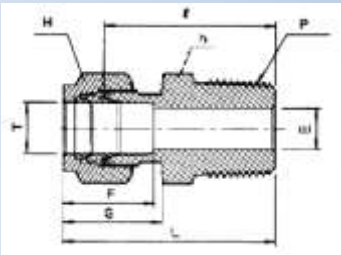
S. S. TUBE FITTINGS

Item	Part	Item	Part
	Male Connector **PMC**		Union **PU**
	Male Pipe Weld Connector **PPWC**		Bulk head Union **PBU**
	Male Elbow **PME**		Union Tee **PUT**
	**Male Adapter** **PMA**		Union Cross **PUC**
	Bulkhead Male Connector **PBMC**		Reducing Union **PRU**
	Male Run Tee **PMRT**		Elbow Union **PEU**
	Male Branch Tee **PMBT**		Reducer **PR**
	Female Adapter **PFA**		Bulkhead Reducer **PBR**
	Female Connector **PFC**		Tube Cap **PTC**
	Bulkhead Female Connector **PBFC**		Tube Plug **PTP**
	Female Elbow **PFE**		Nut **PN**
	Female Run Tee **PFRT**		Back Ferrule **PBF**
	Female Branch Tee **PFBT**		Front Ferrule **PFF**

S. S. TUBE FITTINGS

PMC MALE CONNECTOR





METRIC | IMPERIAL

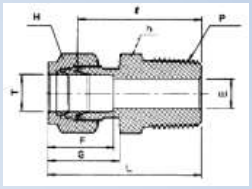
METRIC

Part No.	Tube O.D. T mm	P (NPT)	E mm	h mm	H mm	F	G	I	L
PMC-02-02	2	1/8	1.7	12	12	12.9	15.3	23.9	30.5
PMC-03-02	3	1/8	2.4	12	12	12.9	15.3	23.1	29.7
PMC-03-04	3	1/4	2.4	14	12	12.9	15.3	29.0	35.6
PMC-04-02	4	1/8	2.4	12	12	13.7	16.1	24.6	31.2
PMC-04-04	4	1/4	2.4	14	12	13.7	16.1	29.7	36.3
PMC-06-02	6	1/8	4.8	14	14	15.3	17.7	25.4	32.8
PMC-06-04	6	1/4	4.8	14	14	15.3	17.7	30.2	37.6
PMC-06-06	6	3/8	4.8	17	14	15.3	17.7	31.0	38.4
PMC-06-08	6	1/2	4.8	22	14	15.3	17.7	36.6	44.0
PMC-08-02	8	1/8	4.8	15	16	16.2	18.6	26.7	34.2
PMC-04-04	8	1/4	6.4	15	16	16.2	18.6	31.2	38.7
PMC-08-06	8	3/8	6.4	17	16	16.2	18.6	31.8	39.2
PMC-08-08	8	1/2	6.4	22	16	16.2	18.6	37.3	44.8
PMC-10-02	10	1/8	4.8	18	19	17.2	19.5	28.7	36.3
PMC-10-04	10	1/4	7.1	18	19	17.2	19.5	33.3	40.9
PMC-10-06	10	3/8	7.9	18	19	17.2	19.5	33.3	40.9
PMC-10-08	10	1/2	7.9	22	19	17.2	19.5	38.1	45.7
PMC-12-04	12	1/4	7.1	22	22	22.8	22.0	33.3	43.4
PMC-12-06	12	3/8	9.5	22	22	22.8	22.0	33.3	43.4
PMC-12-08	12	1/2	9.5	22	22	22.8	2.0	38.1	48.2
PMC-12-12	12	3/4	9.5	27	22	22.8	22.0	38.9	49.0
PMC-15-08	15	1/2	11.9	24	25	24.4	22.0	38.9	49.0
PMC-16-04	16	1/4	7.1	24	25	24.4	22.0	34.0	44.1
PMC-16-06	16	3/8	9.5	24	25	24.4	22.0	34.0	44.1
PMC-16-08	16	1/2	11.9	24	25	24.4	22.0	38.9	49.0
PMC-16-12	16	3/4	12.7	27	25	24.4	22.0	38.9	49.0
PMC-18-08	18	1/2	11.9	27	30	24.4	22.0	40.4	50.5
PMC-18-12	18	3/4	15.1	27	30	24.4	22.0	40.4	50.5
PMC-20-08	20	1/2	11.9	30	32	26.0	22.0	42.2	52.3
PMC-20-12	20	3/4	15.9	30	32	26.0	22.0	42.2	52.3
PMC-22-12	22	3/4	15.9	30	32	26.0	22.0	42.2	52.3
PMC-22-16	22	1	18.3	35	32	26.0	22.0	47.8	57.9
PMC-25-12	25	3/4	15.9	35	38	31.3	26.5	45.2	57.5
PMC-25-16	25	1	21.8	35	38	31.3	26.5	50.0	62.3

S. S. TUBE FITTINGS

PMC MALE CONNECTOR



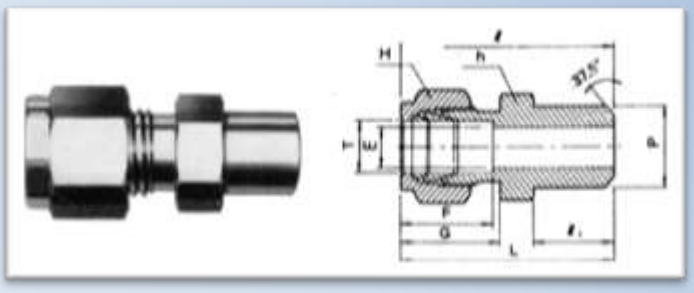


IMPERIAL

Part No.	Tube O.D. T in	P (NPT)	E Min	h in	H in	F	G	I	L
PMC 01-01	1/16	1/16	1.27	5/16	5/16	8.63	10.92	20.00	23.83
PMC 01-02	1/16	1/8	1.27	7/16	7/16	8.63	10.92	22.35	26.33
PMC-02-02	1/8	1/8	2.28	7/16	7/16	12.70	15.24	23.87	30.48
PMC-02-04	1/8	1/4	2.28	9/16	7/16	12.70	15.24	28.95	35.56
PMC-02-06	1/8	3/8	2.28	11/16	7/16	12.70	15.24	29.21	35.81
PMC-02-08	1/8	1/2	2.28	7/8	7/16	12.70	15.24	35.56	42.16
PMC-03-02	3/16	1/8	3.04	7/16	1/2	13.71	16.00	24.63	31.24
PMC-03-04	3/16	1/4	3.04	9/16	1/2	13.71	16.00	29.71	36.32
PMC-04-02	1/4	1/8	4.82	1/2	9/16	15.24	17.78	25.40	32.76
PMC-04-04	1/4	1/4	4.82	9/16	9/16	15.24	17.78	30.48	37.84
PMC-04-06	1/4	3/8	4.82	11/16	9/16	15.24	17.78	30.98	38.35
PMC-04-08	1/4	1/2	4.82	7/8	9/16	15.24	17.78	37.33	44.70
PMC-04-12	1/4	3/4	4.82	1-1/16	9/16	15.24	17.78	38.86	46.22
PMC-05-02	5/16	1/8	4.82	9/16	5/8	16.25	18.54	26.67	34.03
PMC-05-04	5/16	1/4	6.35	9/16	5/8	16.25	18.54	31.24	38.60
PMC-05-06	5/16	3/8	6.35	11/16	5/8	16.25	18.54	31.75	39.11
PMC-06-02	3/8	1/8	4.82	5/8	11/16	16.76	19.30	29.94	35.30
PMC-06-04	3/8	1/4	7.11	5/8	11/16	16.76	19.30	32.51	39.87
PMC-06-06	3/8	3/8	7.11	11/16	11/16	16.76	19.30	32.51	39.87
PMC-06-08	3/8	1/2	7.11	7/8	11/16	16.76	19.30	38.86	46.22
PMC-06-12	3/8	3/4	7.11	1-1/16	11/16	16.76	19.30	40.38	47.75
PMC-08-02	1/2	1/8	4.82	13/16	7/8	22.86	21.84	28.70	38.86
PMC-08-04	1/2	1/4	7.11	13/16	7/8	22.86	21.84	33.27	43.43
PMC-08-06	1/2	3/8	9.65	13/16	7/8	22.86	21.84	33.27	43.43
PMC-08-08	1/2	1/2	10.41	7/8	7/8	22.86	21.84	38.86	49.02
PMC-08-12	1/2	3/4	10.41	1-1/16	7/8	22.86	21.84	40.38	50.54
PMC-08-16	1/2	1	10.41	1-3/8	7/8	22.86	21.84	46.99	57.15
PMC-10-06	5/8	3/8	9.65	15/16	1	24.38	21.84	34.03	44.19
PMC-10-08	5/8	1/2	11.93	15/16	1	24.38	21.84	38.86	49.02
PMC-10-12	5/8	3/4	12.70	1-1/16	1	24.38	21.84	40.38	50.54
PMC-12-08	3/4	1/2	11.93	1-1/16	1-1/8	24.38	21.84	40.38	50.54
PMC-12-12	3/4	3/4	15.74	1-1/16	1-1/8	24.38	21.84	40.38	50.54
PMC-12-16	3/4	1	15.74	1-3/8	1-1/8	24.38	21.84	46.99	57.15
PMC-14-12	7/8	3/4	15.74	1-3/16	1-1/4	25.90	21.84	40.38	50.54
PMC-14-16	7/8	1	18.28	1-3/8	1-1/4	25.90	21.84	46.99	57.15
PMC-16-08	1	1/2	11.93	1-3/8	1-1/2	31.24	26.41	45.21	57.40
PMC-16-12	1	3/4	15.74	1-3/8	1-1/2	31.24	26.41	45.21	57.40
PMC-16-16	1	1	22.35	1-3/8	1-1/2	31.24	26.41	50.03	62.23

S. S. TUBE FITTINGS

PPWC MALE PIPE WELD CONNECTOR



METRIC | IMPERIAL

METRIC

Part No.	Tube O.D. T mm	Pipe Weld Size P mm	E mm	h mm	H mm	F	G	l	l_1	L
PMWC-M03-02	3	1/8	2.4	12	12	12.9	15.3	23.1	9.7	29.7
PMWC-M04-02	4	1/8	2.4	12	12	13.7	16.1	24.1	9.7	30.7
PMWC-M06-02	6	1/8	4.8	14	14	15.3	17.7	25.4	9.7	32.8
PMWC-M06-04	6	1/4	4.8	14	14	15.3	17.7	30.2	14.2	37.6
PMWC-M08-02	8	1/8	5.1	15	16	16.2	18.6	26.7	9.7	34.2
PMWC-M08-04	8	1/4	6.4	15	16	16.2	18.6	31.2	14.2	38.7
PMWC-M08-08	8	1/2	6.4	22	16	16.2	18.6	37.3	19.0	44.8
PMWC-M10-04	10	1/4	7.1	18	19	17.2	19.5	33.3	14.2	40.9
PMWC-M10-06	10	3/8	7.9	18	19	17.2	19.5	32.5	14.2	40.1
PMWC-M10-08	10	1/2	7.9	22	19	17.2	19.5	38.1	19.0	45.7
PMWC-M12-04	12	1/4	7.1	22	22	22.8	22.0	33.3	14.2	43.4
PMWC-M12-06	12	3/8	9.5	22	22	22.8	22.0	33.3	14.2	43.4
PMWC-M12-08	12	1/2	9.5	24	22	22.8	22.0	38.1	19.0	48.2
PMWC-M15-08	15	1/2	11.9	24	25	24.4	22.0	38.9	19.0	49.0
PMWC-M16-08	16	1/2	12.7	24	25	24.4	22.0	38.9	19.0	49.0
PMWC-M18-08	18	1/2	13.5	27	30	24.4	22.0	40.4	19.0	50.05

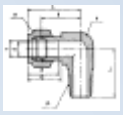
IMPERIAL

Part No.	Tube O.D. T	Pipe Weld Size P		E Min	h	H	F	G	l	l_1	L
	in	Nom	O.D.		in	in					
PMWC-02-02	1/8	1/8	10.30	2.28	7/16	7/16	12.70	15.24	23.87	9.65	31.24
PMWC-03-02	3/16	1/8	10.30	3.04	7/16	1/2	13.71	16.0	24.63	9.65	31.24
PMWC-04-02	1/4	1/8	10.30	4.82	1/2	9/16	15.24	17.78	25.40	9.65	32.76
PMWC-04-04	1/4	1/4	13.70	4.82	9/16	9/16	15.24	17.78	30.48	14.22	37.84
PMWC-05-02	5/16	1/8	10.30	5.08	9/16	5/8	16.25	18.54	26.67	9.65	37.03
PMWC-05-04	5/16	1/4	13.70	6.35	9/16	5/8	16.25	18.54	31.24	14.22	38.60
PMWC-06-04	3/8	1/4	13.70	7.11	5/8	11/16	16.76	19.30	32.51	14.22	39.87
PMWC-06-06	3/8	3/8	17.10	7.11	11/16	11/16	16.76	19.30	32.51	11.05	39.87
PMWC-06-08	3/8	1/2	21.30	7.11	7/8	11/16	16.76	19.30	38.86	14.22	43.23
PMWC-08-06	1/2	3/8	17.10	10.41	13/16	7/8	22.86	21.84	33.27	19.05	43.43
PMWC-08-08	1/2	1/2	21.30	10.41	7/8	7/8	22.86	21.84	38.86	14.22	49.02
PMWC-08-12	1/2	3/4	26.67	10.41	1-1/16	7/8	22.86	21.84	40.38	19.05	50.54
PMWC-10-08	5/8	1/2	21.30	12.70	15/16	1	24.38	21.84	38.66	19.05	49.02
PMWC-12-12	3/4	3/4	26.67	15.74	1-1/16	1-1/8	24.38	21.84	40.38	19.05	50.54
PMWC-16-16	1	1	33.40	22.35	1-3/8	1-1/2	31.24	26.41	50.03	23.87	62.23

