

Prestolok PLP Composite Push-to-Connect Fittings



Prestolok push-to-connect composite fittings with its wide variety configurations allows you to find the perfect product to meet your needs, optimizing the use of your equipment.

Product Features:

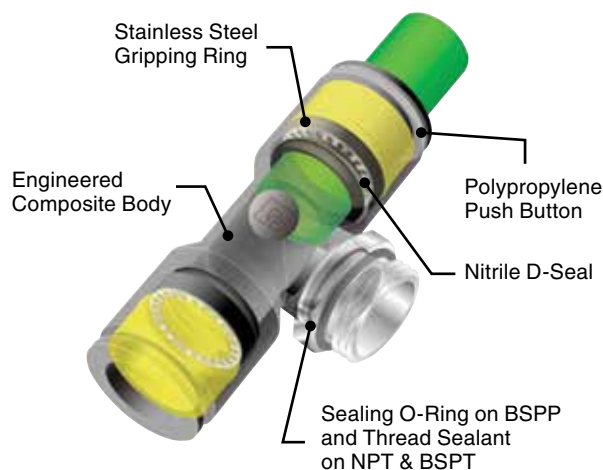
- Stainless steel grab ring
- Glass-reinforced nylon 6.6 body
- Nitrile D-seal
- Nylon release button
- Corrosion and chemical resistance
- NPT, BSPT, BSPP, and metric threads

Markets:

- Pneumatic
- Industrial
- Robotic
- Automation
- Printing
- Packaging
- Textile

Applications:

- Air
- Cutting Fluids
- Inert Gases
- Vacuum



Specifications:

Pressure Range Up to 290 psi depending on tubing (3/16" size only) Up to 260 psi depending on tubing

Temperature Range -4° to +175°F (3/16" size only) 5° to +155°F

Vacuum Capability 28" Hg

Compatible Tubing:

- Semi-rigid nylon
- Polyurethane 95 Durometer Shore A
- Nylon
- Fluoropolymer

Tube to Male NPTF	W369PLP Male Elbow	W369PLPX Extended Male Elbow	W379PLP 45° Male Elbow	W372PLP Male Branch Tee	W371PLP Male Run Tee	W368PLP Male Y Connector
	 p. A16	 p. A18	 p. A18	 p. A19	 p. A21	 p. A23
W369PLPBJ Single Banjo	W369PLPTJ Twin Banjo	W68LF Male Connector	Tube to Male BSPT	W369PLP Male Elbow	W372PLP Male Branch Tee	W369PLPBJ Single Banjo
 p. A24	 p. A26	 p. A14		 p. A16	 p. A20	 p. A24
W68LF Male Connector	Tube to Female NPTF	66LF Female Connector	377PLP Female Branch Tee	370PLP Female Elbow	Tube to Straight Thread	68LFR Male Connector
 p. A15		 p. A14	 p. A21	 p. A24		 p. A15
Tube to Tube	32PLP Union	365PLP Union Elbow	364PLP Union Tee	362PLP Union Y	362PLPD Double Y	24PLP Multiple Tee
	 p. A27	 p. A27	 p. A28	 p. A28	 p. A29	 p. A29
24PLPD Double Multiple Tee	347PLP Cross	32PLPRC Connector for 2 Tubes	Tube to Metric Tube	32PLP Converter Union		
 p. A30	 p. A30	 p. A34		 p. A27		
Bulkhead Unions	32PLPBH Bulkhead Union	365PLPBH Bulkhead Elbow	32PLPBHP Plug-in Bulkhead Union			
	 p. A29	 p. A29	 p. A35			
Standpipes	W68PLPSP Male Standpipe NPTF	W68PLPSP Male Standpipe BSPT	W68PLPSP Male Standpipe BSPP	Plug-ins	369PLPSP Plug-In Elbow	369PLPSPX Extended Plug-In Elbow
	 p. A22	 p. A22	 p. A23		 p. A30	 p. A31
379PLPSP Plug-In 45° Elbow	372PLPSP Plug-In Branch Tee	371PLPSP Plug-In Run Tee	362PLPSP Plug-In Y	67PLP Tube Reducer	32PLPSP Tube Expander	322PLPSP Barbed Connector
 p. A31	 p. A31	 p. A31	 p. A32	 p. A33	 p. A33	 p. A33

