



Prestolok Metal Fittings

B

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.

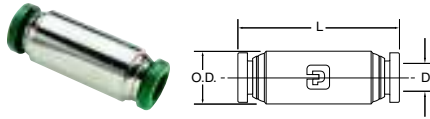
Testing has shown acceptable use with certain O.D – I.D. combinations. Applications and service conditions vary and therefore the use of a tube support may be required for any 85A PU tubing.

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"	

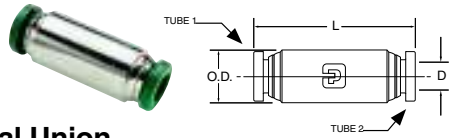
Assembly Instructions

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.



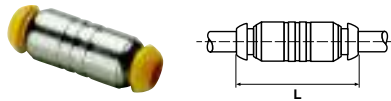
62PLP Union

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



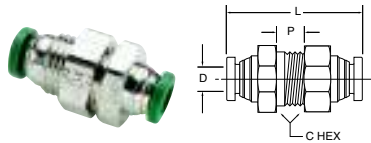
62PLP Unequal Union

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



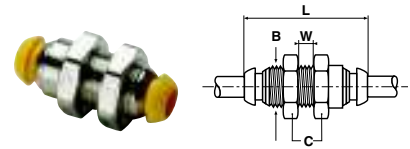
HPB Equal Union

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



62PLPBH Bulkhead Union

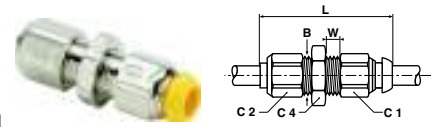
PART NO.	TUBE SIZE (IN)	BULKHEAD HOLE DIA. B	C HEX	P MAX.	L	D
62PLPBH-2	1/8	7/16	9/16	.39	1.40	.094
62PLPBH-5/32	5/32	7/16	9/16	.39	1.41	.125
62PLPBH-4	1/4	9/16	11/16	.29	1.43	.188
62PLPBH-5	5/16	5/8	3/4	.60	1.65	.250
62PLPBH-6	3/8	3/4	7/8	.54	1.66	.312
62PLPBH-8	1/2	7/8	1	.66	2.04	.375



WPB Bulkhead Union

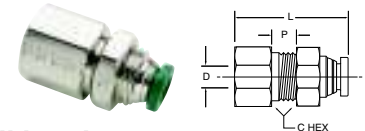
PART NO.	TUBE SIZE (MM)	B-MM THREAD	C HEX	L	W	BULKHEAD HOLE DIA.
WPB4	4	M11X0.75	16	33	6	11MM
WPB6	6	M13X1	19	35	6	13MM
WPB8	8	M15X1.25	22	36	6	16MM
WPB10	10	M18X1	22	43	8	18MM
WPB12	12	M23X1.5	27	46	10	23MM
WPB14	14	M24X1.5	30	52	10	24MM

Jam nut is supplied loose in box



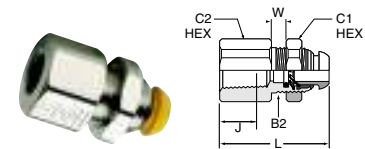
WBMPB Mixed Bulkhead Union

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
WBMPB14	14	14	M18X1	24	22	22	52	7	18MM



66PLPBH Female Bulkhead

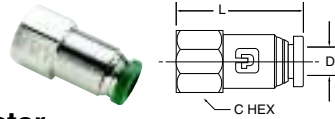
PART NO.	TUBE SIZE (IN)	PIPE THD (NPTF)	C HEX	P MAX.	L	FLOW DIA. D	BKHD HOLE DIA.
66PLPBH-5/32-4	5/32	1/4	11/16	.19	1.39	.125	1/2
66PLPBH-4-4	1/4	1/4	11/16	.24	1.35	.188	9/16
66PLPBH-6-6	3/8	3/8	1	.22	1.47	.312	7/8
66PLPBH-8-6	1/2	3/8	1 1/4	.35	1.56	.344	1



WG4PB Bulkhead Union Female BSPP

PART NUMBER	TUBE SIZE (MM)	BSPP	B2	C1 HEX	C2 HEX	J	L	W
WG4PB4-1/8	4	G1/8	M11X0.75	14	14	8	25.0	6
WG4PB6-1/8	6	G1/8	M13X1	17	17	8	25.0	6
WG4PB6-1/4	6	G1/4	M13X1	17	19	12	29.5	6
WG4PB8-1/8	8	G1/8	M15X1.25	19	17	8	25.0	6
WG4PB8-1/4	8	G1/4	M15X1.25	19	19	12	30.0	6
WG4PB10-3/8	10	G3/8	M18X1	22	22	12	34.0	8
WG4PB12-3/8	12	G3/8	M23X1.5	27	24	12	35.0	10
WG4PB12-1/2	12	G1/2	M23X1.5	27	27	14	40.0	10