S. S. TUBE FITTINGS

PME MALE ELBOW





METRIC | IMPERIAL

METRIC

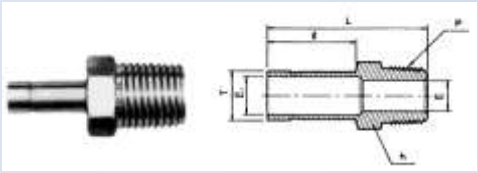
Part No.	Tube O.D. T mm	P (NPT)	E mm	h mm	H mm	F	G	I	L	L_1
PME-M03-02	3	1/8	2.4	12.7	12	12.9	15.3	17.0	23.6	17.8
PME-M03-04	3	1/4	2.4	12.7	12	12.9	15.3	18.0	24.6	23.4
PME-M04-02	4	1/8	2.4	12.7	12	13.7	16.1	18.8	25.4	18.8
PME-M04-04	4	1/4	2.4	12.7	12	13.7	16.1	18.8	25.4	23.4
PME-M06-02	6	1/8	4.8	12.7	14	15.3	17.7	19.6	27.0	18.8
PME-M06-04	6	1/4	4.8	12.7	14	15.3	17.7	19.6	27.0	23.4
PME-M06-06	6	3/8	4.8	17.5	14	15.3	17.7	22.4	29.8	26.2
PME-M06-08	6	1/2	4.8	20.6	14	15.3	17.7	24.4	31.8	33.0
PME-M08-02	8	1/8	4.8	14.3	16	16.2	18.6	21.3	28.8	19.8
PME-M08-04	8	1/4	6.4	14.3	16	16.2	18.6	21.3	28.8	24.4
PME-M08-06	8	3/8	6.4	17.5	16	16.2	18.6	23.9	31.4	28.5
PME-M08-08	8	1/2	6.4	20.6	16	16.2	18.6	25.1	32.6	33.0
PME-M10-02	10	1/8	4.8	17.5	19	17.2	19.5	23.9	31.5	23.6
PME-M10-04	10	1/4	7.1	17.5	19	17.2	19.5	23.9	31.5	28.2
PME-M10-06	10	3/8	7.9	17.5	19	17.2	19.5	25.9	31.5	28.2
PME-M10-08	10	1/2	7.9	20.6	19	17.2	19.5	25.9	33.5	33.0
PME-M12-02	12	1/8	4.8	20.6	22	22.8	22.00	25.9	36.0	23.6
PME-M12-04	12	1/4	7.1	20.6	22	22.8	22.00	25.9	36.0	28.2
PME-M12-06	12	3/8	9.5	20.6	22	22.8	22.00	25.9	36.0	28.2
PME-M12-08	12	1/2	9.5	20.6	22	22.8	22.00	29.7	36.0	33.0
PME-M12-12	12	3/4	9.5	27.0	22	22.8	22.00	27.9	39.8	36.8
PME-M16-06	16	3/8	9.5	25.4	25	24.4	22.00	27.9	38.0	30.2
PME-M16-08	16	1/2	11.9	25.4	25	24.4	22.00	29.7	38.0	35.1
PME-M16-12	16	3/4	12.7	27.0	25	24.4	22.00	29.7	39.8	36.8
PME-M18-08	18	1/2	11.9	27.0	30	24.4	22.00	29.7	39.8	36.8
PME-M18-12	18	3/4	15.1	27.0	30	24.4	22.00	29.7	39.8	36.8
PME-M20-08	20	1/2	11.9	31.8	32	26.0	22.00	34.5	44.6	41.7
PME-M20-12	20	3/4	15.9	31.8	32	26.0	22.00	34.5	44.6	41.7
PME-M22-12	22	3/4	15.9	31.8	32	26.0	22.00	34.5	44.6	41.7
PME-M22-16	22	1	18.3	36.0	32	26.0	22.00	34.5	44.6	46.5
PME-M25-12	25	3/4	15.9	36.0	38	31.3	26.5	36.8	49.1	41.7
PME-M25-16	25	1	21.8	36.0	38	31.3	26.5	36.8	49.1	46.5

IMPERIAL

Part No.	Tube O.D. T in	P (NPT)	E Min	h in	H in	F	G	I	L	L_1
PME-02-02	1/8	1/8	2.28	1/2	7/16	12.70	15.24	18.30	24.91	18.90
PME-02-04	1/8	1/4	2.28	1/2	7/16	12.70	15.24	18.30	24.91	23.36
PME-03-02	3/16	1/8	3.04	1/2	1/2	13.71	16.00	18.79	25.40	18.79
PME-03-04	3/16	1/4	3.04	1/2	1/2	13.71	16.00	18.79	25.40	23.36
PME-04-02	1/4	1/8	4.82	1/2	9/16	15.24	17.78	19.10	26.47	19.10
PME-04-04	1/4	1/4	4.82	1/2	9/16	15.24	17.78	19.81	27.18	23.87
PME-04-06	1/4	3/8	4.82	11/16	9/16	15.24	17.78	22.35	29.71	28.40
PME-04-08	1/4	1/2	4.82	13/16	9/16	15.24	17.78	24.60	31.97	35.10
PME-05-02	5/16	1/8	4.82	9/16	5/8	16.25	18.54	21.33	28.70	19.81
PME-05-04	5/16	1/4	6.35	9/16	5/8	16.25	18.54	22.40	29.77	24.50
PME-05-06	5/16	3/8	6.35	11/16	5/8	16.25	18.54	23.11	30.48	28.40
PME-06-02	3/8	1/8	4.82	5/8	11/16	16.76	19.30	23.11	30.48	20.60
PME-06-04	3/8	1/4	7.11	5/8	11/16	16.76	19.30	23.11	30.48	25.40
PME-06-06	3/8	3/8	7.11	11/16	11/16	16.76	19.30	23.87	31.24	28.44
PME-06-08	3/8	1/2	7.11	13/16	11/16	16.76	19.30	23.80	31.42	33.02
PME-06-12	3/8	3/4	7.11	1-1/16	11/16	16.76	19.30	29.71	37.08	36.83
PME-08-04	1/2	1/4	7.11	13/16	7/8	22.86	21.84	25.90	36.06	28.30
PME-08-06	1/2	3/8	9.65	13/16	7/8	22.86	21.84	25.90	36.06	28.30
PME-08-08	1/2	1/2	10.41	13/16	7/8	22.86	21.84	25.90	36.06	33.02
PME-08-12	1/2	3/4	10.41	1-1/16	7/8	22.86	21.84	29.71	39.87	36.83
PME-10-06	5/8	3/8	9.65	15/16	1	24.38	21.84	26.90	37.06	29.40
PME-10-08	5/8	1/2	11.93	15/16	1	24.38	21.84	26.90	37.06	34.00
PME-10-12	5/8	3/4	12.70	1-1/16	1	24.38	21.84	29.71	39.87	36.83
PME-12-08	3/4	1/2	11.93	1-1/16	1-1/8	24.38	21.84	29.71	39.87	37.00
PME-12-12	3/4	3/4	15.74	1-1/16	1-1/8	24.38	21.84	29.71	39.87	36.83
PME-14-12	7/8	3/4	15.74	1-1/4	1-1/4	25.90	21.84	34.54	44.70	41.65
PME-16-12	1	3/4	15.74	1-27/64	1-1/2	31.24	26.41	36.83	49.02	42.20
PME-16-16	1	1	22.35	1-27/64	1-1/2	31.24	26.41	36.83	49.02	46.70

S. S. TUBE FITTINGS

PMA MALE ADAPTER



METRIC | IMPERIAL

METRIC

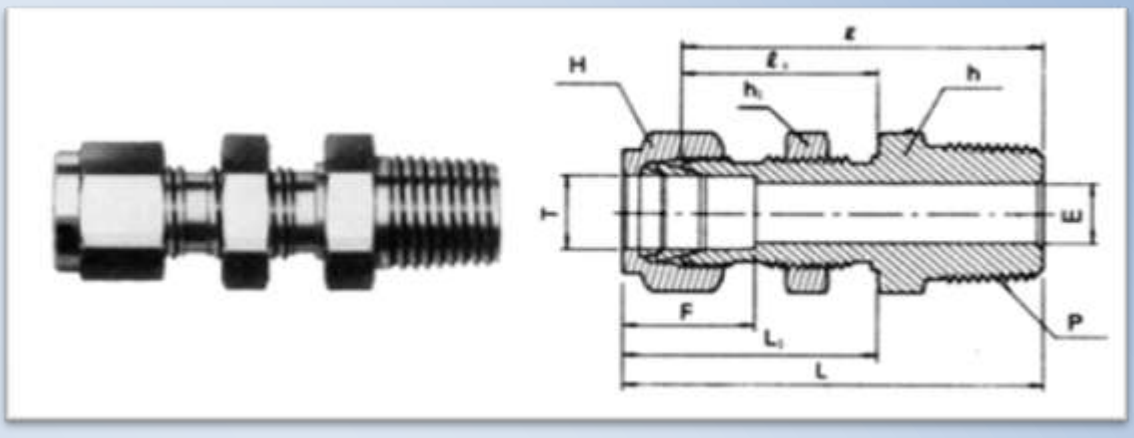
Part No.	Tube O.D. T mm	P (NPT)	E	E_1	h mm	l	L
PMA-M03-02	3	1/8	4.0	1.8	12	13.15	29.4
PMA-M06-02	6	1/8	4.6	4.6	12	15.75	32.8
PMA-M06-04	6	1/4	4.6	4.6	14	15.75	38.1
PMA-M08-04	8	1/4	6.3	6.3	14	16.50	39.1
PMA-M10-04	10	1/4	7.7	7.7	14	17.50	39.9
PMA-M10-06	10	3/8	7.7	7.7	17	17.50	40.6
PMA-M10-08	10	1/2	11.9	7.7	22	17.50	45.2
PMA-M12-04	12	1/4	7.1	9.1	14	23.50	46.5
PMA-M12-06	12	3/8	9.1	9.1	17	23.50	46.2
PMA-M12-08	12	1/2	11.9	9.1	22	23.50	51.8
PMA-M18-08	18	1/2	11.9	13.9	22	24.90	53.2
PMA-M18-12	18	3/4	15.9	13.9	27	24.90	53.2

IMPERIAL

Part No.	Tube O.D. T in	P (NPT)	E	E_1	h in	l	L
PMA-02-02	1/8	1/8	4.57	1.77	7/16	13.45	29.50
PMA-02-04	1/8	1/4	7.11	1.77	9/16	13.45	34.80
PMA-03-02	3/16	1/8	4.57	3.04	7/16	14.20	30.22
PMA-03-04	3/16	1/4	7.11	3.04	9/16	14.20	35.56
PMA-04-02	1/4	1/8	4.57	4.57	7/16	15.75	31.80
PMA-04-04	1/4	1/4	7.11	4.57	9/16	15.75	37.08
PMA-04-06	1/4	3/8	10.41	4.57	11/16	15.75	37.84
PMA-04-08	1/4	1/2	12.70	4.57	7/8	16.80	43.43
PMA-05-02	5/16	1/8	4.57	6.35	7/16	16.80	32.76
PMA-05-04	5/16	1/4	7.11	6.35	9/16	17.50	38.10
PMA-06-02	3/8	1/8	4.57	7.11	7/16	17.50	33.50
PMA-06-04	3/8	1/4	7.11	7.11	9/16	17.50	38.90
PMA-06-06	3/8	3/8	10.41	7.11	11/16	17.50	39.60
PMA-06-08	3/8	1/2	12.70	7.11	7/8	23.20	45.20
PMA-08-04	1/2	1/4	7.11	9.90	9/16	23.20	44.50
PMA-08-06	1/2	3/8	10.41	9.90	11/16	23.20	45.20
PMA-08-08	1/2	1/2	12.70	9.90	7/8	24.70	50.50
PMA-10-06	5/8	3/8	10.41	12.70	11/16	24.70	47.40
PMA-10-08	5/8	1/2	12.7	12.70	7/8	24.70	52.30
PMA-10-12	5/8	3/4	18.28	12.70	1-1/16	24.70	52.30
PMA-12-08	3/4	1/2	12.70	14.98	7/8	24.70	52.30
PMA-12-12	3/4	3/4	18.28	14.98	1-1/16	24.70	52.30
PMA-12-16	3/4	1	22.35	14.98	1-3/8	24.70	57.91
PMA-14-12	7/8	3/4	18.28	17.27	1-1/16	26.70	54.30
PMA-16-12	1	3/4	18.28	20.06	1-1/16	31.70	58.70
PMA-16-16	1	1	22.35	20.06	1-3/8	31.70	66.00