Auxiliary Component	63PLP Double Male Union  p. A32	639PLP Plug  p. A33	Clip  p. A34	3151 End Cap  p. A34	3110-3330 End Cap  p. A35		
	W68LF Male Connector  p. A15	W369PLP Male Elbow  p. A17	W369PLPX Extended Male Elbow  p. A18	W379PLP 45° Male Elbow  p. A19	W372PLP Male Branch Tee  p. A20	W371PLP Male Run Tee  p. A22	
Metric Tube to Male BSPT	W368PLP Male Y Connector  p. A23	W368PLPD Double Y Male Connector  p. A24	W369PLPBJ Single Banjo  p. A24	Metric Tube to Male BSPP	68LF Male Connector  p. A16	369PLP Male Elbow  p. A17	369PLPX Extended Male Elbow  p. A18
	379PLP 45° Male Elbow  p. A19	372PLP Male Branch Tee  p. A21	371PLP Male Run Tee  p. A22		368PLP Male Y Connector  p. A23	368PLPD Double Y Male Connector  p. A24	
Metric Tube to NPTF	W68LF Male Connector  p. A15	W369PLP Male Elbow  p. A17	W372PLP Male Branch Tee  p. A20	Metric Tube to Female BSPP	66LF Female Connector  p. A14	370PLP Female Elbow  p. A24	
	68LFR Male Connector  p. A15	Metric Tube to Metric Straight Thread	32PLP Union  p. A27		365PLP Union Elbow  p. A27	364PLP Union Tee  p. A28	362PLP Union Y  p. A28
Metric Tube to Metric Straight Thread	362PLPD Double Union Y  p. A29		24PLP Multiple Tee  p. A29	24PLPD Double Multiple Tee  p. A30	347PLP Cross  p. A30	32PLPRC Connector for 2 Tubes  p. A34	32PLPDRC Connector for 3 Tubes  p. A34
	Metric Bulkhead Unions	32PLPBH Bulkhead Union  p. A29	365PLPBH Bulkhead Elbow  p. A29				

Metric Plug-ins	369PLPSP Plug-In Elbow	369PLPSPX Extended Plug-In Elbow	379PLPSP Plug-In 45° Male Elbow	372PLPSP Plug-In Branch Tee	371PLPSP Plug-In Run Tee	362PLPSP Plug-In Y
	 p. A30	 p. A31	 p. A31	 p. A31	 p. A32	 p. A32
362PLPSPD Double Plug-In Y	67PLP Tube Reducer	32PLPSP Tube Expander	32PLPSP Tube Converter	322PLPSP Barbed Connector	Metric Banjo Fittings	369PLPBJ Single Banjo
 p. A32	 p. A33	 p. A33	 p. A33	 p. A33		 p. A25
369PLPBJB Single Banjo Body	32PLPDJB Double Banjo Body	369PLPTJB Twin Banjo Body	68BJB Single Banjo Bolt	68BJBD Double Banjo Bolt	68BJBT Triple Banjo Bolt	66BJB Female Banjo Bolt
 p. A25	 p. A25	 p. A25	 p. A25	 p. A26	 p. A26	 p. A26
376PLPBJ Banjo with Female Bolt	369PLPTJ Twin Banjo	32PLPDJ Double Banjo	Auxiliary Component	63PLP Double Male Union	639PLP Plug	Clip
 p. A26	 p. A26	 p. A26		 p. A32	 p. A33	 p. A34
3151 End Cap	3110-3330 End Cap					
 p. A34	 p. A35					



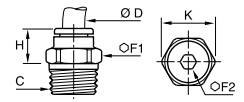
66LF Female Connector BSPP

PART NO.	TUBE SIZE	THREAD BSPP	E MM	F MM	H MM
66LF-4M-M5	4	M5X0.8	6.5	8	19.5
66LF-4M-2G	4	1/8	9.5	13	22.5
66LF-4M-4G	4	1/4	13.5	16	26.5
66LF-6M-2G	6	1/8	9.5	13	24.5
66LF-6M-4G	6	1/4	13.5	16	28.5
66LF-8M-2G	8	1/8	9.5	13	29.0
66LF-8M-4G	8	1/4	13.5	16	33.0
66LF-8M-6G	8	3/8	14.0	19	34.0
66LF-10M-4G	10	1/4	13.5	16	36.0
66LF-10M-6G	10	3/8	14.0	19	36.0
66LF-10M-8G	10	1/2	19.5	24	41.5
66LF-12M-4G	12	1/4	14.0	19	39.5
66LF-12M-6G	12	3/8	14.0	19	40.0
66LF-12M-8G	12	1/2	19.5	24	45.5
66LF-14M-6G	14	3/8	14.0	22	42.5
66LF-16M-8G	16	1/2	15.0	27	49.0