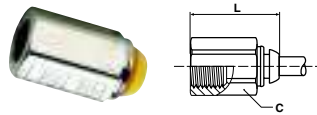




66PLP Female Connector

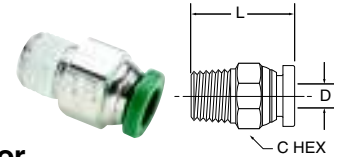
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PART NO.	TUBE SIZE	PIPE THREAD (NPTF)	C HEX	L	FLOW DIA. D
66PLP-2-2	1/8	1/8	9/16	1.17	.094
66PLP-2-4	1/8	1/4	11/16	1.34	.094
66PLP-3-2	3/16	1/8	9/16	1.13	.156
66PLP-5/32-2	5/32	1/8	9/16	1.17	.125
66PLP-5/32-4	5/32	1/4	11/16	1.38	.125
66PLP-4-2	1/4	1/8	9/16	1.17	.188
66PLP-4-4	1/4	1/4	11/16	1.38	.188
66PLP-5-2	5/16	1/8	9/16	1.25	.250
66PLP-5-4	5/16	1/4	11/16	1.45	.250
66PLP-6-4	3/8	1/4	11/16	1.46	.312
66PLP-6-6	3/8	3/8	13/16	1.51	.312



G4PB Female Connector BSPP

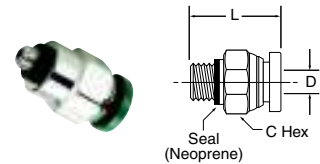
PART NO.	TUBE SIZE (MM)	BSPP	C HEX	L
G4PB4-1/8	4	1/8	14	26.0
G4PB6-1/8	6	1/8	14	27.5
G4PB6-1/4	6	1/4	17	33.0
G4PB8-1/8	8	1/8	17	29.0
G4PB8-1/4	8	1/4	17	33.0



W68PLP Male Connector

PART NO.	TUBE SIZE (IN)	PIPE THD (NPTF)	C HEX	L	FLOW DIA. D
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	.156
W68PLP-3-4	3/16	1/4	9/16	1.01	.156
W68PLP-5/32-1	5/32	1/16		.88	.940
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
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	.250
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	.250
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

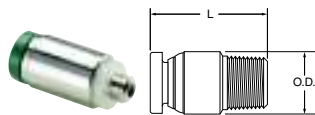
*SAE-LTthreads



68PLP-X-0 Male Connector

PART NO.	TUBE SIZE (IN)	PIPE THREAD (NPTF)	C HEX	L	FLOW DIA. D
68PLP-2-0	1/8	10X32	3/8	.92	.094
68PLP-5/32-0	5/32	10X32			
68PLP-4-0	1/4	10X32	1/2	.96	.094

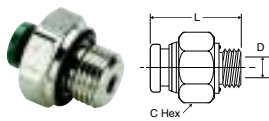
68PLPR Round Body Male Connector



PART NO.	TUBE SIZE	THREAD SIZE NPTF	INTERNAL HEX BROACH	BODY DIA. O.D.	L	FLOW DIA.
68PLPR-2-0*	1/8	10-32	3/32	3/8"	.89	.094
68PLPR-5/32-0*	5/32	10-32	3/32	3/8"	.91	.094
68PLPR-4-0*	1/4	10-32	3/32	1/2"	.95	.094
W68PLPR-5/32-1	5/32	1/16	1/8	7/16"	.87	.125
W68PLPR-5/32-2	5/32	1/8	1/8	7/16"	.79	.125
W68PLPR-4-1	1/4	1/16	5/32	1/2"	1.06	.156
W68PLPR-4-2	1/4	1/8	3/16	1/2"	.88	.188
W68PLPR-4-4	1/4	1/4	3/16	5/8"	.99	.188

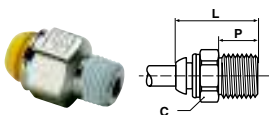
*10-32 seal is neoprene

PLPHBF4-B Male Connector BSPP



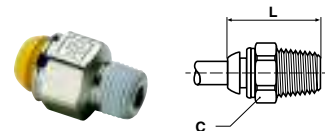
PART NO.	TUBE SIZE (IN)	PIPE THD BSPP	C HEX	L	FLOW DIA. D
3-1/8PLPHBF4-B	3/16	1/8-28	11/16	.96	.156
3-1/4PLPHBF4-B	3/16	1/4-19	3/4	.97	.156
4-1/8PLPHBF4-B	1/4	1/8-28	11/16	1.13	.188
4-1/4PLPHBF4-B	1/4	1/4-19	3/4	1.13	.188
4-3/8PLPHBF4-B	1/4	3/8-19	7/8	1.13	.188
6-1/4PLPHBF4-B	3/8	1/4-19	3/4	1.26	.256
6-3/8PLPHBF4-B	3/8	3/8-19	7/8	1.26	.312
6-1/2PLPHBF4-B	3/8	1/2-14	1-1/16	1.26	.312
8-3/8PLPHBF4-B	1/2	3/8-19	7/8	1.41	.452
8-1/2PLPHBF4-B	1/2	1/2-14	1-1/16	1.37	.452

FPB Male Connector NPT



PART NO.	TUBE SIZE (MM)	NPT	C HEX	L	P	INT. HEX
W68PLP-5/32-2	4	1/8-27	7/16"	21.7	9.7	-
W68PLP-5/32-4	4	1/4-18	9/16"	28.1	14.2	-
FPB6-1/8	6	1/8-27	14	26.0	10.1	4
FPB6-1/4	6	1/4-18	14	28.5	14.6	4
FPB10-1/4	10	1/4-18	19	40.0	14.6	8
FPB10-3/8	10	3/8-18	19	34.0	14.6	8
FPB12-3/8	12	3/8-18	22	36.5	14.6	10

