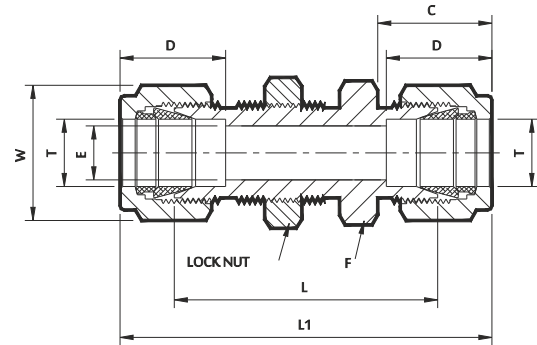


2.21 Bulkhead Union

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	1BUD	0.05	0.34	0.43	0.84	1.24	5/16	5/16
2	1/8	2BUD	0.09	0.50	0.60	1.50	2.02	7/16	7/16
3	3/16	3BUD	0.12	0.54	0.63	1.59	2.11	7/16	1/2
4	1/4	4BUD	0.19	0.60	0.70	1.69	2.27	9/16	9/16
5	5/16	5BUD	0.25	0.64	0.73	1.81	2.39	9/16	5/8
6	3/8	6BUD	0.28	0.66	0.76	1.87	2.45	5/8	11/16
7	1/2	8BUD	0.41	0.90	0.86	2.00	2.80	7/8	7/8
8	5/8	10BUD	0.50	0.96	0.86	2.06	2.86	1	1
9	3/4	12BUD	0.63	0.96	0.86	2.31	3.11	1.1/16	1.1/8
10	7/8	14BUD	0.72	1.02	0.86	2.53	3.33	1.3/16	1.1/4
11	1	16BUD	0.88	1.23	1.04	2.81	3.77	1.3/8	1.1/2

02. Metric Tube x Metric Tube

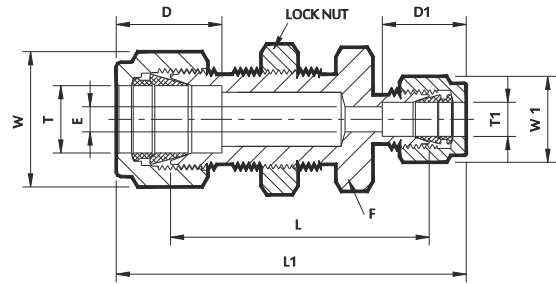
Sr. No.	TUBE OD Ø T	Ref. Part No.	ØE	D	C	L	L1	Body Hex F	Nut Hex W
Dimensions in Millimetres									
1	3	3MBUD	2.4	12.9	15.3	38.1	51.3	11.1	11.1
2	4	4MBUD	2.4	13.7	16.1	40.4	53.6	11.1	11.1
3	6	6MBUD	4.8	15.3	17.7	42.9	57.7	14.2	14.2
4	8	8MBUD	6.4	16.2	18.6	46.0	61.0	16	16
5	10	10MBUD	7.9	17.2	19.5	48.5	63.7	19	19
6	12	12MBUD	9.5	22.8	22.0	50.8	71.0	22.2	22.2
7	14	14MBUD	11.1	24.4	22.0	52.3	72.5	25.4	25.4
8	15	15MBUD	11.9	24.4	22.0	52.3	72.5	25.4	25.4
9	16	16MBUD	12.7	24.4	22.0	52.3	72.5	25.4	25.4
10	18	18MBUD	15.1	24.4	22.0	58.7	78.9	27	30
11	20	20MBUD	15.9	26.0	22.0	64.3	84.5	30	32
12	25	25MBUD	21.8	31.3	26.5	71.2	95.8	35	38

- For Lock Nut use 'BUND'

- NOTE : ① The E Dimension is the minimum opening.
② Dimension L1, D is shown in the finger-tight position.

