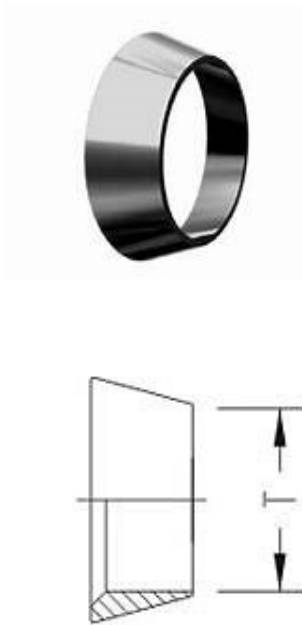




Double Ferrule Tube Fittings are available in a wide range of materials, sizes, connections and configurations.



⁰
FTS Double Ferrule Tube Fittings provide leak proof torque free seals at all tubing connections. They eliminate hazardous leaks in instrumentation, process, pneumatic, hydraulic, gas and other applicable tubing systems which could otherwise turn out to be costly to the installation.



INCH OD TUBE

T Tube OD	SS 316 L Part No.
1/16	FFI-16L-1
1/8	FFI-16L-2
1/4	FFI-16L-3
5/16	FFI-16L-4
3/8	FFI-16L-5
1/2	FFI-16L-6
5/8	FFI-16L-7
3/4	FFI-16L-8
7/8	FFI-16L-9
1	FFI-16L-10
1.1/4	FFI-16L-11
1.1/2	FFI-16L-12
2	FFI-16L-13

METRIC OD TUBE

T Tube OD	SS 316 L Part No.
3	FFM-16L-1
6	FFM-16L-2
8	FFM-16L-3
10	FFM-16L-4
12	FFM-16L-5
14	FFM-16L-6
15	FFM-16L-7
16	FFM-16L-8
18	FFM-16L-9
20	FFM-16L-10
22	FFM-16L-11
25	FFM-16L-12
28	FFM-16L-13
30	FFM-16L-14
32	FFM-16L-15
38	FFM-16L-16

BACK FERRULE

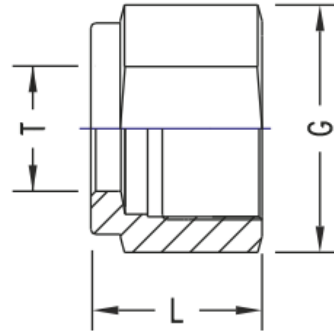


INCH OD TUBE

T Tube OD	SS 316 L Part No.
1/16	BFI-16L-1
1/8	BFI-16L-2
1/4	BFI-16L-3
5/16	BFI-16L-4
3/8	BFI-16L-5
1/2	BFI-16L-6
5/8	BFI-16L-7
3/4	BFI-16L-8
7/8	BFI-16L-9
1	BFI-16L-10
1.1/4	BFI-16L-11
1.1/2	BFI-16L-12
2	BFI-16L-13

METRIC OD TUBE

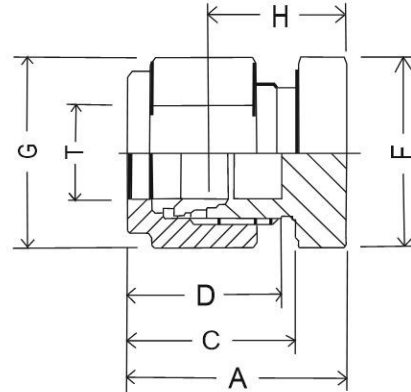
T Tube OD	SS 316 L Part No.
3	BFM-16L-1
6	BFM-16L-2
8	BFM-16L-3
10	BFM-16L-4
12	BFM-16L-5
14	BFM-16L-6
15	BFM-16L-7
16	BFM-16L-8
18	BFM-16L-9
20	BFM-16L-10
22	BFM-16L-11
25	BFM-16L-12
28	BFM-16L-13
30	BFM-16L-14
32	BFM-16L-15
38	BFM-16L-16


INCH OD TUBE NUT

T Tube OD	L	G	SS 316 L Part No.
		A/F	
1/16	8	8	TN1-16L-1
1/8	12	11	TN1-16L-2
1/4	12.7	14	TN1-16L-3
5/16	14	16	TN1-16L-4
3/8	14.5	17	TN1-16L-5
1/2	17.5	22	TN1-16L-6
5/8	17.5	25	TN1-16L-7
3/4	17.5	28.5	TN1-16L-8
7/8	17.5	32	TN1-16L-9
1	20.6	38	TN1-16L-10
1.1/4	31.8	50	TN1-16L-11
1.1/2	38	57	TN1-16L-12
2	52.5	76	TN1-16L-13

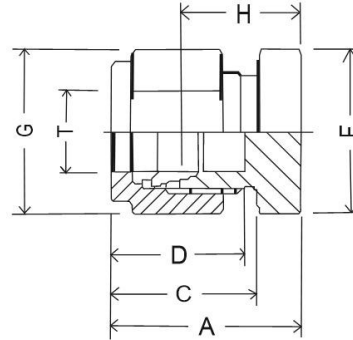
METRIC OD TUBE NUT

T Tube OD	L	G	SS 316 L Part No.
		A/F	
3	12	11	TNM-16L-1
6	12.7	14	TNM-16L-2
8	13.5	16	TNM-16L-3
10	15.1	19	TNM-16L-4
12	17.5	22	TNM-16L-5
14	17.5	25	TNM-16L-6
15	17.5	25	TNM-16L-7
16	17.5	25	TNM-16L-8
18	17.5	30	TNM-16L-9
20	17.5	32	TNM-16L-10
22	17.5	32	TNM-16L-11
25	20.6	38	TNM-16L-12
28	30.6	46	TNM-16L-13
30	32.7	50	TNM-16L-14
32	31.8	50	TNM-16L-15
38	38.1	57	TNM-16L-16



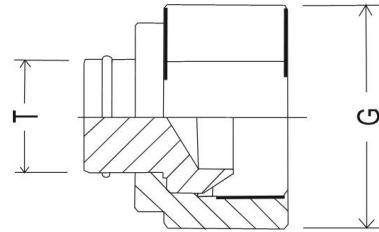
INCH OD TUBE

T Tube OD	A	C	D	F	G	H	SS 316 L Part No.
				A/F	A/F		
1/16	13	11	8.6	11	8	11.2	TECI-16L-1
1/8	20	15.3	12.7	11	11	13.5	TECI-16L-2
1/4	23.4	17.8	15.3	14	14	16	TECI-16L-3
5/16	24.4	18.5	16.3	16	16	17	TECI-16L-4
3/8	25.7	19.3	16.8	17	17	18.3	TECI-16L-5
1/2	29.2	21.8	22.9	22	22	19	TECI-16L-6
5/8	30	21.8	24.4	24	25	19.8	TECI-16L-7
3/4	31.5	21.8	24.4	27	28.5	21.4	TECI-16L-8
7/8	34	21.8	25.9	35	32	23.9	TECI-16L-9
1	38.4	26.4	31.2	35	38	26.2	TECI-16L-10
1.1/4	53.3	38.9	41.2	46	50	31.2	TECI-16L-11
1.1/2	64.5	45.2	50	55	57	37.4	TECI-16L-12
2	88.6	62.7	67.6	70	76	49.3	TECI-16L-13



METRIC OD TUBES

T Tube OD	A	C	D	F	G	H	SS 316 L Part No.
				A/F	A/F		
3	20.1	15.3	12.9	11	11	13.5	TECM-16L-1
6	23.1	17.7	15.3	14	14	15.7	TECM-16L-2
8	24.5	18.6	16.2	16	16	17	TECM-16L-3
10	26.6	19.5	17.2	17	19	19	TECM-16L-4
12	29.1	22	22.8	22	22	19	TECM-16L-5
14	29.9	22	24.4	24	25	19.8	TECM-16L-6
15	29.9	22	24.4	24	25	19.8	TECM-16L-7
16	29.9	22	24.4	24	25	19.8	TECM-16L-8
18	31.4	22	24.4	27	30	21.3	TECM-16L-9
20	34	22	26	32	32	23.9	TECM-16L-10
22	34	22	26	32	32	23.9	TECM-16L-11
25	38.5	26.5	31.3	35	38	26.2	TECM-16L-12
28	48.5	36.6	36.6	41	46	27.7	TECM-16L-13
30	53.4	39.2	39.6	46	50	31.8	TECM-16L-14
32	55.8	41.6	42	46	50	32.8	TECM-16L-15
38	65.4	47.9	49.4	55	57	37.8	TECM-16L-16

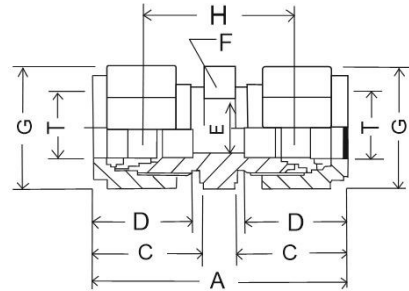
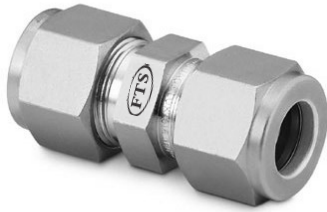


INCH OD TUBE

T Tube OD	G	SS 316 L Part No.
	A/F	
1/16	8	FECI-16L-1
1/8	11	FECI-16L-2
1/4	14	FECI-16L-3
5/16	16	FECI-16L-4
3/8	17	FECI-16L-5
1/2	22	FECI-16L-6
5/8	25	FECI-16L-7
3/4	28.5	FECI-16L-8
7/8	32	FECI-16L-9
1	38	FECI-16L-10
1.1/4	50	FECI-16L-11
1.1/2	57	FECI-16L-12
2	76	FECI-16L-13

METRIC OD TUBE

T Tube OD	G	SS 316 L Part No.
	A/F	
3	11	FECM-16L-1
6	14	FECM-16L-2
8	16	FECM-16L-3
10	19	FECM-16L-4
12	22	FECM-16L-5
14	25	FECM-16L-6
15	25	FECM-16L-7
16	25	FECM-16L-8
18	30	FECM-16L-9
20	32	FECM-16L-10
22	32	FECM-16L-11
25	38	FECM-16L-12
28	46	FECM-16L-13
30	50	FECM-16L-14
32	50	FECM-16L-15
38	57	FECM-16L-16

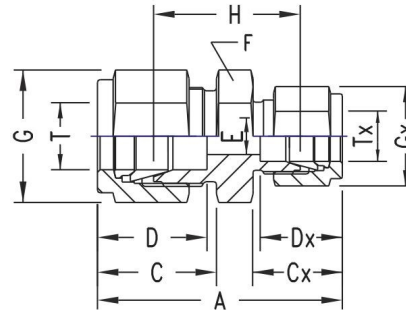


INCH OD TUBE

T Tube OD	A	C	D	E min.	F A/F	G A/F	H	SS 316 L PART No.
1/16	25.1	11	8.6	1.3	8	8	17.5	TUI-16L-1
1/8	35.6	15.3	12.7	2.4	11	11	22.4	TUI-16L-2
1/4	40.9	17.8	15.3	4.8	14	14	26.2	TUI-16L-3
5/16	42.9	18.5	16.3	6.3	14	16	28.2	TUI-16L-4
3/8	45	19.3	16.8	7.1	16	17	30.2	TUI-16L-5
1/2	51.3	21.8	22.9	10.4	22	22	31	TUI-16L-6
5/8	52	21.8	24.4	12.7	24	25	31.8	TUI-16L-7
3/4	53.6	21.8	24.4	15.8	27	28.5	33.3	TUI-16L-8
7/8	55.2	21.8	25.9	18.2	30	32	34.8	TUI-16L-9
1	64.8	26.4	31.2	22.3	35	38	40.4	TUI-16L-10
1.1/4	92.2	38.9	41.2	27.6	46	50	48	TUI-16L-11
1.1/2	108	45.2	50	34	55	57	53.6	TUI-16L-12
2	149.4	62.7	67.6	46	70	76	74.7	TUI-16L-13

METRIC OD TUBE

T Tube OD	A	C	D	E min.	F A/F	G A/F	H	SS 316 L PART No.
3	35.3	15.3	12.9	2.4	11	11	22.1	TUM-16L-1
6	41	17.7	15.3	4.8	14	14	26.2	TUM-16L-2
8	43.2	18.6	16.2	6.3	16	16	28.2	TUM-16L-3
10	46.2	19.5	17.2	7.9	17	19	31	TUM-16L-4
12	51.2	22	22.8	9.5	22	22	31	TUM-16L-5
14	52	22	24.4	11.1	24	25	31	TUM-16L-6
15	52	22	24.4	11.9	24	25	31.8	TUM-16L-7
16	52	22	24.4	12.7	24	25	31.8	TUM-16L-8
18	53.5	22	24.4	15.1	27	30	33.3	TUM-16L-9
20	55	22	26	15.9	30	32	34.8	TUM-16L-10
22	55	22	26	18.3	30	32	34.8	TUM-16L-11
25	65	26.5	31.3	21.8	35	38	40.4	TUM-16L-12
28	85	36.6	36.6	21.8	41	46	43.4	TUM-16L-13
30	92.7	39.2	39.6	26.2	46	50	49.5	TUM-16L-14
32	97.3	41.6	42	28.6	46	50	51.3	TUM-16L-15
38	113.6	47.9	49.4	33.7	55	57	58.4	TUM-16L-16



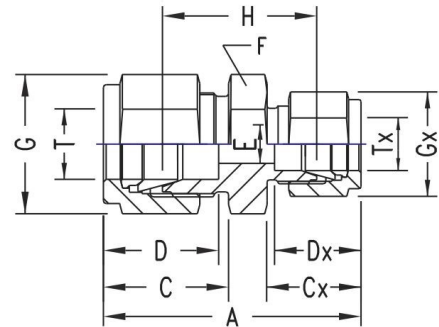
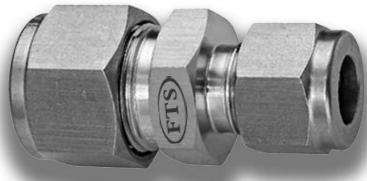
INCH OD TUBE

T TUBE OD	TX TUBE OD	A	C	CX	D	DX	E	F	G	GX	H	SS 316 L PART NO.
							MIN.	A/F	A/F	A/F		
1/4	1/8	38.6	17.8	15.3	15.3	12.7	2.4	14	14	11	24.6	RUI-16L-1
5/16	1/8	39.6	18.6	15.3	16.3	12.7	2.4	14	16	11	25.7	RUI-16L-2
5/16	1/4	42.2	18.6	17.8	16.3	15.3	4.8	14	16	14	27.5	RUI-16L-3
3/8	1/8	40.9	19.3	15.3	16.8	12.7	2.4	16	17	11	26.9	RUI-16L-4
3/8	1/4	43.2	19.3	17.8	16.8	15.3	4.8	16	17	14	28.5	RUI-16L-5
1/2	1/8	45.2	21.8	15.3	22.9	12.7	2.4	22	22	11	28.5	RUI-16L-6
1/2	1/4	47	21.8	17.8	22.9	15.3	4.8	22	22	14	29.5	RUI-16L-7
1/2	3/8	48.5	21.8	19.3	22.9	16.8	7.1	22	22	17	31	RUI-16L-8
5/8	3/8	49.3	21.8	19.3	24.4	16.8	7.1	24	25	17	31.8	RUI-16L-9
5/8	1/2	52	21.8	21.8	24.4	22.9	10.4	24	25	22	31.8	RUI-16L-10
3/4	1/4	49.3	21.8	17.8	24.4	15.3	4.8	27	28.5	14	31.8	RUI-16L-11
3/4	3/8	50.8	21.8	19.3	24.4	16.8	7.1	27	28.5	17	33.3	RUI-16L-12
3/4	1/2	53.6	21.8	21.8	24.4	22.9	10.4	27	28.5	22	33.3	RUI-16L-13
1	1/2	60.5	26.5	21.8	31.2	22.9	10.4	35	38	22	38.1	RUI-16L-14
1	3/4	60.5	26.5	21.8	31.2	24.4	15.8	35	38	28.5	38.1	RUI-16L-15
1.1/4	1	92.2	38.9	26.4	41.2	31.2	22.3	45	50	38	48	RUI-16L-16
1.1/2	1.1/4	60.5	26.5	21.8	31.2	24.4	15.8	55	57	50	53.6	RUI-16L-17



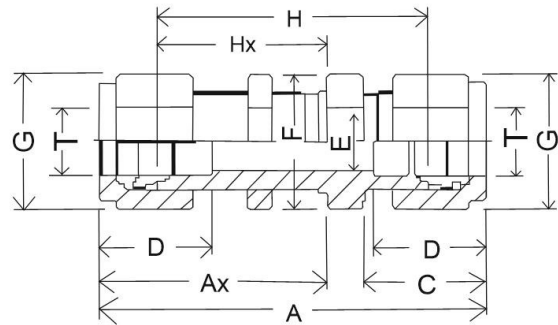
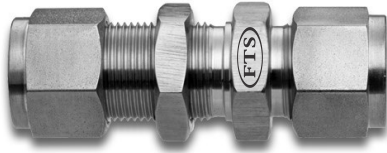
FAIKA TECHNO SYSTEMS