F3PB Male Connector BSPT



PART NO.	TUBE SIZE (MM)	BSPT	C HEX	L
F3PB4-1/8	4	1/8	10	18.4
F3PB4-1/4	4	1/4	14	20.0
F3PB5-1/8	5	1/8	11	22.0
F3PB5-1/4	5	1/4	14	23.0
F3PB6-1/8	6	1/8	12	20.7
F3PB6-1/4	6	1/4	14	20.8
F3PB8-1/8	8	1/8	14	27.5
F3PB8-1/4	8	1/4	14	26.5
F3PB8-3/8	8	3/8	17	22.5
F3PB10-1/4	10	1/4	17	32.3
F3PB10-3/8	10	3/8	17	26.3
F3PB10-1/2	10	1/2	22	26.3
F3PB12-1/4	12	1/4	20	34.3
F3PB12-3/8	12	3/8	20	29.3
F3PB12-1/2	12	1/2	22	27.3
F3PB14-3/8	14	3/8	22	38.0
F3PB14-1/2	14	1/2	22	33.0

F4PB Compact Male Connector BSPP

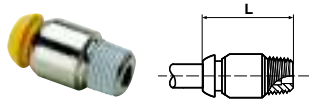


PART NO.	TUBE SIZE (MM)	BSPP	C HEX	J	L
F4PB4-1/8	4	1/8	13	4.7	19.9
F4PB4-1/4	4	1/4	16	6.0	20.3
F4PB6-1/8	6	1/8	13	4.7	23.4
F4PB6-1/4	6	1/4	16	6.0	22.2
F4PB8-1/4	8	1/4	16	6.0	23.8
F4PB8-1/8	8	1/8	14	4.7	25.1
F4PB8-3/8	8	3/8	20	6.5	23.5
F4PB10-1/4	10	1/4	17	6.0	31.3
F4PB10-3/8	10	3/8	20	6.5	26.8
F4PB10-1/2	10	1/2	24	7.5	26.1
F4PB12-1/4	12	1/4	20	6.0	31.9
F4PB12-3/8	12	3/8	20	6.5	31.8
F4PB12-1/2	12	1/2	24	7.5	27.8
F4PB14-3/8	14	3/8	22	6.5	35.0
F4PB14-1/2	14	1/2	24	7.5	30.0



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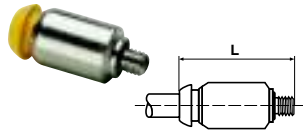
F23PB Male Connector BSPT



PART NO.	TUBE SIZE (MM)	BSPT	L
F23PB4-1/8	4	1/8	21
F23PB6-1/8	6	1/8	24
F23PB6-1/4	6	1/4	28
F23PB8-1/8	8	1/8	28
F23PB8-1/4	8	1/4	28

This fitting has been designed for use where space is at a premium. It is assembled using the internal hexagon and an allen key.

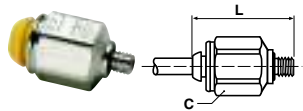
F28PB Male Connector Metric Straight Thread



PART NO.	TUBE SIZE (MM)	MM THREAD	L
F28PB4M3	4	M3X0.5	24
F28PB4M5	4	M5X0.8	25
F28PB6M5	6	M5X0.8	25

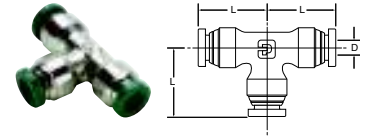
This fitting has been designed for use where space is at a premium. It is assembled using the internal hexagon and an allen key.

F8PB Male Connector Metric Straight Thread



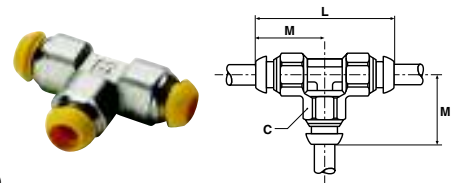
PART NO.	TUBE SIZE (MM)	MM THREAD	C HEX	L
F8PB4M5	4	M5X0.8	10	26.6
F8PB4M10	4	M10X1	14	24.0
F8PB6M5	6	M5X0.8	12	27.8
F8PB6M10	6	M10X1	14	28.0
F8PB6M12	6	M12X1.5	17	23.5
F8PB8M12	8	M12X1.5	17	27.0
F8PB8M16	8	M16X1.5	22	28.0
F8PB8M22	8	M22X1.5	27	30.0

164PLP Union Tee



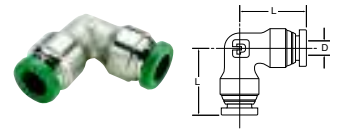
PART NO.	TUBE SIZE (IN)	L	FLOW DIA. D
164PLP-2	1/8	.74	.094
164PLP-3	3/16	.82	.156
164PLP-5/32	5/32	.77	.125
164PLP-4	1/4	.85	.188
164PLP-5	5/16	.97	.250
164PLP-6	3/8	1.01	.250
164PLP-8	1/2	1.15	.375

JPB Union Tee

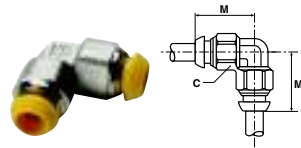


PART NO.	TUBE SIZE (MM)	C	L	M
JPB4	4	10	36	18
JPB5	5	12	41	21
JPB6	6	12	40	20
JPB8	8	14	44	22
JPB10	10	17	56	28
JPB12	12	22	60	30
JPB14	14	25	68	34