2.22 Bulkhead Reducer Union

01. Fractional Tube x Fractional Tube

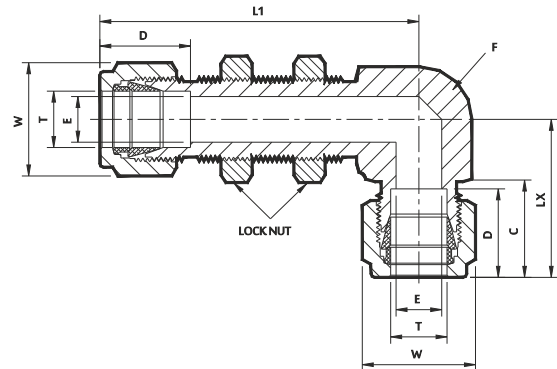


Sr. No.	TUBE OD Ø T	TUBE OD Ø T1	Ref. Part No.	ØE	D	D1	L	L1	Body Hex F	Nut Hex W	Nut Hex W
Dimensions in Inches											
1	1/4 x 1/8		4BRUD 2	0.09	0.60	0.50	1.62	2.17	5/8	9/16	7/16
2	3/8 x 1/4		6BRUD 4	0.19	0.66	0.60	1.81	2.39	3/4	11/16	9/16
3	1/2 x 1/4		8BRUD 4	0.19	0.90	0.60	1.94	2.63	7/8	7/8	9/16

- For Lock Nut use 'BUND'

2.23 Bulkhead Union Elbow

01. Fractional Tube x Fractional Tube



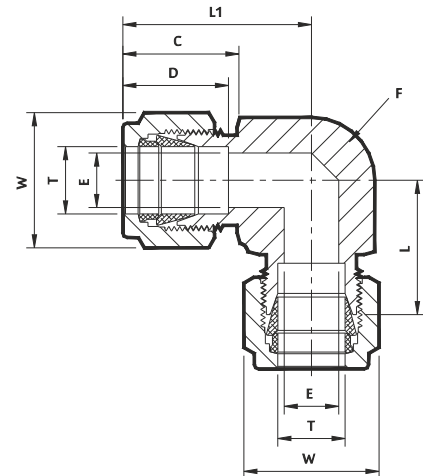
Sr. No.	TUBE OD Ø T	Ref. Part No.	ØE	D	C	L1	LX	Body Hex F	Nut Hex W
Dimensions in Inches									
1	1/8	2BUED	0.09	0.50	0.60	1.93	0.88	1/2	7/16
2	3/16	3BUED	0.12	0.54	0.63	2.03	1.01	1/2	1/2
3	1/4	4BUED	0.19	0.60	0.70	2.10	1.07	9/16	9/16
4	5/16	5BUED	0.25	0.64	0.73	2.30	1.17	9/16	5/8
5	3/8	6BUED	0.28	0.66	0.76	2.36	1.20	11/16	11/16
6	1/2	8BUED	0.41	0.90	0.86	2.67	1.38	13/16	7/8
7	5/8	10BUED	0.50	0.96	0.86	2.82	1.46	7/8	1
8	3/4	12BUED	0.62	0.96	0.86	3.08	1.51	1.1/16	1.1/8

- For Lock Nut use 'BUND'

NOTE : ① The E Dimension is the minimum opening.
② Dimension L1, D, D1 is shown in the finger-tight position.

2.24 Union Elbow

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	1UED	0.05	0.34	0.43	0.50	0.70	1/2	5/16
2	1/8	2UED	0.09	0.50	0.60	0.62	0.88	1/2	7/16
3	3/16	3UED	0.12	0.54	0.63	0.74	1.00	1/2	1/2
4	1/4	4UED	0.19	0.60	0.70	0.77	1.06	9/16	9/16
5	5/16	5UED	0.25	0.64	0.73	0.84	1.13	9/16	5/8
6	3/8	6UED	0.28	0.66	0.76	0.91	1.20	11/16	11/16
7	1/2	8UED	0.41	0.90	0.86	1.02	1.42	13/16	7/8
8	5/8	10UED	0.50	0.96	0.86	1.10	1.50	7/8	1
9	3/4	12UED	0.62	0.96	0.86	1.17	1.57	1.1/16	1.1/8
10	7/8	14UED	0.72	1.02	0.86	1.36	1.76	1.1/4	1.1/4
11	1	16UED	0.88	1.23	1.04	1.45	1.93	1.3/8	1.1/2