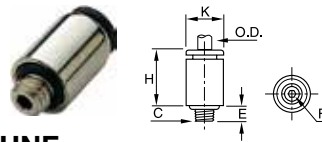
66LF Female Connector NPT

PART NO.	TUBE SIZE	THREAD NPT	F MM	G IN	H IN	E IN
66LF-2-2	1/8	1/8	13	.43	.87	.37
66LF-2-4	1/8	1/4	16	.43	1.05	.55
66LF-4M-2	5/32 (4M)	1/8	13	.33	.89	.37
66LF-4M-4	5/32 (4M)	1/4	16	.33	1.06	.55
66LF-4-2	1/4	1/8	13	.42	.98	.37
66LF-4-4	1/4	1/4	16	.42	1.16	.55
66LF-8M-2	5/16 (8M)	1/8	13	.53	1.14	.37
66LF-8M-4	5/16 (8M)	1/4	16	.53	1.32	.55
66LF-6-2	3/8	1/8	16	.61	1.22	.37
66LF-6-4	3/8	1/4	16	.61	1.40	.55
66LF-6-6	3/8	3/8	22	.61	1.52	.65
66LF-8-4	1/2	1/4	20	.84	1.73	.47
66LF-8-6	1/2	3/8	22	.85	1.81	.65
66LF-8-8	1/2	1/2	24	.85	1.93	.77

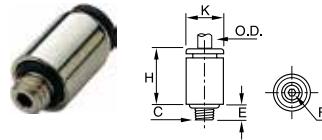


W68LF Male Connector NPT

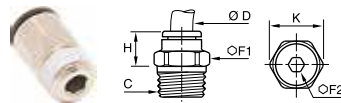
PART NO.	TUBE SIZE	C NPT	F1 MM	F2 IN	H IN	K IN
W68LF-2-1	1/8	1/16	10	.07	.413	.433
W68LF-2-2	1/8	1/8	11	.07	.283	.472
W68LF-2-4	1/8	1/4	14	.07	.315	.591
W68LF-4M-2	5/32 (4M)	1/8	11	.11	.334	.472
W68LF-4M-4	5/32 (4M)	1/4	14	.11	.275	.590
W68LF-4-2	1/4	1/8	11	.16	.472	.472
W68LF-4-4	1/4	1/4	14	.16	.374	.590
W68LF-4-6	1/4	3/8	18	.19	.295	.767
W68LF-8M-2	5/16 (8M)	1/8	13	.19	.787	.551
W68LF-8M-4	5/16 (8M)	1/4	14	.25	.661	.590
W68LF-8M-6	5/16 (8M)	3/8	18	.25	.464	.767
W68LF-6-2	3/8	1/8	16	.16	.894	.689
W68LF-6-4	3/8	1/4	16	.28	.807	.689
W68LF-6-6	3/8	3/8	18	.28	.689	.767
W68LF-6-8	3/8	1/2	22	.28	.610	.945
W68LF-8-4	1/2	1/4	22	.25	1.100	.945
W68LF-8-6	1/2	3/8	22	.28	1.100	.945
W68LF-8-8	1/2	1/2	22	.28	1.100	.945

**68LFR Male Connector UNF**

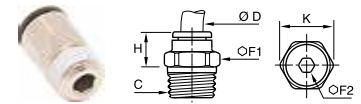
PART NO.	TUBE SIZE	C UNF	E IN	F MM	H IN	K IN
68LFR-2-0	1/8	10-32	.13	2.0	.49	.32
68LFR-4M-0	5/32 (4M)	10-32	.13	2.0	.54	.34
68LFR-4-1	1/4	1/16	-	3.0	.63	.42
68LFR-4-0	1/4	10-32	.13	2.0	.64	.46
68LFR-4-M5	1/4	M5	.14	2.5	.65	.41
68LFR-4-M7	1/4	M7	.18	4.0	.65	.41

**68LFR Male Connector Metric Straight Thread**

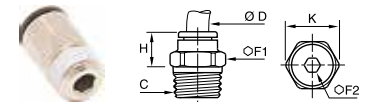
PART NO.	TUBE SIZE	C UNF	E MM	F MM	H MM	K MM
68LFR-4M-M7	4	M7X1	4.6	3	14	9.95
68LFR-4M-M5	4	M5X0.8	3.5	2.5	14.5	8.50
68LFR-6M-M7	6	M7X1	4.6	3	16	9.90