165PLP Union Elbow

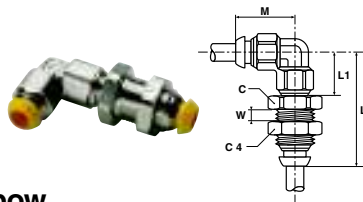


PART NO.	TUBE SIZE (IN)	L	FLOW DIA. D
165PLP-2	1/8	.74	.094
165PLP-5/32	5/32	.77	.125
165PLP-3	3/16	.82	.156
165PLP-4	1/4	.85	.188
165PLP-5	5/16	.97	.250
165PLP-6	3/8	1.01	.312
165PLP-8	1/2	1.15	.375



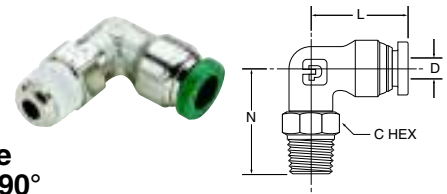
EPB 90° Union Elbow

PART NO.	TUBE SIZE (MM)	C HEX	M
EPB4	4	10	18.0
EPB5	5	12	20.5
EPB6	6	12	20.0
EPB8	8	14	22.0
EPB10	10	17	28.0
EPB12	12	22	30.0
EPB14	14	25	35.0



WE6PB Adjustable Bulkhead Union Elbow

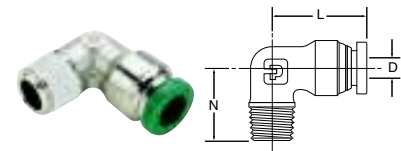
PART NO.	TUBE SIZE (MM)	THREAD B (MM)	C HEX	C4 HEX	L	L1	M	W	BKHD HOLE DIA.
WE6PB4	4	M11X0.75	14	16	37	18.0	18.0	6	11MM
WE6PB6	6	M13X1	17	17	39	19.5	20.5	6	13MM
WE6PB8	8	M15X1.25	19	19	43	21.5	22.5	6	15MM
WE6PB10	10	M18X1	22	22	54	22.8	28.5	8	18MM
WE6PB12	12	M23X1.5	27	27	59	30.0	30.0	10	23MM



W169PLP Male Elbow Swivel 90°

PART NO.	TUBE SIZE (IN)	PIPE THREAD (NPTF)	C HEX	L	N	FLOW DIA. D
W169PLP-2-1	1/8	1/16	3/8	.74	.93	.160
W169PLP-2-2	1/8	1/8	7/16	.74	.92	.094
169PLP-2-0*	1/8	10-32	3/8	.74	.74	.080
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-5/32-1	5/32	1/16	3/8	.84	.93	.160
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	.080
W169PLP-4-1	1/4	1/16	3/8	.84	.93	.160
W169PLP-4-2	1/4	1/8	7/16	.85	.92	.156
W169PLP-4-4	1/4	1/4	9/16	.85	1.10	.156
W169PLP-4-6	1/4	3/8	11/16	.85	1.19	.156
169PLP-4-0*	1/4	10-32	3/8	.85	.74	.080
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	.250
W169PLP-6-4	3/8	1/4	9/16	1.01	1.24	.250
W169PLP-6-6	3/8	3/8	11/16	1.01	1.24	.250
W169PLP-6-8	3/8	1/2	7/8	1.01	1.48	.250
W169PLP-8-4	1/2	1/4	9/16	1.15	1.28	.312
W169PLP-8-6	1/2	3/8	11/16	1.15	1.31	.312
W169PLP-8-8	1/2	1/2	7/8	1.15	1.52	.312

*10-32 seal is neoprene

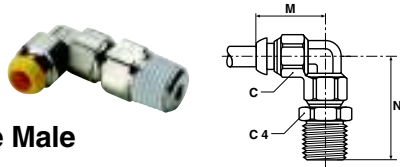


W169PLPNS Male Elbow 90°

PART NO.	TUBE SIZE (IN)	PIPE THREAD (NPTF)	L	N	FLOW DIA. D
W169PLPNS-2-2	1/8	1/8	.74	.67	.094
W169PLPNS5/32-2	5/32	1/8	.77	.67	.125
W169PLPNS5/32-4	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	.234
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
169PLPNS532-4LT*	5/32	1/4-28	.60	.48	.090

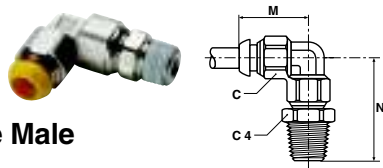
* SAE-LT Threads





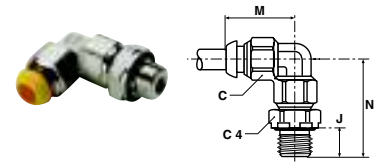
C6PB Adjustable Male Elbow NPT

PART NO.	TUBE SIZE (MM)	NPT	C HEX	C4 HEX	M	N
C6PB6-1/4	6	1/4-18	12	14	20	36.0
C6PB6-3/8	6	3/8-18	12	19	20	36.5
C6PB10-1/4	10	1/4-18	17	16	28	41.5
C6PB10-3/8	10	3/8-18	17	19	28	41.5
C6PB12-1/2	12	1/2-14	22	22	30	47.5