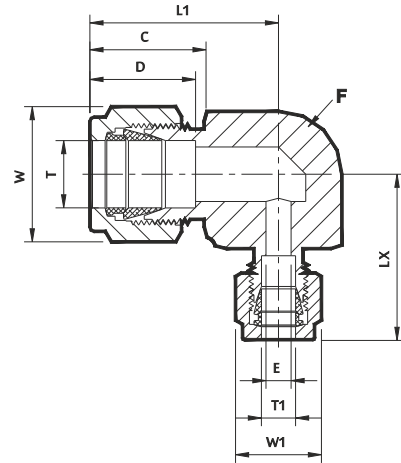
02. Metric Tube x Metric Tube

Sr. No.	TUBE OD Ø T	Ref. Part No.	ØE	D	C	L	L1	Body Hex F	Nut Hex W
Dimensions in Millimetres									
1	3	3MUED	2.4	12.9	15.3	15.7	22.3	12.5	11.1
2	4	4MUED	2.4	13.7	16.1	18.8	25.4	12.5	11.1
3	6	6MUED	4.8	15.3	17.7	19.6	27.0	14	14.2
4	8	8MUED	6.4	16.2	18.6	21.3	28.8	14	16
5	10	10MUED	7.9	17.2	19.5	23.9	31.5	17.5	19
6	12	12MUED	9.5	22.8	22.0	25.9	36.0	20.5	22.2
7	14	14MUED	11.1	24.4	22.0	27.9	38.0	22.5	25.4
8	15	15MUED	11.9	24.4	22.0	28.7	38.8	22.5	25.4
9	16	16MUED	12.7	24.4	22.0	28.7	38.0	22.5	25.4
10	18	18MUED	15.1	24.4	22.0	29.7	39.8	27	30
11	20	20MUED	15.9	26.0	22.0	34.5	44.6	32	32
12	22	22MUED	18.3	26.0	22.0	34.5	44.6	32	32
13	25	25MUED	21.8	31.3	26.5	36.8	49.1	36	38

NOTE : ① The E Dimension is the minimum opening.
② Dimension L1, C, D is shown in the finger-tight position.

