

Tube Fittings



- Sizes: Fractional: 1/16" - 1" And 2mm to 25mm
- Pressure Ratings: 6000 PSI,
- NPT, ISO/BSP, and SAE threads
- Stainless Steel (316L, 316, 304, 304L),
Brass, Carbon Steel, Monel, Inconel

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Posi-Lok Tube Fittings

Materials:

Posi-Lok twin ferrule tube fittings shown in this catalogue are manufactured from materials conforming to the chemical and mechanical requirement of the standards in the table below.

Material	Bar Stock	Bar Stock
Stainless Steel (316 & 304)	ASTM-A-276 ASTM-A-479 BS-970 DIN-4401	ASTM-A-182, BS-970 DIN-4401
Brass	ASTM-B-16 ASTM-B453 BS-2874	ASTM-B-124 BS-2872
Steel	ASTM-A-108	ASTM-A576
Monel	ASTM-B-164 BS-3076	ASTM-B-164 BS-3076

Material availability in fittings on request

Titanium, Hastelloy C, duplex material and other exotic Material on request.

MATERIAL CODE :

The following symbols are used to indicate different types of material.

S = 316SS/316L
S304 = 304SS
CS = CARBON STEEL
M = MONEL 400
B = BRASS

NOTES: -

This catalogue mainly covers twin ferrule type S.S. 316/304 tube fittings for imperial as well as metric tubing with NPT threads as per ANSI B1.20.1 (wherever applicable). Based on requirement, fittings in other material like carbon steel, brass or monel and with BSPT/BSPP threads can also be supplied.

Most widely used sizes of tube fittings have been covered in this catalogue but other sizes can also be supplied on demand. The dimensions given in this catalogue are nominal dimensions of fittings in hand tight position.

Posi-Lok tube fittings manufacturing process is precisely controlled by well established/approved quality assurance program. Controlled tolerances and surface finishes guarantee leak proof tubing connections in high pressure and vacuum applications

Posi-Lok Tube Fittings

HOW TO ORDER

Posi-Lok tube fittings are ordered by the part numbers system listed below

This may be noted that the part number mentioned in this catalogue does not indicate the material of fittings which should be indicated while ordering the fittings. Fittings being supplied based on part number includes body of fittings, back ferrule and front ferrule.

Size: Imperial tube and pipe thread sizes are designated by the number of sixteenth of an inch

e. g. 1/2" Tube = $8/16 + 8, 3/8" \text{ NPT} = 6/16 = 6$.

Metric tube is designated in millimeters and prefixed "M".

e. g. 12 mm tube = M12. The thread size is written in the way as in case of imperial tubing.

FITTING TYPE

A letter or combination of letters are used to designate the type of fittings.

e. g. MC = Male Connector

CODES FOR THREAD TYPE

N = NPT (ANSI B.20.1)
RT = BSP TAPERED THREADS
RS = BSP STRAIGHT THREADS

PART NUMBER

Posi-Lok tube fitting part numbers are constructed from the symbols that identify the size, type of fitting and material used.

Example:

a) 3/8" OD x 1/2 NPT SS 316 Male Connector

All part numbers begin with the letter P

6	MC	8	N	316
TUBE O. D. 3/8"	TYPE MALE CONNECTOR	THREAD SIZE 1/2"	THREAD TYPE NPT	S. S. 316

Part Number: P6MC8N-S

a) 3/8" OD x 1/2" MNPT, SS 316, Male Connector

M10	FC	3/8"	N	316
TUBE O. D. 10mm	TYPE FEMALE CONNECTOR	THREAD SIZE 3/8"	THREAD TYPE NPT	MATERIAL S. S. 316

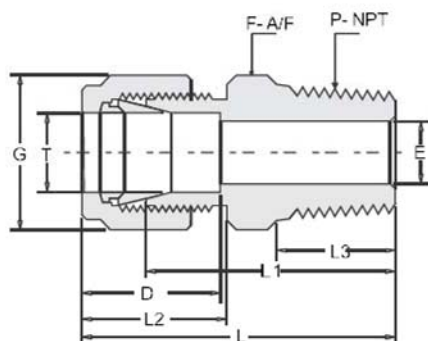
Part Number: P10MOFC6N-S

b) 10mm OD x 3/8" NPT, SS 316 - Female Connector

Posi-Lok Tube Fittings

MALE CONNECTOR

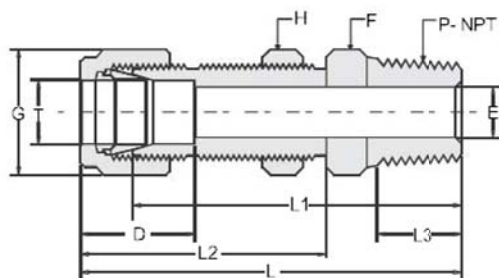
Units: Inch



T TUBE O.D.	P-NPT MALE THREAD	PART NUMBER	L	L1	L2	L3	D	E	F HEX FLAT	G HEX FLAT
1/16	1/16	P1MC1N-S	0.94	0.80	0.43	0.39	0.34	0.06	0.31	0.31
1/16	1/8	P1MC2N-S	1.03	0.88	0.43	0.39	0.34	0.06	0.44	0.31
1/8	1/8	P2MC2N-S	1.20	0.94	0.60	0.38	0.50	0.09	0.44	0.44
1/8	1/4	P2MC4N-S	1.40	1.14	0.60	0.56	0.50	0.09	0.56	0.56
1/4	1/8	P4MC2N-S	1.29	1.00	0.70	0.38	0.60	0.19	0.50	0.56
1/4	1/4	P4MC4N-S	1.49	1.20	0.70	0.56	0.60	0.19	0.56	0.56
1/4	3/8	P4MC6N-S	1.51	1.22	0.70	0.56	0.60	0.19	0.69	0.56
1/4	1/2	P4MC8N-S	1.76	1.47	0.70	0.75	0.60	0.19	0.88	0.56
3/8	1/4	P6MC4N-S	1.57	1.28	0.76	0.56	0.66	0.28	0.63	0.69
3/8	3/8	P6MC6N-S	1.57	1.28	0.76	0.56	0.66	0.28	0.69	0.69
3/8	1/2	P6MC8N-S	1.82	1.53	0.76	0.75	0.66	0.28	0.88	0.69
1/2	1/4	P8MC4N-S	1.71	1.31	0.86	0.56	0.90	0.28	0.81	0.88
1/2	3/8	P8MC6N-S	1.71	1.31	0.86	0.56	0.90	0.38	0.81	0.88
1/2	1/2	P8MC8N-S	1.93	1.53	0.86	0.75	0.90	0.41	0.88	0.88
1/2	3/4	P8MC12N-S	1.99	1.50	0.86	0.75	0.90	0.41	1.06	0.88
1/2	1	P8MC16N-S	2.25	1.85	0.86	0.75	0.90	0.41	1.38	0.88
3/4	1/2	P12MC8N-S	1.99	1.59	0.86	0.75	0.96	0.47	1.06	1.13
3/4	3/4	P12MC12N-S	1.99	1.59	0.86	0.75	0.96	0.62	1.06	1.13
3/4	1	P12MC16N-S	2.28	1.85	0.86	0.94	0.96	0.62	1.38	1.13
1	1/2	P16MC8N-S	2.27	1.78	1.05	0.75	1.23	0.47	1.38	1.25
1	3/4	P16MC12N-S	2.27	1.78	1.05	0.75	1.23	0.62	1.38	1.25
1	1	P16MC16N-S	2.46	1.97	1.05	0.94	1.23	0.88	1.38	1.25