REDUCING UNION



METRIC OD TUBE

T Tube OD	Tx Tube OD	A	C	Cx	D	Dx	E min.	F A/F	G A/F	Gx A/F	H	SS 316 L Part No.
6	3	38.6	17.7	15.3	15.3	12.9	2.4	14	14	11	24.6	RUM-16L-1
8	6	42.3	18.6	17.7	16.2	15.3	4.8	14	16	14	27.4	RUM-16L-2
10	6	44.5	19.5	17.7	17.2	15.3	4.8	17	19	14	29.5	RUM-16L-3
10	8	45.1	19.5	18.6	17.2	16.2	6.3	17	19	16	30	RUM-16L-4
12	6	47	22	17.7	22.8	15.3	4.8	22	22	14	29.5	RUM-16L-5
12	8	47.8	22	18.6	22.8	16.2	6.4	22	22	16	30.2	RUM-16L-6
12	10	48.7	22	19.5	22.8	17.2	7.9	22	22	19	31	RUM-16L-7
16	10	49.5	22	19.5	24.4	17.2	7.9	24	25	19	31.8	RUM-16L-8
16	12	52	22	22	24.4	22.8	9.5	24	25	22	31.8	RUM-16L-9
22	18	55	22	22	26	24.4	15.1	30	32	30	34.8	RUM-16L-10
22	20	55	22	22	26	26.6	15.9	30	32	32	34.8	RUM-16L-11
25	12	65	26.5	22	31.3	22.8	9.5	35	38	22	40.4	RUM-16L-12
25	20	65	26.5	22	31.3	26	15.9	35	38	32	40.4	RUM-16L-13
30	20	75.4	39.2	22	39.6	26	15.9	45	50	32	43.7	RUM-16L-14
30	25	80.1	39.2	26.5	39.6	31.3	21.8	45	50	38	46.2	RUM-16L-15
32	20	77.8	41.6	22	42	26	15.9	45	50	32	44.7	RUM-16L-16
32	25	82.3	41.6	26.5	42	31.3	21.8	45	50	38	47	RUM-16L-17
38	20	92	47.9	26.5	49.4	31.3	21.8	55	57	38	52.1	RUM-16L-18
38	25	104.6	47.9	39.2	49.4	39.6	26.2	55	57	50	55.4	RUM-16L-19



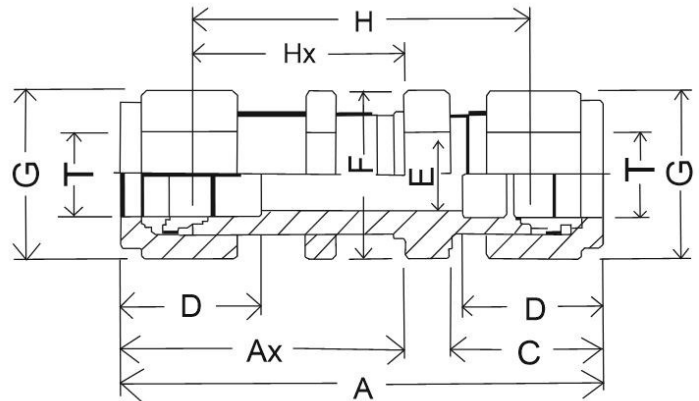
INCH OD TUBE

T Tube OD	A	Ax	C	D	E	F	G	H	Hx	Panel Hole Drill Size	Max Panel Thick- ness	SS 316 L Part No.
					min.	A/F	A/F					
1/16	31.5	17.3	11	8.6	1.3	11	8	23.8	13.5	5.2	3	BUI-16L-1
1/8	51.3	31.2	15.3	12.7	2.4	11	11	38.1	24.6	8.3	12.7	BUI-16L-2
1/4	57.6	33.6	17.8	15.3	4.8	16	14	43	26.2	11.5	10.1	BUI-16L-3
5/16	60.7	35.8	18.5	16.3	6.3	17	16	46	28.5	13	11.1	BUI-16L-4
3/8	62.2	36.8	19.3	7.1	7.1	22	17	47.5	29.5	14.6	11.1	BUI-16L-5
1/2	71.1	41.9	21.8	22.9	10.4	24	22	50.8	31.8	19.5	12.7	BUI-16L-6
5/8	72.6	42.7	21.8	24.4	12.7	27	25	52.3	32.5	22.6	12.7	BUI-16L-7
3/4	79	47.5	21.8	24.4	16	30	28.5	58.6	37.4	25.8	16.8	BUI-16L-8
1	95.6	57.4	26.4	31.2	22.3	35	38	71.3	45.2	33.7	19	BUI-16L-9
1.1/4	123.2	69.9	38.9	41.2	27.6	50	50	79	47.7	41.6	19	BUI-16L-10
1.1/2	139.2	76.4	45.2	50	34	60	57	84.8	49.3	49.6	19	BUI-16L-11
2	180.4	93.7	62.7	67.6	46	70	76	105.6	56.4	67	19	BUI-16L-12



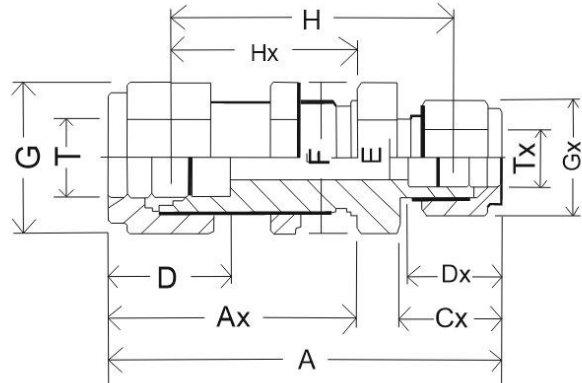
FAIKA TECHNO SYSTEMS

BULKHEAD UNION



METRIC OD TUBE

T Tube OD	A	Ax	C	D	E	F	G	H	Hx	Panel Hole Drill Size	Max Panel Thick- ness	SS 316 L Part No.
					min.	A/F	A/F					
3	51.3	31.2	15.3	12.9	2.4	14	11	38.1	24.6	8.3	12.7	BUM-16L-1
6	57.7	33.6	17.7	15.3	4.8	16	14	42.9	26.2	11.5	10.2	BUM-16L-2
8	61	36.1	18.6	16.2	6.3	17	16	46	28.6	13.1	11.2	BUM-16L-3
10	63.7	37	19.5	17.2	7.9	22	19	48.5	29.4	16.3	11.2	BUM-16L-4
12	71	41.9	22	22.8	9.5	24	22	50.8	31.8	19.5	12.7	BUM-16L-5
14	72.5	42.6	22	24.4	11.1	27	25	52.3	32.5	22.5	12.7	BUM-16L-6
15	72.5	42.6	22	24.4	11.9	27	25	52.3	32.5	22.8	12.7	BUM-16L-7
16	72.5	42.6	22	24.4	12.7	27	25	52.3	32.5	22.8	12.7	BUM-16L-8
18	78.9	47.4	22	24.4	15.1	30	30	58.7	37.3	26	16.8	BUM-16L-9
20	84.5	53	22	26	15.8	35	32	64.3	42.9	29	19	BUM-16L-10
25	95.6	57.4	26.4	31.2	22.3	35	38	71.3	45.2	33.7	19	BUM-16L-11
30	123.7	70.2	39.2	39.6	26.2	50	46	80.5	48.6	40.5	19	BUM-16L-12
32	128.3	72.5	41.6	42	27.6	50	50	82.3	49.5	42.5	19	BUM-16L-13
38	144.6	79.1	47.9	49.4	33.7	60	57	89.4	51.5	50.5	19	BUM-16L-14

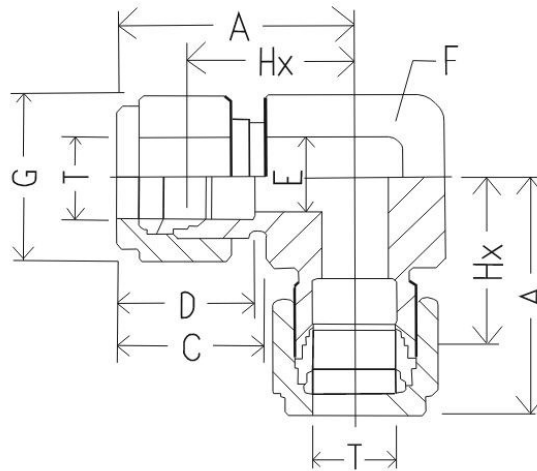


INCH OD TUBE

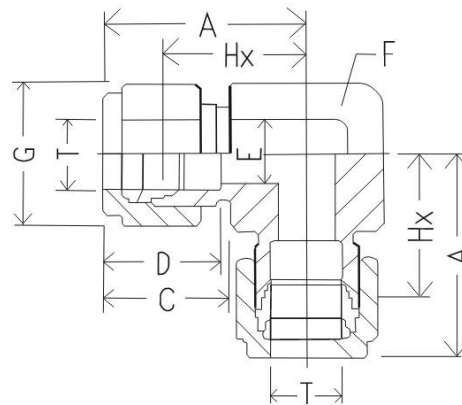
T Tube OD	T Tube OD	A	Ax	Cx	D	Dx	E	F	G	Gx	H	Hx	Panel Hole Drill Size	Max Panel Thick- ness	SS 316 L Part No.
							min.	A/F	A/F	A/F					
1/4	1/8	55.2	33.5	15.3	15.3	12.7	2.4	16	14	11	41.2	26.2	11.5	10.2	BRUI-16L-1
3/8	1/4	60.7	36.6	17.8	16.8	15.3	4.8	22	17	14	46	29.5	14.6	11.2	BRUI-16L-2
1/2	1/4	66.8	41.9	17.8	22.4	15.3	4.8	24	22	14	49.2	31.8	19.5	12.7	BRUI-16L-3
1/2	3/8	66.8	41.9	17.8	22.4	16.8	7.1	24	22	17	49.2	31.8	19.5	12.7	BRUI-16L-4

METRIC OD TUBE

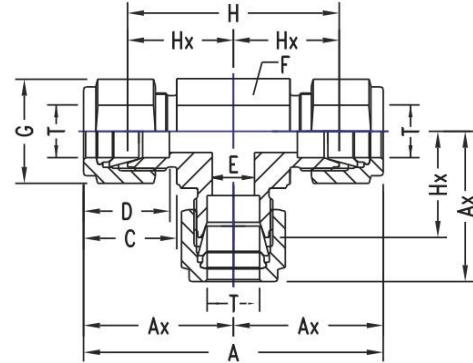
T Tube OD	T Tube OD	A	Ax	Cx	D	Dx	E	F	G	Gx	H	Hx	Panel Hole Drill Size	Max Panel Thick- ness	SS 316 L Part No.
							min	A/F	A/F	A/F					
6	3	56	33.6	17.7	15.3	12.9	2.4	16	14	11	41.2	26.2	11.5	10.2	BRUM-16L-1
8	6	61	36.1	18.6	16.2	15.3	4.8	17	16	14	48	28.6	13.1	11.2	BRUM-16L-2
10	6	63.7	37	19.5	17.2	15.3	4.8	22	19	14	48.5	29.4	16.3	11.2	BRUM-16L-3
12	6	71	41.9	22	22.8	15.3	4.8	24	22	14	50.8	31.8	19.5	12.7	BRUM-16L-4
12	10	71	41.9	22	22.8	17.2	7.9	24	22	17	50.8	31.8	19.5	12.7	BRUM-16L-5


INCH OD TUBE

T Tube OD	A	C	D	E	F	G	Hx	SS 316 L Part No.
				min.	A/F			
1/16	17.8	11	8.6	1.3	11	8	14	UEI-16L-1
1/8	22.4	15.3	12.7	2.4	11	11	15.8	UEI-16L-2
1/4	26.9	17.8	15.3	4.8	14	14	19.6	UEI-16L-3
5/16	28.7	18.5	16.3	6.3	16	16	21.3	UEI-16L-4
3/8	30.5	19.3	16.8	7.1	17	17	23.2	UEI-16L-5
1/2	36	21.8	22.9	10.4	22	22	25.9	UEI-16L-6
5/8	38.1	21.8	24.4	12.7	24	25	27.9	UEI-16L-7
3/4	39.9	21.8	24.4	15.8	27	28.5	29.7	UEI-16L-8
7/8	44.7	21.8	25.9	18.2	35	32	34.6	UEI-16L-9
1	49	26.4	31.2	22.3	35	38	36.8	UEI-16L-10
1.1/4	66.6	38.9	41.2	27.6	46	50	44.5	UEI-16L-11
1.1/2	78	45.2	50	34	55	57	50.8	UEI-16L-12
2	107.2	62.7	67.6	46	70	76	69.9	UEI-16L-13

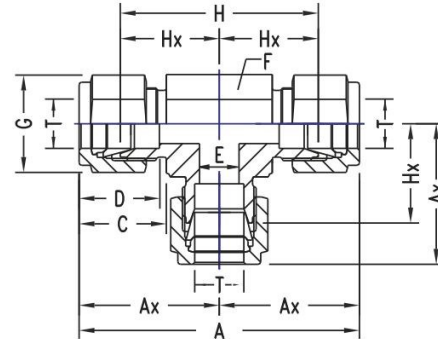
**METRIC OD TUBE**

T Tube OD	A	C	D	E	F	G	Hx	SS 316 L Part No.
				min.	A/F			
3	22.3	15.3	12.9	2.4	11	11	15.7	UEM-16L-1
6	27	17.7	15.3	4.8	14	14	19.6	UEM-16L-2
8	28.8	18.6	16.2	6.3	16	16	21.3	UEM-16L-3
10	31.5	19.5	17.2	7.9	17	19	23.9	UEM-16L-4
12	36	22	22.8	9.5	22	22	25.9	UEM-16L-5
14	38	22	24.4	11.1	24	25	27.9	UEM-16L-6
15	38	22	24.4	11.9	24	25	27.9	UEM-16L-7
16	38	22	24.4	12.7	24	25	27.9	UEM-16L-8
18	39.8	22	24.4	15.1	27	30	29.7	UEM-16L-9
20	44.6	22	26	15.9	32	32	34.5	UEM-16L-10
22	44.6	22	26	18.3	32	32	34.5	UEM-16L-11
25	49.1	26.5	31.3	21.8	35	38	36.8	UEM-16L-12
28	64	36.6	36.6	21.8	41	46	43.5	UEM-16L-13
30	69.9	39.2	39.6	26.2	46	50	48.3	UEM-16L-14
32	72.3	41.6	42	28.6	46	50	49.3	UEM-16L-15
38	84	47.9	49.4	33.7	55	57	56.4	UEM-16L-16



INCH OD TUBE

T Tube OD	A	Ax	C	D	E	F	G	H	Hx	SS 316 L Part No.
					min.	A/F	A/F			
1/16	35.6	17.8	11	8.6	1.3	11	8	28	14	UTI-16L-1
1/8	44.8	22.4	15.3	12.7	2.4	11	11	31.6	15.8	UTI-16L-2
1/4	53.8	26.9	17.8	15.3	4.8	14	14	39.2	19.6	UTI-16L-3
5/16	57.4	28.7	18.5	16.3	6.3	16	16	42.6	21.3	UTI-16L-4
3/8	61	30.5	19.3	16.8	7.1	17	17	46.4	23.2	UTI-16L-5
1/2	72	36	21.8	22.9	10.4	22	22	51.8	25.9	UTI-16L-6
5/8	76.2	38.1	21.8	24.4	12.7	24	25	55.8	27.9	UTI-16L-7
3/4	79.8	39.9	21.8	24.4	15.8	27	28.5	59.4	29.7	UTI-16L-8
7/8	89.4	44.7	21.8	25.9	18.2	35	32	69.2	34.6	UTI-16L-9
1	98	49	26.4	31.2	22.3	35	38	73.6	36.8	UTI-16L-10
1.1/4	133.2	66.6	38.9	41.2	27.6	46	50	89	44.5	UTI-16L-11
1.1/2	156	78	45.2	50	34	55	57	101.6	50.8	UTI-16L-12
2	214.4	107.4	62.7	67.9	46	70	76	139.8	69.9	UTI-16L-13



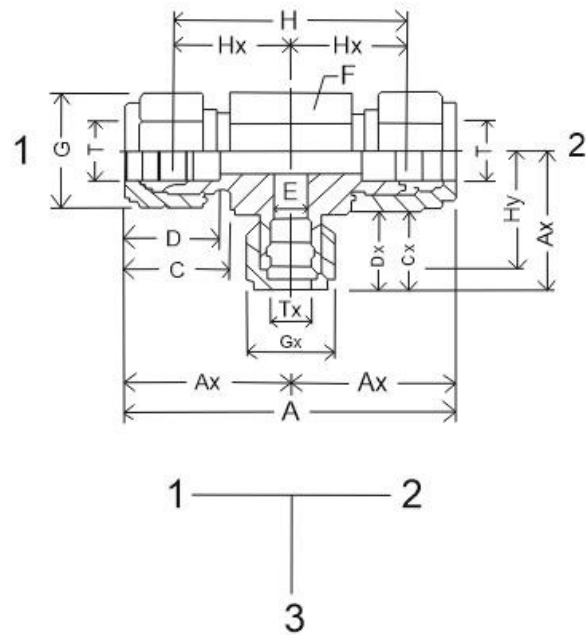
METRIC OD TUBE

T Tube OD	A	Ax	C	D	E	F	G	H	Hx	SS 316 L Part No.
					min.	A/F	A/F			
3	44.6	22.3	15.3	12.9	2.4	11	11	31.4	15.7	UTM-16L-1
6	54	27	17.7	15.3	4.8	14	14	39.2	19.6	UTM-16L-2
8	57.6	28.8	18.6	16.2	6.3	16	16	42.6	21.3	UTM-16L-3
10	63	31.5	19.5	17.2	7.9	17	19	47.8	23.9	UTM-16L-4
12	72	36	22	22.8	9.5	22	22	51.8	25.9	UTM-16L-5
14	76	38	22	24.4	11.1	24	25	55.8	27.9	UTM-16L-6
15	76	38	22	24.4	11.9	24	25	55.8	27.9	UTM-16L-7
16	76	38	22	24.4	12.7	24	25	55.8	27.9	UTM-16L-8
18	79.6	39.8	22	24.4	15.1	27	30	59.4	29.7	UTM-16L-9
20	89.2	44.6	22	26	15.9	32	32	69	34.5	UTM-16L-10
22	89.2	44.6	22	26	18.3	32	32	69	34.5	UTM-16L-11
25	98.2	49.1	26.5	31.3	21.8	35	38	73.6	36.8	UTM-16L-12
28	128	64	36.6	36.6	21.8	41	46	87	43.5	UTM-16L-13
30	139.8	69.9	39.2	39.6	26.2	46	50	96.6	48.3	UTM-16L-14
32	144.6	72.3	41.6	42	28.6	46	50	98.6	49.3	UTM-16L-15



FAIKA TECHNO SYSTEMS

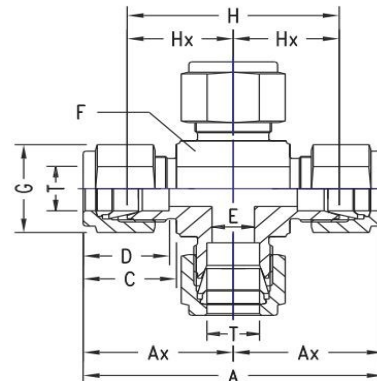
REDUCING UNION TEE



INCH OD TUBE

T Tube OD	Tx Tube OD	A	Ax	Ay	C	Cx	D	Dx	E	F	G	Gx	H	Hx	Hy	SS 316 L Part No.
									min.	A/F	A/F	A/F				
3/8	1/4	61.0	30.5	29	19.3	17.8	16.8	15.3	4.8	16	17	14	46.2	23.1	21.6	RUTI-16L-1
1/2	1/4	72.2	36	31.7	21.8	17.8	22.9	15.3	4.8	22	22	14	51.8	25.9	24.4	RUTI-16L-2
1/2	3/8	72.2	36	33.3	21.8	19.3	22.9	16.8	7.1	22	22	17	51.8	25.9	25.9	RUTI-16L-3
3/4	3/8	79.8	39.9	37.0	21.8	19.3	24.4	16.8	7.1	27	28.5	17	59.4	29.7	29.7	RUTI-16L-4
3/4	1/2	79.8	39.9	39.9	21.8	21.8	24.4	22.9	10.4	27	28.5	22	59.4	29.7	29.7	RUTI-16L-5
1	3/8	98.0	49	41.9	26.4	19.3	31.2	16.8	7.1	35	38	17	73.6	36.8	34.5	RUTI-16L-6
1	1/2	98.0	49	44.7	26.4	22.9	31.2	21.8	10.4	35	38	22	73.6	36.8	34.5	RUTI-16L-7
1	3/4	98.0	49	44.7	26.4	24.4	31.2	24.4	15.8	35	38	28.5	73.6	36.8	34.5	RUTI-16L-8
1.1/4	1	135.6	67.8	51.1	38.9	26.4	41.2	31.2	22.3	46	50	38	91.4	45.7	42.9	RUTI-16L-9
1.1/2	1	157.5	78.7	60.0	44.7	26.4	50	31.2	22.3	55	57	38	103.2	50.8	47.8	RUTI-16L-10

NOTE: Many possibilities of this product are available but not shown here.