**W68LF Male Connector BSPT**

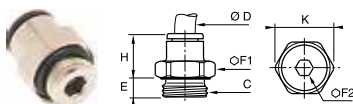
PART NO.	TUBE SIZE	C BSPT	F1 MM	F2 MM	H IN	K IN
W68LF-2-2R	1/8	1/8	10	2	.335	.433
W68LF-5/32-2R	5/32	1/8	10	3	.370	.430
W68LF-5/32-4R	5/32	1/4	14	3	.260	.590
W68LF-3-2R	3/16	1/8	11	3	.610	.510
W68LF-3-4R	3/16	1/4	14	3	.590	.650
W68LF-4-2R	1/4	1/8	11	4	.472	.472
W68LF-4-4R	1/4	1/4	14	4	.374	.591
W68LF-5-2R	5/16	1/8	13	5	.790	.550
W68LF-5-4R	5/16	1/4	14	6	.670	.590
W68LF-5-6R	5/16	3/8	17	6	.510	.730
W68LF-5-8R	5/16	1/2	21	6	.470	.910
W68LF-6-4R	3/8	1/4	16	7	.807	.689
W68LF-6-6R	3/8	3/8	17	7	.650	.728
W68LF-6-8R	3/8	1/2	21	7	.551	.906
W68LF-8-4R	1/2	1/4	22	6	1.060	.945
W68LF-8-6R	1/2	3/8	22	7	1.020	.945
W68LF-8-8R	1/2	1/2	24	7	.807	1.020

**W68LF Male Connector Metric to NPT**

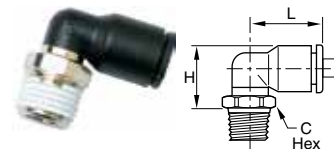
PART NO.	TUBE SIZE (MM)	C NPT	F1 MM	F2 IN	H IN	K IN
W68LF-4M-2	4	1/8	11	3	.33	.47
W68LF-4M-4	4	1/4	14	3	.28	.59
W68LF-6M-2	6	1/8	11	4	.45	.47
W68LF-6M-4	6	1/4	14	4	.33	.59
W68LF-8M-2	8	1/8	13	5	.79	.55
W68LF-8M-4	8	1/4	14	6	.66	.59
W68LF-8M-6	8	3/8	18	6	.46	.77
W68LF-10M-4	10	1/4	16	7	.79	.69
W68LF-10M-6	10	3/8	18	8	.65	.77
W68LF-10M-8	10	1/2	22	8	.55	.95
W68LF-12M-6	12	3/8	19	9	.95	.83
W68LF-12M-8	12	1/2	22	10	.77	.95

**W68LF Male Connector Metric to BSPT**

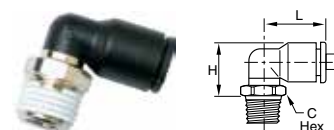
PART NO.	TUBE SIZE (MM)	C BSPT	F1 MM	F2 MM	H MM	K MM
W68LF-4M-2R	4	1/8	10	3	9.5	11.0
W68LF-4M-4R	4	1/4	14	3	6.5	15.0
W68LF-4M-6R	4	3/8	17	3	8.0	18.5
W68LF-6M-2R	6	1/8	11	4	11.5	11.0
W68LF-6M-4R	6	1/4	14	4	8.5	15.0
W68LF-6M-6R	6	3/8	17	4	8.5	18.5
W68LF-6M-8R	6	1/2	21	4	9.0	23.0
W68LF-8M-2R	8	1/8	13	5	20.0	14.0
W68LF-8M-4R	8	1/4	14	6	17.0	15.0
W68LF-8M-6R	8	3/8	17	6	13.0	18.5
W68LF-8M-8R	8	1/2	21	6	12.0	23.0
W68LF-10M-2R	10	1/8	16	5	22.5	17.5
W68LF-10M-4R	10	1/4	16	7	20.0	17.5
W68LF-10M-6R	10	3/8	17	8	16.5	18.5
W68LF-10M-8R	10	1/2	21	8	14.0	23.0
W68LF-12M-4R	12	1/4	19	7	26.5	21.0
W68LF-12M-6R	12	3/8	19	9	24.0	21.0
W68LF-12M-8R	12	1/2	21	9	19.5	23.0
W68LF-14M-6R	14	3/8	22	9	28.5	24.0
W68LF-14M-8R	14	1/2	24	10	23.5	26.0