BULK HEAD MALE CONNECTOR

Units: Inches

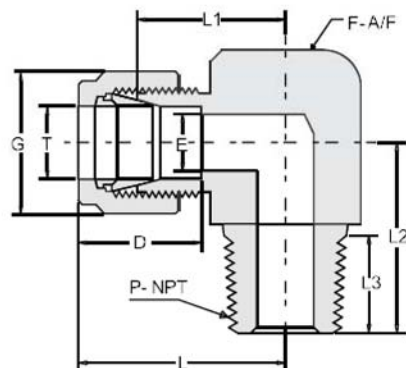


T TUBE O.D.	P-NPT MALE THREAD	PART NUMBER	L	L1	L2	L3	D	E	F HEX FLAT	G HEX FLAT	H HEX FLAT	PANEL HOLE
1/8	1/8	P2BMC2N-S	1.83	1.57	1.23	0.38	0.50	0.09	0.50	0.44	0.50	0.33
1/4	1/8	P4BMC2N-S	1.95	1.66	1.32	0.38	0.60	0.19	0.63	0.56	0.63	0.45
1/4	1/4	P4BMC4N-S	2.13	1.81	1.32	0.56	0.60	0.49	0.63	0.56	0.63	0.45
3/8	1/4	P6BMC4N-S	2.26	1.97	1.45	0.56	0.66	0.28	0.75	0.69	0.75	0.58
1/2	3/8	P8BMC6N-S	2.49	2.09	1.65	0.56	0.90	0.37	0.94	0.88	0.94	0.77
1/2	1/2	P8BMC8N-S	2.71	2.31	1.65	0.75	0.90	0.41	0.94	0.88	0.94	0.77

Posi-Lok Tube Fittings

MALE ELBOW

Units: Inches

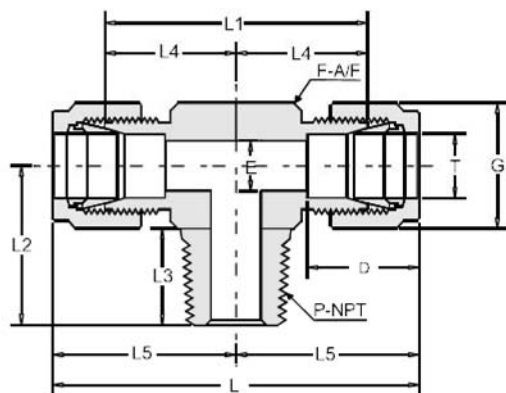


T TUBE O.D	P-NPT MALE THREAD	PART NUMBER	L	L1	L2	L3	D	E
1/16	1/8	P1ME2N-S	0.75	0.60	0.70	0.39	0.34	0.06
1/8	1/8	P2ME2N-S	0.93	0.67	0.70	0.38	0.50	0.09
1/8	1/4	P2ME4N-S	0.10	0.71	1.00	0.56	0.50	0.09
1/4	1/8	P4ME2N-S	1.08	0.77	0.76	0.38	0.60	0.19
1/4	1/4	P4ME4N-S	1.07	0.77	1.00	0.56	0.60	0.19
1/4	3/8	P4ME6N-S	1.17	0.88	1.13	0.56	0.60	0.19
1/4	1/2	P4ME8N-S	1.26	0.96	1.31	0.75	0.60	0.19
3/8	1/4	P6ME4N-S	1.20	0.91	1.01	0.56	0.66	0.28
3/8	3/8	P6ME6N-S	1.26	0.94	1.13	0.56	0.66	0.28
3/8	1/2	P6ME8N-S	1.32	1.02	1.31	0.75	0.66	0.28
1/2	1/4	P8ME4N-S	1.42	1.03	1.12	0.56	0.90	0.28
1/2	3/8	P8ME6N-S	1.42	1.03	1.12	0.56	0.90	0.38
1/2	1/2	P8ME8N-S	1.42	1.03	1.31	0.75	0.90	0.41
1/2	3/4	P8ME12N-S	1.52	1.17	1.50	0.75	0.90	0.41
3/4	1/2	P12ME8N-S	1.56	1.17	1.50	0.75	0.96	0.47
3/4	3/4	P12ME12N-S	1.56	1.17	1.50	0.75	0.96	0.62
1	3/4	P16ME16N-S	1.94	1.45	1.65	0.75	1.21	0.62
1	1	P16ME16N-S	1.94	1.45	1.84	0.94	1.21	0.88

Posi-Lok Tube Fittings

MALE BRANCH TEE

Units: Inches

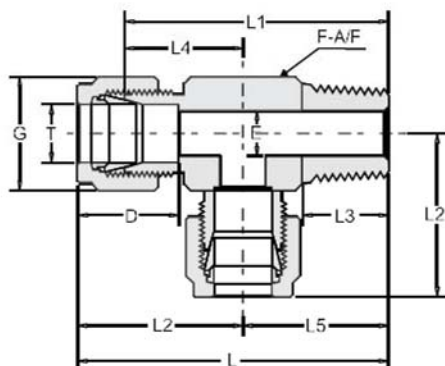


T TUBE O.D.	P-NPT MALE THREAD	PART NUMBER	L	L1	L2	L3	L4	L5	D	E	F WRENCH PAD	G HEX FLAT
1/8	1/8	P2MBT2N-S	1.86	1.34	0.70	0.38	0.67	0.92	0.50	0.09	0.44	0.44
1/8	1/4	P2MBT4N-S	1.94	1.42	0.92	0.56	0.71	0.98	0.85	0.09	0.50	0.44
1/4	1/8	P4MBT2N-S	2.12	1.54	0.74	0.38	0.77	1.06	0.60	0.19	0.50	0.50
1/4	1/4	P4MBT4N-S	2.12	1.54	0.92	0.56	0.77	1.07	0.60	0.19	0.50	0.56
3/8	1/4	P6MBT4N-S	2.40	1.82	1.00	0.56	0.91	1.20	0.66	0.28	0.63	0.63
3/8	3/8	P6MBT6N-S	2.62	2.04	1.11	0.56	1.02	1.31	0.66	0.28	0.81	0.69
1/2	3/8	P8MBT6N-S	2.84	2.04	1.11	0.56	1.02	1.42	0.90	0.38	0.81	0.88
1/2	1/2	P8MBT8N-S	2.84	2.04	1.30	0.75	1.02	1.43	0.90	0.41	0.81	0.88

Posi-Lok Tube Fittings

MALE RUN TEE

Units: Inches

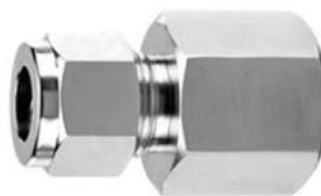
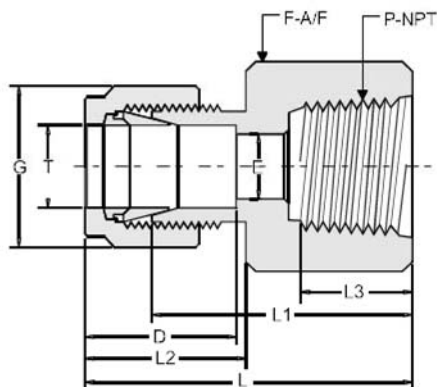