INCH OD TUBE

T Tube OD	A	Ax	C	D	E	F	G	H	Hx	SS 316 L Part No.
					min.	A/F	A/F			
1/8	44.8	22.4	15.3	12.7	2.4	11	11	31.6	15.8	UCI-16L-1
1/4	53.8	26.9	17.8	15.3	4.8	14	14	39.2	19.6	UCI-16L-2
3/8	61	30.5	19.3	16.8	7.1	17	17	46.4	23.2	UCI-16L-3
1/2	72	36	21.8	22.9	10.4	22	22	51.8	25.9	UCI-16L-4
3/4	79.8	39.9	21.8	24.4	15.8	27	28.5	59.4	29.7	UCI-16L-5
1	98	49	26.4	31.2	22.3	35	38	73.6	36.8	UCI-16L-6

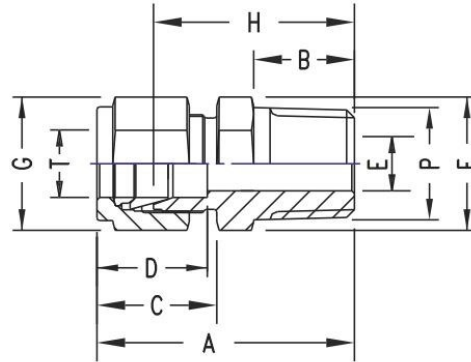
METRIC OD TUBE

T Tube OD	A	Ax	C	D	E	F	G	H	Hx	SS 316 L Part No.
					min.	A/F	A/F			
3	44.6	22.3	15.3	12.9	2.4	11	11	31.4	15.7	UCM-16L-1
6	54	27	17.7	15.3	4.8	14	14	39.2	19.6	UCM-16L-2
8	57.6	28.8	18.6	16.2	6.3	16	16	42.6	21.3	UCM-16L-3
10	63	31.5	19.5	17.2	7.9	17	19	47.8	23.9	UCM-16L-4
12	72	36	22	22.8	9.5	22	22	51.8	25.9	UCM-16L-5
16	76	38	22	24.4	12.7	24	25	55.8	27.9	UCM-16L-6
22	89.2	44.6	22	26	18.3	32	32	69	34.5	UCM-16L-7
25	98.2	49.1	26.5	31.3	21.8	35	38	73.6	36.8	UCM-16L-8

NOTE: Many possibilities of this product are available but not shown here.



Male NPT Threads

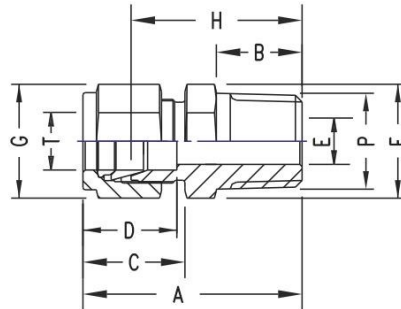
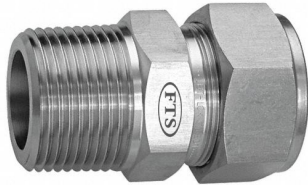


INCH OD TUBE

T Tube OD	P NPT Male	A	B	C	D	E	F	G	H	SS 316 L Part No.
						min.	A/F	A/F		
1/16	1/16	23.9	9.6	11	8.6	1.3	8	8	20	MCI-16L-1
1/16	1/8	26.2	9.6	11	8.6	1.3	14	8	22.4	MCI-16L-2
1/8	1/8	30.5	9.6	15.3	12.7	2.4	11	11	23.9	MCI-16L-3
1/8	1/4	35.6	14.3	15.3	12.7	2.4	14	11	29	MCI-16L-4
1/4	1/8	32.8	9.6	17.8	15.3	4.8	14	14	25.4	MCI-16L-5
1/4	1/4	37.8	14.3	17.8	15.3	4.8	14	14	30.5	MCI-16L-6
1/4	3/8	38.4	14.3	17.8	15.3	4.8	19	14	31	MCI-16L-7
1/4	1/2	44.7	19.1	17.8	15.3	4.8	22	14	37.4	MCI-16L-8
5/16	1/4	38.6	14.3	18.5	16.3	6.3	14	16	31.2	MCI-16L-9
3/8	1/8	35.3	9.6	19.3	16.8	4.8	16	17	27.9	MCI-16L-10
3/8	1/4	39.8	14.3	19.3	16.8	7.1	16	17	32.5	MCI-16L-11
3/8	3/8	39.8	14.3	19.3	16.8	7.1	19	17	32.5	MCI-16L-12
3/8	1/2	41.2	19.1	19.3	16.8	7.1	22	17	38.9	MCI-16L-13
1/2	1/2	41.2	19.1	19.3	16.8	7.1	22	17	38.9	MCI-16L-14
1/2	1/4	43.4	14.3	21.8	22.9	7.1	22	22	33.3	MCI-16L-15
1/2	3/8	43.4	14.3	21.8	22.9	9.6	22	22	33.3	MCI-16L-16
1/2	1/2	49	19.1	21.8	22.9	10.4	22	22	38.9	MCI-16L-17
1/2	3/4	50.5	19.1	21.8	22.9	10.4	27	22	40.4	MCI-16L-18
1/2	1	57.1	23.8	21.8	22.9	10.4	35	22	47	MCI-16L-19
5/8	3/8	44.2	14.3	21.8	24.4	9.6	24	25	34	MCI-16L-20
5/8	1/2	49	19.1	21.8	24.4	10.4	24	25	38.9	MCI-16L-21
3/4	1/2	50.5	19.1	21.8	24.4	10.4	27	28.5	40.4	MCI-16L-22
3/4	3/4	50.5	19.1	21.8	24.4	15.8	27	28.5	40.4	MCI-16L-23
3/4	1	57.1	23.8	21.8	24.4	15.8	35	28.5	47	MCI-16L-24
7/8	3/4	50.5	19.1	21.8	26	15.8	30	32	40.4	MCI-16L-25
1	1/2	57.4	19.1	26.4	31.2	10.4	35	38	45.2	MCI-16L-26
1	3/4	57.4	19.1	26.4	31.2	15.8	35	38	45.2	MCI-16L-27
1	1	62.2	23.8	26.4	31.2	22.3	35	38	50	MCI-16L-28
1.1/4	1	77.2	23.8	38.9	41.2	22.3	46	50	55.2	MCI-16L-29
1.1/4	1.1/4	77.2	23.8	38.9	41.2	27.6	46	50	55.2	MCI-16L-30
1.1/2	1.1/2	88.9	26.2	45.2	50	34	55	57	61.7	MCI-16L-31
2	2	113.5	26.9	62.7	67.6	46	70	76	76.2	MCI-16L-32



Male NPT Threads



METRIC OD TUBE

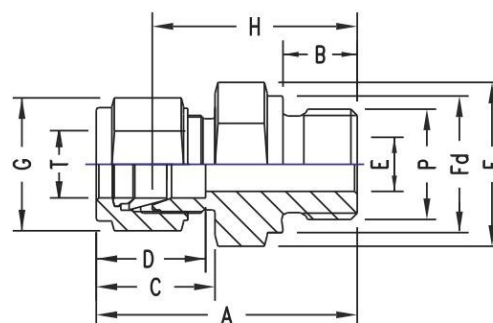
T Tube OD	P NPT Male	A	B	C	D	E min.	F A/F	G A/F	H	SS 316 L Part No.
3	1/8	30.5	9.6	15.3	12.9	2.4	11	11	23.9	MCM-16L-1
3	1/4	35.6	14.3	15.3	12.9	2.4	14	11	29	MCM-16L-2
6	1/8	32.8	9.6	17.7	15.3	4.8	14	14	25.4	MCM-16L-3
6	1/4	37.9	14.3	17.7	15.3	4.8	14	14	30.5	MCM-16L-4
6	3/8	38.4	14.3	17.7	15.3	4.8	19	14	31	MCM-16L-5
6	1/2	44.7	19.1	17.7	15.3	4.8	22	14	37.3	MCM-16L-6
8	1/8	34.2	9.6	18.6	16.2	4.8	14	16	26.7	MCM-16L-7
8	1/4	38.7	14.3	18.6	16.2	6.3	14	16	31.2	MCM-16L-8
8	3/8	39.3	14.3	18.6	16.2	6.3	19	16	31.8	MCM-16L-9
8	1/2	45.6	19.1	18.6	16.2	6.3	22	16	38.1	MCM-16L-10
10	1/8	36.3	9.6	19.5	17.2	4.8	17	19	28.7	MCM-16L-11
10	1/4	40.9	14.3	19.5	17.2	7.9	19	19	33.3	MCM-16L-12
10	3/8	40.9	14.3	19.5	17.2	7.9	19	19	33.3	MCM-16L-13
10	1/2	46.5	19.1	19.5	17.2	7.9	22	19	38.9	MCM-16L-14
12	1/4	43.4	14.3	22	22.8	7.1	22	22	33.3	MCM-16L-15
12	3/8	43.4	14.3	22	22.8	9.5	22	22	33.3	MCM-16L-16
12	1/2	49	19.1	22	22.8	9.5	22	22	38.9	MCM-16L-17
12	3/4	50.5	19.1	22	22.8	9.5	27	22	40.4	MCM-16L-18
12	1	57.1	23.8	22	22.8	9.5	35	22	47	MCM-16L-19
14	1/4	44.1	14.3	22	24.4	7.1	24	25	34	MCM-16L-20
14	3/8	44.1	14.3	22	24.4	9.5	24	25	34	MCM-16L-21
14	1/2	49	19.1	22	24.4	11.1	24	25	38.9	MCM-16L-22
15	1/2	49	19.1	22	24.4	11.9	24	25	38.9	MCM-16L-23
16	3/8	44.1	14.3	22	24.4	9.5	24	25	34	MCM-16L-24
16	1/2	49	14.3	22	24.4	11.9	24	25	38.9	MCM-16L-25
16	3/4	50.5	19.1	22	24.4	12.7	27	25	40.4	MCM-16L-26
18	1/2	50.5	19.1	22	24.4	11.9	27	30	40.4	MCM-16L-27
18	3/4	50.5	19.1	22	24.4	15.1	27	30	40.4	MCM-16L-28
20	1/2	52.3	19.1	22	26	11.9	30	32	42.2	MCM-16L-29
20	3/4	52.3	19.1	22	26	15.9	30	32	42.2	MCM-16L-30
22	3/4	52.3	19.1	22	26	15.9	30	32	42.2	MCM-16L-31
22	1	57.1	23.8	22	26	18.3	35	32	47	MCM-16L-32
25	1/2	57.5	19.1	26.5	31.3	11.9	35	38	45.2	MCM-16L-33
25	3/4	57.5	19.1	26.5	31.3	15.8	35	38	45.2	MCM-16L-34
25	1	62.3	23.8	26.5	31.3	21.8	35	38	50	MCM-16L-35
28	1	72.4	23.8	36.6	36.6	21.8	41	38	51	MCM-16L-36
28	1.1/4	73.1	23.8	36.6	36.6	21.8	46	46	52.3	MCM-16L-37
30	1.1/4	77.2	23.8	39.2	39.6	26.2	46	46	55.6	MCM-16L-38
32	1.1/4	79.6	23.8	41.6	42	28.6	46	46	56.6	MCM-16L-39
38	1.1/2	96.6	26.2	47.9	49.4	33.7	55	55	64	MCM-16L-40



FAIKA TECHNO SYSTEMS

MALE CONNECTOR

Male ISO * Parallel Threads-RP



INCH OD TUBE x Male ISO* Parallel Thread - RP

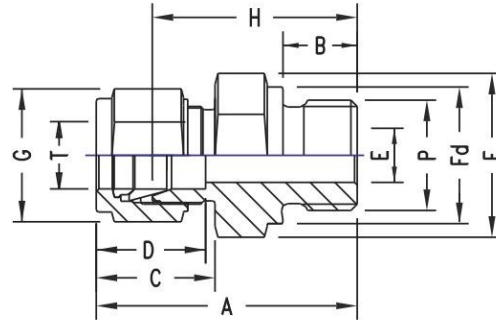
T Tube OD	P ISO	A	B	C	D	E	F	Fd	G	H	SS 316 L Part No.
	Male					min.	A/F		A/F		
1/8	1/8	30	7.1	15.3	12.7	2.4	14	13.7	11	23.4	MCRPI-16L-1
1/8	1/4	35.3	11.2	15.3	12.7	2.4	19	18	11	28.7	MCRPI-16L-2
1/4	1/8	32.3	7.1	17.8	15.3	4.8	14	13.7	14	24.9	MCRPI-16L-3
1/4	1/4	37.6	11.2	17.8	15.3	4.8	19	18	14	30.2	MCRPI-16L-4
1/4	3/8	38.9	11.2	17.8	15.3	4.8	22	21.8	14	31.5	MCRPI-16L-5
1/4	1/2	44.7	14.2	17.8	15.3	4.8	27	26	14	37.4	MCRPI-16L-6
3/8	1/4	39.2	11.2	19.3	16.8	5.8	19	18	17	31.8	MCRPI-16L-7
3/8	3/8	40.4	11.2	19.3	16.8	7.1	22	21.8	17	33	MCRPI-16L-8
3/8	1/2	46.3	14.2	19.3	16.8	7.1	27	26	17	38.9	MCRPI-16L-9
1/2	1/4	42.7	11.2	21.8	22.9	5.8	22	18	22	32.5	MCRPI-16L-10
1/2	3/8	43.2	11.2	21.8	22.9	7.9	22	21.8	22	33	MCRPI-16L-11
1/2	1/2	49	14.2	21.8	22.9	10.4	27	26	22	38.9	MCRPI-16L-12
1/2	3/4	52.8	15.7	21.8	22.9	10.4	35	32	22	42.7	MCRPI-16L-13
3/4	1/2	49	14.2	21.8	24.4	11.9	27	26	28.5	38.9	MCRPI-16L-14
3/4	3/4	52.8	15.7	21.8	24.4	15.8	35	32	28.5	42.7	MCRPI-16L-15
3/4	1	55.4	18.3	21.8	24.4	15.8	41	39	28.5	45.6	MCRPI-16L-16
1	1/2	55.9	14.2	26.4	31.2	11.9	35	26	38	43.7	MCRPI-16L-17
1	3/4	57.5	15.7	26.4	31.2	15.8	35	32	38	45.2	MCRPI-16L-18
1	1	60	18.3	26.4	31.2	19.8	41	39	38	47.8	MCRPI-16L-19
1.1/4	1.1/4	78.9	19.8	38.9	41.2	25	50	49	50	55.9	MCRPI-16L-20
1.1/2	1.1/2	90.8	22.1	45.2	50	31.8	60	54.7	57	63.2	MCRPI-16L-21



