

Prestolok Plus Fittings

Advantages

Ready-to-use compact one-piece fitting for use with most thermoplastic tubing. This fitting is specially designed for low pressure circuits where fast assembly, disassembly and reassembly is important. No special tools are needed for assembly; just insert the tubing until it bottoms. Radial claws on the stainless steel grab ring grip the tubing securely to provide retention. Brass Male pipe threads come standard with a white acrylic sealant pre-applied ("W" prefix) swivels are featured on all male pipe threaded shapes for installation in tight places and for precise positioning. Prestolok Plus should not be used for live swivel applications. The outside diameter of the tubing to be used with the fitting is marked on the release button.

Materials

Prestolok Plus Bodies: CA377, CA360, CA345
O-Ring: Nitrile (other compounds available on request)
Release Button: Polyacetal
Grab Ring: Stainless Steel

Recommended Tubing

Prestolok Plus is designed to be used with the following Parker Hannifin Parflex Division tubing.

Tubing Series	Tubing Material
E	Linear Low Density Polyethylene
PP	Polypropylene
N	Plasticized Polyamide (Nylon)
NR	Unplasticized Polyamide (Rigid Nylon)
U	Polyurethane 90 Durometer Shore A
HU	Polyurethane 95 Durometer Shore A

Other materials: Polyurethane 85 Durometer Shore A – Applications and service conditions vary and therefore the use of a tube support may be required for any 85A PU tubing.

The following commercially available O.D. – I.D. 85A tubing sizes require the use of a tube support regardless of application.

5/32" – 3/32"	3/16" – 1/8"	1/4" - .170"	1/4" – 3/16"
5/16" – 1/4"	3/8" – 5/16"	1/2" – 3/8"	

Working pressure and temperature ranges

Prestolok Plus: Zero to 200°F at up to 300 PSI depending on tubing being used.

Vacuum applications are dependent upon temperature and type of tubing used.

Assembly Instructions

1. Cut thermoplastic tubing squarely, using Parker Tube Cutter PTC-001. Be certain the port or mating part is clean and free of debris.
2. Insert tubing into fitting until it bottoms. A slight twisting motion will ease the insertion. Pull on tubing to verify it is properly retained in the fitting.
3. To disassemble, simply push the release button against the body and remove tubing.

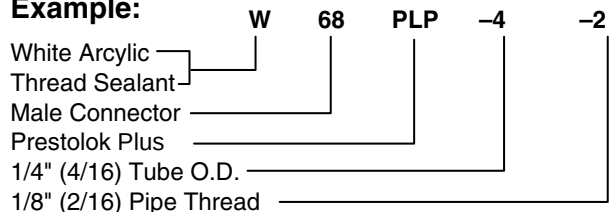
Order

By part number and name.

Nomenclature

Part numbers are constructed from symbols that identify the style and size of the fitting. The first series of numbers and letters identify the style and type fitting. The second series of numbers describe the size.

Example:



Sizes

Tube sizes are determined by the number of sixteenths of an inch in the tube O.D.

Specials

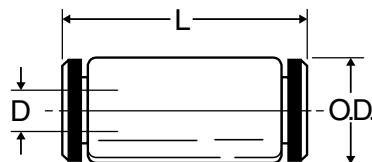
Fitting configurations and/or sizes other than those shown in the catalog can be furnished. It is suggested that a print or sketch be submitted with the inquiry.

Pricing

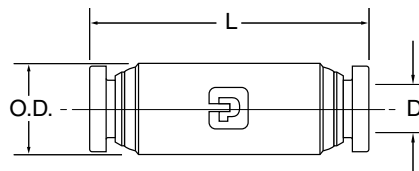
Only items priced in current supplementary price list PL3501 are carried in stock. Price and delivery for non-stock items furnished on request for specified quantity.