2.25 Reducer Union Elbow

01. Fractional Tube x Fractional Tube

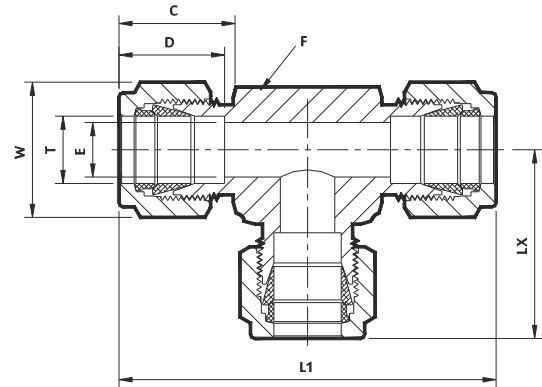


Sr. No.	TUBE OD Ø T	TUBE OD Ø T1	Ref. Part No.	ØE	D	C	L1	LX	Body Hex F	Nut Hex W	Nut Hex W1
Dimensions in Inches											
1	3/16 x 1/8		3RUED 2	0.09	0.54	0.63	0.96	0.92	1/2	1/2	7/16
2	1/4 x 1/8		4RUED 2	0.09	0.60	0.70	1.06	0.96	9/16	9/16	7/16
3	5/16 x 1/8		5RUED 2	0.09	0.64	0.73	1.17	1.04	9/16	5/8	7/16
4	5/16 x 1/4		5RUED 4	0.19			1.17	1.14			9/16
5	3/8 x 1/8		6RUED 2	0.09	0.66	0.76	1.20	1.04	11/16	11/16	7/16
6	3/8 x 1/4		6RUED 4	0.19			1.20	1.09			9/16
7	1/2 x 1/4		8RUED 4	0.19	0.90	0.86	1.42	1.25	13/16	7/8	9/16
8	1/2 x 5/16		8RUED 5	0.25			1.42	1.28			5/8
9	1/2 x 3/8		8RUED 6	0.28			1.42	1.31			11/16
10	5/8 x 3/8		10RUED 6	0.28	0.96	0.86	1.43	1.32	7/8	1	11/16
11	5/8 x 1/2		10RUED 8	0.41			1.43	1.43			7/8
12	3/4 x 1/4		12RUED 4	0.19	0.96	0.86	1.56	1.38	1.1/16	1.1/8	9/16
13	3/4 x 3/8		12RUED 6	0.28			1.56	1.45			11/16
14	3/4 x 1/2		12RUED 8	0.41			1.56	1.56			7/8
15	7/8 x 1/4		14RUED 4	0.19	1.02	0.86	1.76	1.51	1.1/4	1.1/4	9/16
16	1 x 1/2		16RUED 8	0.41	1.23	1.04	1.94	1.62	1.3/8	1.1/2	7/8
17	1 x 3/4		16RUED 12	0.62			1.94	1.76			1.1/8

NOTE : ① The E Dimension is the minimum opening.
② Dimension L1, C, D is shown in the finger-tight position.

2.26 Union Tee

01. Fractional Tube x Fractional Tube



Sr. No.	TUBE OD Ø T	Ref. Part No.	ØE	D	C	L1	LX	Body Hex F	Nut Hex W
Dimensions in Inches									
1	1/16	1UTD	0.05	0.34	0.43	1.40	0.70	1/2	5/16
2	1/8	2UTD	0.09	0.50	0.60	1.76	0.88	1/2	7/16
3	3/16	3UTD	0.12	0.54	0.63	1.92	0.96	1/2	1/2
4	1/4	4UTD	0.19	0.60	0.70	2.12	1.06	9/16	9/16
5	5/16	5UTD	0.25	0.64	0.73	2.34	1.17	9/16	5/8
6	3/8	6UTD	0.28	0.66	0.76	2.40	1.20	11/16	11/16
7	1/2	8UTD	0.41	0.90	0.86	2.84	1.42	13/16	7/8
8	5/8	10UTD	0.50	0.96	0.86	3.06	1.53	7/8	1
9	3/4	12UTD	0.62	0.96	0.86	3.14	1.57	1.1/16	1.1/8
10	7/8	14UTD	0.72	1.02	0.86	3.52	1.76	1.1/4	1.1/4
11	1	16UTD	0.88	1.23	1.04	3.86	1.93	1.3/8	1.1/2