FAIKA TECHNO SYSTEMS

MALE CONNECTOR

Male ISO * Parallel Threads-RP

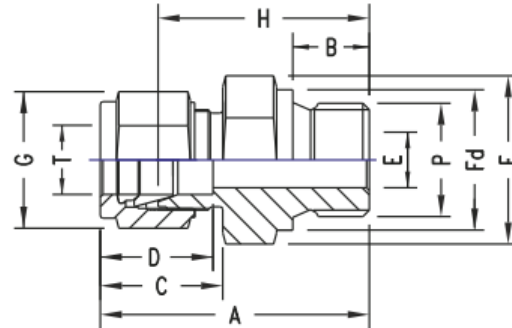


METRIC OD TUBE x Male ISO* Parallel Thread - RP

T Tube	P ISO Male	A	B	C	D	E min.	F A/F	Fd A/F	G	H	SS 316 L Part No.
3	1/8	30	7.1	15.3	12.9	2.4	14	13.8	11	23.4	MCRPM-16L-1
3	1/4	35.3	11.2	15.3	12.9	2.4	19	18	11	28.7	MCRPM-16L-2
6	1/8	32.3	7.1	17.7	15.3	4.8	14	13.8	14	24.9	MCRPM-16L-3
6	1/4	37.6	11.2	17.7	15.3	4.8	19	18	14	30.2	MCRPM-16L-4
6	3/8	38.9	11.2	17.7	15.3	4.8	22	21.8	14	31.5	MCRPM-16L-5
6	1/2	44.7	14.2	17.7	15.3	4.8	27	26	14	37.3	MCRPM-16L-6
8	1/8	33.2	7.1	18.6	16.2	4	14	13.8	16	25.7	MCRPM-16L-7
8	1/4	38.5	11.2	18.6	16.2	6.4	19	18	16	31	MCRPM-16L-8
8	3/8	39.8	11.2	18.6	16.2	6.4	22	21.8	16	32.3	MCRPM-16L-9
8	1/2	45.6	14.2	18.6	16.2	6.4	27	26	16	38.1	MCRPM-16L-10
10	1/4	39.4	11.2	19.5	17.2	5.9	19	18	19	31.8	MCRPM-16L-11
10	3/8	40.6	11.2	19.5	17.2	7.6	22	21.8	19	33	MCRPM-16L-12
10	1/2	46.5	14.2	19.5	17.2	7.9	27	26	19	38.9	MCRPM-16L-13
12	1/4	42.6	11.2	22	22.8	5.9	22	18	22	32.5	MCRPM-16L-14
12	3/8	43.1	11.2	22	22.8	7.9	22	21.8	22	33	MCRPM-16L-15
12	1/2	49	14.2	22	22.8	9.5	27	26	22	38.9	MCRPM-16L-16
12	3/4	52.8	15.7	22	22.8	9.5	35	32	22	42.7	MCRPM-16L-17
16	3/8	43.9	11.2	22	24.4	7.9	24	21.8	25	33.8	MCRPM-16L-18
16	1/2	49	14.2	22	24.4	11.9	27	26	25	38.9	MCRPM-16L-19
20	1/2	50.5	14.2	22	26	11.9	30	26	28.5	40.4	MCRPM-16L-20
20	3/4	52.3	15.7	22	26	15.9	35	32	28.5	42.7	MCRPM-16L-21
22	3/4	52.3	15.7	22	26	15.9	35	32	32	42.7	MCRPM-16L-22
22	1	55.3	18.3	22	26	18.3	41	39	32	45.2	MCRPM-16L-23
25	3/4	57.5	15.7	26.5	31.3	15.9	35	32	38	45.2	MCRPM-16L-24
25	1	60.1	18.3	26.5	31.3	19.8	41	39	38	47.8	MCRPM-16L-25
28	1	70.1	18.3	36.6	36.6	19.8	41	39	46	49.3	MCRPM-16L-26
30	1.1/4	76.5	19.8	39.2	39.6	25	50	49	50	54.9	MCRPM-16L-27
32	1.1/4	78.9	19.8	41.6	42	25	50	49	50	55.9	MCRPM-16L-28
38	1.1/2	90.8	22.1	47.9	49.4	31.8	55	54.7	57	63.2	MCRPM-16L-29



Male ISO * Parallel Threads-RS

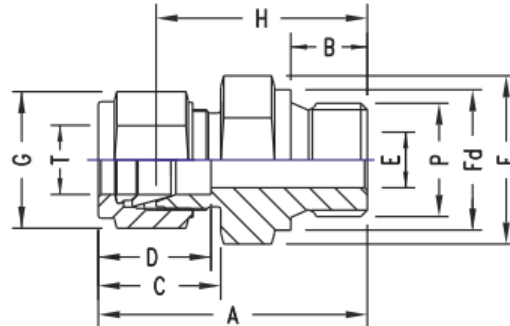


INCH OD TUBE x Male ISO* Parallel Thread - RS

T Tube OD	P ISO	A	B	C	D	E	F	Fd	G	H	SS 316 L Part No.
	Male					min.	A/F		A/F		
1/8	1/8	30	7.1	15.3	12.7	2.4	14	13.7	11	23.4	MCRSI-16L-1
1/8	1/4	35.3	11.2	15.3	12.7	2.4	19	18	11	28.7	MCRSI-16L-2
1/4	1/8	32.3	7.1	17.8	15.3	4.8	14	13.7	14	24.9	MCRSI-16L-3
1/4	1/4	37.6	11.2	17.8	15.3	4.8	19	18	14	30.2	MCRSI-16L-4
1/4	3/8	38.9	11.2	17.8	15.3	4.8	22	21.8	14	31.5	MCRSI-16L-5
1/4	1/2	44.7	14.2	17.8	15.3	4.8	27	26	14	37.4	MCRSI-16L-6
3/8	1/4	39.2	11.2	19.3	16.8	5.8	19	18	17	31.8	MCRSI-16L-7
3/8	3/8	40.4	11.2	19.3	16.8	7.1	22	21.8	17	33	MCRSI-16L-8
3/8	1/2	46.3	14.2	19.3	16.8	7.1	27	26	17	38.9	MCRSI-16L-9
1/2	1/4	42.7	11.2	21.8	22.9	5.8	22	18	22	32.5	MCRSI-16L-10
1/2	3/8	43.2	11.2	21.8	22.9	7.9	22	21.8	22	33	MCRSI-16L-11
1/2	1/2	49	14.2	21.8	22.9	10.4	27	26	22	38.9	MCRSI-16L-12
1/2	3/4	52.8	15.7	21.8	22.9	10.4	35	32	22	42.7	MCRSI-16L-13
3/4	1/2	49	14.2	21.8	24.4	11.9	27	26	28.5	38.9	MCRSI-16L-14
3/4	3/4	52.8	15.7	21.8	24.4	15.8	35	32	28.5	42.7	MCRSI-16L-15
3/4	1	55.4	18.3	21.8	24.4	15.8	41	39	28.5	45.6	MCRSI-16L-16
1	1/2	55.9	14.2	26.4	31.2	11.9	35	26	38	43.7	MCRSI-16L-17
1	3/4	57.5	15.7	26.4	31.2	15.8	35	32	38	45.2	MCRSI-16L-18
1	1	60	18.3	26.4	31.2	19.8	41	39	38	47.8	MCRSI-16L-19
1.1/4	1.1/4	78.9	19.8	38.9	41.2	25	50	49	50	55.9	MCRSI-16L-20
1.1/2	1.1/2	90.8	22.1	45.2	50	31.8	60	54.7	57	63.2	MCRSI-16L-21



Male ISO * Parallel Threads-RS



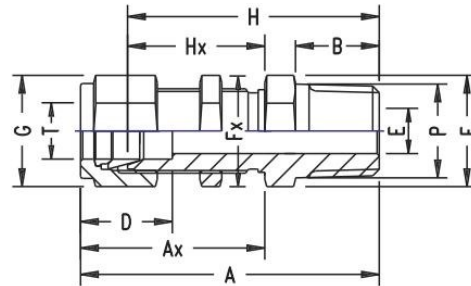
METRIC OD TUBE x Male ISO* Parallel Thread - RS

T Tube OD	P ISO	A	B	C	D	E	F	Fd	G	H	SS 316 L Part No.
	Male					min.	A/F	A/F			
3	1/8	30	7.1	15.3	12.9	2.4	14	13.8	11	23.4	MCRSM-16L-1
3	1/4	35.3	11.2	15.3	12.9	2.4	19	18	11	28.7	MCRSM-16L-2
6	1/8	32.3	7.1	17.7	15.3	4.8	14	13.8	14	24.9	MCRSM-16L-3
6	1/4	37.6	11.2	17.7	15.3	4.8	19	18	14	30.2	MCRSM-16L-4
6	3/8	38.9	11.2	17.7	15.3	4.8	22	21.8	14	31.5	MCRSM-16L-5
6	1/2	44.7	14.2	17.7	15.3	4.8	27	26	14	37.3	MCRSM-16L-6
8	1/8	33.2	7.1	18.6	16.2	4	14	13.8	16	25.7	MCRSM-16L-7
8	1/4	38.5	11.2	18.6	16.2	6.4	19	18	16	31	MCRSM-16L-8
8	3/8	39.8	11.2	18.6	16.2	6.4	22	21.8	16	32.3	MCRSM-16L-9
8	1/2	45.6	14.2	18.6	16.2	6.4	27	26	16	38.1	MCRSM-16L-10
10	1/4	39.4	11.2	19.5	17.2	5.9	19	18	19	31.8	MCRSM-16L-11
10	3/8	40.6	11.2	19.5	17.2	7.6	22	21.8	19	33	MCRSM-16L-12
10	1/2	46.5	14.2	19.5	17.2	7.9	27	26	19	38.9	MCRSM-16L-13
12	1/4	42.6	11.2	22	22.8	5.9	22	18	22	32.5	MCRSM-16L-14
12	3/8	43.1	11.2	22	22.8	7.9	22	21.8	22	33	MCRSM-16L-15
12	1/2	49	14.2	22	22.8	9.5	27	26	22	38.9	MCRSM-16L-16
12	3/4	52.8	15.7	22	22.8	9.5	35	32	22	42.7	MCRSM-16L-17
16	3/8	43.9	11.2	22	24.4	7.9	24	21.8	25	33.8	MCRSM-16L-18
16	1/2	49	14.2	22	24.4	11.9	27	26	25	38.9	MCRSM-16L-19
20	1/2	50.5	14.2	22	26	11.9	30	26	28.5	40.4	MCRSM-16L-20
20	3/4	52.3	15.7	22	26	15.9	35	32	28.5	42.7	MCRSM-16L-21
22	3/4	52.3	15.7	22	26	15.9	35	32	32	42.7	MCRSM-16L-22
22	1	55.3	18.3	22	26	18.3	41	39	32	45.2	MCRSM-16L-23
25	3/4	57.5	15.7	26.5	31.3	15.9	35	32	38	45.2	MCRSM-16L-24
25	1	60.1	18.3	26.5	31.3	19.8	41	39	38	47.8	MCRSM-16L-25
28	1	70.1	18.3	36.6	36.6	19.8	41	39	46	49.3	MCRSM-16L-26
30	1.1/4	76.5	19.8	39.2	39.6	25	50	49	50	54.9	MCRSM-16L-27
32	1.1/4	78.9	19.8	41.6	42	25	50	49	50	55.9	MCRSM-16L-28
38	1.1/2	90.8	22.1	47.9	49.4	31.8	55	54.7	57	63.2	MCRSM-16L-29



FAIKA TECHNO SYSTEMS

BULKHEAD MALE CONNECTOR

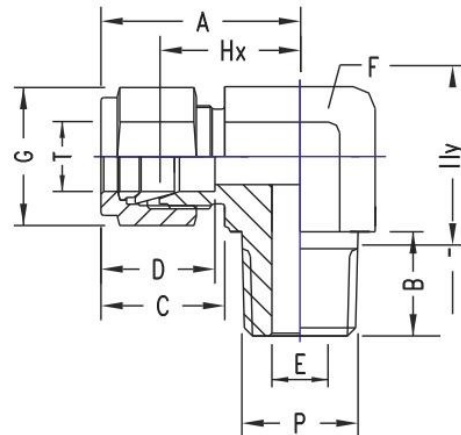


INCH OD TUBE x Male NPT Thread

T Tube OD	P NPT Male	A	Ax	B	D	E	F	G	H	Hx	Panel Hole Dr ill Size	Max. Panel Thick- ness	SS 316 L Part No.
						min.	A/F	A/F					
1/8	1/8	46.4	31.2	9.6	12.7	2.4	14	11	39.8	24.6	8.3	12.7	BMCI-16L-1
1/4	1/8	49.5	33.5	9.6	15.3	4.8	16	14	42.2	26.2	11.5	10.2	BMCI-16L-2
1/4	1/4	54.1	33.5	14.3	15.3	4.8	16	14	46.7	26.2	11.5	10.2	BMCI-16L-3
3/8	1/4	57.4	36.8	14.3	16.8	7.1	19	17	50	29.5	14.7	11.2	BMCI-16L-4
3/8	3/8	57.4	36.8	14.3	16.8	7.1	19	17	50	29.5	14.7	11.2	BMCI-16L-5
3/8	1/2	63.7	36.8	19.1	16.8	7.1	22	17	56.5	29.5	14.7	11.2	BMCI-16L-6
1/2	3/8	63.8	41.9	14.3	22.9	9.6	24	22	53	31.8	19.5	12.7	BMCI-16L-7
1/2	1/2	68.8	41.9	19.1	22.9	10.4	24	22	58.8	31.8	19.5	12.7	BMCI-16L-8
3/4	3/4	76.2	47.5	19.1	24.4	15.8	30	28.5	66.9	37.4	25.8	16.8	BMCI-16L-9
1	1	93.2	57.4	23.9	31.2	22.3	41	38	81	45.2	33.7	19	BMCI-16L-10
1.1/4	1.1/4	110.5	72.5	23.9	41.2	27.6	50	50	87.5	49.5	42.5	19	BMCI-16L-11
1.1/2	1.1/2	122.8	79.1	26.2	50	34	60	57	95.5	51.5	50.5	19	BMCI-16L-12

METRIC OD TUBE x Male NPT Thread

T Tube OD	P NPT Male	A	Ax	B	D	E	F	G	H	Hx	Panel Hole Dr ill Size	Max. Panel Thick- ness	SS 316 L Part No.
						min.	A/F	A/F					
3	1/8	46.4	31.2	9.6	12.9	2.4	11	11	39.8	24.6	8.3	12.7	BMCM-16L-1
6	1/8	49.5	33.5	9.6	15.3	4.8	16	14	42.2	26.2	11.5	10.2	BMCM-16L-2
10	1/4	57.4	36.8	14.3	17.2	7.1	19	17	50.0	29.5	14.7	11.2	BMCM-16L-3
10	3/8	57.4	36.8	14.3	17.2	7.1	19	17	50	29.5	14.7	11.2	BMCM-16L-4
12	3/8	63.3	41.9	14.3	22	9.6	24	22	53.0	32.8	19.5	12.7	BMCM-16L-5
12	1/2	68.8	41.9	19.1	22	1.4	24	22	58.8	31.8	19.5	12.7	BMCM-16L-6
16	1/2	69.6	42.6	19.1	24.4	11.9	27	25	59.5	32.5	22.8	12.7	BMCM-16L-7
22	3/4	83.3	53	19.1	26	15.8	35	25	73.2	42.9	29	19	BMCM-16L-8
25	1	93.2	57.4	23.9	31.3	22.3	41	38	81	45.2	33.7	19	BMCM-16L-9
32	1.1/4	110.5	72.5	23.9	42	28.6	50	50	87.5	49.5	42.5	19	BMCM-16L-10
38	1.1/2	122.8	79.1	26.2	49.4	33.7	60	57	95.5	51.5	50.5	19	BMCM-16L-11



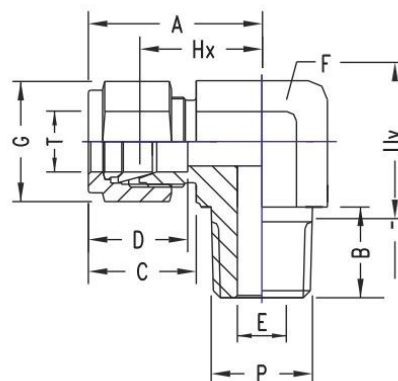
INCH OD TUBE x Male NPT Threads

T Tube OD	P ISO Male	A	B	C	D	E	F	Fd	G	H	SS 316 L Part No.
						min.	A/F		A/F		
1/16	1/16	19.0	9.6	10.9	8.6	1.3	11	11	15.3	17.8	MEI-16L-1
1/16	1/8	19.0	9.6	10.9	8.6	1.3	11	11	15.3	17.8	MEI-16L-2
1/8	1/8	23.6	9.6	15.3	12.7	2.4	11	11	17	17.8	MEI-16L-3
1/8	1/4	24.6	14.3	15.3	12.7	2.4	14	11	18	23.4	MEI-16L-4
1/4	1/8	26.9	9.6	17.8	5.3	4.8	14	14	19.6	18.8	MEI-16L-5
1/4	1/4	26.9	14.3	17.8	15.3	4.8	14	14	19.6	23.4	MEI-16L-6
1/4	3/8	29.7	14.3	17.8	15.3	4.8	19	14	22.4	26.2	MEI-16L-7
1/4	1/2	31.8	19.1	17.8	15.3	4.8	22	14	24.4	33	MEI-16L-8
5/16	1/4	28.7	9.6	18.5	16.3	6.3	14	16	21.3	24.4	MEI-16L-9
3/8	1/8	30.5	9.6	19.3	16.8	4.8	14	17	23.1	20.9	MEI-16L-10
3/8	1/4	30.5	14.3	19.3	16.8	7.1	17	17	23.1	25.4	MEI-16L-11
3/8	3/8	31.2	14.3	19.3	16.8	7.1	19	17	23.9	26.2	MEI-16L-12
3/8	1/2	33.3	19.1	19.3	16.8	7.1	22	17	25.9	33	MEI-16L-13
1/2	1/4	36	14.3	21.8	22.9	4.8	22	22	25.9	28.2	MEI-16L-14
1/2	3/8	36	14.3	21.8	22.9	9.6	22	22	25.9	28.2	MEI-16L-15
1/2	1/2	36	19.1	21.8	22.9	10.4	22	22	25.9	33	MEI-16L-16
1/2	3/4	39.9	19.1	21.8	22.9	10.4	27	22	29.7	36.8	MEI-16L-17
5/8	1/2	38.1	19.1	21.8	24.4	11.9	24	25	27.9	35.0	MEI-16L-18
3/4	1/2	39.9	19.1	21.8	24.4	11.9	27	28.5	29.7	36.8	MEI-16L-19
3/4	3/4	39.9	19.1	21.8	24.4	15.8	27	28.5	29.7	36.8	MEI-16L-20
1	3/4	49	19.1	26.4	31.2	15.8	35	38	36.8	41.6	MEI-16L-21
1	1	49	23.8	26.4	31.2	22.3	35	38	36.8	46.5	MEI-16L-22
1.1/4	1.1/4	66.5	23.8	38.8	41.1	27.6	46	50	44.5	47.8	MEI-16L-23
1.1/2	1.1/2	78	26.2	45.2	50	34	55	57	50.8	60.4	MEI-16L-24
2	2	107.2	26.9	62.7	67.6	46.0	70	76	69.9	70.6	MEI-16L-25