62PL Union

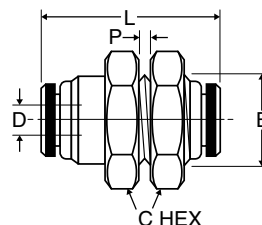
PART NO.	TUBE SIZE	O.D.	L	FLOW DIA. D
62PL-2	1/8	.375	1.44	.094
62PL-3	3/16	.437	1.35	.156
62PL-5/32	5/32	.375	1.44	.125
62PL-4	1/4	.500	1.51	.188
62PL-5	5/16	.562	1.68	.250
62PL-6	3/8	.625	1.68	.312
62PL-8	1/2	.750	1.86	.344

**62PLP Union (Nickel Plated)**

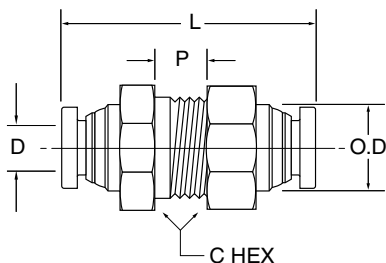
PART NO.	TUBE SIZE	O.D.	L	FLOW DIA. D
62PLP-2	1/8	.375	1.40	.094
62PLP-3	3/16	.437	1.41	.156
62PLP-5/32	5/32	.375	1.41	.125
62PLP-4	1/4	.500	1.43	.188
62PLP-5	5/16	.562	1.65	.250
62PLP-6	3/8	.625	1.66	.312
62PLP-8	1/2	.750	1.82	.375

**62PLBH Bulkhead Union**

PART NO.	TUBE SIZE (IN)	BULKHEAD HOLE DIA. B	C HEX	P MAX.	L	D
62PLBH-2	1/8	7/16	9/16	.39	1.44	.094
62PLBH-5/32	5/32	7/16	9/16	.39	1.44	.125
62PLBH-4	1/4	9/16	11/16	.29	1.51	.188
62PLBH-5	5/16	5/8	3/4	.60	1.68	.250
62PLBH-6	3/8	3/4	7/8	.54	1.68	.312
62PLBH-8	1/2	7/8	1	.66	2.07	.375

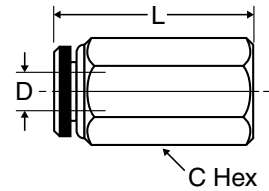
**62PLPBH Bulkhead Union (Nickel Plated)**

PART NO.	TUBE SIZE (IN)	BULKHEAD HOLE DIA. B	C HEX	P MAX.	L	D
62PLPBH-2	1/8	7/16	9/16	.39	1.40	.094
62PLPBH-5/32	5/32	7/16	9/16	.39	1.41	.125
62PLPBH-4	1/4	9/16	11/16	.29	1.43	.188
62PLPBH-5	5/16	5/8	3/4	.60	1.65	.250
62PLPBH-6	3/8	3/4	7/8	.54	1.66	.312
62PLPBH-8	1/2	7/8	1	.66	2.04	.375

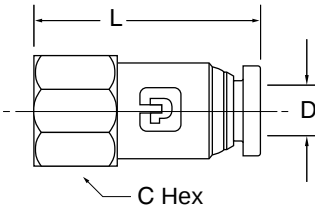


66PL Female Connector

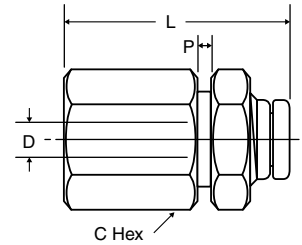
PART NO.	TUBE SIZE	PIPE THREAD (NPTF)	L	C HEX	FLOW DIA. D
66PL-2-2	1/8	1/8	1.18	9/16	.094
66PL-3-2	3/16	1/8	1.16	9/16	.156
66PL-5/32-2	5/32	1/8	1.18	9/16	.125
66PL-5/32-4	5/32	1/4	1.39	11/16	.125
66PL-4-2	1/4	1/8	1.21	9/16	.188
66PL-4-4	1/4	1/4	1.42	11/16	.188
66PL-5-2	5/16	1/8	1.27	9/16	.250
66PL-5-4	5/16	1/4	1.47	11/16	.250
66PL-6-4	3/8	1/4	1.46	11/16	.312
66PL-6-6	3/8	3/8	1.51	13/16	.312