**68LF Male Connector Metric to BSPP**

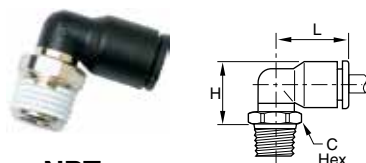
PART NO.	TUBE SIZE (MM)	C BSPP	E MM	F1 MM	F2 MM	H MM	K MM
68LF-3M-M3	3	M3X0.5	2.50	8	-	12.5	8.5
68LF-3M-M5	3	M5X0.8	3.50	8	2.5	12.5	8.5
68LF-4M-M3	4	M3X0.5	2.50	8	-	14.5	8.5
68LF-4M-M5	4	M5X0.8	3.50	8	2.5	14.0	8.5
68LF-4M-M7	4	M7X1	5.00	10	2.5	14.0	11.0
68LF-4M-2G	4	1/8	4.50	13	3.0	11.5	14.0
68LF-4M-4G	4	1/4	5.50	16	3.0	10.5	17.5
68LF-6M-M5	6	M5X0.8	3.50	10	2.5	16.0	11.0
68LF-6M-M7	6	M7X1	5.00	10	3.0	16.0	11.0
68LF-6M-M10	6	M10X1	5.00	13	4.0	13.0	14.0
68LF-6M-M12	6	M12X1.5	5.50	15	4.0	13.0	16.0
68LF-6M-2G	6	1/8	4.50	13	4.0	13.0	14.0
68LF-6M-4G	6	1/4	5.50	16	4.0	12.5	17.5
68LF-6M-6G	6	3/8	5.50	20	4.0	13.0	22.0
68LF-6M-8G	6	1/2	7.50	24	4.0	20.0	26.0
68LF-8M-M10	8	M10X1	5.00	13	5.0	21.0	14.0
68LF-8M-M12	8	M12X1.5	5.50	15	5.0	21.0	16.0
68LF-8M-2G	8	1/8	4.50	13	5.0	20.5	14.0
68LF-8M-4G	8	1/4	5.50	16	6.0	19.5	17.5
68LF-8M-6G	8	3/8	5.50	20	6.0	18.0	22.0
68LF-8M-8G	8	1/2	7.50	24	6.0	16.5	26.0
68LF-10M-4G	10	1/4	5.50	16	7.0	23.0	17.5
68LF-10M-6G	10	3/8	5.50	20	8.0	19.5	22.0
68LF-10M-8G	10	1/2	7.50	24	8.0	18.5	26.0
68LF-12M-4G	12	1/4	5.50	19	7.0	27.5	21.0
68LF-12M-6G	12	3/8	5.50	20	9.0	27.0	22.0
68LF-12M-8G	12	1/2	7.00	24	10.0	22.5	26.0
68LF-14M-6G	14	3/8	5.50	22	9.0	29.5	24.0
68LF-14M-8G	14	1/2	7.00	24	11.0	28.0	26.0

**W369PLP Male Elbow - NPT**

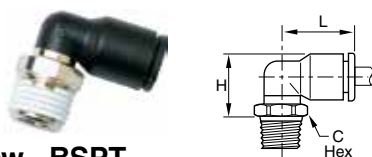
PART NO.	TUBE SIZE (IN)	THREAD NPT / UNF	C HEX (MM)	L	H
369PLP-2-0	1/8	10-32	8	0.57	0.52
W369PLP-2-1	1/8	1/16	10	0.57	0.53
W369PLP-2-2	1/8	1/8	11	0.57	0.53
W369PLP-2-4	1/8	1/4	14	0.57	0.55
369PLP-4M-0	5/32 (4M)	10-32	8	0.55	0.53
W369PLP-4M-2	5/32 (4M)	1/8	11	0.55	0.53
W369PLP-4M-4	5/32 (4M)	1/4	14	0.55	0.55
W369PLP-3-2	3/16	1/8	11	0.85	0.67
369PLP-4-0	1/4	10-32	11	0.71	0.63
W369PLP-4-2	1/4	1/8	11	0.71	0.67
W369PLP-4-4	1/4	1/4	14	0.71	0.63
W369PLP-4-6	1/4	3/8	18	0.71	0.65
W369PLP-8M-2	5/16 (8M)	1/8	11	0.91	0.75
W369PLP-8M-4	5/16 (8M)	1/4	14	0.91	0.71
W369PLP-8M-6	5/16 (8M)	3/8	18	0.91	0.73
W369PLP-6-2	3/8	1/8	15	1.08	0.91
W369PLP-6-4	3/8	1/4	15	1.08	0.91
W369PLP-6-6	3/8	3/8	18	1.08	0.87
W369PLP-6-8	3/8	1/2	22	1.08	0.91
W369PLP-8-4	1/2	1/4	20	1.38	1.22
W369PLP-8-6	1/2	3/8	20	1.38	1.22
W369PLP-8-8	1/2	1/2	24	1.38	1.12