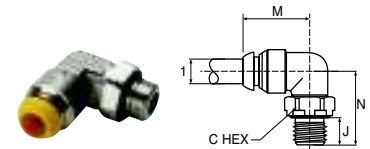
C63PB Adjustable Male Elbow BSPT

PART NO.	TUBE SIZE (MM)	BSPT	C HEX	C4 HEX	M	N
C63PB4-1/8	4	1/8	10	10	18	26.5
C63PB4-1/4	4	1/4	10	14	18	30.0
C63PB6-1/8	6	1/8	12	11	20	28.0
C63PB6-1/4	6	1/4	12	14	20	31.0
C63PB8-1/8	8	1/8	14	14	22	30.0
C63PB8-1/4	8	1/4	14	14	22	33.0
C63PB8-3/8	8	3/8	14	17	22	34.5
C63PB10-1/4	10	1/4	17	17	28	40.0
C63PB10-3/8	10	3/8	17	17	28	39.0
C63PB12-1/4	12	1/4	22	19	30	42.0
C63PB12-3/8	12	3/8	22	19	30	41.0
C63PB12-1/2	12	1/2	22	22	30	44.5
C63PB14-3/8	14	3/8	25	22	34	46.0
C63PB14-1/2	14	1/2	25	22	34	48.5



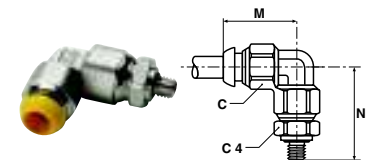
C64PB Adjustable Male Elbow BSPP

PART NO.	TUBE SIZE (MM)	BSPP	C HEX	C4 HEX	J	M	N
C64PB4-1/8	4	1/8	10	13	4.7	18	23.4
C64PB4-1/4	4	1/4	10	16	6.0	18	25.2
C64PB6-1/8	6	1/8	12	13	4.7	20	26.1
C64PB6-1/4	6	1/4	12	16	6.0	20	26.4
C64PB8-1/8	8	1/8	14	13	4.7	22	28.1
C64PB8-1/4	8	1/4	14	16	6.0	22	28.4
C64PB8-3/8	8	3/8	14	20	6.5	22	30.6
C64PB10-1/4	10	1/4	17	16	6.0	28	34.9
C64PB10-3/8	10	3/8	17	20	6.5	28	37.4
C64PB12-1/4	12	1/4	22	19	6.0	30	36.5
C64PB12-3/8	12	3/8	22	22	6.5	30	39.0
C64PB12-1/2	12	1/2	22	24	7.5	30	38.5
C64PB14-3/8	14	3/8	25	22	6.5	34	44.7
C64PB14-1/2	14	1/2	25	24	7.5	34	44.3



C64SPB Compact Adjustable Male Elbow BSPP

PART NUMBER	TUBE SIZE (MM)	BSPP	C HEX	J	M	N
C64SPB4-1/8	4	1/8	13	4.7	17	17.3
C64SPB6-1/8	6	1/8	13	4.7	22	17.3
C64SPB6-1/4	6	1/4	16	6.0	22	19.1
C64SPB8-1/8	8	1/8	13	4.7	24	16.9
C64SPB8-1/4	8	1/4	16	6.0	24	18.7
C64SPB8-3/8	8	3/8	20	6.5	24	20.7
C64SPB10-1/4	10	1/4	16	6.0	29	20.5
C64SPB10-3/8	10	3/8	20	6.5	29	22.5
C64SPB12-1/4	12	1/8	16	6.0	31	20.5
C64SPB12-3/8	12	3/8	20	6.5	31	23.2
C64SPB12-1/2	12	1/2	24	7.5	31	25.2

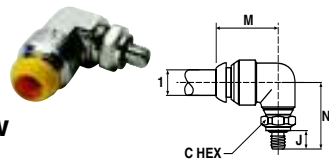


C68PB Adjustable Male Elbow Metric Straight Thread

PART NO.	TUBE SIZE (MM)	THREAD (MM)	C HEX	C4 HEX	M	N
C68PB4M5	4	M5X0.8	11	10	17	18
C68PB6M5	6	M5X0.8	11	10	17	18

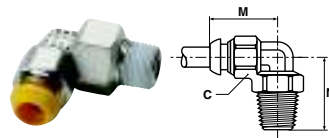
B

C68SPB Compact Adjustable Male Elbow Metric Straight Thread



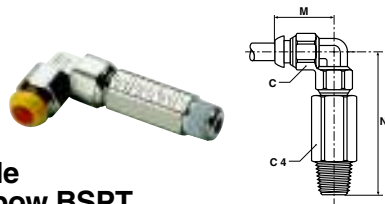
PART NUMBER	TUBE SIZE (MM)	THREAD (MM)	C HEX	J	M	N
C68SPB4M5	4	M5X0.8	12.5	5	17	18
C68SPB6M5	6	M5X0.8	12.5	5	17	18

C3PB Compact Elbow BSPT



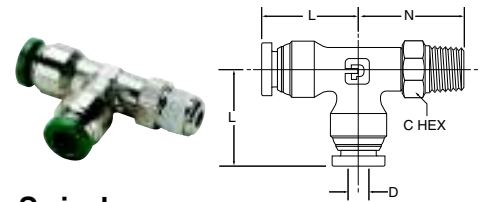
PART NO.	TUBE SIZE (MM)	BSPT	C HEX	M	N
C3PB4-1/8	4	1/8	14	18	21
C3PB6-1/8	6	1/8	14	20	21
C3PB6-1/4	6	1/4	14	20	21
C3PB8-1/8	8	1/8	14	22	23
C3PB8-1/4	8	1/4	14	22	23
C3PB10-1/4	10	1/4	17	28	26
C3PB10-3/8	10	3/8	17	28	26
C3PB12-3/8	12	3/8	17	30	27
C3PB12-1/2	12	1/2	17	30	31
C3PB14-3/8	14	3/8	20	34	30
C3PB14-1/2	14	1/2	20	34	33