**66PLP Female Connector (Nickel Plated)**

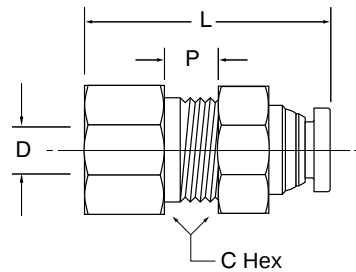
PART NO.	TUBE SIZE	PIPE THREAD (NPTF)	L	FLOW DIA. D
66PLP-2-2	1/8	1/8	1.17	.094
66PLP-3-2	3/16	1/8	1.13	.156
66PLP-5/32-2	5/32	1/8	1.17	.125
66PLP-5/32-4	5/32	1/4	1.38	.125
66PLP-4-2	1/4	1/8	1.17	.188
66PLP-4-4	1/4	1/4	1.38	.188
66PLP-5-2	5/16	1/8	1.25	.250
66PLP-5-4	5/16	1/4	1.45	.250
66PLP-6-4	3/8	1/4	1.46	.312
66PLP-6-6	3/8	3/8	1.51	.312

**66PLBH Female Bulkhead**

PART NO.	TUBE SIZE (IN)	PIPE THREAD (NPTF)	C HEX	P MAX.	L	FLOW DIA. D	BULKHEAD HOLE DIA.
66PLBH-5/32-4	5/32	1/4	11/16	.24	1.38	.13	1/2
66PLBH-4-4	1/4	1/4	11/16	.19	1.35	.18	9/16
66PLBH-6-6	3/8	3/8	1	.22	1.44	.31	7/8
66PLBH-8-6	1/2	3/8	1 1/4	.35	1.57	.34	1

**66PLPBH Female Bulkhead (Nickel Plated)**

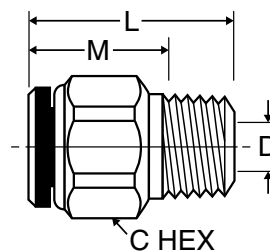
PART NO.	TUBE SIZE (IN)	PIPE THREAD (NPTF)	C HEX	P MAX.	L	FLOW DIA. D	BULKHEAD HOLE DIA.
66PLPBH-5/32-4	5/32	1/4	11/16	.19	1.39	.125	1/2
66PLPBH-4-4	1/4	1/4	11/16	.24	1.35	.188	9/16
66PLPBH-6-6	3/8	3/8	1	.22	1.47	.312	7/8
66PLPBH-8-6	1/2	3/8	1 1/4	.35	1.56	.344	1