**W369PLP Male Elbow - BSPT**

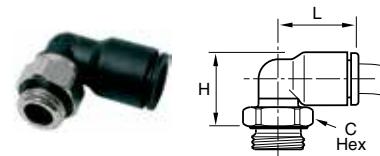
PART NO.	TUBE SIZE (IN)	THREAD BSPT	C HEX (MM)	L	H
W369PLP-2-2R	1/8	1/8	10	0.57	0.53
W369PLP-4M-2R	5/32 (4M)	1/8	10	0.55	0.53
W369PLP-4M-4R	5/32 (4M)	1/4	14	0.55	0.55
W369PLP-3-2R	3/16	1/8	11	0.85	0.67
W369PLP-4-2R	1/4	1/8	10	0.71	0.67
W369PLP-4-4R	1/4	1/4	14	0.71	0.63
W369PLP-8M-2R	5/16 (8M)	1/8	10	0.91	0.75
W369PLP-8M-4R	5/16 (8M)	1/4	14	0.91	0.71
W369PLP-8M-6R	5/16 (8M)	3/8	17	0.91	0.71
W369PLP-8M-8R	5/16 (8M)	1/2	21	0.91	0.77
W369PLP-6-4R	3/8	1/4	15	1.04	0.87
W369PLP-6-6R	3/8	3/8	17	1.04	0.87
W369PLP-8-4R	1/2	1/4	20	1.38	1.22
W369PLP-8-6R	1/2	3/8	20	1.38	1.22
W369PLP-8-8R	1/2	1/2	24	1.38	1.12

**W369PLP Male Elbow - NPT**

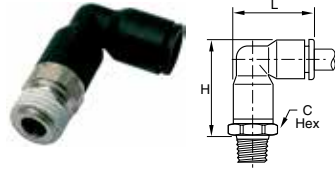
PART NO.	TUBE SIZE (MM)	THREAD NPT	C HEX (MM)	H	L
W369PLP-4M-2	4	1/8	11	.53	.55
W369PLP-4M-4	4	1/4	14	.55	.55
W369PLP-6M-2	6	1/8	11	.61	.63
W369PLP-6M-4	6	1/4	14	.63	.63
W369PLP-8M-2	8	1/8	11	.75	.91
W369PLP-8M-4	8	1/4	14	.71	.91
W369PLP-8M-6	8	3/8	18	.73	.91
W369PLP-10M-4	10	1/4	15	.91	1.04
W369PLP-10M-6	10	3/8	18	.87	1.04
W369PLP-10M-8	10	1/2	22	.91	1.04
W369PLP-12M-6	12	3/8	18	.98	1.22
W369PLP-12M-8	12	1/2	22	1.02	1.22

**W369PLP Male Elbow - BSPT**

PART NO.	TUBE SIZE (MM)	THREAD BSPT	C HEX (MM)	H	L
W369PLP-4M-2R	4	1/8	10	13.5	14.0
W369PLP-4M-4R	4	1/4	14	14.0	14.0
W369PLP-4M-6R	4	3/8	17	13.5	14.0
W369PLP-6M-2R	6	1/8	10	15.5	16.0
W369PLP-6M-4R	6	1/4	14	16.0	16.0
W369PLP-6M-6R	6	3/8	17	16.0	16.0
W369PLP-6M-8R	6	1/2	21	16.5	16.0
W369PLP-8M-2R	8	1/8	10	19.0	23.0
W369PLP-8M-4R	8	1/4	14	18.0	23.0
W369PLP-8M-6R	8	3/8	17	18.0	23.0
W369PLP-8M-8R	8	1/2	21	19.5	23.0
W369PLP-10M-2R	10	1/8	15	23.0	26.5
W369PLP-10M-4R	10	1/4	15	22.0	26.5
W369PLP-10M-6R	10	3/8	17	22.0	26.5
W369PLP-10M-8R	10	1/2	21	22.0	26.5
W369PLP-12M-4R	12	1/4	15	25.0	31.0
W369PLP-12M-6R	12	3/8	17	25.0	31.0
W369PLP-12M-8R	12	1/2	21	25.0	31.0
W369PLP-14M-6R	14	3/8	20	30.5	35.5
W369PLP-14M-8R	14	1/2	24	28.5	35.5
W369PLP-16M-6R	16	3/8	27	53	39.0
W369PLP-16M-8R	16	1/2	27	53	39.0