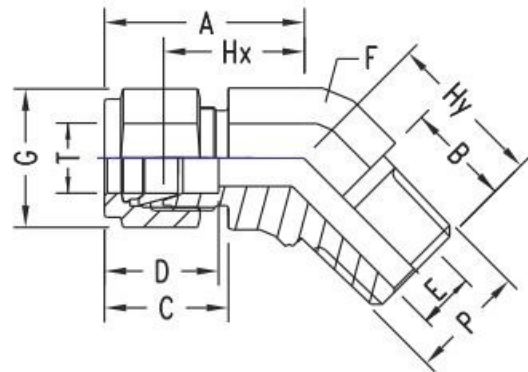
FAIKA TECHNO SYSTEMS

MALE ELBOW



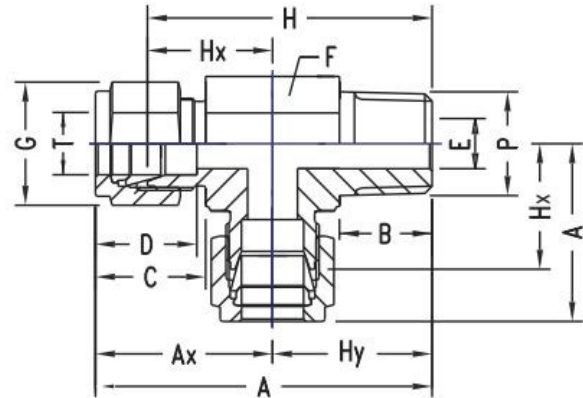
METRIC OD TUBE x Male NPT Thread

T Tube OD	P NPT (F)	A	B	C	D	E	F	G	Hz	Hy	SS 316 L Part No.
						min	A/F	A/F			
3	1/8	23.6	9.6	15.3	12.9	2.4	11	11	17	17.8	MEM-16L-1
3	1/4	24.6	14.3	15.3	12.9	2.4	14	11	18	23.4	MEM-16L-2
6	1/8	27	9.6	17.7	15.3	4.8	14	14	19.6	18.8	MEM-16L-3
6	1/4	27	14.3	17.7	15.3	4.8	14	14	19.6	23.4	MEM-16L-4
6	3/8	29.8	14.3	17.7	15.3	4.8	19	14	22.4	26.2	MEM-16L-5
6	1/2	31.8	19.1	17.7	15.3	4.8	22	14	24.4	33	MEM-16L-6
8	1/8	28.8	9.6	18.6	16.2	4.8	14	16	21.3	19.8	MEM-16L-7
8	1/4	28.8	14.3	18.6	16.2	6.3	14	16	21.3	24.4	MEM-16L-8
8	3/8	30.6	14.3	18.6	16.2	6.3	19	16	23.1	26.2	MEM-16L-9
8	1/2	32.6	19.1	18.6	16.2	6.3	22	16	25.1	33	MEM-16L-10
10	1/8	31.5	9.6	19.5	17.2	4.8	17	19	23.9	21.6	MEM-16L-11
10	1/4	31.5	14.3	19.5	17.2	7.1	17	19	23.9	26.2	MEM-16L-12
10	3/8	31.5	14.3	19.5	17.2	7.9	19	19	23.9	26.2	MEM-16L-13
10	1/2	33	19.1	19.5	17.2	7.9	22	19	25.9	33	MEM-16L-14
12	1/4	36	19.1	22	22.8	7.1	22	22	25.9	26.2	MEM-16L-15
12	3/8	36	19.1	22	22.8	9.5	22	22	25.9	38.2	MEM-16L-16
12	1/2	36	19.1	22	22.8	9.5	22	22	25.9	33	MEM-16L-17
12	3/4	39.8	19.1	22.0	22.8	9.5	27	22	29.7	26.8	MEM-16L-18
15	1/2	38	19.1	22	24.4	11.9	24	25	27.9	35.1	MEM-16L-19
16	1/2	38	19.1	22	24.4	11.9	24	25	27.9	35.1	MEM-16L-20
16	3/4	39.8	19.1	22	24.4	27.7	27	25	29.7	36.8	MEM-16L-21
18	1/2	39.8	19.1	22.0	24.4	11.9	27	30	29.7	36.8	MEM-16L-22
18	3/4	39.8	19.1	22.0	24.4	15.1	27	30	29.7	36.8	MEM-16L-23
20	1/2	44.6	19.1	22.0	26.0	11.9	35	32	34.5	41.7	MEM-16L-24
20	3/4	44.6	19.1	22.0	26.0	15.9	35	32	34.5	41.7	MEM-16L-25
22	3/4	44.6	19.1	22	26	15.9	35	32	34.5	41.7	MEM-16L-26
22	1	44.6	23.9	22	26	18.3	35	32	34.5	46.5	MEM-16L-27
25	3/4	49.1	19.1	26.5	31.3	59.9	35	38	36.8	41.7	MEM-16L-28
25	1	41.1	23.9	26.5	31.3	21.8	35	38	36.8	46.5	MEM-16L-29
30	1.1/4	69.9	23.9	39.2	39.6	26.2	45	50	48.3	53.1	MEM-16L-30
32	1.1/4	72.3	23.9	41.6	42	27.6	45	50	49.3	53.1	MEM-16L-31
38	1.1/2	84	26.2	47.9	49.4	33.7	55	57	56.4	60.4	MEM-16L-32



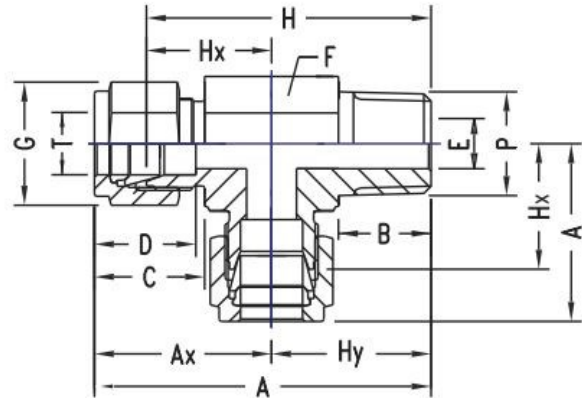
INCH OD TUBE x Male NPT Thread

T Tube OD	P NPT Male	A	B	C	D	E	F	G	Hx	Hy	SS 316 L Part No.
						min.		A/F			
1/4	1/8	24.6	9.6	17.8	15.3	4.8	14	14	17.3	16.5	DMEI-16L-1
1/4	1/4	24.6	14.3	17.8	15.3	4.8	14	14	17.3	21	DMEI-16L-2
3/8	1/8	27.9	9.6	19.3	16.8	4.8	14	17	20.6	18.3	DMEI-16L-3
3/8	1/4	27.9	14.3	19.3	16.8	7.1	17	17	20.6	22.9	DMEI-16L-4
3/8	3/8	29.2	14.3	19.3	16.8	7.1	19	17	21.8	24.1	DMEI-16L-5
1/2	3/8	32	14.3	21.8	22.9	9.6	22	22	21.8	24.1	DMEI-16L-6
1/2	1/2	32	19.1	21.8	22.9	10.4	22	22	21.8	29	DMEI-16L-7
3/4	3/4	34	19.1	21.8	24.4	15.8	27	28.5	23.9	31.8	DMEI-16L-8
1	1	40.4	23.8	26.4	31.2	22.3	35	38	26.2	37.8	DMEI-16L-9



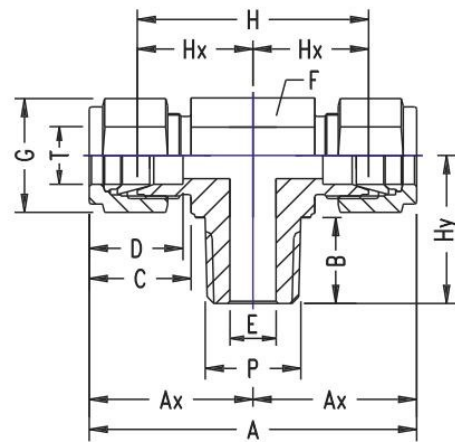
INCH OD TUBE x Male NPT Thread

T Tube OD	P NPT Male	A	Ax	B	C	D	E	F	G	H	Hx	Hy	SS 316 L Part No.
							min						
1/8	1/8	41.4	23.6	9.6	15.3	12.7	2.4	11	11	34.8	17	17.8	MRTI-16L-1
1/8	1/4	48	24.6	14.3	15.3	12.7	2.4	14	11	41.4	18	23.4	MRTI-16L-2
1/4	1/8	45.7	26.9	9.6	17.8	15.3	4.8	14	14	38.4	19.6	18.8	MRTI-16L-3
1/4	1/4	50.3	26.9	14.3	17.8	15.3	4.8	14	14	43	19.6	23.4	MRTI-16L-4
1/4	3/8	55.9	29.7	14.3	17.8	15.3	4.8	19	14	48.8	22.4	26.2	MRTI-16L-5
1/4	1/2	64.8	31.8	19.1	17.8	15.3	4.8	22	14	57.4	24.4	33	MRTI-16L-6
3/8	1/4	55.9	30.5	14.3	19.3	16.8	7.1	17	17	48.5	23.1	25.4	MRTI-16L-7
3/8	3/8	57.4	31.2	14.3	19.3	16.8	7.1	19	17	50.1	23.9	26.2	MRTI-16L-8
3/8	1/2	66	33	19.1	19.3	16.8	7.1	22	17	58.9	25.9	33	MRTI-16L-9
1/2	1/4	64.2	36	14.3	21.8	22.9	4.8	22	22	54.1	25.9	28.2	MRTI-16L-10
1/2	3/8	64.2	36	14.3	21.8	22.9	9.6	22	22	54.1	25.9	28.2	MRTI-16L-11
1/2	1/2	69	36	19.1	21.8	22.9	10.4	22	22	58.9	25.9	33	MRTI-16L-12
5/8	1/2	73.1	38.1	19.1	21.8	24.4	11.9	22	25	62.9	27.9	35	MRTI-16L-13
3/4	1/2	76.7	39.9	19.1	21.8	24.4	11.9	27	29	66.5	29.7	36.8	MRTI-16L-14
3/4	3/4	76.7	39.9	19.1	21.8	24.4	15.8	27	29	66.5	29.7	36.8	MRTI-16L-15
1	3/4	90.6	49	19.1	26.4	31.2	15.8	35	38	78.4	36.8	41.6	MRTI-16L-16
1	1	95.5	49	23.8	26.4	31.2	22.3	35	38	83.3	36.8	46.5	MRTI-16L-17
1.1/4	1.1/4	114.1	66.5	23.8	38.8	41.1	27.6	46	50	92.1	44.5	47.6	MRTI-16L-18
1.1/2	1.1/2	138.4	78	26.2	45.2	50	34	55	57	111.2	50.8	60.4	MRTI-16L-19



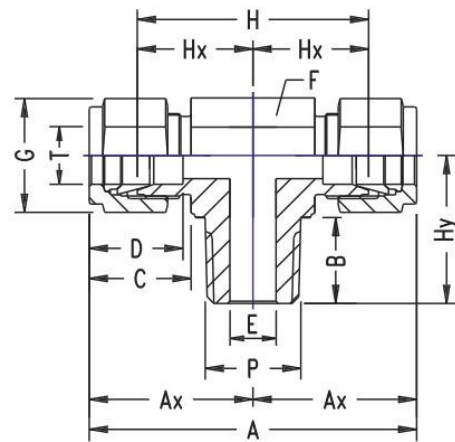
METRIC OD TUBE x Male NPT Thread

T Tube OD	P NPT Male	A	Ax	B	C	D	E	F	G	H	Hx	Hy	SS 316 L Part No.
							min.		A/F	A/F			
3	1/8	41.4	23.6	9.6	15.3	12.9	2.4	11	11	34.8	17	17.8	MRTM-16L-1
3	1/4	48	24.6	14.3	15.3	12.9	2.4	14	11	41.4	18	23.4	MRTM-16L-2
6	1/8	45.8	27	9.6	17.7	15.3	4.8	14	14	38.9	19.6	18.8	MRTM-16L-3
6	1/4	50.4	27	14.3	17.7	15.3	4.8	14	14	43	19.6	23.4	MRTM-16L-4
6	3/8	56	29.8	14.3	17.7	15.3	4.8	19	14	48.6	22.4	26.2	MRTM-16L-5
8	1/4	53.2	28.8	14.3	18.6	16.2	6.3	14	16	45.7	21.3	24.4	MRTM-16L-6
8	3/8	56.8	30.6	14.3	18.6	16.2	6.3	19	16	49.3	23.1	26.2	MRTM-16L-7
8	1/2	65.6	32.6	19.1	18.6	16.2	6.3	22	16	58.1	25.1	33	MRTM-16L-8
10	1/4	57.7	31.5	14.3	19.5	17.2	7.1	17	19	50.1	23.9	26.2	MRTM-16L-9
10	3/8	57.7	31.5	14.3	19.5	17.2	7.9	19	19	50.1	23.9	26.2	MRTM-16L-10
10	1/2	66.5	33.5	19.1	19.5	17.2	7.9	22	19	58.9	25.9	33	MRTM-16L-11
12	1/4	62.2	36	14.3	22	22.8	7.1	22	22	52.1	25.9	26.2	MRTM-16L-12
12	3/8	62.2	36	14.3	22	22.8	9.5	22	22	52.1	25.9	28.2	MRTM-16L-13
12	1/2	69	36	19.1	22	22.8	9.5	22	22	58.9	25.9	33	MRTM-16L-14
16	1/2	73.1	38	19.1	22	24	11.9	24	25	64	27.9	35.1	MRTM-16L-15
25	3/4	90.8	49.1	19.1	26.5	31.3	15.8	35	38	78.5	36.8	41.7	MRTM-16L-16
25	1	95.6	49.1	23.8	26.5	31.3	21.8	35	38	83.3	36.8	46.5	MRTM-16L-17
30	1.1/4	120	66.9	23.8	39.2	39.6	26.2	45	50	101.4	48.3	53.1	MRTM-16L-18
32	1.1/4	125.4	72.3	23.8	41.6	42	27.6	45	50	102.4	49.3	53.1	MRTM-16L-19
38	1.1/2	144.4	84	26.2	47.9	50	33.7	55	57	116.8	56.4	60.4	MRTM-16L-20



INCH OD TUBE x Male NPT Thread

T Tube OD	P NPT Male	A	Ax	B	C	D	E	F	G	H	Hx	Hy	SS 316 L Part No.
							min		A/F	A/F			
1/8	1/8	47.2	23.6	9.6	15.3	12.7	2.4	11	11	34.0	17	17.8	MBTI-16L-1
1/8	1/4	49.2	24.6	14.3	15.3	12.7	2.4	14	11	36.0	18	23.4	MBTI-16L-2
1/4	1/8	53.8	26.9	9.6	17.8	15.3	4.8	14	14	39.2	19.6	18.8	MBTI-16L-3
1/4	1/4	53.8	26.9	14.3	17.8	15.3	4.8	14	14	39.2	19.6	23.4	MBTI-16L-4
1/4	3/8	59.4	29.7	14.3	17.8	15.3	4.8	19	14	44.8	22.4	26.2	MBTI-16L-5
1/4	1/2	63.6	31.8	19.1	17.8	15.3	4.8	22	14	44.8	24.4	33	MBTI-16L-6
3/8	1/4	61.0	30.5	14.3	19.3	16.8	7.1	17	17	46.2	23.1	25.4	MBTI-16L-7
3/8	3/8	62.4	31.2	14.3	19.3	16.8	7.1	19	17	47.8	23.9	26.2	MBTI-16L-8
3/8	1/2	66.0	33	19.1	19.3	16.8	7.1	22	17	51.8	25.9	33	MBTI-16L-9
1/2	1/4	72.0	36	14.3	21.8	22.9	4.8	22	22	51.8	25.9	28.2	MBTI-16L-10
1/2	3/8	72.0	36	14.3	21.8	22.9	9.6	22	22	51.8	25.9	28.2	MBTI-16L-11
1/2	1/2	72.0	36	19.1	21.8	22.9	10.4	22	22	51.8	25.9	33	MBTI-16L-12
5/8	1/2	76.2	38.1	19.1	21.8	24.4	11.9	22	25	55.8	27.9	35	MBTI-16L-13
3/4	1/2	79.8	39.9	19.1	21.8	24.4	11.9	27	29	59.4	29.7	36.8	MBTI-16L-14
3/4	3/4	79.8	39.9	19.1	21.8	24.4	15.8	27	29	59.4	29.7	36.8	MBTI-16L-15
1	3/4	98.0	49	19.1	26.4	31.2	15.8	35	38	72.6	36.8	41.6	MBTI-16L-16
1	1	98.0	49	23.8	26.4	31.2	22.3	35	38	73.6	36.8	46.5	MBTI-16L-17
1.1/4	1.1/4	133.0	66.5	23.8	38.8	41.1	27.6	46	50	89.0	44.5	47.6	MBTI-16L-18
1.1/2	1.1/2	156.0	78	26.2	45.2	50	34	55	57	101.6	50.8	60.4	MBTI-16L-19