W68PL Male Connector

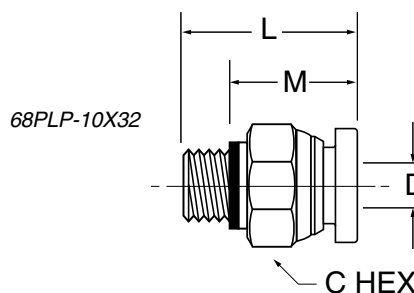
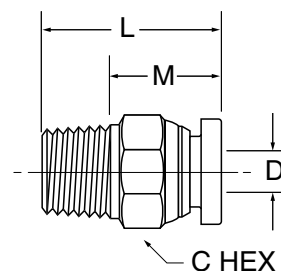
PART NO.	TUBE SIZE (IN)	PIPE THREAD (NPTF)	C HEX	L	M	FLOW DIA. D
W68PL-2-1	1/8	1/16	3/8	.85	.66	.094
W68PL-2-2	1/8	1/8	7/16	.85	.66	.094
W68PL-2-4	1/8	1/4	9/16	1.08	.66	.094
W68PL-3-2	3/16	1/8	7/16	.90	.63	.156
W68PL-3-4	3/16	1/4	9/16	1.08	.63	.156
W68PL-5/32-2	5/32	1/8	7/16	.85	.67	.125
W68PL-5/32-4	5/32	1/4	9/16	1.10	.67	.125
W68PL-4-1	1/4	1/16	1/2	1.15	.70	.140
W68PL-4-2	1/4	1/8	1/2	.97	.70	.188
W68PL-4-4	1/4	1/4	9/16	1.10	.70	.188
W68PL-4-6	1/4	3/8	11/16	1.14	.70	.188
W68PL-5-2	5/16	1/8	9/16	1.22	.77	.234
W68PL-5-4	5/16	1/4	9/16	1.10	.77	.250
W68PL-5-6	5/16	3/8	11/16	1.10	.77	.250
W68PL-6-2	3/8	1/8	5/8	1.26	.77	.234
W68PL-6-4	3/8	1/4	5/8	1.14	.77	.312
W68PL-6-6	3/8	3/8	11/16	1.09	.77	.312
W68PL-6-8	3/8	1/2	7/8	1.34	.77	.312
W68PL-8-4	1/2	1/4	13/16	1.52	.86	.344
W68PL-8-6	1/2	3/8	13/16	1.31	.86	.344
W68PL-8-8	1/2	1/2	7/8	1.43	.86	.375
68PL-5/32-4LT*	5/32	1/4-28	7/16	.88	.69	.093

* SAE-LT THREADS

**W68PLP Male Connector (Nickel Plated)**

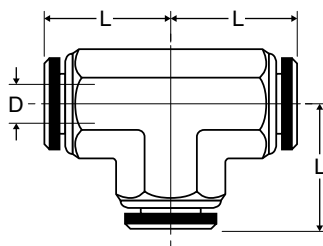
PART NO.	TUBE SIZE (IN)	PIPE THREAD (NPTF)	C HEX	L	FLOW DIA. D
68PLP-2-0	1/8	10X32	3/8	.92	.094
W68PLP-2-1	1/8	1/16	3/8	.79	.094
W68PLP-2-2	1/8	1/8	7/16	.79	.094
W68PLP-2-4	1/8	1/4	9/16	1.02	.094
W68PLP-3-2	3/16	1/8	7/16	.85	.141
W68PLP-3-4	3/16	1/4	9/16	1.01	.156
W68PLP-5/32-2	5/32	1/8	7/16	.80	.125
W68PLP-5/32-4	5/32	1/4	9/16	1.03	.125
68PLP-4-0	1/4	10X32	1/2	.96	.094
W68PLP-4-1	1/4	1/16	1/2	1.07	.141
W68PLP-4-2	1/4	1/8	1/2	.89	.188
W68PLP-4-4	1/4	1/4	9/16	1.00	.188
W68PLP-4-6	1/4	3/8	3/4	1.04	.188
W68PLP-5-2	5/16	1/8	9/16	1.18	.234
W68PLP-5-4	5/16	1/4	9/16	1.04	.250
W68PLP-5-6	5/16	3/8	11/16	1.04	.250
W68PLP-6-2	3/8	1/8	5/8	1.21	.234
W68PLP-6-4	3/8	1/4	5/8	1.08	.312
W68PLP-6-6	3/8	3/8	11/16	1.02	.312
W68PLP-6-8	3/8	1/2	7/8	1.28	.312
W68PLP-8-4	1/2	1/4	13/16	1.44	.344
W68PLP-8-6	1/2	3/8	13/16	1.24	.344
W68PLP-8-8	1/2	1/2	7/8	1.35	.375
68PLP-5/32-4LT*	5/32	1/4-28	7/16	.88	.093