S. S. TUBE FITTINGS

PBMC BULKHEAD MALE CONNECTOR



METRIC | IMPERIAL

METRIC

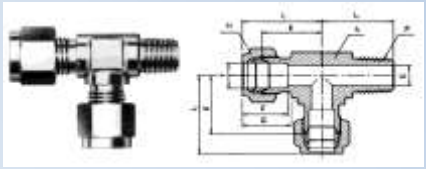
Part No.	Tube O.D. T mm	P (NPT)	E mm	h mm	h1 mm	H mm	F	l	l_1	L	L_1	Panel Hole DrillSize	Max Panel Thickness
PBMC-M06-02	6	1/8	2.28	14	17	14	17	42	26.0	51.0	35	11.60	12
PBMC-M06-04	6	1/4	4.82	14	17	14	17	47	26.0	56.0	35	11.60	12
PBMC-M10-04	10	1/4	7.11	17	19	19	18	52	29.50	60.50	38	16.40	10
PBMC-M12-04	12	1/4	10.40	22	24	22	24	60	32.0	71.0	43	19.50	14

IMPERIAL

Part No.	Tube O.D. T in	P (NPT)	E Min	h in	h in	H in	F	l	l_1	L	L_1	Panel Hole DrillSize	Max Panel Thickness
PBMC-02-02	1/8	1/8	2.28	1/2	1/2	7/16	12.70	39.87	24.63	46.48	31.24	8.33	12.70
PBMC-04-02	1/4	1/8	4.82	5/8	5/8	9/16	15.24	42.16	26.16	49.53	33.52	11.50	10.16
PBMC-04-04	1/4	1/4	4.82	5/8	5/8	9/16	15.24	45.97	26.16	53.34	33.52	11.50	10.16
PBMC-06-04	3/8	1/4	7.11	3/4	3/4	11/16	16.76	50.03	29.46	57.40	36.83	14.68	11.17
PBMC-08-06	1/2	3/8	9.39	15/16	15/16	7/8	22.86	53.08	31.75	63.24	41.91	19.44	12.70
PBMC-08-08	1/2	1/2	10.41	15/16	15/16	7/8	22.86	58.67	31.75	68.83	41.91	19.44	12.70

S. S. TUBE FITTINGS

PMRT MALE RUN TEE



METRIC | IMPERIAL

METRIC

Part No.	Tube O.D. T mm	P (NPT)	E MIN	h mm	H mm	F	G	I	L	L_1
PMRT-M03-02	3	1/8	2.4	12.7	12	12.9	15.3	17.0	23.6	17.6
PMRT-M03-04	3	1/4	2.4	12.7	12	12.9	15.3	18.0	24.6	23.4
PMRT-M04-02	4	1/8	2.4	12.7	12	13.7	16.1	18.8	25.4	18.8
PMRT-M06-02	6	1/8	4.8	12.7	14	15.3	17.7	19.6	27.0	18.8
PMRT-M06-04	6	1/4	4.8	14.2	14	15.3	17.7	19.6	27.0	23.4
PMRT-M08-02	8	1/8	4.8	14.3	16	16.2	18.6	21.3	28.8	19.8
PMRT-M08-04	8	1/4	6.4	17.5	16	16.2	18.6	21.3	28.8	24.4
PMRT-M10-04	10	1/4	7.1	17.5	19	17.2	19.5	23.9	31.5	28.2
PMRT-M10-06	10	3/8	7.9	20.6	19	17.2	19.5	23.9	31.5	28.2
PMRT-M12-04	12	1/4	7.1	20.6	22	22.8	22.0	25.9	36.0	28.2
PMRT-M12-06	12	3/8	9.5	20.6	22	22.8	22.0	25.9	36.0	28.2
PMRT-M12-08	12	1/2	9.5	20.6	22	22.8	22.0	25.9	36.0	33.0
PMRT-M16-06	16	3/8	9.5	25.4	25	24.4	22.0	27.9	38.0	30.2
PMRT-M16-08	16	1/2	11.9	25.4	25	24.4	22.0	27.9	38.0	35.1
PMRT-M20	20	3/4	15.9	31.8	32	26.0	22.0	34.5	44.6	41.7

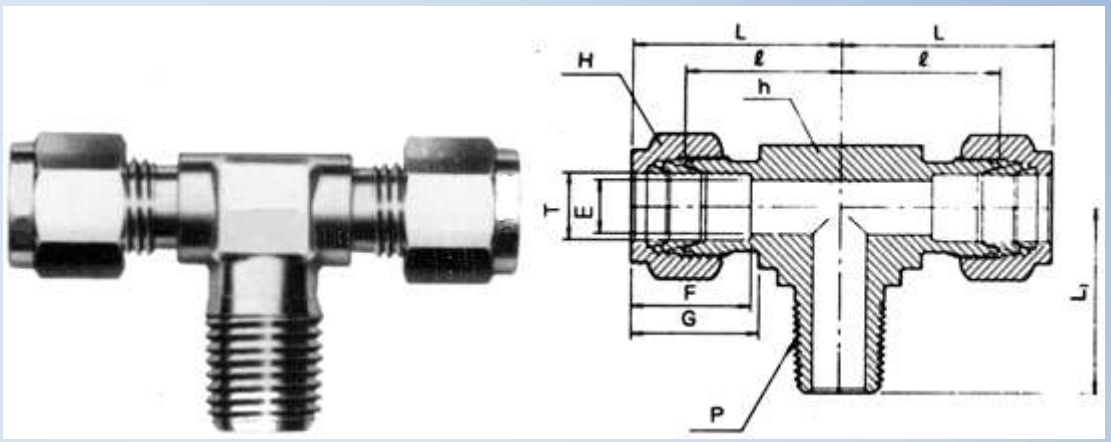
12										

IMPERIAL

Part No.	Tube O.D. T in	P (NPT)	E Min	h in	H in	F	G	I	L	L_1
PMRT-02-02	1/8	1/8	2.28	1/2	7/16	12.70	15.24	18.30	24.91	18.90
PMRT-02-04	1/8	1/4	2.28	1/2	7/16	12.70	15.24	18.03	24.91	23.36
PMRT-03-02	3/16	1/8	3.04	1/2	1/2	13.71	16.00	17.78	24.38	17.78
PMRT-04-02	1/4	1/8	4.82	1/2	9/16	15.24	17.78	19.55	26.92	18.79
PMRT-04-04	1/4	1/4	4.82	1/2	9/16	15.24	17.78	19.11	27.08	23.37
PMRT-05-02	5/16	1/8	4.82	9/16	5/8	16.25	18.54	22.35	29.71	20.82
PMRT-06-04	3/8	1/4	7.11	5/8	11/16	16.76	19.30	23.11	30.48	25.40
PMRT-06-06	3/8	3/8	7.11	11/16	11/16	16.76	19.30	23.87	31.24	26.20
PMRT-08-06	1/2	3/8	9.65	13/16	7/8	22.86	21.84	25.90	36.06	28.19
PMRT-08-08	1/2	1/2	10.41	13/16	7/8	22.86	21.84	25.90	36.06	33.02
PMRT-10-08	5/8	1/2	11.93	15/16	1	24.86	21.84	27.94	38.10	35.05
PMRT-12-12	3/4	3/4	15.74	1-1/16	1-1/8	24.38	21.84	28.91	38.35	35.30

S. S. TUBE FITTINGS

PMBT MALE BRANCH TEE



METRIC | IMPERIAL

METRIC

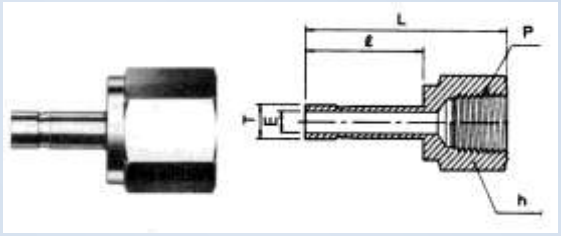
Part No.	Tube O.D. T mm	P (NPT)	E mm	h mm	H mm	F	G	I	L	L_1
PMBT-M03-02	3	1/8	2.4	12.7	12	12.9	15.3	17.0	23.6	17.8
PMBT-M03-04	3	1/4	2.4	12.7	12	12.9	15.3	18.0	24.6	23.4
PMBT-M04-02	4	1/8	2.4	12.7	12	13.7	16.1	18.8	25.4	18.8
PMBT-M06-02	6	1/8	4.8	12.7	14	15.3	17.7	19.6	27.0	18.8
PMBT-M06-04	6	1/4	4.8	14.2	14	15.3	17.7	19.6	27.0	23.4
PMBT-M08-02	8	1/8	4.8	14.3	16	16.2	18.6	21.3	28.8	19.8
PMBT-M08-04	8	1/4	6.4	17.5	16	16.2	18.6	21.3	28.8	24.4
PMBT-M10-04	10	1/4	7.1	17.5	19	17.2	19.5	23.9	31.5	28.2
PMBT-M10-06	10	3/8	7.9	20.6	19	17.2	19.5	23.9	31.5	28.2
PMBT-M12-04	12	1/4	7.1	20.6	22	22.8	22.0	25.9	36.0	28.2
PMBT-M12-06	12	3/8	9.5	20.6	22	22.8	22.0	25.9	36.0	28.2
PMBT-M12-08	12	1/2	9.5	20.6	22	22.8	22.0	25.9	36.0	33.0
PMBT-M16-06	16	3/8	9.5	25.4	25	24.4	22.0	27.9	38.0	30.2
PMBT-M16-08	16	1/2	11.9	25.4	25	24.4	22.0	27.9	38.0	35.1
PMBT-M20-12	20	3/4	15.9	31.8	32	26.0	22.0	34.5	44.6	41.7

IMPERIAL

Part No.	Tube O.D. T in	P (NPT)	E Min	h in	H in	F	G	I	L	L_1
PMBT-02-02	1/8	1/8	2.28	1/2	7/16	12.70	15.24	18.30	24.91	18.90
PMBT-02-04	1/8	1/4	2.28	1/2	7/16	12.70	15.24	18.03	24.91	23.36
PMBT-03-02	3/16	1/8	3.04	1/2	1/2	13.71	16.00	17.78	24.38	17.78
PMBT-04-02	1/4	1/8	4.82	1/2	9/16	15.24	17.78	19.55	26.92	18.79
PMBT-04-04	1/4	1/4	4.82	1/2	9/16	15.24	17.78	19.11	27.08	23.37
PMBT-05-02	5/16	1/8	4.82	9/16	5/8	16.25	18.54	22.35	29.71	20.82
PMBT-06-04	3/8	1/4	7.11	5/8	1/16	16.76	19.30	23.11	30.48	25.40
PMBT-06-06	3/8	3/8	7.11	11/16	11/16	16.76	19.30	23.87	31.24	26.20
PMBT-08-06	1/2	3/8	9.65	13/16	7/8	22.86	21.84	25.90	36.06	28.19
PMBT-08-08	1/2	1/2	10.41	13/16	7/8	22.86	21.84	25.90	36.06	33.02
PMBT-10-08	5/8	1/2	11.93	15/16	1	24.86	21.84	27.94	38.10	35.05
PMBT-12-12	3/4	3/4	15.74	1-1/16	1-1/8	24.38	21.84	28.19	38.35	35.30

S. S. TUBE FITTINGS

PFA FEMALE ADAPTER



METRIC | IMPERIAL

METRIC

Part No.	Tube O.D. T mm	P (NPT)	E	h mm	l	L
PFA-M03-02	3	1/8	1.8	14	13.15	31.15
PFA-M06-02	6	1/8	4.6	14	15.75	32.5
PFA-M06-04	6	1/4	4.6	19	15.75	37.1
PFA-M08-04	8	1/4	6.3	19	16.50	37.6
PFA-M10-04	10	1/4	7.7	19	17.50	38.1
PFA-M10-06	10	3/8	7.7	22	17.50	40.1
PFA-M10-08	10	1/2	7.7	27	17.50	46.5
PFA-M12-04	12	1/4	9.1	19	23.50	43.7
PFA-M12-06	12	3/8	9.1	22	23.50	46.0
PFA-M12-08	12	1/2	9.1	27	23.50	52.3
PFA-M18-12	18	3/4	13.9	32	24.90	54.8

Pressure Conversions

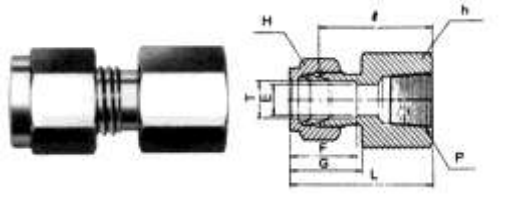
	mmHg	inHg	in	ft.	atm	lb/in	l¸/l²	KPa	BAR
mmHg	1.	.03937	.5353	.04461	.00132	.01934	.00136	.1333	.0013
inHg	25.40	1.	13.60	1.133	.03342	.4912	.03453	3.387	.0339
in	1.868	.07355	1.	.08333	.00246	.03612	.00254	.2490	.0025
ft.	22.42	.8826	12.	1.	.02950	.4334	.3048	2.988	.0299
atm	760	29.92	406.8	33.90	1.	14.70	1.033	101.3	1.013
lb/in	51.71	2.036	27.69	2.307	.06805	1.	.07031	6.895	.0689
l¸/l²	735.6	28.96	397.3	32.81	.9678	14.22	1.	98.05	.981
kPa	7.50	.2953	4.016	.3347	.00987	.1451	.0102	1.	.01
Bar	750.	29.53	401.6	33.47	.987	14.51	1.02	100.	1.