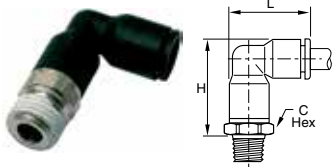
**369PLP Male Elbow - BSPP**

PART NO.	TUBE SIZE (MM)	BSPP / METRIC	C HEX (MM)	H	L
369PLP-3M-M3	3	M3X0.5	8	15.0	14.5
369PLP-3M-M5	3	M5X0.8	8	13.5	14.5
369PLP-4M-M3	4	M3X0.5	8	15.0	14.5
369PLP-4M-M5	4	M5X0.8	8	13.5	14.0
369PLP-4M-M7	4	M7X1	10	15.0	14.0
369PLP-4M-2G	4	1/8	13	13.0	14.0
369PLP-4M-4G	4	1/4	16	13.0	14.0
369PLP-6M-M5	6	M5X0.8	8	15.5	16.0
369PLP-6M-M7	6	M7X1	10	17.5	16.0
369PLP-6M-M10	6	M10X1	13	15.0	14.0
369PLP-6M-M12	6	M12X1.5	15	15.0	16.0
369PLP-6M-2G	6	1/8	13	15.0	16.0
369PLP-6M-4G	6	1/4	16	15.0	16.0
369PLP-6M-6G	6	3/8	20	15.5	16.0
369PLP-6M-8G	6	1/2	24	16.0	16.0
369PLP-8M-M10	8	M10X1	13	20.5	23.0
369PLP-8M-M12	8	M12X1.5	15	19.5	23.0
369PLP-8M-2G	8	1/8	13	20.5	23.0
369PLP-8M-4G	8	1/4	16	18.5	23.0
369PLP-8M-6G	8	3/8	20	18.5	23.0
369PLP-8M-8G	8	1/2	24	19.0	23.0
369PLP-10M-4G	10	1/4	16	23.5	26.5
369PLP-10M-6G	10	3/8	20	22.0	26.5
369PLP-10M-8G	10	1/2	24	22.0	26.5
369PLP-12M-4G	12	1/4	16	26.5	31.0
369PLP-12M-6G	12	3/8	20	25.0	31.0
369PLP-12M-8G	12	1/2	24	25.0	31.0
369PLP-14M-6G	14	3/8	20	32.5	35.5
369PLP-14M-8G	14	1/2	24	27.0	35.5
369PLP-16M-6G	16	3/8	27	54.5	39
369PLP-16M-8G	16	1/2	27	54.5	39



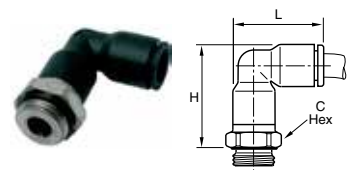
W369PLPX Extended Male Elbow - NPT

PART NO.	TUBE SIZE (IN)	THREAD NPT / UNF	C HEX (MM)	H	L
369PLPX-2-0	1/8	10-32	8	.91	.75
W369PLPX-2-2	1/8	1/8	11	.91	.75
W369PLPX-2-4	1/8	1/4	14	.93	.75
369PLPX-4M-0	5/32 (4M)	10-32	8	.91	.75
W369PLPX-4M-2	5/32 (4M)	1/8	11	.91	.75
W369PLPX-4M-4	5/32 (4M)	1/4	14	.93	.75
369PLPX-4-0	1/4	10-32	11	1.10	.93
369PLPX-4-M7	1/4	M7	9	1.17	.93
W369PLPX-4-2	1/4	1/8	11	1.12	.93
W369PLPX-4-4	1/4	1/4	14	1.08	.93
W369PLPX-4-6	1/4	3/8	17	1.12	.93
W369PLPX-8M-2	5/16 (8M)	1/8	13	1.32	1.16
W369PLPX-8M-4	5/16 (8M)	1/4	14	1.28	1.16
W369PLPX-6-2	3/8	1/8	17	1.40	1.34
W369PLPX-6-4	3/8	1/4	17	1.41	1.33
W369PLPX-6-6	3/8	3/8	18	1.45	1.33