*SAE-LTTHREADS

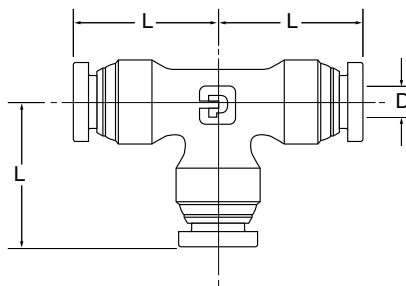


164PL Union Tee

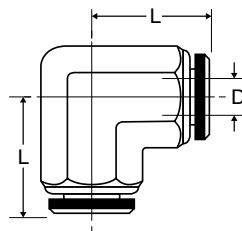
PART NO.	TUBE SIZE (IN)	L	FLOW DIA. D
164PL-2	1/8	.78	.094
164PL-3	3/16	.79	.156
164PL-5/32	5/32	.81	.125
164PL-4	1/4	.94	.188
164PL-5	5/16	.99	.250
164PL-6	3/8	1.04	.312
164PL-8	1/2	1.17	.375

**164PLP Union Tee (Nickel Plated)**

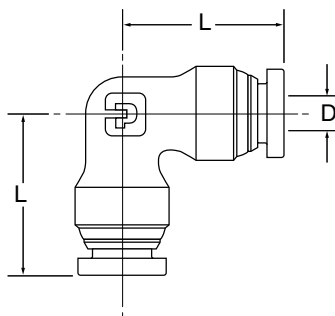
PART NO.	TUBE SIZE (IN)	L	FLOW DIA. D
164PLP-2	1/8	.74	.094
164PLP-3	3/16	.82	.156
164PLP-5/32	5/32	.77	.125
164PLP-4	1/4	.85	.188
164PLP-5	5/16	.97	.250
164PLP-6	3/8	1.01	.250
164PLP-8	1/2	1.15	.375

**165PL Union Elbow**

PART NO.	TUBE SIZE (IN)	L	FLOW DIA. D
165PL-2	1/8	.77	.094
165PL-5/32	5/32	.79	.125
165PL-4	1/4	.86	.188
165PL-5	5/16	.97	.250
165PL-6	3/8	1.03	.312
165PL-8	1/2	1.17	.375

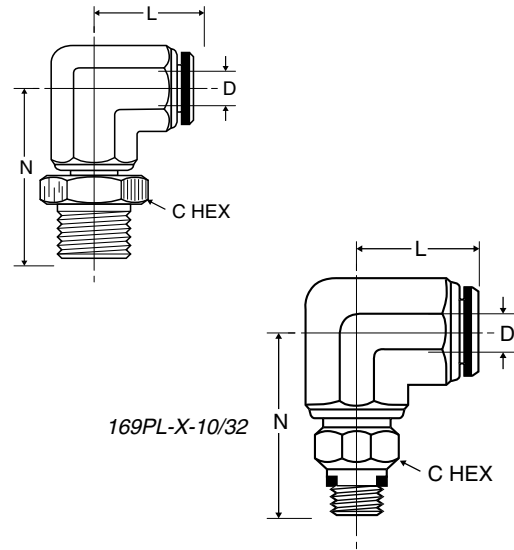
**165PLP Union Elbow (Nickel Plated)**

PART NO.	TUBE SIZE (IN)	L	FLOW DIA. D
165PLP-2	1/8	.74	.094
165PLP-5/32	5/32	.77	.125
165PLP-3	3/16	.82	.156
165PLP-4	1/4	.85	.188
165PLP-5	5/16	.97	.250
165PLP-6	3/8	1.01	.312
165PLP-8	1/2	1.15	.375