02. Metric Tube x Metric Tube

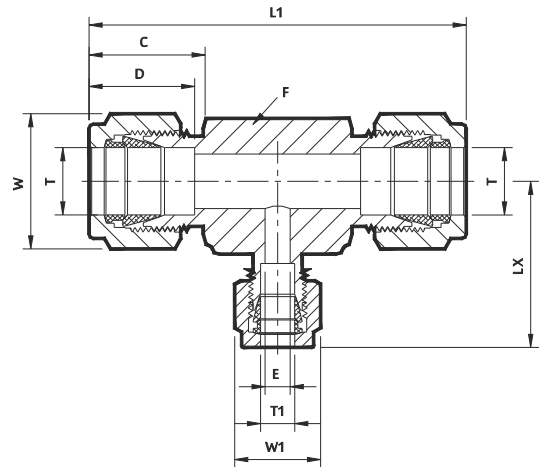
Sr. No.	TUBE OD Ø T	Ref. Part No.	ØE	D	C	L1	LX	Body Hex F	Nut Hex W
Dimensions in Millimetres									
1	2	2MUTD	1.7	12.9	15.3	44.7	22.3	12.5	11.1
2	3	3MUTD	2.4	12.9	15.3	44.7	22.3	12.5	11.1
3	4	4MUTD	2.4	13.7	16.1	50.8	25.4	12.5	11.1
4	6	6MUTD	4.8	15.3	17.7	53.9	27.0	14	14.2
5	8	8MUTD	6.4	16.2	18.6	59.7	29.9	14	16
6	10	10MUTD	7.9	17.2	19.5	63.0	31.5	17.5	19
7	12	12MUTD	9.5	22.8	22.0	72.0	36.0	20.5	22.2
8	14	14MUTD	11.1	24.4	22.0	77.6	38.8	22.5	25.4
9	15	15MUTD	11.9	24.4	22.0	77.6	38.8	22.5	25.4
10	16	16MUTD	12.7	24.4	22.0	77.6	38.8	22.5	25.4
11	18	18MUTD	15.1	24.4	22.0	79.5	38.8	27	30
12	20	20MUTD	15.9	26.0	22.0	89.3	44.6	32	32
13	22	22MUTD	18.3	26.0	22.0	89.3	44.6	32	32
14	25	25MUTD	21.8	31.3	26.5	98.3	49.1	36	38

NOTE : ① The E Dimension is the minimum opening.
② Dimension L1, C, D is shown in the finger-tight position.

2.27 Reducer Union Tee

(two similar to a different branch)

01. Fractional Tube x Fractional Tube



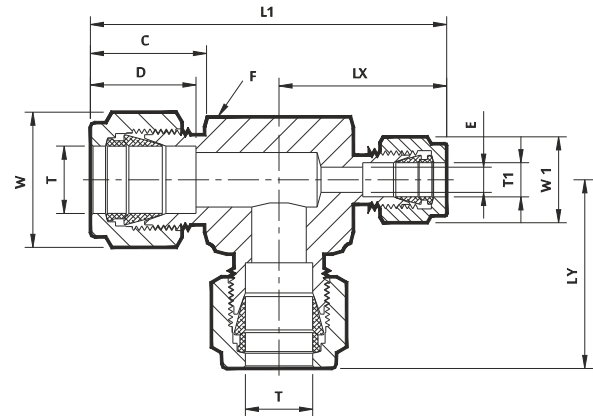
Sr. No.	TUBE OD Ø T	TUBE OD Ø T1	Ref. Part No.	ØE	D	C	L1	LX	Body Hex F	Nut Hex W	Nut Hex W1
Dimensions in Inches											
1	1/4 x 1/8		RUTD44 2	0.09	0.60	0.70	2.10	0.96	9/16	9/16	7/16
2	3/8 x 1/4		RUTD66 4	0.19	0.66	0.76	2.40	1.14	11/16	11/16	9/16
3	1/2 x 1/4		RUTD88 4	0.19	0.90	0.86	2.84	1.25	13/16	7/8	9/16
4	1/2 x 3/8		RUTD88 6	0.28			2.84	1.31			11/16
5	5/8 x 3/8		RUTD1010 6	0.28	0.96	0.86	3.06	1.42	7/8	1	11/16
6	5/8 x 1/2		RUTD1010 8	0.41			2.86	1.43			7/8
7	3/4 x 1/4		RUTD1212 4	0.19	0.96	0.86	3.12	1.38	1.1/16	1.1/8	9/16
8	3/4 x 3/8		RUTD1212 6	0.28			3.14	1.46			11/16
9	3/4 x 1/2		RUTD1212 8	0.41			3.14	1.57			7/8
10	3/4 x 5/8		RUTD1212 10	0.50			3.12	1.56			1
11	7/8 x 1/4		RUTD1414 4	0.19	1.02	0.86	3.52	1.59	1.1/4	1.1/4	9/16
12	7/8 x 3/8		RUTD1414 6	0.28			3.52	1.65			11/16
13	1 x 1/4		RUTD1616 4	0.19	1.23	1.04	3.88	1.59	1.3/8	1.1/2	9/16
14	1 x 3/8		RUTD1616 6	0.28			3.86	1.65			11/16
15	1 x 1/2		RUTD1616 8	0.41			3.86	1.76			7/8
16	1 x 5/8		RUTD1616 10	0.50			3.88	1.76			1
17	1 x 3/4		RUTD1616 12	0.62			3.86	1.76			1.1/8
18	1 x 7/8		RUTD1616 14	0.72			3.70	1.76			1.1/4

