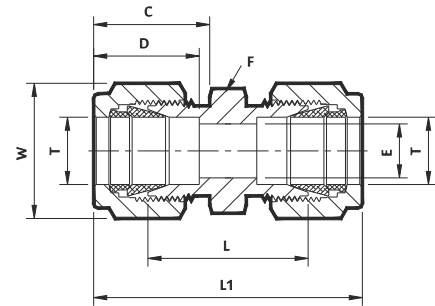
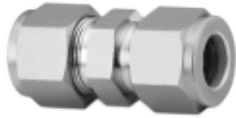


01. Fractional Tube x Fractional Tube



Sr. No.	TUBE OD Ø T	Ref. Part No.	ØE	D	C	L	L1	Body Hex F	Nut Hex W
Dimensions in Inches									
1	1/16	1UD	0.05	0.34	0.43	0.59	0.99	7/16	5/16
2	1/8	2UD	0.09	0.50	0.60	0.88	1.40	7/16	7/16
3	3/16	3UD	0.12	0.54	0.63	0.95	1.47	7/16	1/2
4	1/4	4UD	0.19	0.60	0.70	1.03	1.61	9/16	9/16
5	5/16	5UD	0.25	0.64	0.73	1.11	1.69	5/8	5/8
6	3/8	6UD	0.28	0.66	0.76	1.19	1.77	11/16	11/16
7	1/2	8UD	0.41	0.90	0.86	1.22	2.02	7/8	7/8
8	5/8	10UD	0.50	0.96	0.86	1.25	2.05	1	1
9	3/4	12UD	0.62	0.96	0.86	1.31	2.11	1.1/16	1.1/8
10	7/8	14UD	0.72	1.02	0.86	1.37	2.17	1.3/16	1.1/4
11	1	16UD	0.88	1.23	1.04	1.59	2.55	1.3/8	1.1/2

02. Metric Tube x Metric Tube

Sr. No.	TUBE OD Ø T	Ref. Part No.	ØE	D	C	L	L1	Body Hex F	Nut Hex W
Dimensions in Millimetres									
1	2	2MUD	1.7	12.9	15.3	35.6	35.6	11.1	11.1
2	3	3MUD	2.4	12.9	15.3	35.3	35.3	11.1	11.1
3	4	4MUD	2.4	13.7	16.1	37.3	37.3	11.1	11.1
4	6	6MUD	4.8	15.3	17.7	41.0	41.0	14.2	14.2
5	8	8MUD	6.4	16.2	18.6	43.2	43.2	16	16
6	10	10MUD	7.9	17.2	19.5	46.2	46.2	19	19
7	12	12MUD	9.5	22.8	22.0	51.2	51.2	22.2	22.2
8	14	14MUD	11.1	24.4	22.0	52.0	52.0	25.4	25.4
9	15	15MUD	11.9	24.4	22.0	52.0	52.0	25.4	25.4
10	16	16MUD	12.7	24.4	22.0	52.0	52.0	25.4	25.4
11	18	18MUD	15.1	24.4	22.0	53.5	53.5	27	30
12	20	20MUD	15.9	26.0	22.0	55.0	55.0	30	32
13	22	22MUD	18.3	26.0	22.0	55.0	55.0	30	32
14	25	25MUD	21.8	31.3	26.5	65.0	65.0	35	38

- NOTE :
- ① The E Dimension is the minimum opening.
 - ② Dimension L1, C, D is shown in the finger-tight position.
 - ③ Dimensions are for reference only and are subject to change.