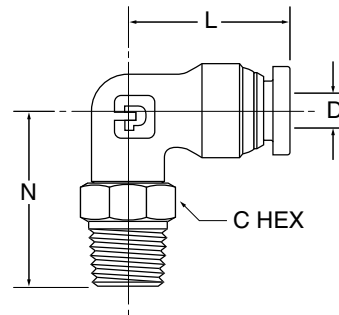


W169PL Male Elbow Swivel 90°

PART NO.	TUBE SIZE (IN)	PIPE THREAD (NPTF)	C HEX	L	N	FLOW DIA. D
W169PL-2-2	1/8	1/8	7/16	.78	1.22	.094
169PL-2-10X32	1/8	10-32	3/8	.78	1.02	.094
W169PL-2-4	1/8	1/4	9/16	.78	1.40	.094
W169PL-3-2	3/16	1/8	7/16	.79	1.16	.156
W169PL-5/32-2	5/32	1/8	7/16	.80	1.24	.109
W169PL-5/32-4	5/32	1/4	9/16	.80	1.42	.109
169PL5/32-10X32	5/32	10-32	3/8	.80	1.04	.094
W169PL-4-2	1/4	1/8	7/16	.86	1.13	.172
W169PL-4-4	1/4	1/4	9/16	.86	1.31	.172
W169PL-4-6	1/4	3/8	11/16	.86	1.35	.172
169PL-4-10X32	1/4	10-32	7/16	.86	.94	.094
W169PL-5-2	5/16	1/8	1/2	.99	1.42	.234
W169PL-5-4	5/16	1/4	9/16	.99	1.58	.234
W169PL-6-2	3/8	1/8	9/16	1.04	1.49	.234
W169PL-6-4	3/8	1/4	9/16	1.04	1.66	.297
W169PL-6-6	3/8	3/8	11/16	1.04	1.70	.297
W169PL-6-8	3/8	1/2	7/8	1.04	1.89	.297
W169PL-8-4	1/2	1/4	11/16	1.16	1.74	.344
W169PL-8-6	1/2	3/8	3/4	1.16	1.77	.375
W169PL-8-8	1/2	1/2	7/8	1.16	1.97	.375

**W169PLP Male Elbow Swivel 90° (Nickel Plated)**

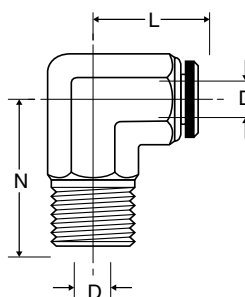
PART NO.	TUBE SIZE (IN)	PIPE THREAD (NPTF)	C HEX	L	N	FLOW DIA. D
W169PLP-2-2	1/8	1/8	7/16	.74	.92	.094
169PLP-2-0	1/8	10-32	3/8	.74	.74	.094
W169PLP-2-4	1/8	1/4	9/16	.74	1.10	.094
W169PLP-3-2	3/16	1/8	7/16	.82	.92	.156
W169PLP-5/32-2	5/32	1/8	7/16	.77	.92	.125
W169PLP-5/32-4	5/32	1/4	9/16	.77	1.10	.125
169PLP-5/32-0	5/32	10-32	3/8	.85	.74	.188
W169PLP-4-2	1/4	1/8	7/16	.85	.92	.188
W169PLP-4-4	1/4	1/4	9/16	.85	1.10	.188
W169PLP-4-6	1/4	3/8	11/16	.85	1.19	.188
169PLP-4-0	1/4	10-32	3/8	.85	.74	.188
W169PLP-5-2	5/16	1/8	9/16	.97	1.02	.250
W169PLP-5-4	5/16	1/4	9/16	.97	1.24	.250
W169PLP-6-2	3/8	1/8	9/16	1.01	1.02	.312
W169PLP-6-4	3/8	1/4	9/16	1.01	1.24	.312
W169PLP-6-6	3/8	3/8	11/16	1.01	1.24	.312
W169PLP-6-8	3/8	1/2	7/8	1.01	1.48	.312
W169PLP-8-4	1/2	1/4	9/16	1.15	1.28	.375
W169PLP-8-6	1/2	3/8	11/16	1.15	1.31	.375
W169PLP-8-8	1/2	1/2	7/8	1.15	1.52	.375