T TUBE O.D.	P-NPT MALE THREAD	PART NUMBER	L	L1	L2	L3	L4	L5	D	E	F WRENCH PAD	G HEX FLAT
1/8	1/8	P2MRT2N-S	1.63	1.37	0.93	0.38	0.67	0.70	0.50	0.90	0.44	0.44
1/8	1/4	P2MRT4N-S	1.89	1.63	0.98	0.56	0.71	0.92	0.50	0.90	0.50	0.44
1/4	1/8	P4MRT2N-S	1.80	1.51	1.06	0.38	0.77	0.74	0.60	0.19	0.50	0.56
1/4	1/4	P4MRT4N-S	1.98	1.69	1.07	0.56	0.77	0.92	0.60	0.19	0.50	0.56
3/8	1/4	P6MRT4N-S	2.20	1.91	1.20	0.56	0.91	1.00	0.66	0.28	0.63	0.69
3/8	3/8	P6MRT6N-S	2.42	2.13	1.31	1.56	1.02	1.11	0.86	0.28	0.63	0.69
1/2	3/8	P8MRT6N-S	2.53	2.13	1.42	0.56	1.02	1.11	0.90	0.38	0.81	0.88
1/2	1/2	P8MRT8N-S	2.72	2.32	1.43	0.75	1.02	1.30	0.90	0.41	0.81	0.88

Posi-Lok Tube Fittings

FEMALE CONNECTOR

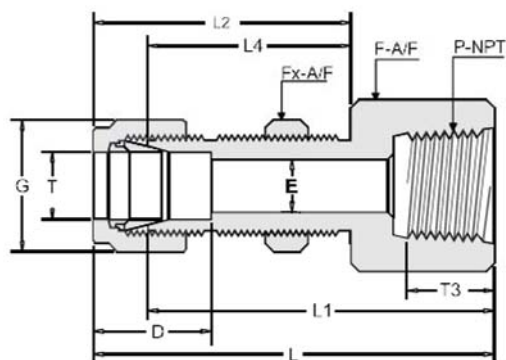
Units: Inches



T TUBE O.D.	P-NPT FEMALE THREAD	PART NUMBER	L	L1	L2	L3	D	E	F HEX FLAT	G HEX FLAT
1/16	1/8	P1FC2N-S	0.96	0.83	0.43	0.31	0.39	0.06	0.56	0.31
1/8	1/8	P2FC2N-S	1.13	0.87	0.60	0.41	0.50	0.09	0.56	0.44
1/8	1/4	P2FC4N-S	1.32	1.06	0.60	0.59	0.50	0.09	0.75	0.44
1/4	1/8	P4FC2N-S	1.23	0.94	0.70	0.38	0.60	0.19	0.56	0.56
1/4	1/4	P4FC4N-S	1.41	1.12	0.70	0.59	0.60	0.19	0.75	0.56
1/4	3/8	P4FC6N-S	1.48	1.19	0.70	0.59	0.60	0.19	0.88	0.56
1/4	1/2	P4FC8N-S	1.67	1.38	0.70	0.78	0.60	0.19	1.06	0.56
3/8	1/4	P6FC4N-S	1.48	1.19	0.76	0.59	0.66	0.28	0.75	0.69
3/8	3/8	P6FC6N-S	1.54	1.25	0.76	0.59	0.66	0.28	0.88	0.69
3/8	1/2	P6FC8N-S	1.73	1.44	0.76	0.78	0.66	0.28	1.06	0.69
1/2	1/4	P8FC4N-S	1.59	1.19	0.86	0.59	0.90	0.41	1.19	0.88
1/2	3/8	P8FC6N-S	1.65	1.25	0.86	0.59	0.90	0.41	0.88	0.88
1/2	1/2	P8FC8N-S	1.84	1.44	0.86	0.78	0.90	0.41	1.06	0.88
1/2	3/4	P8FC12N-S	1.90	1.50	0.86	0.81	0.90	0.41	1.31	0.88

BULK HEAD FEMALE CONNECTOR

Units: Inches

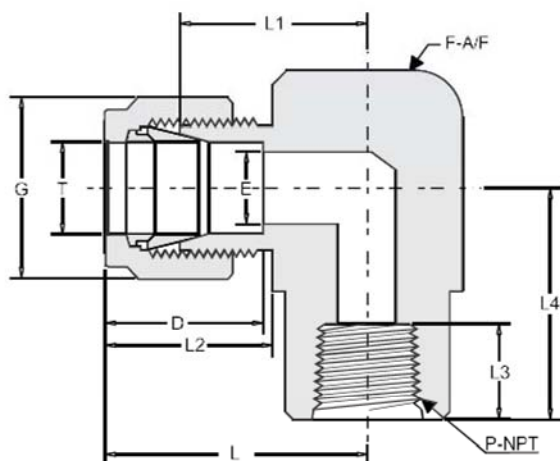


T TUBE O.D.	P-NPT FEMALE THREAD	PART NUMBR	L	L1	L2	L3	L4	D	E	F HEX FLAT	Fx HEX FLAT	G HEX FLAT	PANEL HOLE
1/8	1/8	P2BFC2N-S	1.76	1.5	1.23	0.41	0.97	0.5	0.09	0.59	0.59	0.44	0.33
1/4	1/8	P4BFC2N-S	1.85	1.56	1.31	0.41	1.03	0.6	0.19	0.63	0.63	0.56	0.45
1/4	1/4	P4BFC4N-S	2.04	1.75	1.31	0.59	1.03	0.6	0.19	0.75	0.63	0.56	0.45
3/8	1/4	P6BFC4N-S	2.17	1.88	1.44	0.59	1.16	0.66	0.28	0.75	0.75	0.69	0.58
1/2	3/8	P8BFC6N-S	2.43	2.03	1.65	0.59	1.25	0.9	0.41	0.94	0.94	0.88	0.77
1/2	1/2	P8BFC8N-S	2.62	2.22	1.65	0.78	1.25	0.9	0.41	1.06	0.94	0.88	0.77

Posi-Lok Tube Fittings

FEMALE ELBOW

Units: Inches

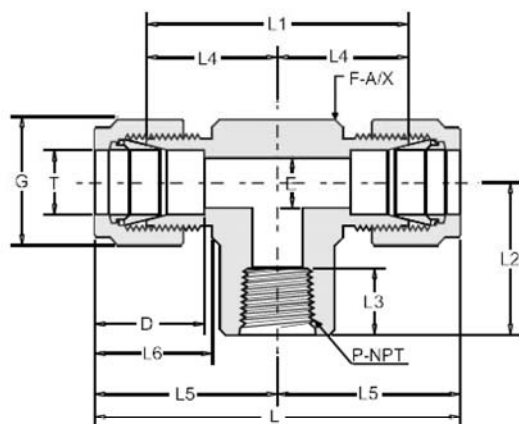


T TUBE O.D.	P-NPT FEMALE THREAD	PART NUMBER	L	L1	L2	L3	L4	D
1/8	1/8	P2FE2N-S	0.97	0.71	0.60	0.41	0.75	0.50
1/8	1/4	P2FE4N-S	1.08	0.62	0.60	0.59	0.88	0.50
1/4	1/8	P4FE2N-S	1.07	0.77	0.70	0.41	0.75	0.60
1/4	1/4	P4FE4N-S	1.17	0.88	0.70	0.59	0.88	0.60
1/4	3/8	P4FE6N-S	1.25	0.96	0.70	0.59	0.88	0.60
1/4	1/2	P4FE8N-S	1.35	1.07	0.70	0.78	1.12	0.60
3/8	1/8	P6FE2N-S	1.20	0.91	0.76	0.41	0.75	0.66
3/8	1/4	P6FE4N-S	1.23	0.94	0.76	0.59	0.88	0.66
3/8	3/8	P6FE6N-S	1.31	1.02	0.76	0.59	0.88	0.66
3/8	1/2	P6FE8N-S	1.42	1.13	0.76	0.78	1.12	0.66
1/2	1/4	P8FE4N-S	1.42	1.02	0.85	0.59	0.88	0.90
1/2	3/8	P8FE6N-S	1.43	1.02	0.86	0.59	0.88	0.90
1/2	1/2	P8FE8N-S	1.53	1.13	0.86	0.78	1.12	0.90
3/4	1/2	P12FE8N-S	1.57	1.17	0.86	0.78	1.12	0.96
3/4	3/4	P12FE12N-S	1.75	1.36	0.86	0.81	1.25	0.96
1	3/4	P16FE12N-S	1.93	1.45	1.04	0.81	1.25	1.23