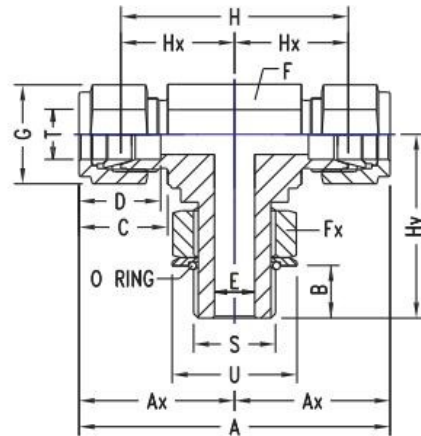
METRIC OD TUBE x Male NPT Thread

T Tube OD	P NPT Male	A	Ax	B	C	D	E	F	G	H	Hx	Hy	SS 316 L Part No.
							min.		A/F	A/F			
3	1/8	41.4	23.6	9.6	15.3	12.9	2.4	11	11	34.8	17	17.8	MBTM-16L-1
3	1/4	48	24.6	14.3	15.3	12.9	2.4	14	11	41.4	18	23.4	MBTM-16L-2
6	1/8	45.8	27	9.6	17.7	15.3	4.8	14	14	38.9	19.6	18.8	MBTM-16L-3
6	1/4	50.4	27	14.3	17.7	15.3	4.8	14	14	43	19.6	23.4	MBTM-16L-4
6	3/8	56	29.8	14.3	17.7	15.3	4.8	19	14	48.6	22.4	26.2	MBTM-16L-5
8	1/4	53.2	28.8	14.3	18.6	16.2	6.3	14	16	45.7	21.3	24.4	MBTM-16L-6
8	3/8	56.8	30.6	14.3	18.6	16.2	6.3	19	16	49.3	23.1	26.2	MBTM-16L-7
8	1/2	65.6	32.6	19.1	18.6	16.2	6.3	22	16	58.1	25.1	33	MBTM-16L-8
10	1/4	57.7	31.5	14.3	19.5	17.2	7.1	17	19	50.1	23.9	26.2	MBTM-16L-9
10	3/8	57.7	31.5	14.3	19.5	17.2	7.9	19	19	50.1	23.9	26.2	MBTM-16L-10
10	1/2	66.5	33.5	19.1	19.5	17.2	7.9	22	19	58.9	25.9	33	MBTM-16L-11
12	1/4	62.2	36	14.3	22	22.8	7.1	22	22	52.1	25.9	26.2	MBTM-16L-12
12	3/8	62.2	36	14.3	22	22.8	9.5	22	22	52.1	25.9	28.2	MBTM-16L-13
12	1/2	69	36	19.1	22	22.8	9.5	22	22	58.9	25.9	33	MBTM-16L-14
16	1/2	73.1	38	19.1	22	24	11.9	24	25	64	27.9	35.1	MBTM-16L-15
25	3/4	90.8	49.1	19.1	26.5	31.3	15.8	35	38	78.5	36.8	41.7	MBTM-16L-16
25	1	95.6	49.1	23.8	26.5	31.3	21.8	35	38	83.3	36.8	46.5	MBTM-16L-17
30	1.1/4	120	66.9	23.8	39.2	39.6	26.2	45	50	101.4	48.3	53.1	MBTM-16L-18
32	1.1/4	125.4	72.3	23.8	41.6	42	27.6	45	50	102.4	49.3	53.1	MBTM-16L-19
38	1.1/2	144.4	84	26.2	47.9	50	33.7	55	57	116.8	56.4	60.4	MBTM-16L-20



FAIKA TECHNO SYSTEMS

POSITIONABLE BRANCH TEE

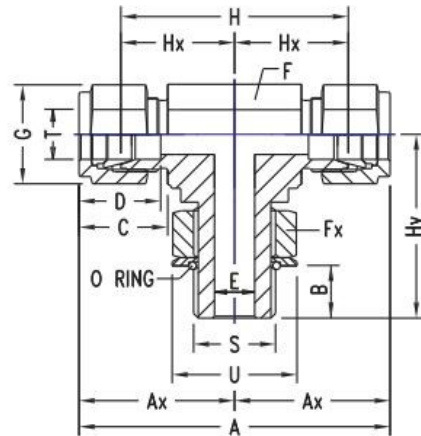


INCH OD TUBE x Male ISO* Parallel Thread

T Tube OD	P ISO Male	A	Ax	B	C	D	E min.	F A/F	Fx A/F	G A/F	H	Hx	Hy	U	SS 316 L Part No.
1/4	1/8	53.4	27	8.2	17.8	15.3	4	14	14	14	46	19.6	26.4	17.3	PBTI-16L-1
1/4	1/4	61.3	29	9.2	17.8	15.3	4.8	16	19	14	53.9	21.6	32.3	22.9	PBTI-16L-2
3/8	1/4	62.8	30.5	9.2	19.3	16.8	5.8	16	19	17	55.5	23.2	32.3	22.9	PBTI-16L-3
1/2	3/8	73	36	9.4	21.8	22.9	7.8	22	22	22	62.9	25.9	37	26.4	PBTI-16L-4
1/2	1/2	81.5	38.1	13	21.8	24.4	10.4	24	27	22	71.3	27.9	43.4	32	PBTI-16L-5
5/8	1/2	81.5	38.1	13	21.8	24.4	10.4	24	27	25	71.3	27.9	43.4	32	PBTI-16L-6
3/4	1/2	85.1	39.9	13	21.8	24.4	10.4	27	27	28.5	74.9	29.7	45.2	32	PBTI-16L-7
3/4	3/4	88.7	39.9	13	21.8	24.4	15.8	27	35	28.5	78.5	29.7	48.8	41.2	PBTI-16L-8
1	1	102.6	49	14	26.4	31.2	19.8	35	41	38	90.4	36.8	53.6	48.5	PBTI-16L-9

METRIC OD TUBE x Male ISO* Parallel Threads

T Tube OD	P ISO Male	A	Ax	B	C	D	E min.	F A/F	Fx A/F	G A/F	H	Hx	Hy	U	SS 316 L Part No.
6	1/8	53.4	27.0	8.1	17.7	15.3	4.0	14	14	14	46.0	19.6	26.4	17.3	PBTM-16L-1
6	1/4	61.3	29.0	9.1	17.7	15.3	4.8	16	19	14	53.9	21.6	32.3	22.9	PBTM-16L-2
8	1/8	56.2	28.8	8.1	18.6	16.2	4.0	14	14	16	48.7	21.3	27.4	17.3	PBTM-16L-3
8	1/4	62.1	29.9	9.1	18.6	16.2	5.9	16	19	16	54.6	22.4	32.2	22.9	PBTM-16L-4
10	1/4	68.5	33.5	9.1	19.5	17.2	5.9	19	19	19	61.9	25.9	35.0	22.9	PBTM-16L-5
12	3/8	73.1	36.0	9.4	22.0	22.8	7.9	22	22	22	63.0	25.9	37.1	26.4	PBTM-16L-6
12	1/2	81.4	38.0	13.0	22.0	23	9.5	24	27	22	71.3	27.9	43.4	32.0	PBTM-16L-7
16	1/2	83.3	38.1	13.0	22.0	24.4	11.9	27	27	28.5	74.9	29.7	45.2	32.0	PBTM-16L-8
22	3/4	93.4	44.6	13.0	22.0	26.0	15.8	27	35	28.5	83.3	34.5	48.8	41.2	PBTM-16L-9
25	3/4	102.3	49.0	13.0	26.5	31.3	15.8	35	35	38	90.1	36.8	53.3	41.2	PBTM-16L-10
25	1	102.6	49.0	14.0	26.5	31.3	21.8	35	41	38	90.4	36.8	53.6	48.5	PBTM-16L-11

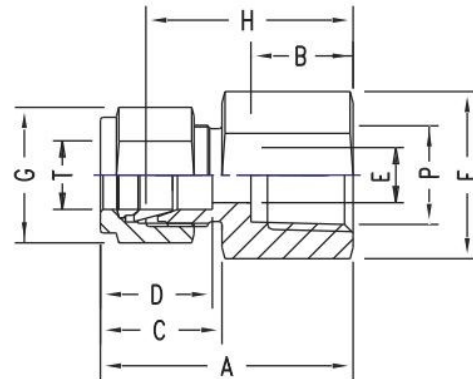
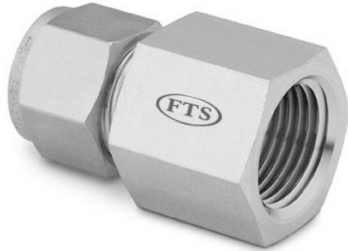


INCH OD TUBE x SAE/MS *Straight threads

T Tube OD	S SAE/ MS Male	A	Ax	B	C	D	E	F	Fx	G	H	Hx	Hy	U	SS 316 L Part No.
							min.	A/F	A/F	A/F					
1/4	7/16-20	57	28.5	9.9	17.8	15.3	4.8	14	14	14	42	21.0	28.5	16.5	PBTI-ST-16L-1
3/8	9/16-18	64	32	11.2	19.3	16.8	7.1	16	17	17	49.2	24.6	32.3	20.0	PBTI-ST-16L-2
1/2	3/4-16	75.2	37.6	12.7	21.8	22.9	10.4	22	22	22	54.8	27.4	37.8	25.6	PBTI-ST-16L-3
3/4	11/16-12	82.8	41.4	16.8	21.8	24	15.8	27	32	28.5	62.4	31.2	48.8	36.6	PBTI-ST-16L-4
1	15/16-12	101.0	50.5	16.8	26.4	31.2	22.3	35	35	38	76.8	38.4	53.6	44.0	PBTI-ST-16L-5
1.1/4	15/8-12	135.6	68	16.8	38.9	41.2	27.6	46	50	50	91.4	46	58	55	PBTI-ST-16L-6
1.1/2	17/8-12	156.0	78.0	16.8	45.2	50	34.0	50	55	60	101.6	51	60	63	PBTI-ST-16L-7

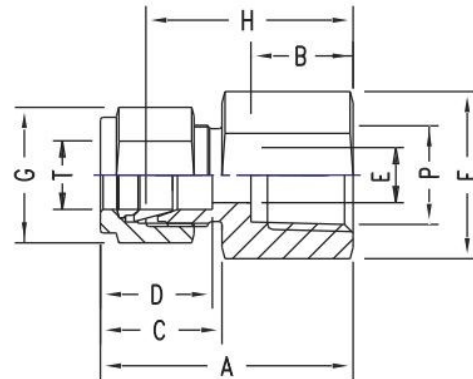
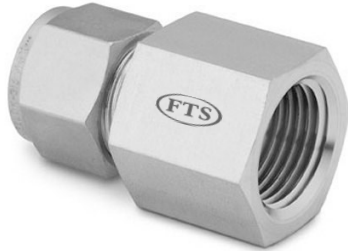
METRIC OD TUBE x SAE/MS *Straight thread

T Tube OD	S SAE/ MS Male	A	Ax	B	C	D	E	F	Fx	G	H	Hx	Hy	U	SS 316 L Part No.
							min.	A/F	A/F	A/F					
6	7/16-20	57	28.5	9.9	17.7	15.3	4.8	14	14	14	42	21.0	28.5	16.5	PBTM-ST-16L-1
10	9/16-18	64	32	11.2	19.5	17.2	7.1	16	17	17	49.2	24.6	32.3	20.0	PBTM-ST-16L-5
12	3/4-16	75.2	37.6	12.7	22.0	22.8	10.4	22	22	22	54.8	27.4	37.8	25.6	PBTM-ST-16L-6
20	11/16-12	82.8	41.4	16.8	22.0	26.0	15.8	27	32	28.5	62.4	31.2	48.8	36.6	PBTM-ST-16L-7
25	15/16-12	101.0	50.5	16.8	26.5	31.3	22.3	35	35	38	76.8	38.4	53.6	44.0	PBTM-ST-16L-8
32	15/8-12	135.6	68	16.8	41.6	42.0	27.6	46	50	50	91.4	46	58	55	PBTM-ST-16L-9
38	17/8-12	156.0	78.0	16.8	47.6	49.4	34.0	50	55	60	101.6	51	60	63	PBTM-ST-16L-10



INCH OD TUBE x FEMALE NPT THREAD

T Tube OD	P ISO Female	A	B	C	D	E	F	G	H	SS 316 L Part No.
						min	A/F	A/F		
1/16	1/16	23.6	9.9	11	8.6	1.3	11	8	19.8	FCI-16L-1
1/16	18	24.4	10.4	11.0	8.6	1.3	14	8	20.6	FCI-16L-2
1/8	1/8	28.7	10.4	15.3	12.7	2.4	14	11	22.1	FCI-16L-3
1/8	1/4	33.6	15	15.3	12.7	2.4	19	11	26.9	FCI-16L-4
1/4	1/8	31.2	9.9	17.8	15.3	4.8	14	14	23.9	FCI-16L-5
1/4	1/4	35.8	15	17.8	15.3	4.8	19	14	28.5	FCI-16L-6
1/4	3/8	37.6	15	17.8	15.3	4.8	22	14	30.2	FCI-16L-7
1/4	1/2	42.4	19.8	17.8	15.3	4.8	27	14	35	FCI-16L-8
5/16	1/8	32	10.4	18.5	16.3	6.3	14	16	24.6	FCI-16L-9
5/16	1/4	36.8	15	18.5	16.3	6.3	19	16	29.5	FCI-16L-10
3/8	1/8	32.8	10.4	19.3	16.8	7.1	16	17	25.4	FCI-16L-11
3/8	1/4	37.6	15	19.3	16.8	7.1	19	17	30.2	FCI-16L-12
3/8	3/8	39.1	15	19.3	16.8	7.1	22	17	31.8	FCI-16L-13
3/8	1/2	43.9	19.8	19.3	16.8	7.1	27	17	36.6	FCI-16L-14
1/2	1/4	40.4	15	21.8	22.9	10.4	22	22	30.2	FCI-16L-15
1/2	3/8	41.9	15	21.8	22.9	10.4	22	22	30.2	FCI-16L-16
1/2	1/2	46.7	19.8	21.8	22.9	10.4	27	22	36.6	FCI-16L-17
1/2	3/4	48.3	20.6	21.8	22.9	10.4	32	22	38.1	FCI-16L-18
5/8	3/8	41.9	15	21.8	24.4	12.7	24	25	31.8	FCI-16L-19
5/8	1/2	46.7	19.8	21.8	24.4	12.7	27	25	36.6	FCI-16L-20
3/4	1/2	46.7	19.8	21.8	24.4	15.8	27	28.5	36.6	FCI-16L-21
3/4	3/4	48.3	20.6	21.8	24.4	15.8	35	28.5	38.1	FCI-16L-22
7/8	3/4	49.8	20.6	21.8	25.9	18.3	35	32	39.6	FCI-16L-23
1	3/4	53.4	20.6	26.4	31.2	22.3	35	38	41.2	FCI-16L-24
1	1	62.3	25.4	26.4	31.2	22.3	41	38	50	FCI-16L-25
1.1/4	1.1/4	74.6	25.4	38.9	41.2	27.6	55	50	52.6	FCI-16L-26
1.1/2	1.1/2	83.3	27.6	45.2	50	34	60	60	56.2	FCI-16L-27



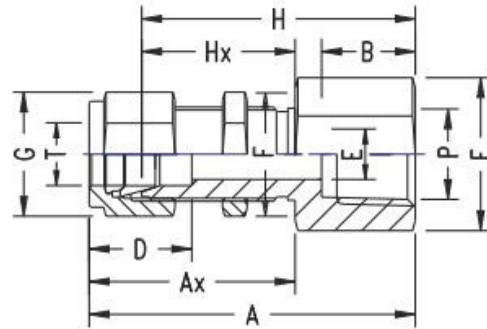
METRIC OD TUBE x FEMALE NPT THREAD

T Tube OD	P ISO Female	A	B	C	D	E	F	G	H	SS 316 L Part No.
						min	A/F	A/F		
3	1/8	28.7	10.4	15.3	12.9	2.4	14	11	22.1	FCM-16L-1
3	1/4	33.5	15	15.3	12.9	2.4	19	11	26.9	FCM-16L-2
6	1/8	31.3	10.4	17.7	15.3	4.8	14	14	23.9	FCM-16L-3
6	1/4	35.8	15	17.7	15.3	4.8	19	14	28.4	FCM-16L-4
6	3/8	37.6	15	17.7	15.3	4.8	22	14	30.2	FCM-16L-5
6	1/2	42.5	19.8	17.7	15.3	4.8	27	14	35.1	FCM-16L-6
8	1/8	32.1	10.4	18.6	16.2	6.3	14	16	24.6	FCM-16L-7
8	1/4	37	15	18.6	16.2	6.3	19	16	29.5	FCM-16L-8
8	3/8	38.5	15	18.6	16.2	6.3	22	16	31	FCM-16L-9
8	1/2	43.3	19.8	18.6	16.2	6.3	27	16	35.8	FCM-16L-10
10	1/4	37.8	15	19.5	17.2	7.9	19	19	30.2	FCM-16L-11
10	3/8	39.4	15	19.5	17.2	7.9	22	19	31.8	FCM-16L-12
10	1/2	44.2	19.8	19.5	17.2	7.9	27	19	36.6	FCM-16L-13
12	1/4	40.3	15	22	22.8	9.5	22	22	30.2	FCM-16L-14
12	3/8	41.9	15	22	22.8	9.5	22	22	31.8	FCM-16L-15
12	1/2	46.7	19.8	22	22.8	9.5	27	22	36.6	FCM-16L-16
15	1/2	46.7	19.8	22	24.4	11.9	27	25	36.6	FCM-16L-17
16	1/2	46.9	19.8	22	24.4	12.7	27	25	36.8	FCM-16L-18
20	1/2	47.9	19.8	22	26	15.9	30	32	37.8	FCM-16L-19
20	3/4	49.7	20.6	22	26	15.9	35	32	39.6	FCM-16L-20
22	3/4	49.7	20.6	22	26	18.3	35	32	39.6	FCM-16L-21
22	1	57.9	25.4	22	26	18.3	41	32	47.8	FCM-16L-22
25	3/4	53.4	20.6	26.5	31.3	21.8	35	38	41.1	FCM-16L-23
25	1	62.3	25.4	26.5	31.3	21.8	41	38	50	FCM-16L-24
32	1.1/4	74.6	25.4	41.6	42	27.6	55	50	52.6	FCM-16L-25
38	1.1/2	83.3	27.6	47.9	49.4	34	60	60	56.2	FCM-16L-26



FAIKA TECHNO SYSTEMS

BULKHEAD FEMALE CONNECTOR



INCH OD TUBE x FEMALE NPT THREAD

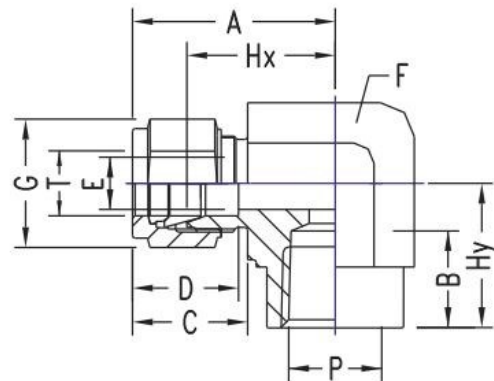
T Tube OD	P NPT Male	A	Ax	B	D	E	F	G	H	Hx	PANEL HOLE DRILL SIZE	Max. Panel Thick- ness	SS 316 L Part No.
						min.	A/F	A/F					
1/8	1/8	44.7	31.2	10.4	12.7	2.4	14	11	38.1	24.6	8.3	12.7	BFCI-16L-1
1/4	1/4	47	33.5	10.4	15.3	4.8	16	14	39.7	26.2	11.5	10.2	BFCI-16L-2
1/4	1/4	51.5	33.5	15	15.3	4.8	19	14	44.2	26.2	11.5	10.2	BFCI-16L-3
3/8	1/4	54.8	36.8	15	16.8	7.1	19	17	47.5	29.5	14.7	11.2	BFCI-16L-4
1/2	3/8	61.7	41.9	15	22.9	10.4	22	22	51.6	31	19.5	12.7	BFCI-16L-5
1/2	1/2	66.7	41.9	19.8	22.9	10.4	27	22	56.6	31	19.5	12.7	BFCI-16L-6
5/8	1/2	67.6	42.7	19.8	22.9	12.7	27	25	57.4	32.5	22.6	12.7	BFCI-16L-7
3/4	1/2	72.4	47.5	19.8	24.4	16	35	28.5	62.3	37.4	25.8	16.8	BFCI-16L-8
3/4	3/4	74.7	47.5	20.6	24.4	16	35	28.5	64.3	37.4	25.8	16.8	BFCI-16L-9
1	3/4	84.3	57.4	20.6	31.2	16	35	38	72.1	45.2	33.7	19	BFCI-16L-10
1	1	93.2	57.4	25.4	31.2	22.2	35	38	81	45.2	33.7	119	BFCI-16L-11
1.1/4	1.1/4	105.7	69.9	25.4	41.2	27.6	50	50	83.5	47.7	41.6	19	BFCI-16L-12
1.1/2	1.1/2	144.5	76.4	27.6	50	34	60	57	87.4	49.3	49.6	19	BFCI-16L-13