NOTE : ① The E Dimension is the minimum opening.
② Dimension L1, C, D is shown in the finger-tight position.

2.28 Reducer Union Tee

(two similar to a different run - X)

01. Fractional Tube x Fractional Tube

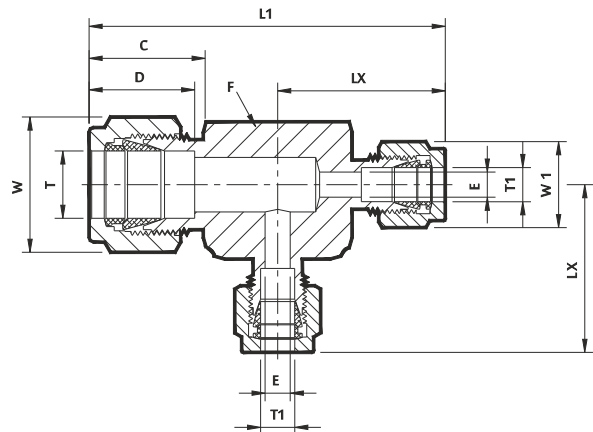


Sr. No.	TUBE OD Ø T	TUBE OD Ø T1	Ref. Part No.	ØE	D	C	L1	LX	LY	Body Hex F	Nut Hex W	Nut Hex W1
Dimensions in Inches												
1	3/8 x 1/4		RUTXD64 6	0.19	0.66	0.76	2.34	0.85	1.20	11/16	11/16	9/16
2	1/2 x 3/8		RUTXD86 8	0.28	0.90	0.86	2.73	1.31	1.42	13/16	7/8	11/16
3	1/2 x 1/4		RUTXD84 8	0.19			2.67	1.25				9/16
4	1 x 1/2		RUTXD168 16	0.41	1.23	1.04	3.70	1.76	1.94	1.3/8	1.1/2	7/8
5	1 x 3/4		RUTXD1612 16	0.62			3.70	1.76				1.1/8

2.29 Reducer Union Tee

(two similar to a different run - Y)

01. Fractional Tube x Fractional Tube



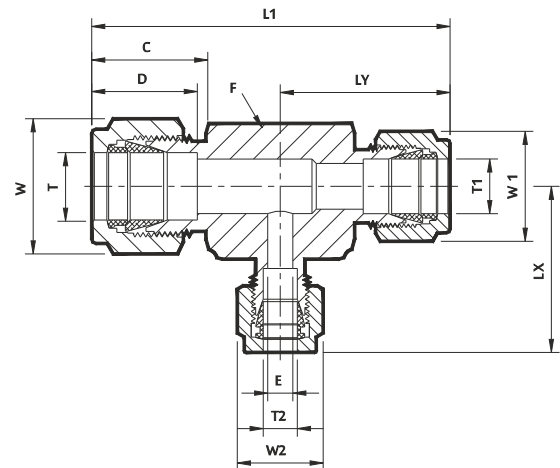
Sr. No.	TUBE OD Ø T	TUBE OD Ø T1	Ref. Part No.	ØE	D	C	L1	LX	Body Hex F	Nut Hex W	Nut Hex W1
Dimensions in Inches											
1	1/2 x 1/4		RUTYD84 4	0.19	0.90	0.86	2.67	1.25	13/16	7/8	9/16
2	1/2 x 3/8		RUTYD86 6	0.28			2.73	1.31			11/16
3	3/4 x 1/2		RUTYD128 8	0.41	0.96	0.86	3.12	1.56	1.1/16	1.1/8	7/8
4	3/4 x 5/8		RUTYD1210 10	0.50			3.12	1.56			1
5	1 x 7/8		RUTYD1614 14	0.72	1.23	1.04	3.70	1.76	1.3/8	1.1/2	1.1/4
6	1 x 1/2		RUTYD168 8	0.41			3.70	1.76			7/8
7	1 x 3/8		RUTYD166 6	0.28			3.59	1.65			11/16