Posi-Lok Tube Fittings

FEMALE BRANCH TEE

Units: Inches

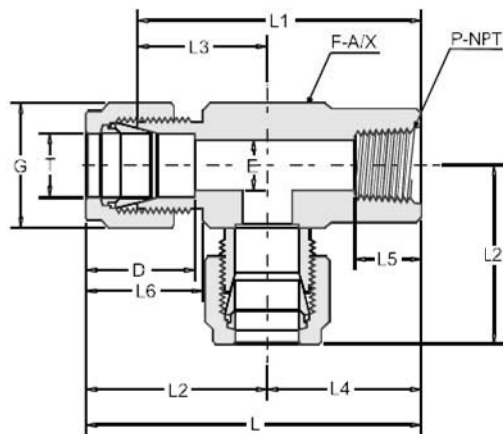


T TUBE O.D.	P-NPT FEMALE THREAD	PART NUMBER	L	L1	L2	L3	L4	L5	L6	D	E	F WRENCH PAD	G HEX FLAT
1/8	1/8	P2FBT2N-S	1.94	1.42	0.75	0.41	0.71	0.97	0.60	0.50	0.09	0.50	0.44
1/4	1/8	P4FBT2N-S	2.12	1.54	0.75	0.41	0.77	1.07	0.70	0.60	0.19	0.50	0.56
1/4	1/4	P4FBT4N-S	2.34	1.76	0.98	0.59	0.88	1.17	0.70	0.60	0.19	0.69	0.56
3/8	1/4	P6FBT4N-S	2.46	1.88	0.88	0.59	0.94	1.23	0.76	0.66	0.28	0.69	0.69
3/8	3/8	P6FBT6N-S	2.62	2.04	0.88	0.59	1.02	1.31	0.76	0.66	0.28	0.81	0.69
3/8	1/2	P6FBT8N-S	2.54	2.26	1.12	0.78	1.13	1.43	0.76	0.66	0.28	1.00	0.69
1/2	1/4	P8FBT4N-S	2.84	2.04	0.88	0.59	1.02	1.43	0.86	0.90	0.41	0.81	0.88
1/2	3/8	P8FBT6N-S	2.84	2.04	0.88	0.59	1.02	1.43	0.86	0.90	0.41	0.81	0.88
1/2	1/2	P8FBT8N-S	3.06	2.26	1.12	0.78	1.13	1.53	0.86	0.90	0.41	1.00	0.88
3/4	3/4	P12FBT12N-S	3.52	2.72	1.25	0.81	1.36	1.76	0.86	0.96	0.62	1.38	1.25
1	3/4	P16FBT12N-S	3.86	2.90	1.25	0.81	1.45	1.94	1.04	1.23	0.88	1.38	1.50

Posi-Lok Tube Fittings

FEMALE RUN TEE

Units: Inches

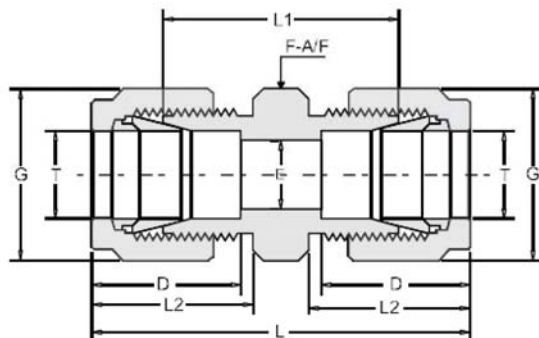


T TUBE O.D.	P-NPT FEMALE THREAD	PART NUMBER	L	L1	L2	L3	L4	L5	L6	D	E	F WRENCH PAD	G HEX FLAT
1/8	1/8	P2FRT2N-S	1.72	1.46	0.97	0.41	0.71	0.75	0.60	0.50	0.09	0.50	0.44
1/4	1/8	P4FRT2N-S	1.81	1.52	1.01	0.41	0.77	0.75	0.70	0.60	0.19	0.50	0.56
1/4	1/4	P4FRT4N-S	2.05	1.76	1.17	0.59	0.88	0.88	0.70	0.60	0.19	0.69	0.56
3/8	1/4	P6FRT4N-S	2.11	1.82	1.23	0.59	0.94	0.88	0.76	0.66	0.28	0.69	0.69
1/2	3/8	P8FRT6N-S	2.30	1.90	1.42	0.59	1.02	0.88	0.86	0.90	0.41	0.81	0.88
1/2	1/2	P8FRT8N-S	2.69	2.29	1.57	0.78	1.17	1.12	0.86	0.90	0.41	1.00	0.88
3/4	3/4	P12FRT12N-S	3.04	2.61	1.76	0.81	1.36	1.25	0.86	0.96	0.61	1.38	1.25
1	3/4	P16FRT12N-S	3.18	2.70	1.93	0.81	1.46	1.25	1.04	1.23	0.88	1.38	1.50

Posi-Lok Tube Fittings

UNION

Units: Inches

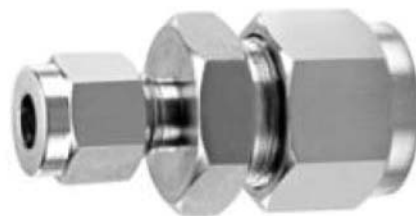
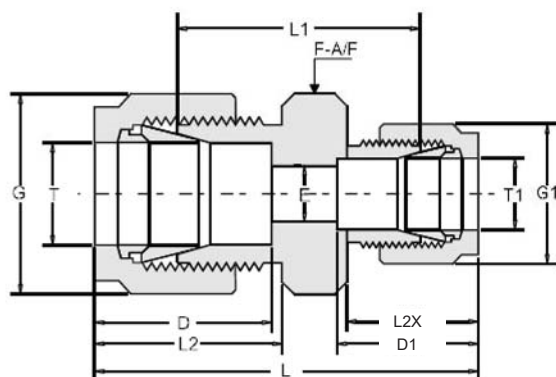


T TUBE O.D.	PART NUMBER	L	L1	L2	D	E	F HEX FLAT	G HEX FLAT
1/16	P1UN-S	0.99	0.75	0.43	0.34	0.06	0.31	0.31
1/8	P2U-S	1.40	0.88	0.60	0.50	0.09	0.44	0.44
1/4	P4U-S	1.61	1.03	0.70	0.60	0.19	0.50	0.56
3/8	P6U-S	1.77	1.19	0.76	0.66	0.28	0.63	0.69
1/2	P8U-S	2.02	1.22	0.86	0.90	0.41	0.81	0.88
3/4	P12U-S	2.11	1.31	0.86	0.96	0.61	1.06	1.13
1	P16U-S	2.55	1.59	1.05	1.02	0.86	1.38	1.50