METRIC OD TUBE x FEMALE NPT THREAD

T Tube OD	P NPT Male	A	Ax	B	D	E	F	G	H	Hx	PANEL HOLE DRILL SIZE	Max. Panel Thick- ness	SS 316 L Part No.
						min.	A/F	A/F					
3	1/8	44.7	31.2	10.4	12.9	2.4	14	11	38.1	24.6	8.3	12.7	BFCM-16L-1
6	1/4	51.6	33.6	15	15.3	4.8	19	14	44.2	26.2	11.5	10.2	BFCM-16L-2
10	3/8	56.8	37	15	17.2	7.9	22	19	49.2	29.4	16.3	11.2	BFCM-16L-3
12	3/8	61.8	41.9	15	22.8	9.5	24	22	51.7	31.8	19.5	12.7	BFCM-16L-4
12	1/2	66.7	41.9	19.8	22.8	9.5	27	22	56.6	31.8	19.5	12.7	BFCM-16L-5
16	1/2	67.5	42.6	20.6	24.4	12.7	27	25	57.4	32.5	22.8	12.7	BFCM-16L-6
22	3/4	79.9	53	20.6	26	15.8	35	35	69.8	42.9	29	19	BFCM-16L-7
25	3/4	84.3	57.4	20.6	31.2	15.8	35	38	72.1	45.2	33.7	19	BFCM-16L-8
25	1	93.2	57.4	25.4	31.2	22.5	35	38	81	45.2	33.7	19	BFCM-16L-9
32	1.1/4	105.7	69.9	25.4	42	27.6	50	50	83.5	44.7	41.6	19	BFCM-16L-10
38	1.1/2	114.5	76.4	27.6	49.4	33.7	60	57	87.4	49.3	49.6	19	BFCM-16L-11



Female NPT Threads

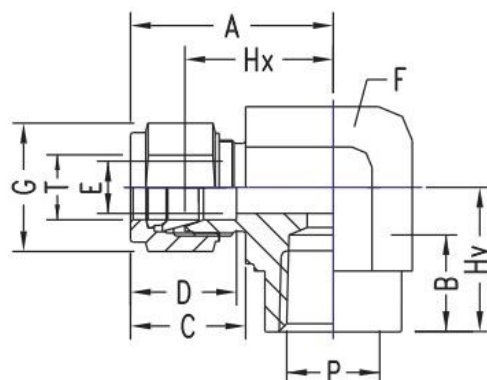


INCH OD TUBE x FEMALE NPT THREAD

T Tube OD	P NPT (F)	A	B	C	D	E	F	G	H	Hy	SS 316 L Part No.
						min.	A/F	A/F			
1/8	1/8	24.6	10.4	15.3	12.7	2.4	14	11	18	19	FEI-16L-1
1/8	1/4	27.4	15	15.3	12.7	2.4	19	11	20.8	22.4	FEI-16L-2
1/4	1/8	26.9	10.4	17.8	15.3	4.8	14	14	19.6	19	FEI-16L-3
1/4	1/4	29.7	15	17.8	15.3	4.8	19	14	22.4	22.4	FEI-16L-4
1/4	3/8	31.8	15	17.8	15.3	4.8	22	14	24.4	22.4	FEI-16L-5
1/4	1/2	34.6	19.8	17.8	15.3	4.8	27	14	27.2	28.5	FEI-16L-6
5/16	1/8	28.7	10.4	17.8	15.3	6.3	19	14	21.4	19.1	FEI-16L-7
5/16	1/4	30.5	15	18.5	16.3	6.3	22	16	23.2	22.4	FEI-16L-8
3/8	1/8	30.5	10.4	19.3	16.8	7.1	17	17	23.2	19.1	FEI-16L-9
3/8	1/4	31.2	15	19.3	16.8	7.1	19	17	23.9	22.4	FEI-16L-10
3/8	3/8	33.3	15	19.3	16.8	7.1	22	17	25.9	22.4	FEI-16L-11
3/8	1/2	36	19.8	19.3	16.8	7.1	27	17	28.7	28.5	FEI-16L-12
1/2	1/4	36	15	21.8	22.9	7.1	22	22	25.9	22.4	FEI-16L-13
1/2	3/8	36	15	21.8	22.9	10.4	22	22	25.9	22.4	FEI-16L-14
1/2	1/2	38.9	19.8	21.8	22.9	10.4	27	22	28.7	28.5	FEI-16L-15
5/8	3/8	38.1	15	21.8	22.9	12.7	24	22	28	22.4	FEI-16L-16
5/8	1/2	39.9	19.8	21.8	24.4	12.7	27	25	29.7	28.5	FEI-16L-17
3/4	1/2	39.9	19.8	21.8	24.4	15.8	27	28.5	29.7	28.5	FEI-16L-18
3/4	3/4	44.7	20.6	21.8	24.4	15.8	35	28.5	34.6	31.8	FEI-16L-19
7/8	3/4	44.7	20.6	21.8	25.9	18.2	35	32	34.6	31.8	FEI-16L-20
1	3/4	49	20.6	26.4	31.2	22.3	35	38	36.8	31.8	FEI-16L-21
1	1	53.6	25.4	26.4	31.2	22.3	41	38	41.4	38.1	FEI-16L-22

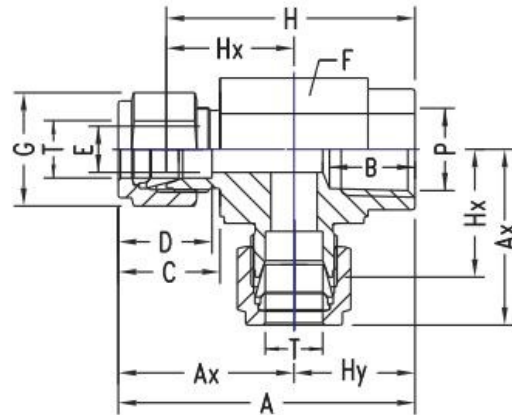


Female NPT Threads



METRIC OD TUBE x FEMALE NPT THREAD

T Tube OD	P NPT (F)	A	B	C	D	E	F	G	Hz	Hy	SS 316 L Part No.
						min.	A/F	A/F			
3	1/8	24.6	10.4	15.3	12.9	2.4	14	11	18	19	FEM-16L-1
3	1/4	27.4	15	15.3	12.9	2.4	19	11	20.8	22.4	FEM-16L-2
6	1/8	27	10.4	17.7	15.3	4.8	14	14	19.6	19	FEM-16L-3
6	1/4	29.8	15	17.7	15.3	4.8	19	14	22.4	22.4	FEM-16L-4
6	1/2	34.6	19.8	17.7	15.3	4.8	27	14	7.2	28.5	FEM-16L-5
8	1/4	30.6	15	18.6	16.2	6.3	19	16	23.1	22.4	FEM-16L-6
8	3/8	32.6	15	18.6	16.2	6.3	22	16	25.1	22.4	FEM-16L-7
10	1/4	33.5	15	19.5	17.2	7.9	19	19	25.9	22.4	FEM-16L-8
10	3/8	33.5	15	19.5	17.2	7.9	22	19	25.9	22.4	FEM-16L-9
12	1/4	36	15	22	22.8	9.5	22	22	25.9	22.4	FEM-16L-10
12	3/8	36	15	22	22.8	9.5	22	22	25.9	22.4	FEM-16L-11
12	1/2	38.8	19.8	22	22.8	9.5	27	22	28.7	28.5	FEM-16L-12
16	1/2	39.5	19.8	22	24.4	12.7	27	25	29.7	28.5	FEM-16L-13
25	3/4	49	20.6	26.5	31.3	22.3	35	38	36.8	31.8	FEM-16L-14
25	1	53.6	25.4	26.5	31.3	22.3	41	38	41.4	38.1	FEM-16L-15

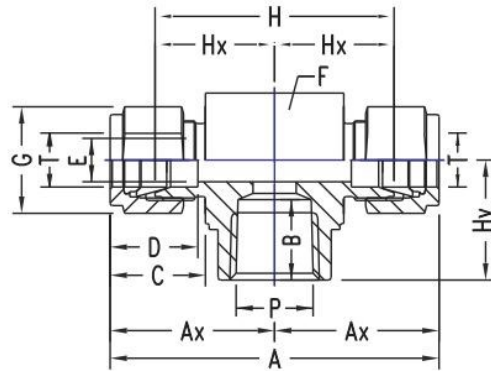


INCH OD TUBE x FEMALE NPT THREAD

T Tube OD	P NPT Female	A	Ax	B	C	D	E	F	G	H	Hx	Hy	SS 316 L Part No.
								A/F	A/F				
1/8	1/8	43.6	24.6	10.4	15.3	12.7	2.4	14	11	37	18	19	FRTI-16L-1
1/4	1/8	45.9	26.9	10.4	17.8	15.3	4.8	14	14	38.6	19.6	19	FRTI-16L-2
1/4	1/4	52.1	29.7	15	17.8	15.3	4.8	19	14	44.8	22.4	22.4	FRTI-16L-3
3/8	1/4	53.6	31.2	15	19.3	16.8	7.1	19	17	46.3	23.9	22.4	FRTI-16L-4
3/8	3/8	55.7	33.3	15	19.3	16.8	7.1	22	17	48.3	25.9	22.4	FRTI-16L-5
1/2	3/8	58.4	36	15	21.8	22.9	10.4	22	22	48.3	25.9	22.4	FRTI-16L-6
1/2	1/2	67.4	38.9	19.8	21.8	22.9	10.4	27	22	57.2	28.7	28.5	FRTI-16L-7
3/4	3/4	76.5	44.7	20.6	21.8	24.4	15.8	35	29	66.4	34.6	31.8	FRTI-16L-8
1	3/4	80.8	49	20.6	26.4	31	22.3	35	38	68.6	36.8	31.8	FRTI-16L-9
1	1	91.7	53.6	25.4	26.4	31	22.3	41	38	79.5	41.4	38.1	FRTI-16L-10

METRIC OD TUBE x FEMALE NPT THREAD

T Tube OD	P NPT Female	A	Ax	B	C	D	E min.	F	G	H	Hx	Hy	SS 316 L Part No.
								A/F	A/F				
3	1/8	43.6	24.6	10.4	15.3	12.9	2.4	14	11	37	18	19	FRTM-16L-1
6	1/8	46	27	10.4	17.7	15.3	4.8	14	14	38.6	19.6	19	FRTM-16L-2
6	1/4	52.2	29.8	15	17.7	15.3	4.8	19	14	44.8	22.4	22.4	FRTM-16L-3
8	1/8	48.9	29.9	10.4	18.6	16.2	6.3	16	16	41.4	22.4	19	FRTM-16L-4
8	1/4	53	30.6	15	18.6	16.2	6.3	19	16	45.5	23.1	22.4	FRTM-16L-5
10	1/4	55.9	33.5	15	19.5	17.2	7.9	19	19	48.3	25.9	22.4	FRTM-16L-6
12	3/8	58.4	36	15	22	22.8	9.5	22	22	48.3	25.9	22.4	FRTM-16L-7
12	1/2	67.3	38.8	19.8	22	22.8	9.5	27	22	57.2	28.7	28.5	FRTM-16L-8
16	1/2	68	39.5	19.8	22	24	12.7	27	25	58.2	29.7	28.5	FRTM-16L-9
25	1	91.7	53.6	25.4	26.5	31.3	22.3	41	38	79.5	41.4	38.1	FRTM-16L-10



INCH OD TUBE x FEMALE NPT THREAD

T Tube O D	P NPT (F)	A	Ax	B	C	D	E	F	G	H	Hx	Hy	SS 316 L Part No.
							min.	A/F	A/F				
1/8	1/8	49.2	24.6	10.4	15.3	12.7	2.4	14	11	36	18	19	FBTI-16L-1
1/4	1/8	53.8	26.9	10.4	17.8	15.3	4.8	14	14	39.2	19.6	19	FBTI-16L-2
1/4	1/4	59.4	27.9	15	17.8	15.3	4.8	19	14	44.8	22.4	22.4	FBTI-16L-3
3/8	1/4	62.4	31.2	15	19.3	16.8	7.1	16	16	47.8	23.9	22.4	FBTI-16L-4
3/8	3/8	66.6	33.3	15	19.3	16.8	7.1	19	16	51.8	25.9	22.4	FBTI-16L-5
1/2	3/8	72	36	15	21.8	22.9	10.4	19	19	51.8	25.9	22.4	FBTI-16L-6
1/2	1/2	77.8	38.9	19.8	21.8	22.9	10.4	22	22	57.4	28.7	28.5	FBTI-16L-7
3/4	3/4	89.4	44.7	20.6	21.8	24.4	15.8	35	22	69.2	34.6	31.8	FBTI-16L-8
1	3/4	98	49	20.6	26.4	31.2	22.3	35	25	73.6	36.8	31.8	FBTI-16L-9
1	1	107.2	53.6	25.4	26.4	31.2	22.3	41	38	82.8	41.4	38.1	FBTI-16L-10

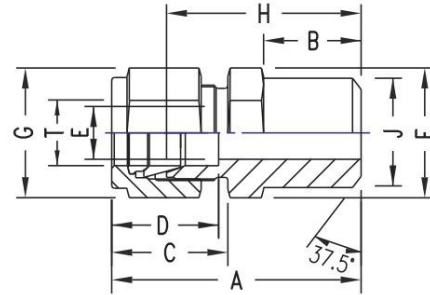
METRIC OD TUBE x FEMALE NPT THREAD

T Tube O D	P NPT Female	A	Ax	B	C	D	E	F	G	H	Hx	Hy	SS 316 L Part No.
							min.	A/F	A/F				
3	1/8	49.2	24.6	10.4	15.3	12.9	2.4	14	11	36	18	19	FBTM-16L-1
6	1/8	54	27	10.4	17.7	15.3	4.8	14	14	39.2	19.6	19	FBTM-16L-2
6	1/4	59.6	29.8	15	17.7	15.3	4.8	19	14	44.8	22.4	22.4	FBTM-16L-3
8	1/8	59.8	29.9	10.4	18.6	16.2	6.3	16	16	44.8	22.4	19	FBTM-16L-4
8	1/4	61.2	30.6	15	18.6	16.2	6.3	19	16	46.2	23.1	22.4	FBTM-16L-5
10	1/4	67	33.5	15	19.5	17.2	7.9	19	19	51.8	25.9	22.4	FBTM-16L-6
12	3/8	72	36	15	22	22.8	9.5	22	22	51.8	25.9	22.4	FBTM-16L-7
12	1/2	77.6	38.8	19.8	22	22.8	9.5	27	22	57.4	28.7	28.5	FBTM-16L-8
16	1/2	79	39.5	19.8	22	24.4	12.7	27	25	59.4	29.7	28.5	FBTM-16L-9
25	1	107.2	53.6	25.4	26.5	31.3	22.3	41	38	82.8	41.4	38.1	FBTM-16L-10



FAIKA TECHNO SYSTEMS

BUTT WELD PIPE CONNECTOR

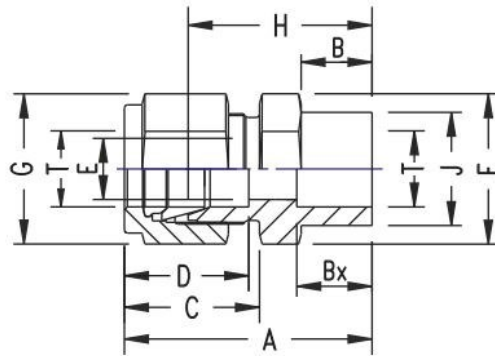


INCH OD TUBE TO PIPE

T Tube OD	Pipe Weld	A	B	C	D	E min.	F A/F	G A/F	H	J	SS 316 L Part No.
1/8	1/8	30.5	9.6	15.3	12.7	2.4	11	11	23.9	10.3	BWPCI-16L-1
1/4	1/8	32.8	9.6	17.8	15.3	4.8	14	14	25.4	10.3	BWPCI-16L-2
1/4	1/4	37.8	14.3	17.8	15.3	4.8	14	14	30.5	13.7	BWPCI-16L-3
5/16	1/8	34	9.6	18.5	16.3	5.1	14	16	26.7	10.3	BWPCI-16L-4
5/16	1/4	38.6	14.3	18.5	16.3	6.3	16	16	31.2	13.7	BWPCI-16L-5
3/8	1/4	39.9	14.3	19.3	16.8	7.1	16	17	32.5	13.7	BWPCI-16L-6
3/8	3/8	39.9	14.3	19.3	16.8	7.1	17	17	32.5	17.2	BWPCI-16L-7
3/8	1/2	46.3	19.1	19.3	16.8	7.1	22	17	38.9	21.3	BWPCI-16L-8
1/2	3/8	43.4	14.3	21.8	22.9	10.4	22	22	33.3	17.2	BWPCI-16L-9
1/2	1/2	49	19.1	21.8	22.9	10.4	22	22	38.9	21.3	BWPCI-16L-10
1/2	3/4	50.5	19.1	21.8	22.9	10.4	27	22	40.4	26.7	BWPCI-16L-11
5/8	1/2	49	19.1	21.8	24.4	12.7	24	25	38.9	21.3	BWPCI-16L-12
3/4	3/4	50.5	19.1	21.8	24.4	15.8	27	29	40.4	26.7	BWPCI-16L-13
1	1	62.2	23.8	26.4	31.2	22.3	35	38	50	33.4	BWPCI-16L-14
1.1/4	1.1/4	77.2	23.8	38.9	41.2	27.6	46	50	55.2	42.2	BWPCI-16L-15
1.1/2	1.1/2	88.9	26.2	45.2	50	34	55	60	61.7	48.3	BWPCI-16L-16