IMPERIAL

Part No.	Tube O.D. T in	P (NPT)	E	h in	l	L
PFA-02-02	1/8	1/8	1.77	9/16	13.45	31.50
PFA-02-04	1/8	1/4	1.77	3/4	13.45	35.30
PFA-03-02	3/16	1/8	3.04	9/16	14.20	32.00
PFA-03-04	3/16	1/4	3.04	3/4	14.20	35.81
PFA-04-02	1/4	1/8	4.57	9/16	15.75	33.02
PFA-04-04	1/4	1/4	4.57	3/4	15.75	37.10
PFA-04-06	1/4	3/8	4.57	7/8	15.75	39.37
PFA-04-08	1/4	1/2	4.57	1-1/16	15.75	42.50
PFA-05-02	5/16	1/8	6.35	9/16	16.80	34.29
PFA-05-04	5/16	1/4	6.35	3/4	16.80	37.59
PFA-06-02	3/8	1/8	7.11	9/16	17.50	34.29
PFA-06-04	3/8	1/4	7.11	3/4	17.50	38.10
PFA-06-06	3/8	3/8	7.11	7/8	17.50	40.38
PFA-06-08	3/8	1/2	7.11	1-1/16	17.50	46.73
PFA-08-04	1/2	1/4	9.90	3/4	23.20	43.43
PFA-08-06	1/2	3/8	9.90	7/8	23.20	45.46
PFA-08-08	1/2	1/2	9.90	1-1/16	23.20	51.80
PFA-10-06	5/8	3/8	12.70	7/8	24.70	48.26
PFA-10-08	5/8	1/2	12.70	1-1/16	24.70	53.84
PFA-10-12	5/8	3/4	12.70	1-1/4	24.70	55.37
PFA-12-08	3/4	1/2	14.98	1-1/16	24.70	52.83
PFA-12-12	3/4	3/4	14.98	1-1/4	24.70	54.86
PFA-12-16	3/4	1	14.98	1-5/8	24.70	58.42
PFA-14-12	7/8	3/4	17.27	1-1/4	26.70	57.15
PFA-16-12	1	3/4	20.06	1-1/4	31.70	60.70
PFA-16-16	1	1	20.06	1-5/8	31.70	64.26

S. S. TUBE FITTINGS

PFC FEMALE CONNECTOR



METRIC | IMPERIAL

METRIC

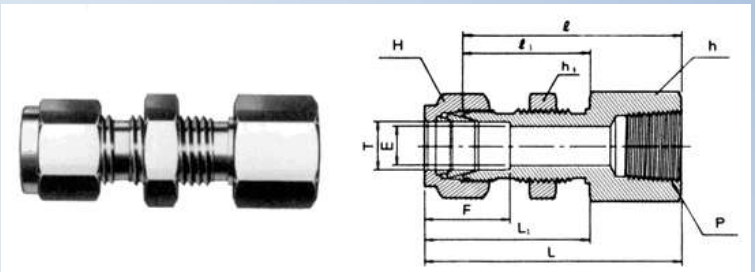
Part No.	Tube O.D. T mm	P (NPT)	E mm	h mm	H mm	F	G	I	L
PFC-M03-02	3	1/8	2.4	14	12	12.9	15.3	22.1	28.7
PFC-M03-04	3	1/4	2.4	19	12	12.9	15.3	26.9	33.5
PFC-M04-02	4	1/8	2.4	14	12	13.7	16.1	23.1	29.7
PFC-M06-02	6	1/8	4.8	14	14	15.3	17.7	23.9	31.3
PFC-M06-04	6	1/4	4.8	19	14	15.3	17.7	28.4	35.8
PFC-M06-06	6	3/8	4.8	22	14	15.3	17.7	29.5	36.9
PFC-M06-08	6	1/2	4.8	27	14	15.3	17.7	35.1	42.5
PFC-M08-02	8	1/8	6.4	15	16	16.2	18.6	24.6	32.1
PFC-M08-04	8	1/4	6.4	19	16	16.2	18.6	29.5	37.0
PFC-M08-06	8	3/8	6.4	22	16	16.2	18.6	30.2	37.7
PFC-M08-08	8	1/2	6.4	27	16	16.2	19.5	35.8	43.3
PFC-M10-02	10	1/8	7.9	18	19	17.2	19.5	25.4	33.0
PFC-M10-04	10	1/4	7.9	19	19	17.2	19.5	30.2	37.8
PFC-M10-06	10	3/8	7.9	22	19	17.2	19.5	31.0	38.6
PFC-M10-08	10	1/2	7.9	27	19	17.2	22.0	36.6	44.2
PFC-M12-02	12	1/8	8.3	22	22	22.8	22.0	28.4	38.5
PFC-M12-04	12	1/4	9.5	22	22	22.8	22.0	30.2	40.3
PFC-M12-06	12	3/8	9.5	22	22	22.8	22.0	31.0	41.1
PFC-M12-08	12	1/2	9.5	27	22	22.8	22.0	36.6	46.7
PFC-M12-12	12	3/4	9.5	35	22	22.8	22.0	38.9	49.0
PFC-M15-08	15	1/2	11.9	27	25	24.4	22.0	36.6	46.7
PFC-M16-08	16	1/2	12.7	27	25	24.4	22.0	36.8	46.9
PFC-M20-08	20	1/2	15.9	30	32	26.0	22.0	37.8	47.9
PFC-M20-12	20	3/4	15.9	35	32	26.0	22.0	39.6	49.7
PFC-M22-12	22	3/4	18.3	35	32	26.0	22.0	39.6	49.7
PFC-M22-16	22	1	18.3	41	32	26.0	22.0	47.8	57.9
PFC-M25-12	25	3/4	21.8	35	38	31.3	26.5	41.1	53.4
PFC-M25-16	25	1	21.8	41	38	31.3	26.5	50.0	62.3

IMPERIAL

Part No.	Tube O.D. T in	P (NPT)	E Min	h in	H in	F	G	I	L
PFC-02-02	1/8	1/8	2.28	9/16	7/16	12.70	15.24	22.09	28.70
PFC-02-04	1/8	1/4	2.28	3/4	7/16	12.70	15.24	26.92	33.52
PFC-03-02	3/16	1/8	3.04	9/16	1/2	13.71	16.00	23.11	29.71
PFC-04-02	1/4	1/8	4.82	9/16	9/16	15.24	17.78	23.87	31.24
PFC-04-04	1/4	1/4	4.82	3/4	9/16	15.24	17.78	28.44	35.81
PFC-04-06	1/4	3/8	4.82	7/8	9/16	15.24	17.78	30.22	37.59
PFC-04-08	1/4	1/2	4.82	1-1/16	9/16	15.24	17.78	35.05	42.41
PFC-05-02	5/16	1/8	6.35	9/16	5/8	16.25	17.78	24.63	32.00
PFC-05-04	5/16	1/4	6.35	3/4	5/8	16.25	18.54	29.46	36.83
PFC-06-02	3/8	1/8	7.11	5/8	11/16	16.76	18.54	25.40	32.76
PFC-06-04	3/8	1/4	7.11	3/4	11/16	16.76	19.30	30.22	37.59
PFC-06-06	3/8	3/8	7.11	7/8	11/16	16.76	19.30	31.75	39.11
PFC-06-08	3/8	1/2	7.11	1-1/16	11/16	16.76	19.30	36.57	43.94
PFC-06-12	3/8	3/4	7.11	1-5/16	11/16	22.86	19.30	40.38	47.75
PFC-08-04	1/2	1/4	10.41	1-3/16	7/8	22.86	19.30	30.22	40.38
PFC-08-06	1/2	3/8	10.41	7/8	7/8	22.86	21.84	31.75	41.91
PFC-08-08	1/2	1/2	10.41	1-1/16	7/8	22.86	21.84	36.57	46.73
PFC-08-12	1/2	3/4	10.41	1-5/16	7/8	24.38	21.84	38.10	48.26
PFC-10-06	5/8	3/8	12.70	15/16	1	24.38	21.84	31.75	41.91
PFC-10-08	5/8	1/2	12.70	1-1/16	1	24.38	21.84	36.57	46.73
PFC-12-08	3/4	1/2	15.74	1-1/16	1-1/8	24.38	21.84	36.57	46.73
PFC-12-12	3/4	3/4	15.74	1-5/16	1-1/8	24.38	21.84	38.10	48.26
PFC-14-12	7/8	3/4	18.28	1-5/16	1-1/4	25.90	21.84	39.62	49.78
PFC-16-12	1	3/4	22.35	1-3/8	1-1/2	31.24	26.41	41.14	53.24
PFC-16-16	1	1	22.35	1-5/8	1-1/2	31.24	26.41	50.03	62.23

S. S. TUBE FITTINGS

PBFC BULKHEAD FEMALE CONNECTOR



METRIC | IMPERIAL

METRIC

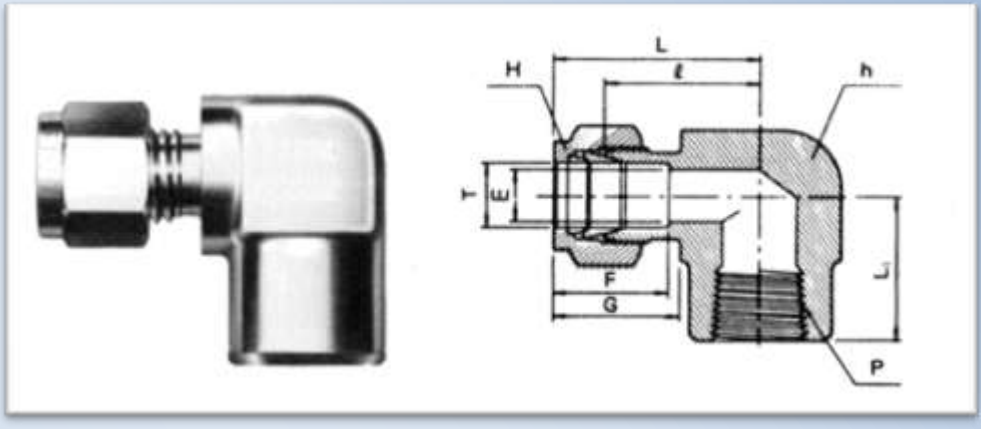
Part No.	Tube O.D. T mm	P (NPT)	E mm	h mm	h_1 mm	H mm	F	l	l_1	L	L_1	Panel Hole DrillSize	Max Panel Thickness
PBFC-M06-02	6	1/8	4.8	15.8	15.8	14	15.3	39.6	27.7	46.90	35	11.5	10.2
PBFC-M06-04	6	1/4	4.8	19.0	16.0	14	15.3	44.4	26.2	51.80	33.6	11.5	10.2
PBFC-M08-04	8	1/4	6.3	19.0	17.4	16	16.2	46.7	28.4	53.85	35.55	13.1	11.2
PBFC-M12-08	12	1/2	9.5	27.0	24.0	22	22.8	55.4	31.8	66.50	41.9	19.5	12.7

IMPERIAL

Part No.	Tube O.D. T in	P (NPT)	E Min	h in	h_1 in	H in	F	l	l_1	L	L_1	Panel Hole DrillSize	Max Panel Thickness
PBFC-02-02	1/8	1/8	2.28	9/16	1/2	7/16	12.70	38.10	24.63	44.70	31.24	8.33	12.70
PBFC-04-02	1/4	1/8	4.82	5/8	9/16	9/16	15.24	39.62	26.16	46.99	33.52	11.50	10.16
PBFC-04-04	1/4	1/4	4.82	3/4	5/8	9/16	15.24	44.45	26.16	51.81	33.52	11.50	10.16
PBFC-06-04	3/8	1/4	7.11	3/4	3/4	11/16	16.76	47.75	29.46	55.11	36.83	14.68	11.17
PBFC-08-06	1/2	3/8	10.41	15/16	15/16	7/8	22.86	51.56	31.75	61.72	41.91	19.44	12.70
PBFC-08-08	1/2	1/2	10.41	1-1/16	15/16	7/8	22.86	56.38	31.75	66.54	41.91	19.44	12.70
PBFC-12-12	3/4	3/4	15.74	1-1/4	1-3/16	1-1/8	24.38	63.60	38.80	75.51	47.21	25.79	16.76