W169PLNS Male Elbow 90°

PART NO.	TUBE SIZE (IN)	PIPE THREAD (NPTF)	L	N	FLOW DIA. D
W169PLNS-2-2	1/8	1/8	.78	.68	.094
W169PLNS-5/32-2	5/32	1/8	.81	.68	.125
W169PLNS-5/32-4	5/32	1/4	.81	.89	.125
W169PLNS-4-2	1/4	1/8	.86	.68	.188
W169PLNS-4-4	1/4	1/4	.96	.89	.188
W169PLNS-5-2	5/16	1/8	.98	.78	.234
W169PLNS-5-4	5/16	1/4	1.02	.97	.250
W169PLNS-6-4	3/8	1/4	1.04	.97	.312
W169PLNS-6-6	3/8	3/8	1.11	1.09	.312
W169PLNS-6-8	3/8	1/2	1.20	1.26	.312
W169PLNS-8-6	1/2	3/8	1.28	1.15	.375
W169PLNS-8-8	1/2	1/2	1.29	1.31	.375
169PLNS 5/32-4LT*	5/32	1/4-28	.60	.48	.090

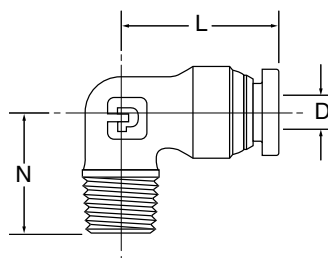
* SAE-LT THREADS

**W169PLPNS Male Elbow 90° (Nickel Plated)**

PART NO.	TUBE SIZE (IN)	PIPE THREAD (NPTF)	L	N	FLOW DIA. D
W169PLPNS-2-2	1/8	1/8	.74	.67	.094
W169PLPNS-5/32-2	5/32	1/8	.77	.67	.125
W169PLPNS-5/32-4	5/32	1/4	.77	.87	.125
W169PLPNS-4-2	1/4	1/8	.85	.67	.188
W169PLPNS-4-4	1/4	1/4	.85	.87	.188
W169PLPNS-5-2	5/16	1/8	.97	.75	.250
W169PLPNS-5-4	5/16	1/4	.97	.94	.250
W169PLPNS-6-4	3/8	1/4	1.01	.94	.312
W169PLPNS-6-6	3/8	3/8	1.01	1.01	.312
W169PLPNS-6-8	3/8	1/2	1.01	1.27	.312
W169PLPNS-8-6	1/2	3/8	1.15	1.00	.375
W169PLPNS-8-8	1/2	1/2	1.15	1.27	.375

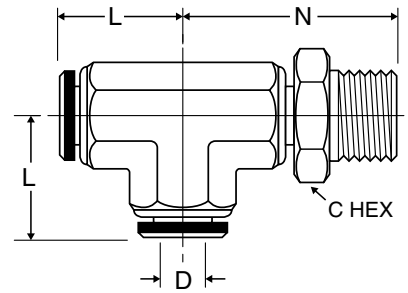
169PLPNS-5/32-4LT*

* SAE-LT THREADS

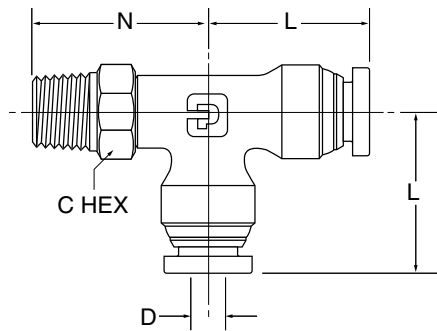


W171PL Male Run Tee Swivel

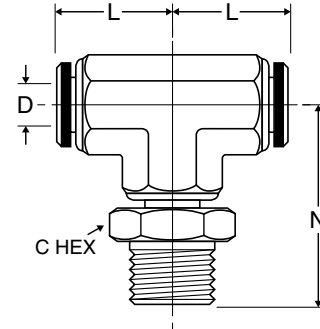
PART NO.	TUBE SIZE (IN)	PIPE THREAD (NPTF)	C HEX	L	N	FLOW DIA. D
W171PL-2-2	1/8	1/8	7/16	.78	1.22	.078
W171PL-5/32-2	5/32	1/8	7/16	.80	1.24	.109
W171PL-4-2	1/4	1/8	7/16	.96	1.29	.172
W171PL-4-4	1/4	1/4	9/16	.96	1.47	.172
W171PL-5-2	5/16	1/8	1/2	.99	1.42	.234
W171PL-5-4	5/16	1/4	9/16	.99	1.58	.234
W171PL-6-4	3/8	1/4	9/16	1.04	1.66	.297
W171PL-6-6	3/8	3/8	11/16	1.04	1.70	.297
W171PL-8-6	1/2	3/8	3/4	1.16	1.77	.375
W171PL-8-8	1/2	1/2	7/8	1.15	1.98	.375