NOTE : ① The E Dimension is the minimum opening.
② Dimension L1, C, D is shown in the finger-tight position.

2.30 Reducer Union Tee

(all three different)

01. Fractional Tube x Fractional Tube

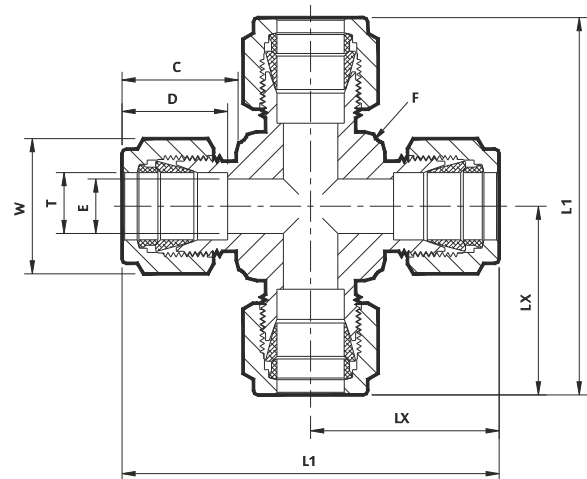


Sr. No.	TUBE OD Ø T	TUBE OD Ø T1	TUBE OD Ø T2	Ref. Part No.	ØE	D	C	L1	LY	LX	Body Hex F	Nut Hex W	Nut Hex W1	Nut Hex W2
Dimensions in Inches														
1	(5/8) x (3/8 x 1/2)			RUTD106 8	0.41	0.96	0.86	2.75	1.32	1.43	7/8	1	11/16	7/8
2	(5/8) x (1/2 x 3/8)			RUTD108 6	0.28			2.86	1.43	1.32			7/8	11/16
3	(3/4) x (1/2 x 3/8)			RUTD128 6	0.28	0.96	0.86	3.12	1.56	1.45	1.1/16	1.1/8	7/8	11/16
4	(3/4) x (5/8 x 3/8)			RUTD1210 6	0.28					1.45			1	11/16
5	(3/4) x (5/8 x 1/2)			RUTD1210 8	0.41					1.56			1	7/8
6	(7/8) x (1/2 x 3/4)			RUTD 148 12	0.62	1.02	0.86	3.52	1.76	1.76	1.1/4	1.1/4	7/8	1-1/8
7	(7/8) x (5/8 x 3/8)			RUTD 1410 6	0.28					1.65			1	11/16
8	(7/8) x (3/4 x 3/8)			RUTD1412 6	0.28					1.65			1.1/8	11/16
9	(7/8) x (3/4 x 1/2)			RUTD1412 8	0.41					1.76			1.1/8	7/8
10	(1) x (1/2 x 1/4)			RUTD168 4	0.19	1.23	1.04	3.70	1.76	1.59	1.3/8	1.1/2	7/8	9/16
11	(1) x (1/2 x 3/8)			RUTD168 6	0.28					1.65			7/8	11/16
12	(1) x (5/8 x 3/8)			RUTD1610 6	0.28					1.65			1	11/16
13	(1) x (3/4 x 1/2)			RUTD1612 8	0.41					1.76			1.1/8	7/8
14	(1) x (3/4 x 5/8)			RUTD1612 10	0.50					1.76			1.1/8	1
15	(1) x (7/8 x 1/4)			RUTD1614 4	0.19					1.59			1.1/4	9/16
16	(1) x (7/8 x 3/8)			RUTD1614 6	0.28					1.65			1.1/4	11/16
17	(1) x (7/8 x 1/2)			RUTD1614 8	0.41					1.76			1.1/4	7/8
18	(1) x (7/8 x 3/4)			RUTD1614 12	0.62					1.76			1.1/4	1.1/8
19	(1) x (3/4 x 3/8)			RUTD1612 6	0.28					1.65			1.1/8	11/16