METRIC OD TUBE TO PIPE

T Tube OD	Pipe Weld Male	A	B	C	D	E min.	F A/F	G A/F	H	J	SS 316 L Part No.
3	1/8	30.5	9.6	15.3	12.9	2.4	11	11	23.9	10.3	BWPCM-16L-1
6	1/8	32.8	9.6	17.8	15.3	4.8	14	14	25.4	10.3	BWPCM-16L-2
6	1/4	37.9	14.3	17.8	15.3	4.8	14	14	30.5	13.7	BWPCM-16L-3
8	1/8	34.2	9.6	18.5	16.3	5.1	16	16	26.7	10.3	BWPCM-16L-4
8	1/4	38.7	14.3	18.5	16.3	6.3	16	16	31.2	13.7	BWPCM-16L-5
8	1/2	45.6	19.1	18.5	16.3	6.3	22	16	38.1	21.3	BWPCM-16L-6
10	1/4	40.9	14.3	19.5	17.2	7.1	19	19	33.3	13.7	BWPCM-16L-7
10	3/8	40.9	14.3	19.5	17.2	7.9	19	19	33.3	17.2	BWPCM-16L-8
10	1/2	46.5	19.1	19.5	17.2	7.9	22	19	38.9	21.3	BWPCM-16L-9
12	1/4	43.4	14.3	22	22.9	7.1	22	22	33.3	13.7	BWPCM-16L-10
12	3/8	43.4	14.3	22	22.9	9.5	22	22	33.3	17.2	BWPCM-16L-11
12	1/2	49	19.1	22	22.9	9.5	22	22	38.9	21.3	BWPCM-16L-12
16	1/2	49	19.1	22	24.4	12.7	24	25	38.9	21.3	BWPCM-16L-13
20	3/4	52.3	19.1	22	26	15.9	30	32	42.2	26.7	BWPCM-16L-14
22	3/4	52.3	19.1	22	26	15.9	30	32	42.2	26.7	BWPCM-16L-15
25	1	62.3	23.8	26.5	31.3	21.8	35	38	50	33.4	BWPCM-16L-16
30	1.1/4	77.2	23.8	39.2	39.6	26.2	45	50	55.6	42.2	BWPCM-16L-17
32	1.1/4	79.6	23.8	41.6	42	28.6	45	50	56.6	42.2	BWPCM-16L-18
38	1.1/2	91.6	26.2	47.9	49.4	33.7	55	57	64	48.3	BWPCM-16L-19

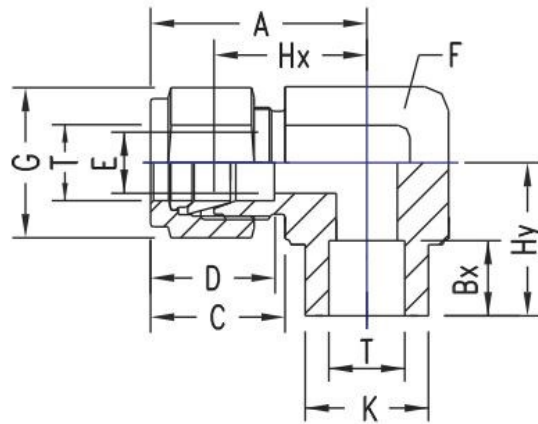


INCH OD TUBE

T Tube OD	A	B	Bx	C	D	E	F	G	H	J	SS 316 L Part No.
						min.	A/F	A/F			
1/8	29	8.6	6.4	15.3	12.7	2.4	11	11	22.9	7.9	SWTCI-16L-1
1/4	33.5	10.4	7.9	17.8	5.3	4.8	14	14	26.2	11.2	SWTCI-16L-2
3/8	37.6	12	9.6	19.3	16.8	7.1	16	17	30.3	15.8	SWTCI-16L-3
1/2	41.2	12	12.7	21.8	22.9	10.4	22	22	31	19.1	SWTCI-16L-4
3/4	43.4	12	14.3	21.8	24.4	15.8	27	28.5	33.3	26.7	SWTCI-16L-5
1	52.6	14.3	19.1	26.4	31.2	22.3	35	38	40.4	33.3	SWTCI-16L-6
1.1/4	72.4	19.1	19.1	38.9	41.2	27.6	45	50	50.3	42	SWTCI-16L-7
1.1/2	81.8	19.1	23.8	45.2	50	34	55	57	54.6	50	SWTCI-16L-8

METRIC OD TUBE

T Tube OD	A	B	Bx	C	D	E	F	G	H	J	SS 316 L Part No.
						min.	A/F	A/F			
3	29	8.6	6.4	15.3	12.9	2.4	11	11	22.9	7.9	SWTCM-16L-1
6	33.5	10.4	7.9	17.7	15.3	4.8	14	14	26.2	11.2	SWTCM-16L-2
10	37.6	12	9.6	19.5	17.2	7.1	16	17	30.3	15.8	SWTCM-16L-3
12	41.2	12	12.7	22	22.8	10.4	22	22	31	19.1	SWTCM-16L-4
20	43.4	12	14.3	22	26	15.8	27	28.5	33.3	26.7	SWTCM-16L-5
25	52.6	14.3	19.1	26.5	31.3	22.3	35	38	40.4	33.3	SWTCM-16L-6
32	72.4	19.1	19.1	41.6	42	27.6	45	50	50.3	42	SWTCM-16L-7
38	81.8	19.1	23.8	47.9	49.4	34	55	57	54.6	50	SWTCM-16L-8

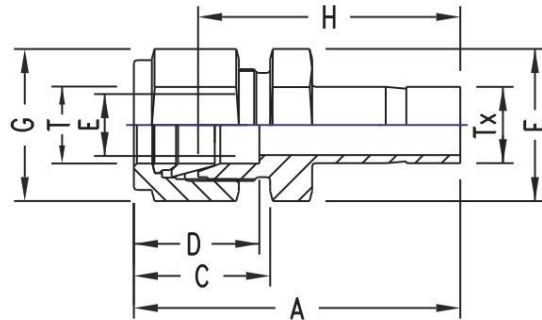


INCH OD TUBE

T Tube OD	A	Bx	C	D	E	F	G	Hx	Hy	K	SS 316 L Part No.
					min.	A/F	A/F				
1/4	27.0	7.8	17.8	15.3	4.8	14	14	19.5	19.6	12.7	SWTEI-16L-1
3/8	30.5	9.6	19.3	16.8	7.1	16	17	23.1	23.1	15.8	SWTEI-16L-2
1/2	36.0	12.7	21.8	22.9	10.4	22	22	25.9	25.9	20.6	SWTEI-16L-3
3/4	39.9	14.3	21.8	24.4	15.8	27	28.5	29.7	29.7	27.0	SWTEI-16L-4
1	49.0	19.1	26.4	31.2	22.3	35	38	38	36.8	35.0	SWTEI-16L-5
1.1/4	66.5	19.1	38.9	41.2	27.6	45	50	50	44.5	43.0	SWTEI-16L-6
1.1/2	78.0	23.8	45.2	50.0	34.0	50	57	57	50.8	48.0	SWTEI-16L-7

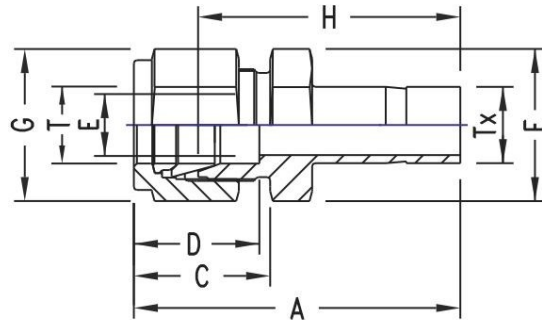
METRIC OD TUBE

T Tube OD	A	B	Bx	C	D	E	F	G	H	J	SS 316 L Part No.
						min.	A/F	A/F			
6	27.0	7.9	17.7	15.3	4.8	14	14	19.6	19.6	12.7	SWTEI-16L-1
10	30.5	9.6	19.5	17.3	7.1	16	16	23.1	23.1	15.8	SWTEI-16L-2
12	36.0	12.7	22.0	22.8	10.4	22	22	25.9	25.9	20.6	SWTEI-16L-3
20	39.9	14.3	22.0	26.0	15.8	27	27	29.7	29.7	27.0	SWTEI-16L-4
25	49.0	19.1	26.5	31.3	22.3	35	35	36.8	36.8	35.0	SWTEI-16L-5
32	66.5	19.1	41.6	42.0	27.6	45	45	44.5	47.8	43.0	SWTEI-16L-6
38	78.0	23.8	41.6	49.4	34.0	50	50	50.8	60.4	48.0	SWTEI-16L-7

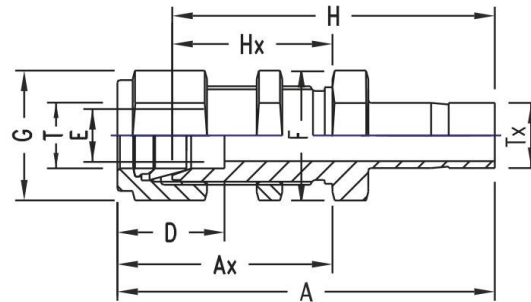


INCH OD TUBE x MALE ISO x PARALLEL THREAD

T Tube OD	Tx Tube OD	A	C	D	E	F	G	H	SS 316 L Part No.
					min.	A/F	A/F		
1/8	1/8	33.5	15.3	12.7	2.0	11	11	26.9	RPTI-16L-1
1/8	1/4	36.0	15.3	12.7	4.8	11	11	29.5	RPTI-16L-2
1/4	1/8	36.8	17.8	15.3	2.0	14	14	29.5	RPTI-16L-3
1/4	1/4	39.1	17.8	15.3	4.8	14	14	31.8	RPTI-16L-4
1/4	3/8	40.6	17.8	15.3	4.8	14	14	33.3	RPTI-16L-5
1/4	1/2	46.3	17.8	15.3	4.8	14	14	38.9	RPTI-16L-6
5/16	3/8	41.9	18.6	16.3	6.3	14	16	34.6	RPTI-16L-7
5/16	1/2	46.5	18.6	16.3	6.3	14	16	40.2	RPTI-16L-8
3/8	1/4	41.4	19.3	16.8	7.1	16	17	34.0	RPTI-16L-9
3/8	3/8	43.2	19.3	16.8	7.1	16	17	35.8	RPTI-16L-10
3/8	1/2	48.5	19.3	16.8	7.1	16	17	41.2	RPTI-16L-11
1/2	1/4	45.0	21.8	22.9	4.8	22	22	34.8	RPTI-16L-12
1/2	3/8	46.7	21.8	22.9	7.1	22	22	36.6	RPTI-16L-13
1/2	1/2	52.3	21.8	22.9	9.9	22	22	42.2	RPTI-16L-14
1/2	3/4	53.8	21.8	22.9	10.4	22	22	43.7	RPTI-16L-15
1/2	1	60.2	21.8	22.9	10.4	22	22	50.0	RPTI-16L-16
5/8	3/4	54.6	21.8	24.4	12.7	25	25	44.5	RPTI-16L-17
5/8	7/8	56.2	21.8	24.4	12.7	25	25	46.0	RPTI-16L-18
3/4	1/2	54.6	21.8	24.4	9.9	28.5	28.5	44.5	RPTI-16L-19
3/4	1	62.5	21.8	24.4	15.8	28.5	28.5	52.3	RPTI-16L-20
1	1.1/4	80.5	26.4	31.2	22.3	38	38	68.3	RPTI-16L-21
1	1.1/4	89.2	26.4	31.2	22.3	38	38	77.0	RPTI-16L-22


METRIC OD TUBE x METRIC OD Ports

T Tube OD	Tx Tube OD	A	C	D	E	F	G	H	SS 316 L Part No.
					min.	A/F	A/F		
3	6	36.1	15.3	12.9	2.4	11	11	29.5	RPTM-16L-1
3	10	38.4	15.3	12.9	2.4	14	11	31.8	RPTM-16L-2
6	3	36.9	17.8	15.3	1.8	14	14	29.5	RPTM-16L-3
6	8	39.9	17.8	15.3	4.8	14	14	32.5	RPTM-16L-4
6	10	40.7	17.8	15.3	4.8	14	14	33.3	RPTM-16L-5
6	12	46.3	17.8	15.3	4.8	14	14	38.9	RPTM-16L-6
8	6	40.3	18.6	16.2	4.6	14	16	32.8	RPTM-16L-7
8	10	42.0	18.6	16.2	6.4	14	16	34.5	RPTM-16L-8
8	12	47.6	18.6	16.2	6.4	14	16	40.1	RPTM-16L-9
10	6	42.4	19.5	17.2	4.6	17	17	34.8	RPTM-16L-10
10	8	43.4	19.5	17.2	6.2	17	17	35.8	RPTM-16L-11
10	12	49.8	19.5	17.2	7.9	17	17	42.2	RPTM-16L-12
12	6	44.9	22.0	22.8	4.6	22	22	34.8	RPTM-16L-13
12	8	45.9	22.0	22.8	6.2	22	22	35.8	RPTM-16L-14
12	10	46.7	22.0	22.8	7.7	22	22	36.6	RPTM-16L-15
12	16	53.8	22.0	22.8	9.5	22	22	43.7	RPTM-16L-16
12	20	56.1	22.0	22.8	9.5	22	22	46.0	RPTM-16L-17
12	22	56.1	22.0	22.8	9.5	24	22	46.0	RPTM-16L-18
12	25	62.4	22.0	22.8	9.5	27	22	53.3	RPTM-16L-19
16	12	53.0	22.0	24.4	9.1	24	25	42.9	RPTM-16L-20
18	12	54.6	22.0	24.4	9.1	27	30	44.5	RPTM-16L-21
18	16	56.1	22.0	24.4	12.7	27	30	46.0	RPTM-16L-22
20	16	57.9	22.0	26.0	12.7	30	32	47.8	RPTM-16L-23
20	25	64.2	22.0	26.0	15.8	30	32	54.1	RPTM-16L-24
22	20	59.4	22.0	26.0	15.1	30	32	49.3	RPTM-16L-25
22	25	64.2	22.0	26.0	18.3	30	32	54.1	RPTM-16L-26
25	18	63.1	26.5	31.3	13.9	35	38	50.8	RPTM-16L-27
25	20	64.6	26.5	31.3	15.1	35	38	52.3	RPTM-16L-28



INCH OD TUBE

T Tube OD	Tx Tube OD	A	Ax	D	E	F	G	H D	Hx	Panel Hole Drill Size	Max. Panel Thickness	SS 316 L Part No.
					min.	A/F	A/F					
1/8	1/8	49.5	31.3	12.7	2.0	11	11	43.0	24.6	8.3	12.7	BRI-16L-1
1/4	1/4	55.9	33.5	15.3	4.8	16	14	48.5	26.2	11.5	10.2	BRI-16L-2
3/8	3/8	60.8	36.8	16.8	7.1	19	17	53.8	29.5	14.7	11.2	BRI-16L-3
1/2	1/2	72.9	41.9	22.9	9.9	24	22	62.7	31.8	19.5	12.7	BRI-16L-4
5/8	5/8	75.2	42.7	23.6	12.7	27	25	65.0	32.5	22.6	12.7	BRI-16L-5
1	1	100.4	57.4	31.2	20.3	35	38	88.1	45.2	33.7	19.1	BRI-16L-6
1.1/4	1.1/4	120.7	69.9	41.2	27.4	50	50	89.9	47.7	41.6	19.1	BRI-16L-7
1.1/2	1.1/2	127.2	76.4	50.0	33.0	60	60	100.1	49.3	49.6	19.1	BRI-16L-8

METRIC OD TUBE

T Tube OD	Tx Tube OD	A	Ax	D	E	F	G	H D	Hx	Panel Hole Drill Size	Max. Panel Thick- ness	SS 316 L Part No.
					min.	A/F	A/F					
6	3	47.1	33.6	15.3	2.0	16	14	39.7	26.2	11.5	10.2	BRM-16L-1
6	12	56.6	33.6	15.3	9.1	16	14	49.2	26.2	11.5	10.2	BRM-16L-2
8	6	51.8	36.1	16.2	4.6	17	16	44.3	28.6	13.1	11.2	BRM-16L-3
8	12	59.1	36.1	16.2	9.1	17	16	51.6	28.6	13.1	11.2	BRM-16L-4
10	8	53.7	37	17.2	6.2	22	19	46.1	29.4	16.3	11.2	BRM-16L-5
10	12	60	37	17.2	9.1	22	19	52.4	29.4	16.3	11.2	BRM-16L-6
12	6	57.6	41.9	22.8	4.6	24	22	47.5	31.8	19.5	12.7	BRM-16L-7
12	10	59.4	41.9	22.8	8.2	24	22	49.3	31.8	19.5	12.7	BRM-16L-8
16	12	65.6	42.6	24.4	9.1	27	25	55.5	32.5	22.8	12.7	BRM-16L-9
20	16	77.6	53	26	12.7	35	32	67.5	42.9	29	19.1	BRM-16L-10
22	18	77.6	53	26	13.9	35	32	67.5	42.9	29	19.1	BRM-16L-11
25	20	84.3	57.4	31.2	15.1	35	38	72.1	45.2	33.7	19.1	BRM-16L-12
25	22	84.3	57.4	31.2	17.1	35	38	72.1	45.2	33.7	19.1	BRM-16L-13
32	32	120.7	69.9	42	27.4	50	50	89.9	47.7	41.6	19.1	BRM-16L-14
38	38	127.2	76.4	49.4	33	60	60	100.1	49.3	49.6	19.1	BRM-16L-15