**W171PLP Male Run Tee Swivel (Nickel Plated)**

PART NO.	TUBE SIZE (IN)	PIPE THREAD (NPTF)	C HEX	L	N	FLOW DIA. D
W171PLP-2-2	1/8	1/8	7/16	.74	.92	.094
W171PLP-5/32-2	5/32	1/8	7/16	.77	.92	.125
W171PLP-4-2	1/4	1/8	7/16	.85	.92	.188
W171PLP-4-4	1/4	1/4	9/16	.85	1.10	.188
W171PLP-4-6	1/4	3/8	11/16	.85	1.24	.188
W171PLP-5-2	5/16	1/8	9/16	.97	1.02	.250
W171PLP-5-4	5/16	1/4	9/16	.97	1.24	.250
W171PLP-6-4	3/8	1/4	9/16	1.01	1.24	.250
W171PLP-6-6	3/8	3/8	11/16	1.01	1.24	.250
W171PLP-8-6	1/2	3/8	11/16	1.15	1.31	.375
W171PLP-8-8	1/2	1/2	7/8	1.15	1.52	.375

**W172PL Male Branch Tee Swivel**

PART NO.	TUBE SIZE (IN)	PIPE THREAD (NPTF)	C HEX	L	N	FLOW DIA. D
W172PL-2-2	1/8	1/8	7/16	.78	1.22	.078
W172PL-3-2	3/16	1/8	7/16	.79	1.16	.148
W172PL-5/32-2	5/32	1/8	7/16	.81	1.24	.109
W172PL-4-2	1/4	1/8	7/16	.94	1.26	.172
W172PL-4-4	1/4	1/4	9/16	.94	1.47	.172
W172PL-4-6	1/4	3/8	11/16	.94	1.51	.172
W172PL-5-2	5/16	1/8	1/2	.99	1.40	.234
W172PL-5-4	5/16	1/4	9/16	.99	1.60	.234
W172PL-6-4	3/8	1/4	9/16	1.04	1.58	.297
W172PL-6-6	3/8	3/8	11/16	1.04	1.70	.297
W172PL-8-4	1/2	1/4	11/16	1.17	1.74	.375
W172PL-8-6	1/2	3/8	3/4	1.17	1.77	.375
W172PL-8-8	1/2	1/2	7/8	1.17	1.97	.375

**W172PLP Male Branch Tee Swivel (Nickel Plated)**

PART NO.	TUBE SIZE (IN)	PIPE THREAD (NPTF)	C HEX	L	N	FLOW DIA. D
W172PLP-2-2	1/8	1/8	7/16	.74	.92	.094
W172PLP-3-2	3/16	1/8	7/16	.82	.92	.156
W172PLP-5/32-2	5/32	1/8	7/16	.77	.92	.125
W172PLP-4-2	1/4	1/8	7/16	.85	.92	.188
W172PLP-4-4	1/4	1/4	9/16	.85	1.10	.188
W172PLP-4-6	1/4	3/8	11/16	.85	1.10	.188
W172PLP-5-2	5/16	1/8	9/16	.97	1.02	.250
W172PLP-5-4	5/16	1/4	9/16	.97	1.24	.250
W172PLP-6-4	3/8	1/4	9/16	1.01	1.24	.250
W172PLP-6-6	3/8	3/8	11/16	1.01	1.24	.250
W172PLP-8-4	1/2	1/4	9/16	1.15	1.30	.375
W172PLP-8-6	1/2	3/8	11/16	1.15	1.31	.375
W172PLP-8-8	1/2	1/2	7/8	1.15	1.52	.375