S. S. TUBE FITTINGS

PFE FEMALE ELBOW



METRIC | IMPERIAL

METRIC

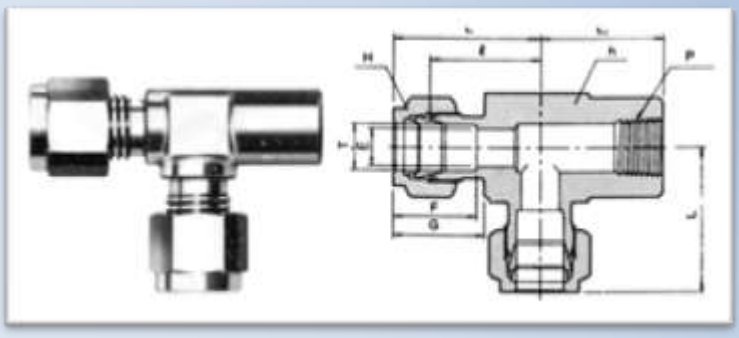
Part No.	Tube O.D. T mm	P (NPT)	E mm	h mm	H mm	F	G	I	L	L_1
PFE-M06-04	6	1/4	4.8	17.46	14	15.3	17.7	22.4	28.9	22.40
PFE-M06-06	6	3/8	4.8	20.63	14	15.3	17.7	24.4	31.7	22.40
PFE-M06-08	6	1/2	4.8	25.40	14	15.3	17.7	27.2	34.6	28.40
PFE-M08-04	8	1/4	6.4	17.46	16	16.2	18.6	23.1	30.6	22.40
PFE-M08-08	8	1/2	6.4	20.63	16	16.2	18.6	28.0	35.2	28.40
PFE-M10-04	10	1/4	7.9	17.46	19	17.2	19.5	25.9	33.5	22.35
PFE-M10-06	10	3/8	7.9	20.63	19	17.2	19.5	25.9	33.5	22.40
PFE-M10-08	10	1/2	7.9	25.40	19	17.2	19.5	28.7	36.1	28.40
PFE-M12-06	12	3/8	9.5	20.63	22	22.8	22.0	25.9	36.2	22.35
PFE-M12-08	12	1/2	9.5	25.40	22	22.8	22.0	28.7	38.8	28.40

IMPERIAL

7	Tube O.D. T in	P (NPT)	E Min	h in	H in	F	G	I	L	L_1
PFE-02-02	1/8	1/8	2.28	1/2	7/16	12.70	15.24	18.03	24.63	19.05
PFE-02-04	1/8	1/4	2.28	11/16	7/16	12.70	15.24	20.62	27.82	22.35
PFE-03-02	3/16	1/8	3.04	1/2	1/2	13.71	16.00	18.79	25.40	19.05
PFE-04-02	1/4	1/8	4.82	1/2	9/16	15.24	17.78	19.55	26.92	19.05
PFE-04-04	1/4	1/4	4.82	11/16	9/16	15.24	17.78	22.35	29.71	22.35
PFE-04-06	1/4	3/8	4.82	13/16	9/16	15.24	17.78	24.38	31.75	22.35
PFE-04-08	1/4	1/2	4.82	1	9/16	15.24	17.78	27.17	34.54	28.44
PFE-05-02	5/16	1/8	6.35	9/16	5/8	16.25	18.54	21.33	28.70	19.05
PFE-05-04	5/16	1/4	6.35	11/16	5/8	16.25	18.54	23.11	30.48	22.35
PFE-06-02	3/8	1/8	7.11	5/8	11/16	16.76	19.30	23.11	30.48	19.05
PFE-06-04	3/8	1/4	7.11	11/16	11/16	16.76	19.30	23.87	31.24	22.35
PFE-06-06	3/8	3/8	7.11	13/16	11/16	16.76	19.30	25.90	33.27	22.35
PFE-06-08	3/8	1/2	7.11	1	11/16	16.76	19.30	28.70	36.06	28.44
PFE-08-04	1/2	1/4	10.41	13/16	7/8	22.86	21.84	25.90	36.06	22.35
PFE-08-06	1/2	3/8	10.41	13/16	7/8	22.86	21.84	25.90	36.08	22.35
PFE-08-08	1/2	1/2	10.41	1	7/8	22.86	21.84	28.70	38.86	28.44
PFE-10-06	5/8	3/8	12.70	15/16	1	24.38	21.84	27.94	38.10	20.35
PFE-10-08	5/8	1/2	12.70	1	1	24.38	21.84	29.71	39.87	28.44
PFE-12-08	3/4	1/2	15.74	1-1/16	1-1/8	24.38	21.84	29.71	39.87	28.44
PFE-12-12	3/4	3/4	15.74	1-1/4	1-1/8	24.38	21.84	34.54	44.70	31.75
PFE-14-12	7/8	3/4	18.28	1-1/4	1-1/4	25.90	21.84	34.54	44.70	31.75
PFE-16-12	1	3/4	22.35	1-27/64	1-1/2	31.24	26.41	36.83	49.02	31.75
PFE-16-16	1	1	22.35	1-11/16	1-1/2	31.24	26.41	38.10	50.29	38.10

S. S. TUBE FITTINGS

PFRT FEMALE RUN TEE



METRIC | IMPERIAL

METRIC

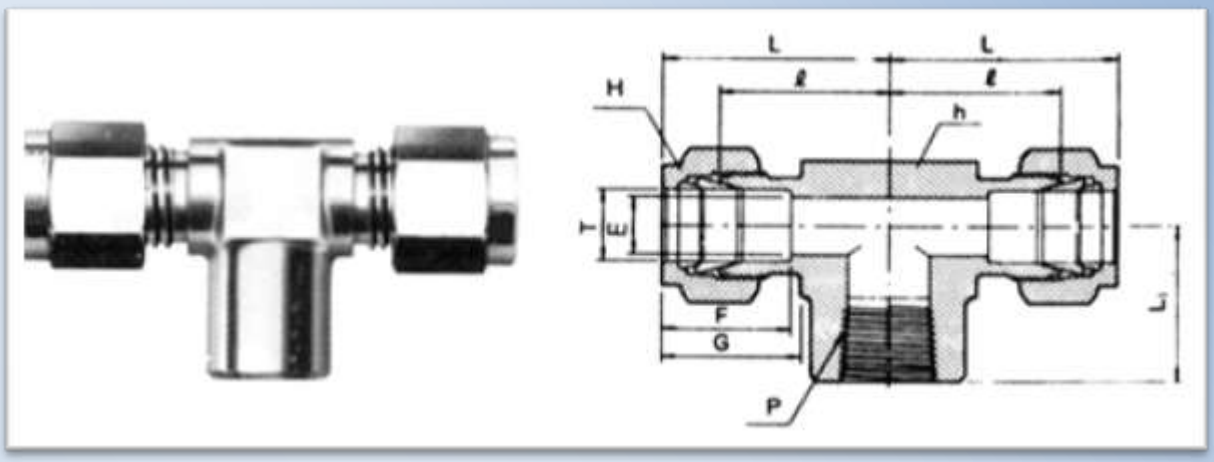
Part No.	Tube O.D. T mm	P (NPT)	E mm	h mm	H mm	F	G	I	L	L_1
PFRT-M06-02	6	1/8	4.8	12.70	14	15.3	17.7	19.6	46.0	19.0
PFRT-M06-04	6	1/4	4.8	17.46	14	15.3	17.7	22.4	52.1	22.4
PFRT-M06-08	6	1/2	4.8	25.40	14	15.3	17.7	27.2	34.5	28.4
PFRT-M08-02	8	1/8	6.4	15.87	16	16.2	18.6	22.4	48.9	19.0
PFRT-M08-04	8	1/4	6.4	17.46	16	16.2	18.6	23.1	53.0	22.4
PFRT-M08-06	8	3/8	6.4	20.63	16	16.2	18.6	25.2	32.4	22.4
PFRT-M08-08	8	1/2	6.4	25.40	16	16.2	28.6	28.0	35.2	28.4
PFRT-M12-04	12	1/4	9.5	20.63	22	22.8	22.0	25.9	58.4	22.4
PFRT-M12-06	12	3/8	9.5	20.63	22	22.8	22.0	25.9	58.4	22.4
PFRT-M12-08	12	1/2	9.5	26.98	22	22.8	22.0	29.7	40.0	28.4
PFRT-M16-08	16	1/2	12.7	25.40	25	24.4	22.0	29.7	39.9	28.4

IMPERIAL

Part No.	Tube O.D. T in	P (NPT)	E Min	h in	H in	F	G	I	L	L_1
PFRT-02-02	1/8	1/8	2.28	1/2	7/16	12.70	15.24	18.03	24.63	19.05
PFRT-04-02	1/4	1/8	4.82	1/2	9/16	15.24	17.78	19.55	26.92	19.05
PFRT-04-04	1/4	1/4	4.82	11/16	9/16	15.24	17.78	22.86	29.71	22.35
PFRT-06-04	3/8	1/4	7.11	11/16	11/16	16.76	19.30	23.87	31.24	22.35
PFRT-08-06	1/2	3/8	10.41	13/16	7/8	22.86	21.84	25.90	36.06	22.35
PFRT-08-08	1/2	1/2	10.41	1	7/8	22.86	21.84	29.71	39.87	28.44
PFRT-12-12	3/4	3/4	15.74	1-1/4	1-1/8	24.38	21.84	34.54	44.70	31.75

S. S. TUBE FITTINGS

PFBT FEMALE BRANCH TEE



METRIC | IMPERIAL

METRIC

Part No.	Tube O.D. T mm	P (NPT)	E mm	h mm	H mm	F	G	I	L	L_1
PFBT-M06-02	6	1/8	4.8	12.70	14	15.3	17.7	19.6	27.0	19.0
PFBT-M06-04	6	1/4	4.8	17.46	14	15.3	17.7	22.4	29.8	22.4
PFBT-M06-06	6	3/8	4.8	20.63	14	15.3	17.7	22.4	31.7	22.4
PFBT-M06-08	6	1/2	4.8	25.40	14	15.3	17.7	27.2	34.7	28.4
PFBT-M08-02	8	1/8	6.4	15.87	16	16.2	18.6	23.1	29.9	19.0
PFBT-M08-04	8	1/4	6.4	17.46	16	16.2	18.6	23.1	30.6	22.4
PFBT-M08-06	8	3/8	6.4	20.63	16	16.2	18.6	25.2	32.4	22.4
PFBT-M08-08	8	1/2	6.4	25.40	16	16.2	18.6	28.0	35.2	28.4
PFBT-M10-04	10	1/4	7.9	20.63	19	17.2	19.5	25.9	33.5	22.4
PFBT-M10-06	10	3./8	7.9	20.63	19	17.2	19.5	25.9	33.3	22.4
PFBT-M10-08	10	1/2	9.5	25.40	19	17.2	19.5	26.2	33.6	22.4
PFBT-M12-04	12	1/4	9.5	20.63	22	22.8	22.0	25.9	36.0	22.4
PFBT-M12-06	12	3/8	9.5	20.63	22	22.8	22.0	25.9	36.0	22.4
PFBT-M12-08	12	1/2	9.5	25.40	22	22.8	22.0	29.7	40.0	28.4
PFBT-M16-08	16	1/2	12.7	25.4	25	24.4	22.0	28.7	38.8	28.7

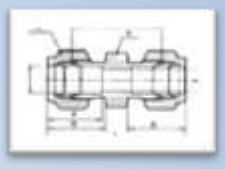
IMPERIAL

Part No.	Tube O.D. T in	P (NPT)	E Min	h in	H in	F	G	I	L	L_1
PFBT-02-02	1/8	1/8	2.28	1/2	7/16	12.70	15.24	18.03	24.38	19.05
PFBT-04-02	1/4	1/8	4.82	1/2	9/16	15.24	17.78	19.55	26.92	19.05
PFBT-04-04	1/4	1/4	4.82	11/16	9/16	15.24	17.78	22.35	29.71	22.35
PFBT-06-04	3/8	1/4	7.11	11/16	11/16	16.76	19.30	23.87	31.24	22.35
PFBT-08-04	1/2	1/4	10.41	13/16	7/8	22.86	21.34	25.90	26.06	22.35
PFBT-08-06	1/2	3/8	10.41	13/16	7/8	22.86	21.84	25.90	36.06	22.35
PFBT-08-08	1/2	1/2	10.41	1	1	22.86	21.84	28.70	38.86	28.44
PFBT-10-08	5/8	1/2	12.70	1	1-1/8	24.38	21.84	28.70	38.86	28.44
PFBT-12-12	3/4	3/4	15.74	1-1/4	1-1/8	24.38	21.84	34.54	44.70	31.75
PFBT-16-12	1	3/4	22.35	1-27/64	1-1/2	31.24	26.41	36.83	49.02	31.75
PFBT-16-16	1	1	22.35	1-11/16	1-1/2	31.24	26.41	44.20	53.59	38.10