Posi-Lok Tube Fittings

REDUCING UNION

Units: Inches

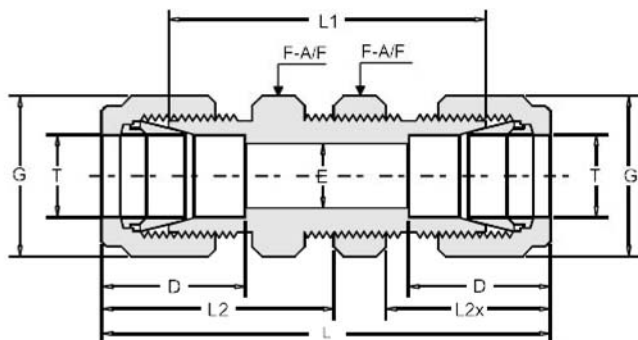


T TUBE O.D.	T1 TUBE O.D.	PART NUMBER	L	L1	L2	L2X	D	D1	E	F HEX FLAT	G HEX FLAT	G1 HEX FLAT
1/16	1/8	P1RU2-S	1.22	0.86	0.60	0.43	0.50	0.34	0.06	0.44	0.44	0.31
1/4	1/8	P4RU2-S	1.52	0.97	0.70	0.60	0.60	0.50	0.09	0.50	0.56	0.44
3/8	1/8	P6RU2-S	1.61	1.06	0.76	0.60	0.66	0.50	0.09	0.63	0.69	0.44
3/8	1/4	P6RU4-S	1.71	1.13	0.76	0.70	0.66	0.60	0.19	0.63	0.69	0.56
1/2	1/8	P8RU2-S	1.78	1.09	0.86	0.60	0.90	0.50	0.09	0.81	0.88	0.44
1/2	1/4	P8RU4-S	1.85	1.16	0.86	0.70	0.90	0.60	0.19	0.81	0.88	0.56
1/2	3/8	P8RU6-S	1.91	1.22	0.86	0.76	0.90	0.66	0.28	0.81	0.88	0.69
3/4	1/4	P12RU4-S	1.95	1.25	0.86	0.70	0.96	0.60	0.19	1.06	1.13	0.56
3/4	3/8	P12RU6-S	2.00	1.31	0.86	0.76	0.96	0.66	0.28	1.06	1.13	0.69
3/4	1/2	P12RU8-S	2.11	1.31	0.86	0.86	0.96	0.90	0.41	1.06	1.13	0.88
1	1/2	P16RU8-S	2.49	1.81	1.05	0.86	1.23	0.90	0.41	1.38	1.25	0.88
1	3/4	P16RU12-S	2.47	1.59	1.05	0.86	1.23	0.96	0.62	1.38	1.50	1.13

Posi-Lok Tube Fittings

BULKHEAD UNION

Units: Inches

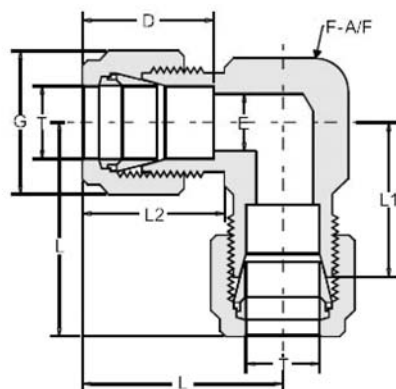


T TUBE O.D.	PART NUMBER	L	L1	L2	L2X	D	E	R HEX FLAT	G HEX FLAT	PANEL HOLE	MAX PANEL THICKNESS
1/8	P2BU-S	2.02	1.50	1.23	0.60	0.50	0.09	0.50	0.44	0.33	0.50
1/4	P4BU-S	2.27	1.69	1.31	0.70	0.60	0.19	0.63	0.56	0.46	0.54
3/8	P6BU-S	2.45	1.87	1.45	0.76	0.56	0.28	0.75	0.69	0.58	0.56
1/2	P8BU-S	2.80	2.00	1.85	0.86	0.90	0.41	0.94	0.88	0.77	0.60
3/4	P12BU-S	3.11	2.31	1.87	0.86	0.96	0.50	1.19	1.13	1.06	0.79
1	P16BU-S	3.77	2.81	2.27	1.04	1.23	0.88	1.63	1.50	1.33	0.94

Posi-Lok Tube Fittings

UNION ELBOW

Units: Inches

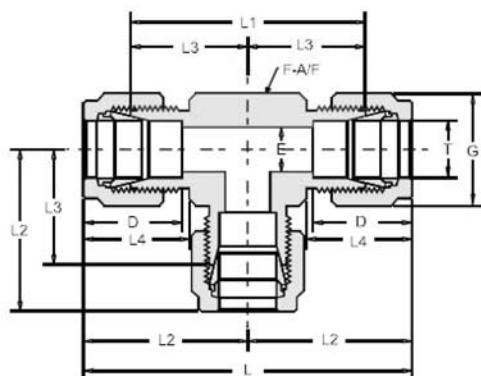


T TUBE O.D.	PART NUMBER	L	L1	L2	D	E	F WRENCH PAD	G HEX FLAT
1/8	P2UE-S	0.88	0.62	0.60	0.50	0.09	0.38	0.44
1/4	P4UE-S	1.06	0.77	0.7	0.60	0.20	0.50	0.56
3/8	P6UE-S	1.20	0.91	0.76	0.66	0.28	0.63	0.69
1/2	P8UE-S	1.42	1.02	0.86	0.90	0.41	0.81	0.88
3/4	P12UE-S	1.57	1.17	0.86	0.96	0.62	1.06	1.13
1	P16UE-S	1.83	1.45	1.04	1.23	0.88	1.38	1.50

Posi-Lok Tube Fittings

UNION TEE

Units: Inches

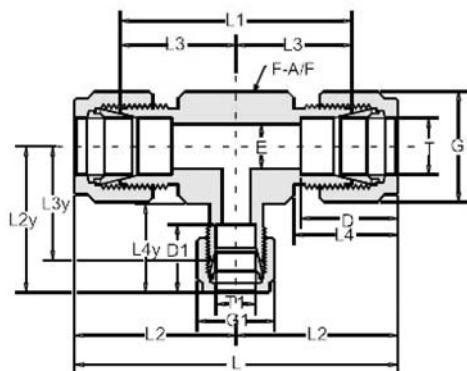


T TUBE O.D.	PART NUMBER	L	L1	L2	D	E	F WRENCH PAD	G HEX FLAT
1/8	P2UE-S	0.88	0.62	0.60	0.50	0.09	0.38	0.44
1/4	P4UE-S	1.06	0.77	0.7	0.60	0.20	0.50	0.56
3/8	P6UE-S	1.20	0.91	0.76	0.66	0.28	0.63	0.69
1/2	P8UE-S	1.42	1.02	0.86	0.90	0.41	0.81	0.88
3/4	P12UE-S	1.57	1.17	0.86	0.96	0.62	1.06	1.13
1	P16UE-S	1.83	1.45	1.04	1.23	0.88	1.38	1.50