C63LPB Adjustable Extended Male Elbow BSPT



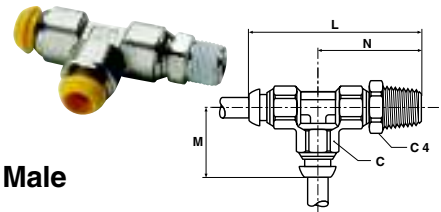
PART NO.	TUBE SIZE (MM)	BSPT	C HEX	C4 HEX	M	N
C63LPB4-1/8	4	1/8	10	10	18	42.0
C63LPB4-1/4	4	1/4	10	14	18	46.0
C63LPB6-1/8	6	1/8	12	11	20	45.5
C63LPB6-1/4	6	1/4	12	14	20	49.5
C63LPB8-1/8	8	1/8	14	14	22	50.0
C63LPB8-1/4	8	1/4	14	14	22	52.5

W171PLP Male Run Tee Swivel



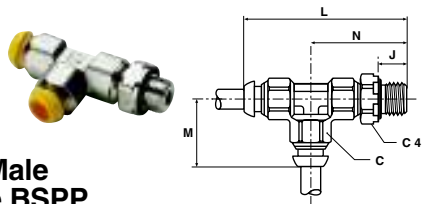
PART NO.	TUBE SIZE (IN)	PIPE THREAD (NPTF)	C HEX	L	N	FLOW DIA. D
W171PLP-2-2	1/8	1/8	7/16	.74	.92	.094
W171PLP-5/32-2	5/32	1/8	7/16	.77	.92	.125
W171PLP-4-2	1/4	1/8	7/16	.85	.92	.156
W171PLP-4-4	1/4	1/4	9/16	.85	1.10	.156
W171PLP-4-6	1/4	3/8	11/16	.85	1.24	.156
W171PLP-5-2	5/16	1/8	9/16	.97	1.02	.250
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	.312
W171PLP-8-8	1/2	1/2	7/8	1.15	1.52	.312

R63PB Swivel Male Run Tee BSPT



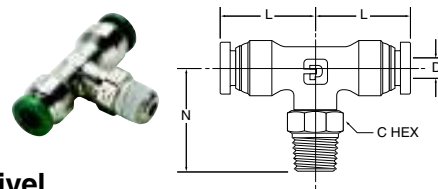
PART NO.	TUBE SIZE (MM)	BSPT	C HEX	C4 HEX	L	M	N
R63PB4-1/8	4	1/8	10	10	44.5	18	26.5
R63PB4-1/4	4	1/4	10	14	48.0	18	30.0
R63PB6-1/8	6	1/8	12	11	48.0	20	28.0
R63PB6-1/4	6	1/4	12	14	51.0	20	31.0
R63PB8-1/8	8	1/8	14	14	52.0	22	30.0
R63PB8-1/4	8	1/4	14	14	55.0	22	33.0
R63PB8-3/8	8	3/8	14	17	56.5	22	34.5
R63PB10-1/4	10	1/4	17	17	68.0	28	40.0
R63PB10-3/8	10	3/8	17	17	67.0	28	39.0
R63PB12-1/4	12	1/4	22	19	72.0	30	42.0
R63PB12-3/8	12	3/8	22	19	71.0	30	41.0
R63PB12-1/2	12	1/2	22	22	74.5	30	44.5
R63PB14-3/8	14	3/8	25	22	80.0	34	46.0
R63PB14-1/2	14	1/2	25	22	82.5	34	48.5

B



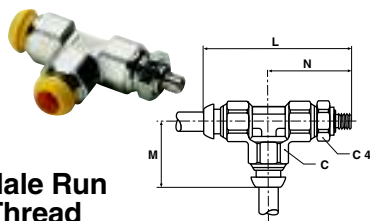
R64PB Swivel Male Branch Run Tee BSPP

PART NO.	TUBE SIZE (MM)	BSPP	C HEX	C4 HEX	J	L	M	N
R64PB4-1/8	4	1/8	10	13	4.7	41.4	18	23.4
R64PB4-1/4	4	1/4	10	16	6.0	43.2	18	25.2
R64PB6-1/8	6	1/8	12	13	4.7	46.1	20	26.1
R64PB6-1/4	6	1/4	12	16	6.0	46.4	20	26.4
R64PB8-1/8	8	1/8	14	13	4.7	50.1	22	28.1
R64PB8-1/4	8	1/4	14	16	6.0	50.4	22	28.4
R64PB8-3/8	8	3/8	14	20	6.5	52.6	22	30.6
R64PB10-1/4	10	1/4	17	16	6.0	62.9	28	34.9
R64PB10-3/8	10	3/8	17	20	6.5	65.4	28	37.4
R64PB12-1/4	12	1/4	22	19	6.0	65.5	29	36.5
R64PB12-3/8	12	3/8	22	22	6.5	68.0	29	39.0
R64PB14-3/8	14	3/8	25	22	6.5	78.7	34	44.7
R64PB14-1/2	14	1/2	25	24	7.5	78.3	34	44.3



