	2.2	17.1	17.1	22.0
3RU4[ ]ME	3	1/4	42.5	11.1	14.3	12.5	14.3	16.3	2.5	17.1	19.5	26.0
4RU2[ ]ME	4	1/8	40.6	12.7	11.1	11.1	15.1	14.3	2.2	17.9	17.1	24.8
4RU4[ ]ME	4	1/4	43.0	12.7	14.3	12.7	15.1	16.3	2.2	17.9	19.5	26.0
6RU1[ ]ME	6	1/16	37.5	14.3	7.9	12.7	16.3	10.3	1.2	19.5	12.3	23.5
6RU2[ ]ME	6	1/8	43.2	14.3	11.1	12.7	16.3	14.3	2.2	19.5	17.1	26.9
6RU4[ ]ME	6	1/4	44.7	14.3	14.3	12.7	16.3	16.3	3.8	19.5	19.5	27.9
6RU8[ ]ME	6	1/2	49.7	14.3	22.2	20.6	16.3	24.6	3.8	19.5	23.4	29.4
8RU2[ ]ME	8	1/8	42.9	15.9	11.1	14.3	16.7	14.3	2.2	19.1	17.1	26.9
8RU3[ ]ME	8	3/16	43.2	15.9	12.7	14.3	16.7	15.1	3.1	19.1	17.9	27.2
8RU4[ ]ME	8	1/4	44.8	15.9	14.3	14.3	16.7	16.3	4.6	19.1	19.5	28.5
8RU6[ ]ME	8	3/8	42.7	15.9	17.5	15.9	16.7	18.3	5.9	19.5	23.4	29.4
8RU8[ ]ME	8	1/2	50.9	15.9	22.2	20.6	16.7	24.6	5.8	19.1	23.4	31.0
8RU10[ ]ME	8	5/8	50.1	15.9	25.4	23.8	16.7	25.4	5.8	19.1	23.4	31.0
10RU2[ ]ME	10	1/8	43.5	19.1	11.1	17.5	17.5	14.3	2.3	19.8	17.1	27.5
10RU4[ ]ME	10	1/4	46.8	19.1	14.3	17.5	17.5	16.3	4.6	19.8	19.5	30.5
10RU6[ ]ME	10	3/8	46.8	19.1	17.5	17.5	17.5	18.3	7.4	19.8	21.0	30.0
10RU8[ ]ME	10	1/2	50.3	19.1	22.2	20.6	17.5	24.6	7.9	19.8	23.4	30.4
10RU10[ ]ME	10	5/8	50.9	19.1	25.4	23.8	17.5	25.4	7.9	19.8	23.4	31.8
12RU4[ ]ME	12	1/4	49.5	22.2	14.3	20.6	24.6	16.3	4.8	23.4	19.5	29.5
12RU6[ ]ME	12	3/8	50.1	22.2	17.5	20.6	24.6	18.3	7.4	23.4	21.0	29.4
12RU8[ ]ME	12	1/2	54.9	22.2	22.2	20.6	24.6	24.6	9.9	23.4	23.4	31.0
16RU10[ ]ME	16	5/8	55.0	25.4	25.4	23.8	25.0	25.4	12.7	23.4	23.4	32.5
16RU12[ ]ME	16	3/4	57.5	25.4	28.6	27.0	25.0	25.4	12.7	23.4	24.6	35.0
18RU12[ ]ME	18	3/4	57.0	28.6	28.6	27.0	25.4	25.4	15.8	24.6	24.6	35.5