NOTE : ① The E Dimension is the minimum opening.
② Dimension L1, C, D is shown in the finger-tight position.

2.31 Union Cross

01. Fractional Tube x Fractional Tube



Sr. No.	TUBE OD Ø T	Ref. Part No.	ØE	D	C	L1	LX	Body Hex F	Nut Hex W
Dimensions in Inches									
1	1/8	2UCD	0.09	0.50	0.60	1.76	0.88	1/2	7/16
2	3/16	3UCD	0.12	0.54	0.63	1.92	0.95	1/2	1/2
3	1/4	4UCD	0.19	0.60	0.70	2.12	1.06	9/16	9/16
4	5/16	5UCD	0.25	5/16	0.64	2.34	0.73	9/16	5/8
5	3/8	6UCD	0.28	0.66	0.76	2.40	1.20	11/16	11/16
6	1/2	8UCD	0.41	0.90	0.86	2.84	1.42	13/16	7/8
7	5/8	10UCD	0.50	0.96	0.86	2.86	1.43	7/8	1
8	3/4	12UCD	0.62	0.96	0.86	3.14	1.57	1.1/16	1.1/8
9	7/8	14UCD	0.72	1.02	0.86	3.52	1.76	1.1/4	1.1/4
10	1	16UCD	0.88	1.23	1.04	3.86	1.93	1.3/8	1.1/2

02. Metric Tube x Metric Tube

Sr. No.	TUBE OD Ø T	Ref. Part No.	ØE	D	C	L1	LX	Body Hex F	Nut Hex W
Dimensions in Millimetres									
1	3	3MUCD	2.4	12.9	15.3	44.7	22.3	11.1	12
2	4	4MUCD	2.4	13.7	16.1	50.8	25.4	11.1	12
3	6	6MUCD	4.8	15.3	17.7	53.9	27.0	14.2	14
4	8	8MUCD	6.4	16.2	18.6	59.7	29.9	16	16
5	10	10MUCD	7.9	17.2	19.5	67.0	33.5	19	19
6	12	12MUCD	9.5	22.8	22.0	72.0	36.0	22.2	22
7	16	16MUCD	12.7	24.4	22.0	74.0	37.0	25.4	25
8	18	18MUCD	15.1	24.4	22.0	76.6	38.3	27	30
9	20	20MUCD	15.9	26.0	22.0	89.3	44.6	30	32
10	25	25MUCD	21.8	31.3	26.5	98.3	49.1	35	38

NOTE : ① The E Dimension is the minimum opening.
② Dimension L1, C, D is shown in the finger-tight position.



vikay
valves and fittings



S.S. Tube Fittings



S.S. Pipe Fittings



S.S. Weld Fittings



S.S. Valves And Manifold



Brass Fittings



Hydraulic Fittings

Vikay Mining Equipments

2/5 Vyas Wadi, Dadabhai Road, Vile Parle (West), Mumbai - 400 056. INDIA.

Tel. : +91 - 22 - 2623 7205 / 2624 3729 Fax : +91 - 22 - 2671 6507 / 2671 9985

Email : vkmining@vsnl.com / vkmining@gmail.com Website : www.vkfittings.com