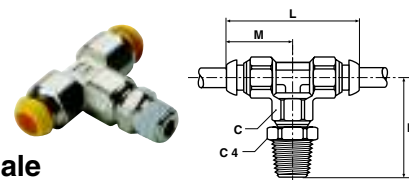
W172PLP Male Branch Tee Swivel

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	.156
W172PLP-4-4	1/4	1/4	9/16	.85	1.10	.156
W172PLP-4-6	1/4	3/8	11/16	.85	1.10	.156
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	.312
W172PLP-8-6	1/2	3/8	11/16	1.15	1.31	.312
W172PLP-8-8	1/2	1/2	7/8	1.15	1.52	.312



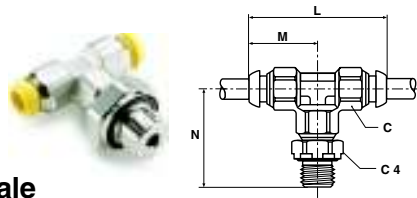
R68PB Adjustable Male Run Tee Metric Straight Thread

PART NO.	TUBE SIZE (MM)	THREAD (MM)	C HEX	C4 HEX	L	M	N
R68PB4M3	4	M3X0.5	10	10	41.0	18	23.0
R68PB4M5	4	M5X0.8	10	10	42.5	18	24.5
R68PB6M5	6	M5X0.8	12	11	45.5	20	25.5



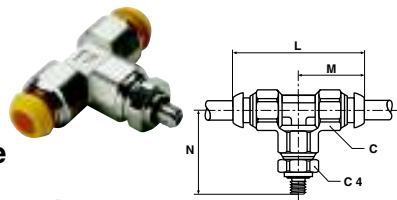
S63PB Swivel Male Branch Tee BSPT

PART NO.	TUBE SIZE (MM)	BSPT	C HEX	C4 HEX	L	M	N
S63PB4-1/8	4	1/8	10	10	36	18	26.5
S63PB4-1/4	4	1/4	10	14	36	18	30.0
S63PB6-1/8	6	1/8	12	11	40	20	28.0
S63PB6-1/4	6	1/4	12	14	40	20	31.0
S63PB8-1/8	8	1/8	14	14	44	22	30.0
S63PB8-1/4	8	1/4	14	14	44	22	33.0
S63PB8-3/8	8	3/8	14	17	44	22	34.5
S63PB10-1/4	10	1/4	17	17	56	28	40.0
S63PB10-3/8	10	3/8	17	17	56	28	39.0
S63PB12-1/4	12	1/4	22	19	60	30	42.0
S63PB12-3/8	12	3/8	22	19	60	30	41.0
S63PB12-1/2	12	1/2	22	22	60	30	44.5
S63PB14-3/8	14	3/8	25	22	68	34	46.0
S63PB14-1/2	14	1/2	25	22	68	34	48.5



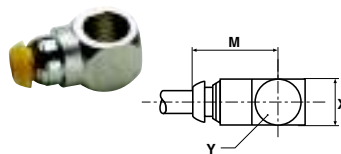
S64PB Swivel Male Branch Tee BSPP

PART NO.	TUBE SIZE (MM)	BSPP	C HEX	C4 HEX	L	M	N
S64PB4-1/8	4	1/8	10	13	36	18	23.4
S64PB4-1/4	4	1/4	10	16	36	18	25.2
S64PB6-1/8	6	1/8	12	13	40	20	26.1
S64PB6-1/4	6	1/4	12	16	40	20	26.4
S64PB8-1/8	8	1/8	14	13	44	22	28.1
S64PB8-1/4	8	1/4	14	16	44	22	28.4
S64PB8-3/8	8	3/8	14	20	44	22	30.6
S64PB10-1/4	10	1/4	17	16	56	28	34.9
S64PB10-3/8	10	3/8	17	20	56	28	37.4
S64PB12-1/4	12	1/4	22	19	58	29	36.5
S64PB12-3/8	12	3/8	22	22	58	29	39.0
S64PB14-3/8	14	3/8	25	22	68	34	44.7
S64PB14-1/2	14	1/2	25	24	68	34	44.3



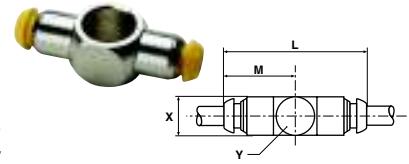
S68PB Adjustable Male Branch Tee Metric Straight Thread

PART NO.	TUBE SIZE (MM)	THREAD (MM)	C HEX	C4 HEX	L	M	N
S68PB4M3	4	M3X0.5	10	10	36	18	23.0
S68PB4M5	4	M5X0.8	10	10	36	18	24.5
S68PB6M5	6	M5X0.8	12	11	40	20	25.5



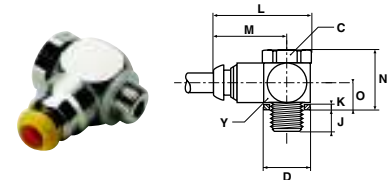
CORPB Single Banjo Body Only

PART NO.	TUBE SIZE (MM)	PART NO. SINGLE BOLT	PART NO. STACKING BOLT	M	X	Y
CORPB4-5	4	SC8UM5-4	SC8UDM5-4	19.0	10	10
CORPB4-10	4	SC4U1/8-4	SC4UD1/8-4	22.5	14	14
CORPB6-10	6	SC4U1/8-4	SC4UD1/8-4	23.0	14	14
CORPB6-13	6	SC4U1/4-6	SC4UD1/4-6	24.5	14	17
CORPB8-10	8	SC4U1/8-4	SC4UD1/8-4	24.0	14	14
CORPB8-13	8	SC4U1/4-6	SC4UD1/4-6	25.5	14	17
CORPB10-17	10	SC4U3/8-10	SC4UD3/8-10	32.0	17	22