S. S. TUBE FITTINGS

PU UNION





METRIC | IMPERIAL

METRIC

Part No.	Tube O.D. T mm	E mm	h mm	H mm	F	G	I	L
PU - M 02	2	1.7	12	12	12.9	15.3	22.4	35.6
PU - M 03	3	2.4	12	12	12.9	15.3	22.1	35.3
PU - M 04	4	2.4	12	12	13.7	16.1	24.1	37.3
PU - M 06	6	4.8	14	14	15.3	17.7	26.2	41.0
PU - M 08	8	6.4	15	16	16.2	18.6	28.2	43.2
PU - M 10	10	7.9	18	19	17.2	19.5	31.0	46.2
PU - M 12	12	9.5	22	22	22.8	22.0	31.0	51.2
PU - M 15	15	11.9	24	25	24.4	22.0	31.8	52.0
PU - M 20	20	15.9	30	32	26.0	22.0	34.8	55.0
PU - M 22	22	18.3	30	32	26.0	22.0	34.8	55.0
PU - M 25	25	21.8	35	38	31.3	26.5	40.4	65.0

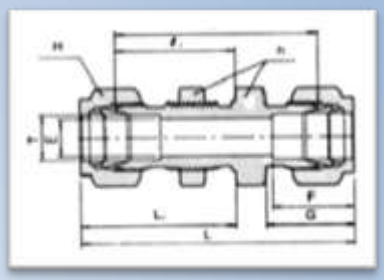
IMPERIAL

Part No.	Tube O.D. T in	E Min	h in	H in	F	G	I	L
PU-01	1/16	1.27	5	5/16	8.63	10.91	17.50	25.15
PU-02	1/8	2.28	7/16	7/16	12.70	15.24	22.35	35.56
PU-03	3/16	3.04	7/16	1/2	13.71	16.00	24.13	37.33
PU-04	1/4	4.82	1/2	9/16	15.24	17.78	26.16	40.89
PU-05	5/16	6.35	9/16	5/8	16.25	18.54	28.19	42.92
PU-06	3/8	7.11	5/8	11/16	16.76	19.30	30.22	44.95
PU-08	1/2	10.41	13/16	7/8	22.86	21.84	30.98	51.30
PU-10	5/8	12.70	15/16	1	24.38	21.84	31.75	52.07
PU-12	3/4	15.74	1-1/16	1-1/8	24.38	21.84	33.27	53.59
PU-14	7/8	18.28	1-3/16	1-1/4	25.90	21.84	35.05	55.37
PU-16	1	22.35	1-3/8	1-1/2	31.24	26.41	40.38	64.77

S. S. TUBE FITTINGS

PBU BULKHEAD UNION





METRIC | IMPERIAL

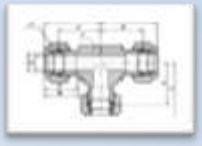
METRIC

Part No.	Tube O.D. T mm	E mm	h mm	h1 mm	H mm	F	G	I	I_1	L	L_1	Panel Hole DrillSize	Max Panel Thickness
PBU - M03	3	2.4	14	12.7	12	12.9	15.3	38.1	24.6	51.3	31.2	8.3	12.7
PBU - M04	4	2.4	14	14.3	12	13.7	15.3	40.4	25.4	53.6	32.0	9.9	12.7
PBU - M06	6	4.8	16	15.9	14	15.3	16.1	42.9	26.2	57.7	33.6	11.5	10.2
PBU - M08	8	6.4	16	17.5	16	16.2	17.7	46.0	28.6	61.0	36.1	13.1	11.2
PBU - M10	10	7.9	22	22.0	19	17.2	18.6	48.5	29.4	63.7	37.0	16.2	11.2
PBU - M12	12	9.5	24	23.8	22	22.8	19.5	50.8	31.8	71.0	41.9	19.5	12.7
PBU - M15	15	11.9	27	27.0	25	24.4	22.0	52.3	32.5	72.5	42.6	22.8	12.7
PBU - M16	16	12.7	27	27.0	25	24.4	22.0	52.3	32.5	72.5	42.6	22.8	12.7
PBU - M18	18	15.1	30	30.0	30	24.4	22.0	58.7	37.7	78.9	47.4	26.0	16.8
PBU - M20	20	15.9	35	35.0	32	26.0	22.0	64.3	42.9	84.5	53.0	29.0	17.0
PBU - M22	22	18.3	35	35.0	32	26.0	22.0	64.3	42.9	84.5	53.0	29.0	19.1
PBU - M25	25	21.8	41.3	41.3	38	31.3	26.5	71.4	45.2	95.9	57.5	33.7	19.1

IMPERIAL

Part No.	Tube O.D. T in	E Min	h in	H in	F	G	I	I_1	L	L_1	Panel Hole DrillSize	Max Panel Thickness
PBU-01	1/16	1.27	5/16	5/16	8.63	10.92	23.87	13.46	31.50	17.27	5.16	3.05
PBU-02	1/8	2.28	1/2	7/16	12.70	15.24	38.10	24.63	51.30	31.24	8.33	12.70
PBU-03	3/16	3.04	9/16	1/2	13.71	16.00	40.38	25.40	53.59	32.00	9.92	12.70
PBU-04	1/4	4.82	5/8	9/16	15.24	17.78	42.92	26.16	57.65	33.52	11.50	10.16
PBU-05	5/16	6.35	11/16	5/8	16.25	18.54	45.92	28.44	60.70	35.81	13.09	11.17
PBU-06	3/8	7.11	3/4	11/16	16.76	19.30	47.49	29.46	62.23	36.83	14.65	11.17
PBU-08	1/2	10.41	15/16	7/8	22.86	21.84	47.49	31.75	71.12	41.91	19.44	12.70
PBU-10	5/8	12.70	1-1/16	1	24.38	21.84	50.80	32.51	72.64	42.67	22.62	12.70
PBU-12	3/4	15.74	1-3/16	1-1/8	24.38	21.84	52.32	37.33	78.99	47.49	25.79	16.76
PBU-14	7/8	18.28	1-3/8	1-1/4	25.90	21.84	58.67	42.92	84.58	53.08	28.97	19.05
PBU-16	1	22.35	1-5/8	1-1/2	31.24	26.41	64.26	45.21	95.75	57.40	33.73	19.05

S. S. TUBE FITTINGS PUT UNION TEE





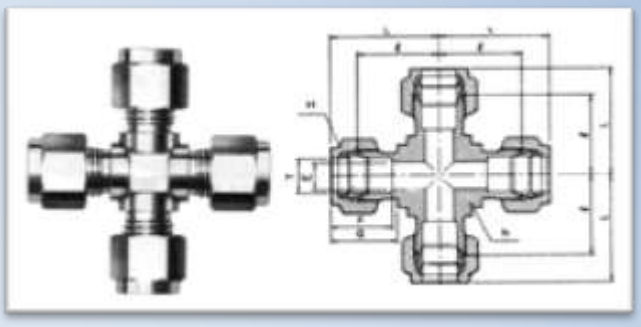
METRIC

Part No.	Tube O.D. T mm	E mm	h mm	H mm	F	G	I	L
PUT-M02	2	1.7	9.5	12	12.9	15.3	15.7	22.3
PUT-M03	3	2.4	9.5	12	12.9	15.3	15.7	22.3
PUT-M04	4	2.4	12.7	12	13.7	16.1	18.8	25.4
PUT-M06	6	4.8	12.7	14	15.3	17.7	19.6	27.0
PUT-M08	8	6.4	14.3	16	16.2	18.6	21.3	28.8
PUT-M10	10	7.9	17.5	19	17.2	19.5	23.9	31.5
PUT-M12	12	9.5	20.6	22	22.8	22.0	25.9	36.0
PUT-M15	15	11.9	25.4	25	24.4	22.0	28.7	38.8
PUT-M16	16	12.7	25.4	25	24.4	22.0	28.7	38.8
PUT-M18	18	15.1	27.0	30	24.4	22.0	29.7	39.8
PUT-M20	20	15.9	31.8	32	26.0	22.0	32.5	42.6
PUT-M22	22	18.3	31.8	32	26.0	22.0	32.5	42.6
PUT-M25	25	21.8	36.0	38	31.3	26.5	36.8	49.1

IMPERIAL

Part No.	Tube O.D. T in	E Min	h in	H in	F	G	I	L
PUT-01	1/16	1.27	3/8	5/16	8.63	10.92	14.00	17.88
PUT-02	1/8	2.28	3/8	7/16	12.70	15.24	15.74	22.35
PUT-03	3/16	3.04	1/2	1/2	13.71	16.00	17.78	24.38
PUT-04	1/4	4.82	1/2	9/16	15.24	17.78	19.55	26.92
PUT-05	5/16	6.35	9/16	5/8	16.25	18.54	21.33	28.70
PUT-06	3/8	7.11	5/8	11/16	16.76	19.30	23.11	30.48
PUT-08	1/2	10.41	13/16	7/8	22.86	21.84	25.90	36.06
PUT-10	5/8	12.70	15/16	1	24.38	21.84	28.70	38.80
PUT-12	3/4	15.74	1-1/6	1-1/8	24.38	21.84	29.71	39.87
PUT-14	7/8	18.28	1-1/4	1-1/4	25.90	21.84	34.54	44.70
PUT-16	1	22.35	1-27/64	1-1/2	31.24	26.41	36.83	49.02

S. S. TUBE FITTINGS PUC UNION CROSS



METRIC | IMPERIAL

METRIC

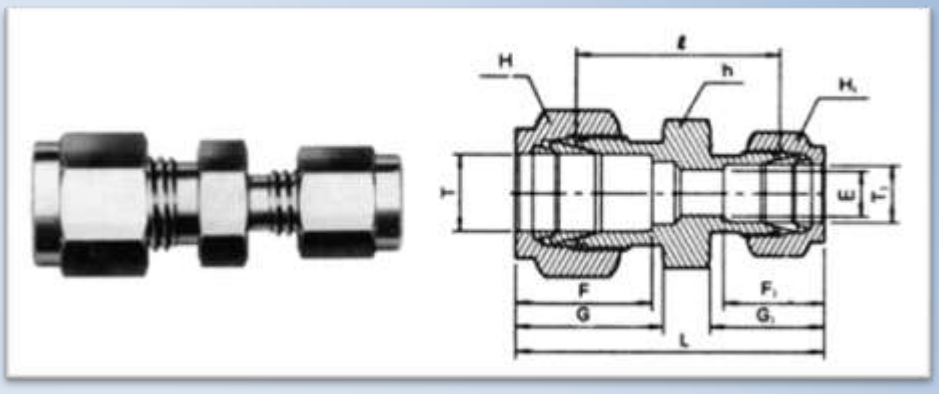
Part No.	Tube O.D. T mm	E mm	h mm	H mm	F	G	I	L
PUC-M03	3	2.4	9.5	12	12.9	15.3	15.7	22.3
PUC-M06	6	4.8	12.7	14	15.3	17.7	19.6	27.0
PUC-M08	8	6.4	14.3	16	16.2	18.6	21.3	28.8
PUC-M10	10	7.9	17.5	19	17.2	19.5	23.9	31.5
PUC-M12	12	9.5	20.6	22	22.8	22.0	25.9	36.0
PUC-M16	16	12.7	25.4	25	24.4	22.0	28.7	38.8
PUC-M18	18	15.1	27.0	30	24.4	22.0	29.7	39.8
PUC-M20	20	15.9	31.8	32	26.0	22.0	32.5	42.6
PUC-M25	25	21.8	36.0	38	31.3	22.0	36.8	49.1

IMPERIAL

Part No.	Tube O.D. T in	E Min	h in	H in	F	G	I	L
PUC-01	1/16	1.27	3/8	5/16	8.63	10.91	14.00	25.15
PUC-02	1/8	2.28	3/8	7/16	12.70	15.24	15.74	35.56
PUC-03	3/16	3.04	1/2	1/2	13.71	16.00	17.78	37.33
PUC-04	1/4	4.82	1/2	9/16	15.24	17.78	19.55	40.89
PUC-05	5/16	6.35	1/2	5/8	16.25	18.54	21.33	42.92
PUC-06	3/8	7.11	11/16	11/16	16.76	19.30	23.11	44.95
PUC-08	1/2	10.41	13/16	7/8	22.86	21.84	25.90	51.30
PUC-10	5/8	12.70	13/16	1	24.38	21.84	28.70	52.07
PUC-12	3/4	15.74	1	1-1/8	24.38	21.84	29.71	53.59
PUC-14	7/8	18.28	1-1/4	1-1/4	25.90	21.84	34.54	55.37
PUC-16	1	22.35	1-27/64	1-1/2	31.24	26.41	36.83	64.77