Posi-Lok Tube Fittings

REDUCING UNION TEES

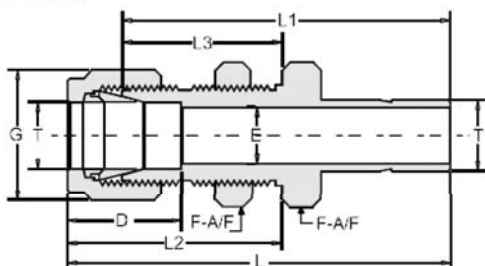
Units: Inches



T TUBE O.D.	T1 TUBE O.D.	PART NUMBER	L	L1	L2	L2Y	L3	L3Y	L4	L4Y	D	D1	E	F WRENCH PAD
3/8	1/4	P6RUT4-S	2.40	1.82	1.20	1.14	0.91	0.86	0.08	0.70	0.66	0.60	0.19	0.63
1/2	1/4	P8RUT4-S	2.84	2.04	1.42	1.25	1.02	0.96	0.86	0.70	0.90	0.60	0.19	0.81
1/2	3/8	P8RUT6-S	2.84	2.04	1.42	1.31	1.02	1.02	0.86	0.76	0.90	0.66	0.28	0.81
3/4	3/8	P12RUT6-S	3.14	2.34	1.57	1.46	1.17	1.17	0.86	0.76	0.96	0.66	0.28	0.81
3/4	1/2	P12RUT8-S	3.14	2.34	1.57	1.57	1.17	1.17	0.86	0.86	0.96	0.90	0.41	1.06
1	3/8	P16RUT6S	3.86	2.90	1.53	1.65	1.45	1.36	1.01	0.76	1.23	0.66	0.28	1.38
1	1/2	P16RUT8-S	3.86	2.90	1.93	1.76	1.45	1.36	1.04	0.90	1.23	0.86	0.41	1.38

BULKHEAD REDUCER

Units: Inches



T TUBE O.D.	PART NUMBER	L	L1	L2	L3	D	E	HEX FLAT	G HEX FLAT	PANEL HOLE	MAX PANEL THICKNESS
1/4	P4BR-S	2.20	1.91	1.32	1.03	0.69	0.19	0.63	0.56	0.45	0.40
3/8	P6BR-S	2.41	2.12	1.45	1.16	0.66	0.28	0.75	0.69	0.58	0.44
1/2	P8BR-S	2.87	2.47	1.65	1.25	0.90	0.39	0.94	0.88	0.77	0.50
1	P16BR-S	3.95	3.47	2.26	1.78	1.23	0.80	1.63	1.50	1.33	0.75

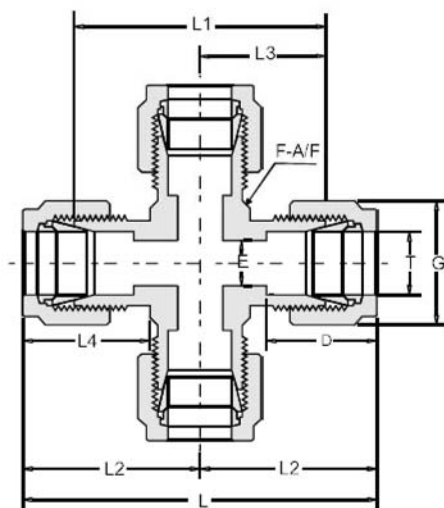
Posi-Lok division of
Texas Valve & Instruments, LLC
8221 Lockheed Ave
Houston, Tx 77061

T: 713.645.2100
E: sales@tvi-i.com
Web: tvi-i.com

Posi-Lok Tube Fittings

UNION CROSS

Units: Inches

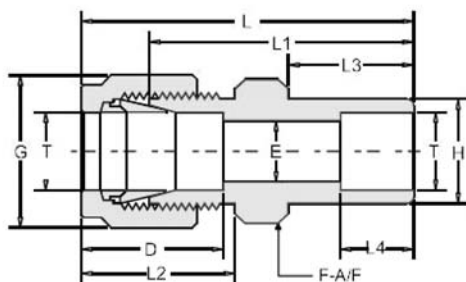


T TUBE O.D.	PART NUMBER	L	L1	L2	L3	L4	D	E	F WRENCH PAD	G HEX FLAT
1/8	P2UC-S	1.76	1.24	0.88	0.62	0.60	0.50	0.09	0.38	0.44
1/4	P4UC-S	2.12	1.54	1.06	0.77	0.70	0.60	0.19	0.50	0.56
3/8	P6UC-S	2.40	1.82	1.20	0.91	0.76	0.66	0.28	0.63	0.69
1/2	P8UC-S	2.84	2.04	1.42	1.02	0.86	0.90	0.41	0.81	0.88
1	P16UC-S	3.86	2.90	1.93	1.45	1.04	1.23	0.88	1.38	1.50

Posi-Lok Tube Fittings

TUBE SOCKET WELD UNION

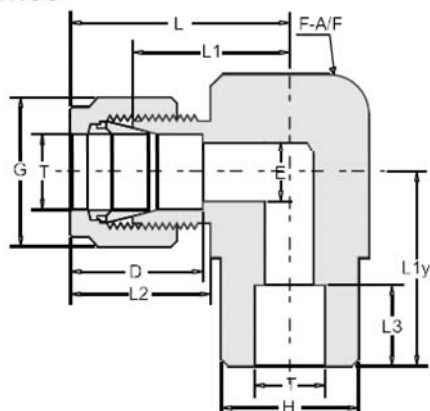
Units: Inches



T TUBE O.D.	PART NUMBER	L	L1	L2	L3	L4	D	E	F WRENCH PAD	G HEX FLAT	H
1/8	P2TSWU-S	1.14	0.60	0.88	0.34	0.26	0.50	0.09	0.44	0.44	0.31
1/4	P4TSWU-S	1.32	0.70	1.03	0.41	0.31	0.60	0.19	0.50	0.56	0.44
3/8	P6TSWU-S	1.48	0.76	1.19	0.47	0.38	0.66	0.28	0.63	0.69	0.62
1/2	P8TSWU-S	1.62	0.86	1.22	0.47	0.50	0.90	0.41	0.81	0.88	0.84
3/4	P12TSWU-S	1.71	0.88	1.31	0.47	0.56	0.96	0.62	1.06	1.13	1.05
1	P16TSWU-S	2.07	1.04	1.59	0.56	0.76	1.23	0.88	1.38	1.50	1.31

TUBE SOCKET WELD ELBOW

Units: Inches



T TUBE O.D.	PART NUMBER	L	L1	L2	L3	D	E	F WRENCH PAD	G HEX FLAT	H
1/4	P4TSWE-S	1.06	0.77	0.70	0.31	0.50	0.19	0.50	0.56	0.50
3/8	P6TSWE-S	1.20	0.91	0.75	0.38	0.66	0.28	0.63	0.69	0.62
1/2	P8TSWE-S	1.42	1.02	0.86	0.50	0.90	0.41	0.81	0.88	0.81
3/4	P12TSWE-S	1.57	1.17	0.86	0.56	0.96	0.62	1.06	1.13	1.06
1	P16TSWE-S	1.93	1.45	1.04	0.75	1.23	0.88	1.38	1.50	1.38

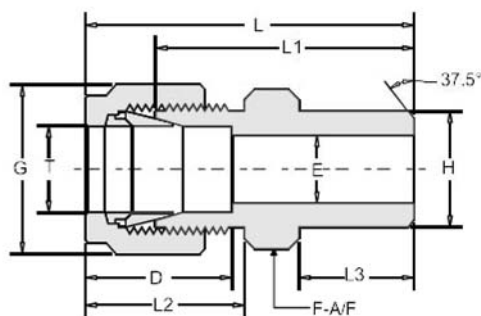
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Web: tvi-i.com