CORPBD Double Banjo Body Only

PART NO.	TUBE SIZE (MM)	PART NO. SINGLE BOLT	PART NO. STACKING BOLT	L	M	X	Y
CORPBD45	4	SC8UM5-4	SC8UDM5-4	38	19.0	10	10
CORPBD410	4	SC4U1/8-4	SC4UD1/8-4	45	22.5	14	14
CORPBD610	6	SC4U1/8-4	SC4UD1/8-4	46	23.0	14	14
CORPBD613	6	SC4U1/4-6	SC4UD1/4-6	49	24.5	14	17
CORPBD810	8	SC4U1/8-4	SC4UD1/8-4	48	24.0	14	14



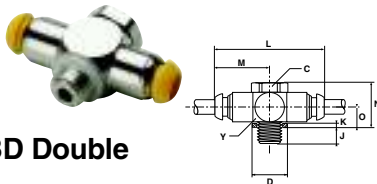
COR8PB/COR4PB Single Banjo Assembled

PART NO.	TUBE SIZE (MM)	BSPP	C HEX	D	J	K	L	M	N	O	Y
COR8PB4M5	4	M5X0.8	8	8.2	4.5	1.0	24.0	19.0	13.5	6.0	10
COR4PB4-1/8	4	1/8	14	14.4	6.0	1.5	29.5	22.5	19.5	8.5	14
COR4PB6-1/8	6	1/8	14	14.4	6.0	1.5	30.0	23.0	19.5	8.5	14
COR4PB6-1/4	6	1/4	17	18.4	9.0	2.0	33.0	24.5	21.0	9.0	17
COR4PB8-1/8	8	1/8	14	14.4	6.0	1.5	31.0	34.0	19.5	8.5	14
COR4PB8-1/4	8	1/4	17	18.4	9.0	2.0	34.0	25.5	21.0	9.0	17
COR4PB10-3/8	10	3/8	22	21.6	9.0	2.5	43.0	32.0	25.5	11.0	22

These parts are delivered complete with sealing washer.

B

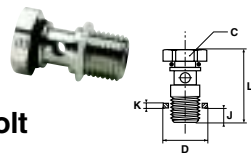
B



COR8PBD/COR4PBD Double Banjo Assembled

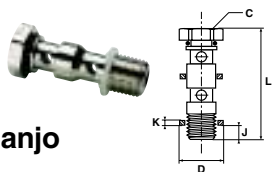
PART NO.	TUBE SIZE (MM)	BSPP	C HEX	D	J	K	L	M	N	O	Y
COR8PB4DM5	4	M5X0.8	8	8.2	4.5	1.0	38	19.0	13.5	6.0	10
COR4PB4D1/8	4	1/8	14	14.4	6.0	1.5	45	22.5	19.5	8.5	14
COR4PB6D1/8	6	1/8	14	14.4	6.0	1.5	46	23.0	19.5	8.5	14
COR4PB6D1/4	6	1/4	17	18.4	9.0	2.0	49	24.5	21.0	9.0	17
COR4PB8D1/8	8	1/8	14	14.4	6.0	1.5	48	24.0	19.5	8.5	14

These parts are delivered complete with sealing washer.



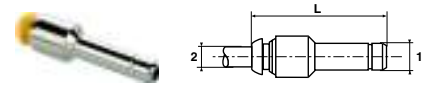
SC8U/SC4U Single Banjo Bolt with Seals BSPP

PART NO.	BSPP	C HEX	D	J	K	L
SC8UM5-4	M5X0.8	8	8.2	4.5	1.0	18.5
SC4U1/8-4	1/8	14	14.4	6.0	1.5	25.5
SC4U1/4-6	1/4	17	18.4	9.0	2.0	30.0
SC4U3/8-10	3/8	22	21.6	9.0	2.5	34.5



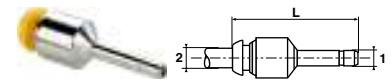
SC8UD/SC4UD Stacking Banjo Bolt with Seals BSPP

PART NO.	BSPP	C HEX	D	J	K	L
SC8UDM5-4	M5X0.8	8	8.2	4.5	1.0	29.5
SC4UD1/8-4	1/8	14	14.4	6.0	1.5	41.0
SC4UD1/4-6	1/4	17	18.4	9.0	2.0	46.0



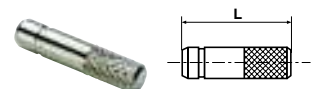
TRPB Tube End Reducer

PART NO.	TUBE 1 SIZE (MM)	TUBE 2 SIZE (MM)	L
TRPB6-4	6	4	40.0
TRPB8-4	8	4	39.5
TRPB8-6	8	6	41.5
TRPB10-4	10	4	37.0
TRPB10-6	10	6	43.0
TRPB10-8	10	8	47.5
TRPB12-6	12	6	38.0
TRPB12-8	12	8	44.0
TRPB12-10	12	10	52.0
TRPB14-8	14	8	41.0
TRPB14-10	14	10	51.0
TRPB14-12	14	12	55.0



TEPB Tube End Expander

PART NO.	TUBE 1 SIZE (MM)	TUBE 2 SIZE (MM)	L
TEPB4-6	4	6	39



FNPB Plug

PART NO.	TUBE SIZE (MM)	L
FNPB4	4	27
FNPB6	6	27
FNPB8	8	30
FNPB10	10	30
FNPB12	12	35
FNPB14	14	36