S. S. TUBE FITTINGS

PRU REDUCING UNION



METRIC | IMPERIAL

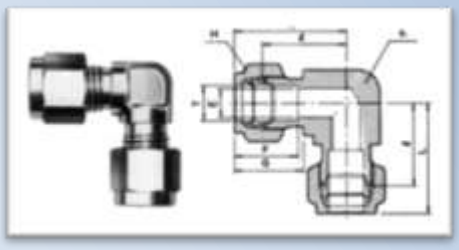
METRIC

Part No.	Tube O.D.		E mm	h mm	H mm	H_1mm	F	F_1	G	G_1	I	L
	T mm	T_1 mm										
PRU-M06-03	6	3	2.4	14	14	12	15.3	12.9	17.7	15.3	24.6	38.6
PRU-M06-04	6	4	2.4	14	14	12	15.3	13.7	17.7	16.1	25.4	39.4
PRU-M08-06	8	6	4.8	15	16	14	16.2	15.3	18.6	17.7	27.4	42.3
PRU-M10-06	10	6	4.8	18	19	14	17.2	15.3	19.5	17.7	29.5	44.5
PRU-M10-08	10	8	6.4	18	19	16	17.2	16.2	19.5	18.6	30.0	45.1
PRU-M12-06	12	6	4.8	22	22	14	22.8	15.3	22.0	17.7	29.5	47.0
PRU-M-12-08	12	8	6.4	22	22	16	22.8	16.2	22.0	18.6	30.2	47.8
PRU-M12-10	12	10	7.9	22	22	19	22.8	17.2	22.0	19.5	31.0	48.7
PRU-M16-12	16	12	9.5	24	25	22	24.4	22.8	22.0	22.0	31.8	52.0
PRU-M25-18	25	18	15.1	35	38	30	31.3	24.4	26.5	22.0	38.6	61.0
PRU-M25-20	25	20	15.9	35	38	32	31.3	26.0	26.5	22.0	39.9	62.3

IMPERIAL

Part No.	Tube O.D.		E Min	h in	H in	H_1 in	F	F_1	G	G_1	I	L
	T in	T_1 in										
PRU-02-01	1/8	1/6	1.27	7/16	7/16	5/16	12.7	8.63	15.24	10.92	20.60	30.91
PRU-03-02	3/16	1/8	2.28	7/16	1/2	7/16	13.71	12.70	16.00	15.24	23.36	36.57
PRU-04-02	1/4	1/8	2.28	1/2	9/16	7/16	15.24	12.70	17.78	15.24	24.63	38.60
PRU-04-03	1/4	3/16	3.04	1/2	9/16	1/2	15.24	13.71	17.78	16.00	25.40	39.37
PRU-05-02	5/16	1/8	2.28	9/16	5/8	7/16	16.25	12.70	18.54	15.24	25.90	39.87
PRU-05-04	5/16	1/4	4.82	9/16	11/16	9/16	16.25	15.24	18.54	17.78	27.43	42.16
PRU-06-02	3/8	1/8	2.28	5/8	11/16	7/16	16.76	12.70	19.30	15.24	26.92	40.89
PRU-06-04	3/8	1/4	4.82	5/8	11/16	9/16	16.76	15.24	19.30	17.78	28.44	43.18
PRU-06-05	3/8	5/16	6.35	5/8	7/8	5/8	16.76	16.25	19.30	18.54	29.46	44.19
PRU-08-02	1/2	1/8	2.28	13/16	7/8	7/16	22.86	12.70	21.84	15.24	28.44	45.21
PRU-08-04	1/2	1/4	4.82	13/16	7/8	9/16	22.86	15.24	21.84	17.78	29.46	46.99
PRU-08-06	1/2	3/8	7.11	13/16	1	11/16	22.86	16.76	17.78	19.30	30.98	48.51
PRU-10-06	5/8	3/8	7.11	15/16	1	11/16	24.38	16.76	21.84	19.30	31.75	49.27
PRU-10-08	5/8	1/2	10.41	15/16	1-1/8	7/8	24.38	22.86	21.84	21.84	31.75	52.07
PRU-12-04	3/4	1/4	12.70	1-1/16	1-1/8	9/16	24.38	15.24	21.84	17.78	31.75	49.27
PRU-12-06	3/4	3/8	7.11	1-1/16	1-1/8	11/16	24.38	16.76	21.84	19.30	33.27	50.80
PRU-12-08	3/4	1/2	10.41	1-1/16	1-1/8	7/8	24.38	22.86	21.84	21.84	33.27	53.59
PRU-12-10	3/4	5/8	12.70	1-1/16	1-1/8	1	24.38	24.38	21.84	21.84	33.27	53.59
PRU-16-08	1	1/2	10.41	1-3/8	1-1/2	7/8	31.24	22.86	26.41	21.84	40.89	63.24
PRU-16-12	1	3/4	19.05	1-3/8	1-1/2	1-1/8	31.24	24.38	26.41	21.84	40.38	62.73

S. S. TUBE FITTINGS PEU ELBOW UNION



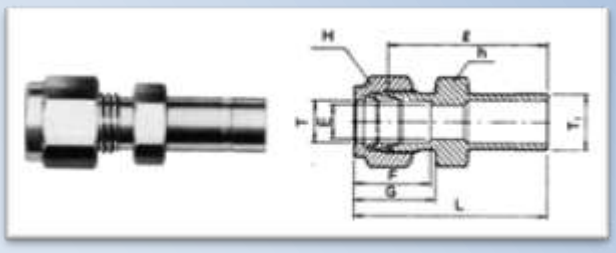
METRIC

Part No.	Tube O.D. T mm	E mm	h mm	H mm	F	G	I	L
PEU - M 02	2	1.7	9.5	12	12.9	15.3	15.7	22.3
PEU - M 03	3	2.4	9.5	12	12.9	15.3	15.7	22.3
PEU - M 04	4	2.4	12.7	12	13.7	16.4	18.8	25.4
PEU - M 06	6	4.8	12.7	14	15.3	17.7	19.6	27.0
PEU - M 08	8	6.4	14.3	16	16.2	18.6	21.3	28.8
PEU - M 10	10	7.9	17.5	19	17.2	19.5	23.9	31.5
PEU - M 12	12	9.5	20.6	22	22.8	22.0	25.9	36.0
PEU - M 15	15	11.9	25.4	25	24.4	22.0	28.7	38.8
PEU - M 16	16	12.7	25.4	25	24.4	22.0	28.7	38.8
PEU - M 18	18	15.1	27.0	30	24.4	22.0	29.7	39.8
PEU - M 20	20	15.9	31.8	32	26.0	22.0	32.5	42.6
PEU - M 22	22	18.3	31.8	32	26.0	22.0	32.5	42.6
PEU - M 25	25	21.8	36.0	38	31.3	26.5	36.8	49.1

IMPERIAL

Part No.	Tube O.D. T in	E Min	h in	H in	F	G	I	L
PEU-01	1/16	1.27	3/8	5/16	8.63	10.92	14.00	17.88
PEU-02	1/8	2.28	3/8	7/16	12.70	15.24	15.74	22.35
PEU-03	3/16	3.04	1/2	1/2	13.71	16.00	17.78	24.38
PEU-04	1/4	4.82	1/2	9/16	15.24	17.78	19.55	26.92
PEU-05	5/16	6.35	9/16	5/8	16.25	18.54	21.33	28.70
PEU-06	3/8	7.11	5/8	11/16	16.76	19.30	23.11	30.48
PEU-08	1/2	10.41	13/16	7/8	22.86	21.84	25.90	36.06
PEU-10	5/8	12.70	15/16	1	24.38	21.84	28.70	38.80
PEU-12	3/4	15.74	1-1/16	1-1/8	24.38	21.84	29.71	39.87
PEU-14	7/8	18.28	1-1/4	1-1/4	25.90	21.84	34.54	44.70
PEU-16	1	22.35	1-27/64	1-1/2	31.24	26.41	36.83	49.02

S. S. TUBE FITTINGS PR REDUCER



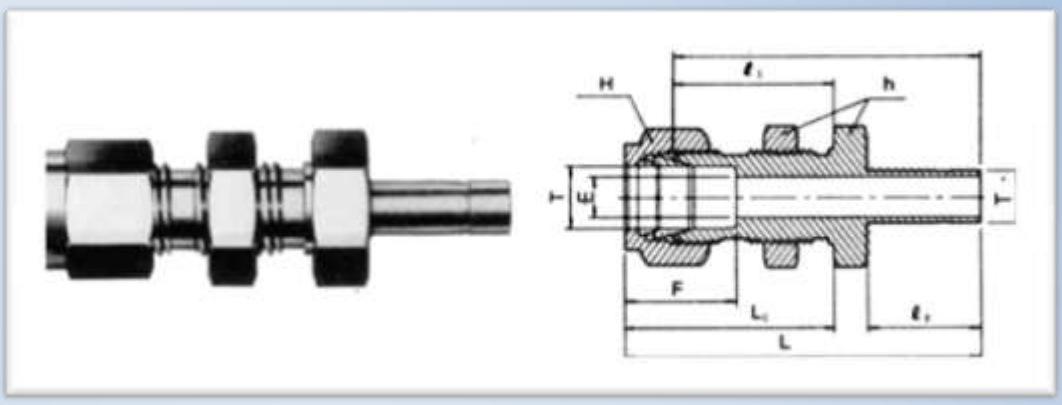
METRIC | IMPERIAL

METRIC

Part No.	Tube O.D.		E mm	h mm	H mm	F	G	I	L
	T mm	T_1mm							
PR-M03-M04	3	4	2.4	12	12	12.9	15.3	28.4	35.0
PR-M03-M06	3	6	2.4	12	12	12.9	15.3	29.5	36.1
PR-M03-M10	3	10	2.4	12	12	12.9	15.3	31.8	38.4
PR-M04-M06	4	6	2.4	12	12	13.7	16.1	30.5	37.1
PR-M06-M03	6	3	1.8	14	14	15.3	17.7	29.5	36.9
PR-M06-M08	6	8	4.8	14	14	15.3	17.7	32.5	39.9
PR-M06-M10	6	10	4.8	14	14	15.3	17.7	33.3	40.7
PR-M06-M12	6	12	4.8	14	14	15.3	17.7	28.9	46.3
PR-M08-M06	8	6	4.6	15	16	16.2	18.6	32.8	40.3
PR-M08-M10	8	10	6.4	15	16	16.2	18.6	34.5	42.0
PR-M08-M12	8	12	6.4	15	16	16.2	18.6	40.1	47.6
PR-M10-M06	10	6	4.6	18	19	17.2	19.5	34.8	42.4
PR-M10-M12	10	12	7.9	18	19	17.2	19.5	42.2	49.8
PR-M10-M15	10	15	7.9	18	19	17.2	19.5	43.7	51.3
PR-M10-M18	10	18	7.9	19	19	17.2	19.5	43.7	51.3
PR-M12-M06	12	6	4.6	22	22	22.8	22.0	34.8	44.9
PR-M12-M10	12	10	7.7	22	22	22.8	22.0	36.6	46.7
PR-M12-M16	12	16	9.5	22	22	22.8	22.0	43.7	53.8
PR-M12-M18	12	18	9.5	22	22	22.8	22.0	43.7	53.8
PR-M12-M20	12	20	9.5	22	22	22.8	22.0	46.0	56.1
PR-M12-M22	12	22	9.5	24	22	22.8	22.0	46.0	56.1
PR-M12-M25	12	25	9.5	27	22	22.8	22.0	52.3	62.4
PR-M16-M12	16	12	9.1	24	25	24.4	22.0	42.9	53.0
PR-M18-M12	18	12	9.1	27	30	24.4	22.0	44.5	54.6
PR-M18-M16	18	16	12.7	27	30	24.4	22.0	46.0	56.1
PR-M18-M20	18	20	15.1	27	30	24.4	22.0	47.5	57.6
PR-M18-M22	18	22	15.1	27	30	24.4	22.0	47.5	57.6
PR-M18-M25	18	25	15.1	27	30	24.4	22.0	52.3	62.4
PR-M20-M16	20	16	12.7	30	32	24.4	22.0	47.8	57.9
PR-M20-M18	20	18	13.9	30	32	26.0	22.0	47.8	57.9
PR-M20-M22	20	22	15.8	30	32	26.0	22.0	49.3	59.4
PR-M20-M25	20	25	15.8	30	32	26.0	22.0	54.1	64.2
PR-M22-M18	22	18	13.9	30	32	26.0	22.0	47.8	57.9
PR-M22-M20	22	20	15.1	30	32	26.0	22.0	49.3	59.4
PR-M22-M25	22	25	18.3	30	32	26.0	22.0	54.1	64.2
PR-M25-M18	25	18	13.9	35	38	31.3	26.5	50.8	63.1
PR-M25-M20	25	20	15.1	35	38	31.3	26.5	52.3	64.6

S. S. TUBE FITTINGS

PBR BULKHEAD REDUCER



METRIC | IMPERIAL

METRIC

Part No.	Tube O.D. T in	E Min	h in	H in	F	l	l_1	l_2	L	L_1	Panel Hole DrillSize	Max Panel Thickness
PBR-02-02	1/8	2.03	1/2	7/16	12.70	42.92	24.63	13.46	49.53	31.24	8.33	12.70
PBR-04-04	1/4	4.82	5/8	9/16	15.24	48.51	26.16	15.74	55.88	33.52	11.50	10.16
PBR-06-06	3/8	7.11	3/4	11/16	16.76	53.84	29.46	17.52	61.21	36.83	14.68	11.17
PBR-08-08	1/2	10.41	15/16	7/8	22.86	62.73	31.75	23.11	72.89	41.91	19.44	12.70