Posi-Lok Tube Fittings

MALE PIPE WELD CONNECTOR

Units: Inches

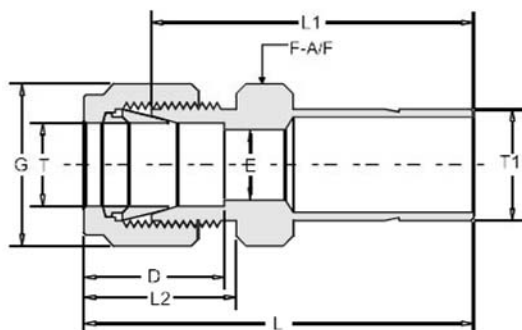


T TUBE O.D.	MALE PIPE DIM	PART NUMBER	L	L1	L2	L3	D	E	F WRENCH PAD	G HEX FLAT	H
1/8	1/8	P2MPWC2-S	1.20	0.94	0.60	0.38	0.50	0.09	0.44	0.44	0.40
1/4	1/8	P4MPCW2-S	1.29	1.00	0.70	0.38	0.60	0.19	0.50	0.56	0.40
1/4	1/4	P4MPWC4-S	1.49	1.20	0.70	0.56	0.60	0.19	0.56	0.56	0.54
3/8	1/4	P6MPWC4-S	1.57	1.28	0.76	0.56	0.66	0.28	0.63	0.69	0.54
3/8	3/8	P6MPWC6-S	1.57	1.28	0.76	0.56	0.66	0.28	0.69	0.69	0.67
3/8	1/2	P6MPWC8-S	1.82	1.53	0.76	0.75	0.66	0.28	0.88	0.69	0.54
1/2	3/8	P8MPWC6-S	1.71	1.31	0.86	0.56	0.90	0.41	0.81	0.88	0.67
1/2	1/2	P8MPWC8-S	1.93	1.53	0.86	0.75	0.90	0.41	0.88	0.88	0.84
1/2	3/4	P8MPWC12-S	1.99	1.59	0.87	0.75	0.90	0.41	1.06	0.88	1.06
3/4	3/4	P12MPWC12-S	1.99	1.59	0.86	0.75	0.96	0.62	1.06	1.13	1.06
1	1	P16MPWC16-S	2.45	1.97	1.04	0.94	1.23	0.88	1.38	1.50	1.31

Posi-Lok Tube Fittings

REDUCER

Units: Inches

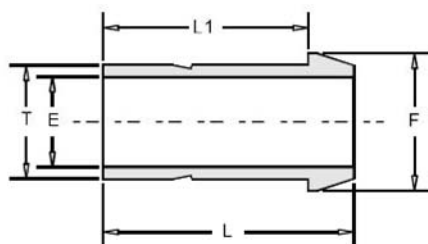


T TUBE O.D.	T1 TUBE O.D.	PART NUMBER	L	L1	L2	D	E	F WRENCH PAD	G HEX FLAT
1/8	1/8	P2R2-S	1.32	1.06	0.6	0.50	0.08	0.44	0.44
1/8	1/4	P2R4-S	1.42	1.16	0.60	0.50	0.09	0.44	0.44
1/4	1/8	P4R2-S	1.45	1.16	0.70	0.54	0.08	0.50	0.56
1/4	1/4	P4R4-S	1.54	1.25	0.70	0.54	0.19	0.50	0.56
1/4	3/8	P4R6-S	1.60	1.31	0.70	0.60	0.19	0.50	0.56
1/4	1/2	P4R8-S	1.82	1.53	0.70	0.60	0.19	0.56	0.56
3/8	1/4	P6R4-S	1.63	1.34	0.76	0.66	0.19	0.63	0.69
3/8	3/8	P6R6-S	1.70	1.41	0.76	0.66	0.28	0.63	0.69
3/8	1/2	P6R8-S	1.91	1.62	0.76	0.66	0.28	0.63	0.69
1/2	1/4	P8R4-S	1.77	1.37	0.86	0.90	0.19	0.81	0.88
1/2	3/8	P8R6-S	1.84	1.44	0.86	0.90	0.28	0.81	0.88
1/2	3/4	P8R12-S	2.12	1.72	0.86	0.90	0.39	0.81	0.88
3/4	1/2	P12R8-S	2.15	1.75	0.86	0.96	0.39	1.06	1.13
3/4	1	P12R16-S	2.46	2.06	0.86	0.96	0.42	1.06	1.13
1	1-1/4	P16R20-S	3.17	2.69	1.04	1.23	0.88	1.38	1.50
1	1-1/2	P16R24-S	3.51	3.03	1.04	1.23	0.88	1.63	1.50
1	2	P16R32-S	4.43	3.95	1.01	1.23	0.88	2.13	1.50

Posi-Lok Tube Fittings

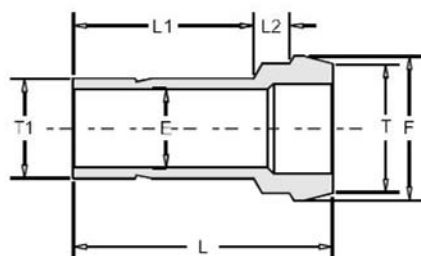
PORT CONNECTOR

Units: Inches



T TUBE O.D.	PART NUMBER	L	L1	E	F
1/8	P2PC-S	0.88	0.62	0.09	0.24
1/4	P4PC-S	0.97	0.74	0.19	0.37
3/8	P6PC-S	1.03	0.80	0.30	0.50
1/2	P8PC-S	1.41	1.02	0.39	0.62
3/4	P12PC-S	1.47	1.09	0.59	0.87
1	P16PC-S	1.89	1.36	0.80	1.12

REDUCING PORT CONNECTOR Imperial Fittings

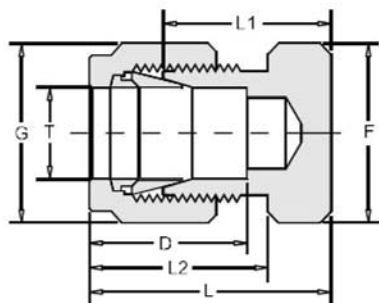


T TUBE O.D.	T1 TUBE O.D.	PART NUMBER	L	L1	L2	E	F
1/4	1/8	P4RPC2-S	0.89	0.53	0.13	0.09	0.37
3/8	1/8	P6RPC2-S	0.91	0.53	0.15	0.09	0.50
3/8	1/4	P6RPC4-S	0.98	0.62	0.13	0.19	0.50
1/2	1/4	P8RPC4-S	1.15	0.62	0.15	0.19	0.62
1/2	3/8	P8RPC6-S	1.20	0.69	0.13	0.28	0.62
3/4	1/2	P12RPC8-S	1.44	0.91	0.15	0.39	0.87

