



Prestolok Metal Fittings

A

MATERIALS OF CONSTRUCTION	
NICKEL PLATED BODIES:	NICKEL PLATED BRASS
O-RING:	NITRILE (OTHER COMPOUNDS AVAILABLE ON REQUEST)
RELEASE BUTTON:	POLYACETAL
GRAB RING:	STAINLESS STEEL
NOTE:	FOR BRASS BODY PRESTOLOK REPLACE PLP WITH PLN

NOMENCLATURE	
EXAMPLE: W68PLP-4-2	ATTRIBUTE:
W	WHITE ACRYLIC THREAD SEALANT
68	MALE CONNECTOR
PLP	PRESTOLOK
4	1/4" (4/16) TUBE O.D.
2	1/8" (2/16) PIPE THREAD

SPECIFICATIONS	
PRESSURE RANGE:	UP TO 300 PSI DEPENDING ON TUBING
TEMPERATURE RANGE:	0° TO +200°F
NOTE:	VACUUM APPLICATIONS ARE DEPENDENT UPON TEMPERATURE AND TYPE OF TUBING USED.

TUBING SIZES	
TUBE O.D.:	1/8, 3/16, 5/32, 1/4, 5/16, 3/8, 1/2
TUBE O.D. (MM):	4,6,8,10,12,14



A compact one-piece push-to-connect fitting. Designed for low pressure circuits where assembly, disassembly and reassembly is important. Stainless steel grab ring grips the tubing to provide retention. Swivels are featured on all male pipe threaded shapes for installation in tight places and for precise positioning. Prestolok should not be used for live swivel applications. Prestolok fittings come with a pre-applied white acrylic sealant.

Recommended Tubing

Prestolok nickel plated and composite fittings are 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 for Prestolok inch sized nickel plated fittings: Polyurethane 85 Durometer Shore A

CAUTION: All current manufacturers of 85A PU tubing do not approve the use of push-to-connect fittings with their product.

Testing has shown acceptable use with certain O.D – I.D. combinations. 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.

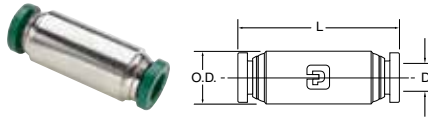
5/32" – 3/32"	3/16" – 1/8"	1/4" - .170"	1/4" – 3/16"
5/16" – 1/4"	3/8" – 5/16"	1/2" – 3/8"	

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.
4. It is recommended to trim the tubing after every disassembly to insure a proper seal.

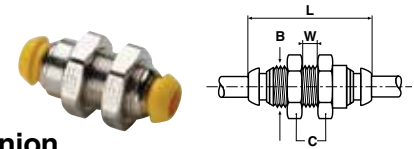


62PLP Union



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

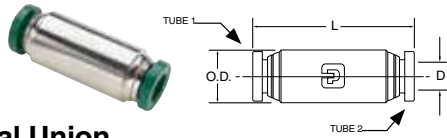
WPB Bulkhead Union



PART NO.	TUBE SIZE (MM)	B-MM THREAD	C HEX	L	W	BULKHEAD HOLE DIA.
WPB4	4	M11X0.75	16	33	6	11MM
WPB6	6	M13X1	19	35	6	13MM
WPB8	8	M15X1.25	22	36	6	16MM
WPB10	10	M18X1	22	43	8	18MM
WPB12	12	M23X1.5	27	46	10	23MM
WPB14	14	M24X1.5	30	52	10	24MM

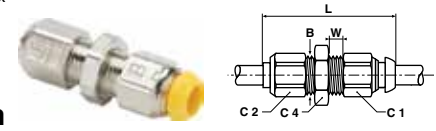
Jam nut is supplied loose in box

62PLP Unequal Union



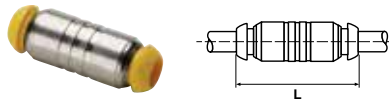
PART NO.	TUBE 1 SIZE (IN)	TUBE 2 SIZE (IN)	O.D.	L	FLOW DIA. D
62PLP-5/32-2	5/32	1/8	.375	1.41	.094
62PLP-4-2	1/4	1/8	.500	1.43	.094
62PLP-4-5/32	1/4	5/32	.500	1.43	.125
62PLP-4-6	1/4	3/8	.625	1.66	.188
62PLP-6-8	3/8	1/2	.750	1.82	.312

WBMPB Mixed Bulkhead Union



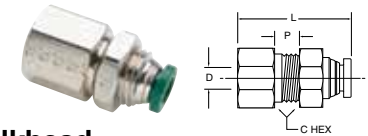
PART NO.	TUBE 1 SIZE (MM)	TUBE 2 SIZE (MM)	B-MM THREAD	C1	C2	C4	L	W	BULKHEAD HOLE DIA.
WBMPB4	4	4	M8X1	10	10	12	34	5	8MM
WBMPB6	6	6	M10X1	12	10	12	37	5	10MM
WBMPB8	8	8	M12X1	14	14	16	39	5	12MM
WBMPB10	10	10	M14X1	17	17	19	45	5	14MM
WBMPB12	12	12	M16X1	22	19	22	49	5	16MM

HPB Equal Union



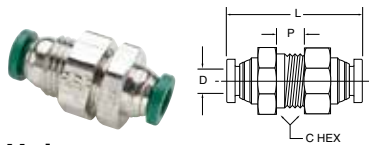
PART NO.	TUBE SIZE (MM)	L
HPB4	4	33.0
HPB5	5	34.5
HPB6	6	36.0
HPB8	8	38.0
HPB10	10	48.0
HPB12	12	48.0
HPB14	14	54.0

66PLPBH Female Bulkhead



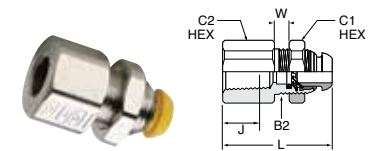
PART NO.	TUBE SIZE (IN)	PIPE THD (NPTF)	C HEX	P MAX.	L	FLOW DIA. D	BKHD HOLE DIA.
66PLPBH-5/32-4	5/32	1/4	11/16	.19	1.39	.125	1/2
66PLPBH-4-4	1/4	1/4	11/16	.24	1.35	.188	9/16
66PLPBH-6-6	3/8	3/8	1	.22	1.47	.312	7/8
66PLPBH-8-6	1/2	3/8	1	.35	1.56	.344	7/8

62PLPBH Bulkhead Union



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

WG4PB Bulkhead Union Female BSPP



PART NUMBER	TUBE SIZE (MM)	BSPP	C1 HEX	C2 HEX	J	L	W
WG4PB4-1/8	4	1/8	14	14	8	25.0	6
WG4PB6-1/8	6	1/8	17	17	8	25.0	6
WG4PB6-1/4	6	1/4	17	19	12	29.5	6
WG4PB8-1/4	8	1/4	19	19	12	30.0	6
WG4PB10-3/8	10	3/8	22	22	12	34.0	8
WG4PB12-3/8	12	3/8	27	24	12	35.0	10
WG4PB12-1/2	12	1/2	27	27	14	40.0	10
66LFBH-16M-6G	16	3/8	29	29	12	45	10.5
66LFBH-16M-8G	16	1/2	28	29	15	49.5	10.5