IMPERIAL

Part No.	Tube O.D. T in	E Min	h in	H in	F	l	l_1	l_2	L	L_1	Panel Hole DrillSize	Max Panel Thickness
PBR-02-02	1/8	2.03	1/2	7/16	12.70	42.92	24.63	13.46	49.53	31.24	8.33	12.70
PBR-04-04	1/4	4.82	5/8	9/16	15.24	48.51	26.16	15.74	55.88	33.52	11.50	10.16
PBR-06-06	3/8	7.11	3/4	11/16	16.76	53.84	29.46	17.52	61.21	36.83	14.68	11.17
PBR-08-08	1/2	10.41	15/16	7/8	22.86	62.73	31.75	23.11	72.89	41.91	19.44	12.70

S. S. TUBE FITTINGS PTC TUBE CAP



METRIC | IMPERIAL

METRIC

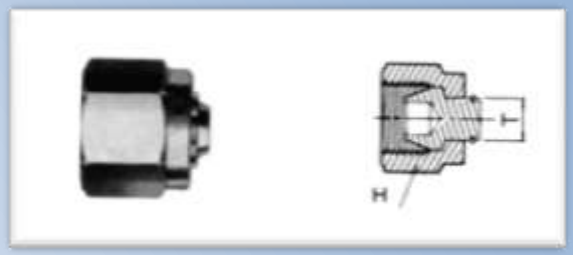
Part No.	Tube O.D. T mm	h mm	H mm	F	G	l	L
PTC-M02	2	12	12	12.9	15.3	13.5	20.1
PTC-M03	3	12	12	12.9	15.3	13.5	20.1
PTC-M04	4	12	12	13.7	16.1	14.7	21.3
PTC-M06	6	14	14	15.3	17.7	15.7	23.1
PTC-M08	8	15	16	16.2	18.6	17.0	24.5
PTC-M10	10	18	19	17.2	19.5	19.0	26.6
PTC-M12	12	22	22	22.8	22.0	19.0	29.1
PTC-M15	15	24	25	24.4	22.0	19.8	29.9
PTC-M16	16	24	25	24.4	22.0	19.8	29.9
PTC-M18	18	27	30	24.4	22.0	21.3	31.4
PTC-M20	20	30	32	26.0	22.0	23.9	34.0
PTC-M22	22	30	32	26.0	22.0	23.9	34.0
PTC-M25	25	35	38	31.3	26.5	26.2	38.5

IMPERIAL

Part No.	Tube O.D. T in	h in	H in	F	G	l	L
PTC-02	1/16	5/16	5/16	8.63	10.92	11.20	14.18
PTC-03	1/8	7/16	7/16	15.24	15.24	13.46	20.06
PTC-03	3/16	7/16	1/2	13.71	16.00	14.73	21.33
PTC-04	1/4	1/2	9/16	15.24	17.78	16.00	23.36
PTC-05	5/16	9/16	5/8	16.25	18.54	17.01	24.38
PTC-06	3/8	5/8	11/16	16.76	19.30	18.28	25.65
PTC-08	1/2	13/16	7/8	22.86	21.84	19.05	29.21
PTC-10	5/8	15/16	1	24.38	21.84	19.81	29.97
PTC-12	3/4	1-1/16	1-1/8	24.38	21.84	21.33	31.49
PTC-14	7/8	1-3/16	1-1/4	25.90	21.84	23.87	34.03
PTC-16	1	1-3/8	1-1/2	31.24	26.41	26.16	38.35

S. S. TUBE FITTINGS

PP TUBE PLUG



METRIC | IMPERIAL

METRIC

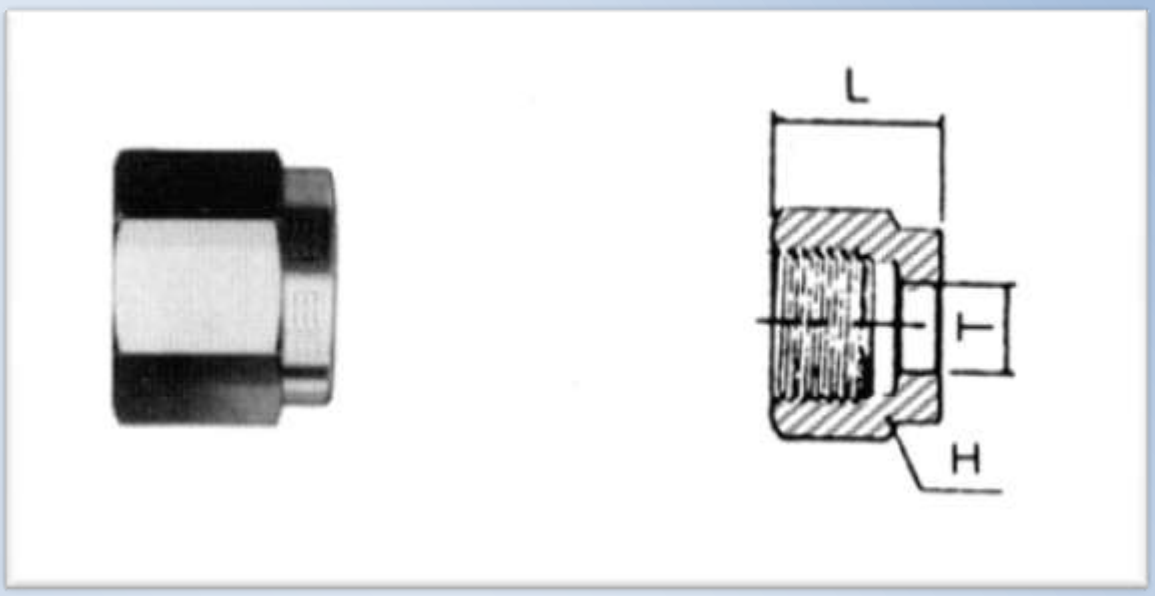
Part No.	Tube O.D.T mm	H mm
PTP-M02	2	12
PTP-M03	3	12
PTP-M04	4	12
PTP-M06	6	14
PTP-M08	8	16
PTP-M10	10	19
PTP-M12	12	22
PTP-M15	15	25
PTP-M16	16	25
PTP-M18	18	30
PTP-M20	20	32
PTP-M22	22	32
PTP-M25	25	38

IMPERIAL

Part No.	Tube O.D. T in	H in
PTP-02	1/8	7/16
PTP-03	3/16	1/2
PTP-04	1/4	9/16
PTP-05	5/16	5/8
PTP-06	3/8	11/16
PTP-08	1/2	7/8
PTP-10	5/8	1
PTP-12	3/4	1-1/8
PTP-14	7/8	1-1/4
PTP-16	1	1-1/2

S. S. TUBE FITTINGS

PN NUT



METRIC | IMPERIAL

METRIC

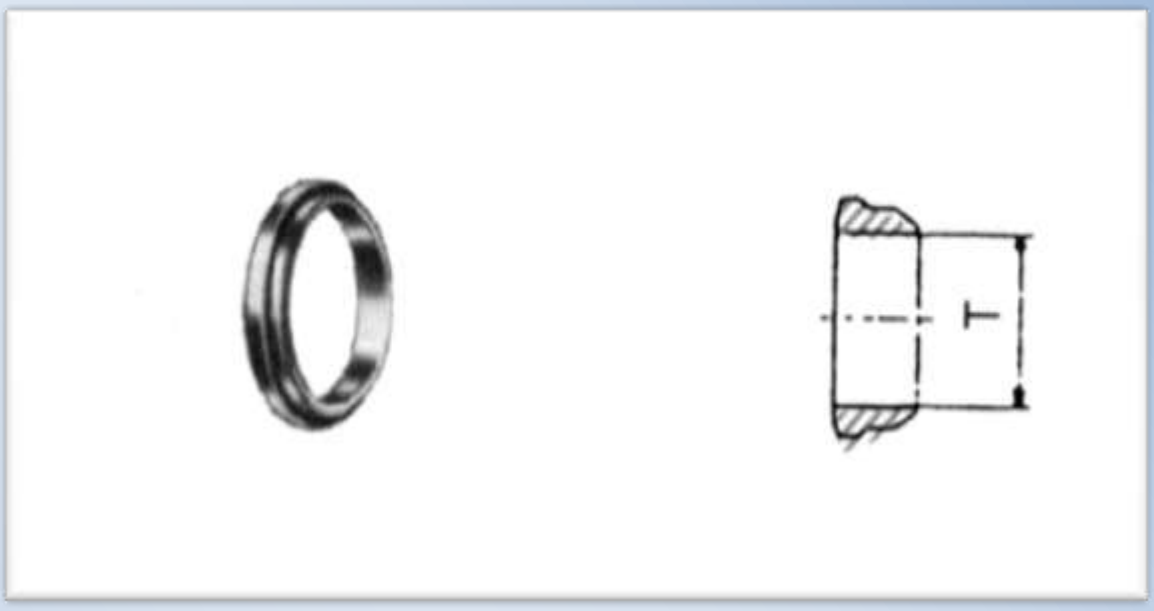
Part No.	Tube O.D. T mm	H mm	L
PN-M03	3	12	11.9
PN-M04	4	12	11.9
PN-M06	6	14	12.7
PN-M08	8	16	13.5
PN-M10	10	19	15.1
PN-M12	12	22	17.4
PN-M15	15	25	17.4
PN-M16	16	25	17.4
PN-M18	18	30	17.4
PN-M20	20	32	17.4
PN-M22	22	32	17.4
PN-M25	25	38	20.6

IMPERIAL

Part No.	Tube O.D. T in	H in	L
PN-01	1/16	5/16	7.93
PN-02	1/8	7/16	11.93
PN-03	3/16	1/2	11.93
PN-04	1/4	9/16	12.70
PN-05	5/16	5/8	13.46
PN-06	3/8	11/16	14.22
PN-08	1/2	7/8	17.52
PN-10	5/8	1	17.52
PN-12	3/4	1-1/8	17.52
PN-14	7/8	1-1/4	17.52
PN-16	1	1-1/2	20.57

S. S. TUBE FITTINGS

PBF BACK FERRULE



METRIC | IMPERIAL

METRIC

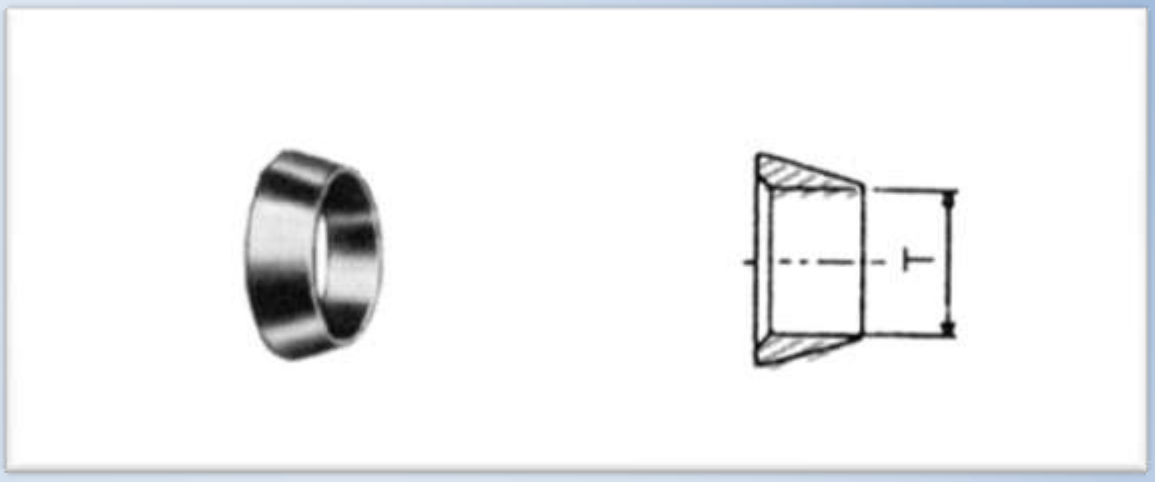
Part No.	Tube O.D. T mm
PBF-M02	2
PBF-M03	3
PBF-M04	4
PBF-M06	6
PBF-M08	8
PBF-M10	10
PBF-M12	12
PBF-M15	15
PBF-M16	16
PBF-M18	18
PBF-M20	20
PBF-M22	22
PBF-M25	25

IMPERIAL

Part No.	Tube O.D. T in
PBF-01	1/16
PBF-02	1/8
PBF-03	3/16
PBF-04	1/4
PBF-05	5/16
PBF-06	3/8
PBF-08	1/2
PBF-10	5/8
PBF-12	3/4
PBF-14	7/8
PBF-16	1

S. S. TUBE FITTINGS

PFF FRONT FERRULE



METRIC | IMPERIAL

METRIC

Part No.	Tube O.D. T mm
PFF-M02	2
PFF-M03	3
PFF-M04	4
PFF-M06	6
PFF-M08	8
PFF-M10	10
PFF-M12	12
PFF-M15	15
PFF-M16	16
PFF-M18	18
PFF-M20	20
PFF-M22	22
PFF-M25	25

IMPERIAL

Part No.	Tube O.D. T in
PFF-01	1/16
PFF-02	1/8
PFF-03	3/16
PFF-04	1/4
PFF-05	5/16
PFF-06	3/8
PFF-08	1/2
PFF-10	5/8
PFF-12	3/4
PFF-14	7/8
PFF-16	1