Posi-Lok Tube Fittings

CAP

Imperial Fittings

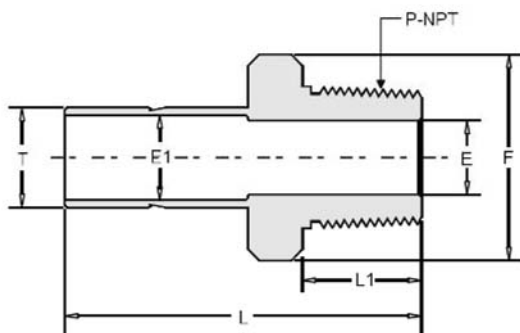


T TUBE O.D.	PART NUMBER	L	L1	L2	D	F HEX FLAT	G HEX FLAT
1/16	1C-S	0.59	0.34	0.50	0.34	0.31	0.31
1/8	2C-S	0.79	0.53	0.60	0.50	0.44	0.44
1/4	4C-S	0.92	0.63	0.70	0.60	0.50	0.56
3/8	6C-S	1.01	0.72	0.76	0.66	0.63	0.69
1/2	8C-S	1.15	0.75	0.86	0.90	0.81	0.88
3/4	12C-2	1.24	0.84	0.86	0.96	1.06	1.13
1	16C-S	1.51	1.03	1.04	1.23	1.38	1.50

Posi-Lok Tube Fittings

MALE ADAPTER

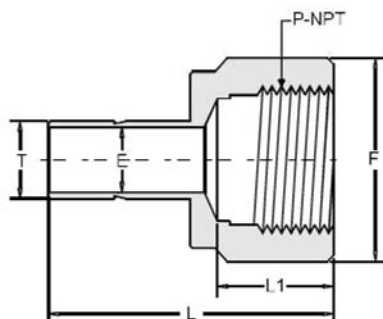
Imperial Fittings



T TUBE O.D.	P-NPT MALE THREAD	PART NUMBER	L	L1	E	E1	F
1/8	1/8	P2MA2N-S	1.16	0.38	0.19	0.09	0.44
1/8	1/4	P2MA4N-S	1.36	0.56	0.28	0.09	0.56
1/4	1/8	P4MA2N-S	1.25	0.38	0.19	0.19	0.44
1/4	1/4	P4MA4N-S	1.46	0.06	0.19	0.19	0.56
1/4	3/8	P4MA6N-S	1.49	0.56	0.19	0.19	0.69
1/4	1/2	P4MA8N-S	1.71	0.75	0.19	0.19	0.88
3/8	1/8	P6MA4N-S	1.32	0.38	0.19	0.28	0.44
3/8	1/4	P6MA4N-S	1.53	0.56	0.28	0.28	0.56
3/8	3/8	P6MA6N-S	1.56	0.56	0.28	0.28	0.69
3/8	1/2	P6MA8N-S	1.78	0.75	0.28	0.28	0.88
1/2	1/4	P8MA4N-S	1.75	0.56	0.28	0.39	0.56
1/2	3/8	P8MA6N-S	1.78	0.56	0.39	0.39	0.69
1/2	1/2	P8MA8N-S	2.00	0.75	0.39	0.39	0.88
3/4	1/2	P12MA8N-S	2.06	0.75	0.47	0.59	0.88
3/4	3/4	P12MA12N-S	2.03	0.75	0.59	0.59	1.06
1	3/4	P16MA12N-S	2.31	0.75	0.82	0.80	1.06
1	1	P16MA16N-S	2.60	0.94	0.80	0.80	1.38

Posi-Lok Tube Fittings

FEMALE ADAPTER Imperial Fittings



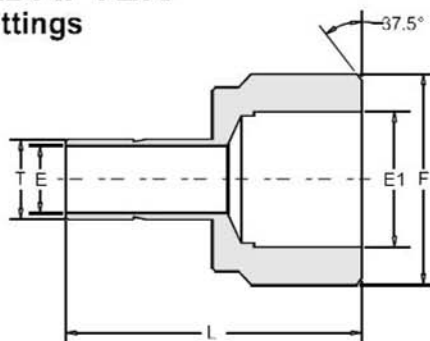
T TUBE O.D.	P-NPT FEMALE THREAD	PART NUMBER	L	L1	E	F
1/8	1/8	P2FA2N-S	1.24	0.41	0.09	0.56
1/8	1/4	P2FA4N-S	1.39	0.59	0.09	0.75
1/4	1/8	P4FA2N-S	1.30	0.41	0.19	0.56
1/4	1/4	P4FA4N-S	1.46	0.59	0.19	0.75
1/4	3/8	P4FA6N-S	1.55	0.59	0.19	0.88
1/4	1/2	P4FA8N-S	1.79	0.78	0.19	1.06
3/8	1/8	P6FA2N-S	1.35	0.41	0.28	0.56
3/8	1/4	P6FA4N-S	1.50	0.59	0.28	0.75
3/8	3/8	P6FA6N-S	1.59	0.59	0.28	0.88
3/8	1/2	P6FA8N-S	1.84	0.78	0.28	1.06
1/2	1/4	P8FA4N-S	1.71	0.59	0.39	0.75
1/2	3/8	P8FA6N-S	1.79	0.59	0.39	0.88
1/2	1/2	P8FA8N-S	2.04	0.78	0.39	1.06
3/4	1/2	P12FA18N-S	2.08	0.78	0.59	1.06
3/4	3/4	P12FA12N-S	2.18	0.81	0.59	1.31
3/4	3/4	P12FA12N-S	2.30	1.00	0.59	0.16
1	3/4	P16FA12N-S	2.39	0.81	0.80	1.31
1	1	P16FA16N-S	2.53	1.00	0.80	1.63

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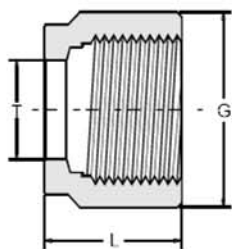
Posi-Lok Tube Fittings

WELD ADAPTER Imperial Fittings



T TUBE O.D.	P-NPT FEMALE THREAD	PART NUMBER	L	L1	E	F
1/4	1/4	P4WA4N-S	1.14	0.19	0.30	0.54
3/8	1/2	P8WA8N-S	1.46	0.28	0.55	0.84
1/2	1/2	P8WA8N-S	1.66	0.39	0.55	0.84
1/2	3/4	P8WA12N-S	1.66	0.39	0.73	1.05
3/4	3/8	P12WA6N-S	1.87	0.59	0.73	1.05

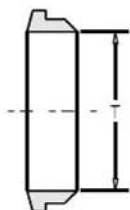
NUT



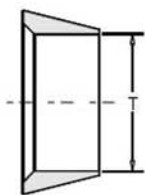
T TUBE O.D.	PART NUMBER	G	L
1/16	1N-S	0.31	0.31
1/8	2N-S	0.44	0.47
1/4	4N-S	0.56	0.50
3/8	6N-S	0.69	0.56
1/2	8N-S	0.88	0.69
3/4	12N-2	1.13	0.69
1	16N-S	1.50	0.81

Posi-Lok Tube Fittings

BACK FERRULE



BACK FERRULE



FRONT FERRULE



BACK & FRONT FERRULE

T TUBE O.D.	PART NUMBER
1/16	1BF-S
1/8	2BF-S
1/4	4BF-S
3/8	6BF-S
1/2	8BF-S
3/4	12BF-2
1	16BF-S

FRONT FERRULE

T TUBE O.D.	PART NUMBER
1/16	1FF-S
1/8	2FF-S
1/4	4FF-S
3/8	6FF-S
1/2	8FF-S
3/4	12FF-2
1	16FF-S

PLUG

T TUBE O.D.	PART NUMBER
1/16	1P-S
1/8	2P-S
1/4	4P-S
3/8	6P-S
1/2	8P-S
3/4	12P-2
1	16P-S