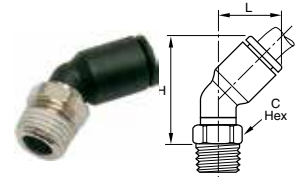
W369PLPX Extended Male Elbow - BSPT

PART NO.	TUBE SIZE (MM)	THREAD BSPT	C HEX (MM)	H	L
W369PLPX-4M-2R	4	1/8	10	23.0	19.0
W369PLPX-4M-4R	4	1/4	14	23.5	19.0
W369PLPX-6M-2R	6	1/8	10	27.0	22.5
W369PLPX-6M-4R	6	1/4	14	27.5	22.5
W369PLPX-8M-2R	8	1/8	13	34.5	29.5
W369PLPX-8M-4R	8	1/4	14	32.5	29.5
W369PLPX-8M-6R	8	3/8	17	33.0	29.5
W369PLPX-10M-4R	10	1/4	15	39.5	34.5
W369PLPX-10M-6R	10	3/8	17	39.5	34.5
W369PLPX-10M-8R	10	1/2	21	39.5	34.5
W369PLPX-12M-4R	12	1/4	19	45.5	40.5
W369PLPX-12M-6R	12	3/8	19	45.5	40.5
W369PLPX-12M-8R	12	1/2	21	45.5	40.5
W369PLPX-14M-6R	14	3/8	21	51.5	46.5
W369PLPX-14M-8R	14	1/2	21	51.5	46.5



369PLPX Extended Male Elbow - BSPP

PART NO.	TUBE SIZE (MM)	BSPP / METRIC	C HEX (MM)	H
369PLPX-4M-M5	4	M5X0.8	8	23.0
369PLPX-4M-M7	4	M7X1	10	22.5
369PLPX-4M-2G	4	1/8	13	22.5
369PLPX-4M-4G	4	1/4	16	22.5
369PLPX-6M-M5	6	M5X0.8	10	27.5
369PLPX-6M-M7	6	M7X1	10	26.0
369PLPX-6M-2G	6	1/8	13	27.0
369PLPX-6M-4G	6	1/4	16	27.0
369PLPX-8M-2G	8	1/8	13	36.0
369PLPX-8M-4G	8	1/4	16	33.0
369PLPX-8M-6G	8	3/8	20	33.0
369PLPX-10M-4G	10	1/4	16	40.5
369PLPX-10M-6G	10	3/8	20	40.5
369PLPX-10M-8G	10	1/2	24	40.5
369PLPX-12M-4G	12	1/4	19	44.5
369PLPX-12M-6G	12	3/8	20	42.0
369PLPX-12M-8G	12	1/2	24	42.0
369PLPX-14M-6G	14	3/8	22	51.0
369PLPX-14M-8G	14	1/2	24	48.5

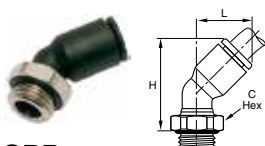


W379PLP Male Elbow 45° - NPT

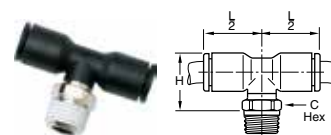
PART NO.	TUBE SIZE (IN)	THREAD NPT / UNF	C HEX (MM)	H	L
379PLP-2-0	1/8	10-32	8	.91	.49
W379PLP-2-2	1/8	1/8	11	.81	.49
W379PLP-4-2	1/4	1/8	11	.98	.57
W379PLP-4-4	1/4	1/4	14	.98	.57
W379PLP-4-M7	1/4	M7	9	1.14	.57
W379PLP-6-4	3/8	1/4	17	1.36	.91
W379PLP-6-6	3/8	3/8	18	1.36	.91

**W379PLP 45° Male Elbow - BSPT**

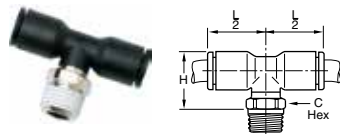
PART NO.	TUBE SIZE (MM)	BSPT	C HEX (MM)	H	L
W379PLP-4M-2R	4	1/8	10	24.5	13.0
W379PLP-6M-2R	6	1/8	10	28.0	14.5
W379PLP-6M-4R	6	1/4	14	30.0	14.5
W379PLP-8M-2R	8	1/8	10	33.5	19.5
W379PLP-8M-4R	8	1/4	14	33.5	19.5
W379PLP-8M-6R	8	3/8	17	33.5	19.5
W379PLP-10M-4R	10	1/4	15	38.5	23.0
W379PLP-10M-6R	10	3/8	17	39.0	23.0
W379PLP-10M-8R	10	1/2	21	40.5	23.0
W379PLP-12M-4R	12	1/4	15	44.0	26.0
W379PLP-12M-6R	12	3/8	17	44.0	26.0
W379PLP-12M-8R	12	1/2	21	46.0	26.0

**379PLP 45° Male Elbow - BSPP**

PART NO.	TUBE SIZE (MM)	BSPP / M5	C HEX (MM)	H	L
379PLP-4M-M5	4	M5X0.8	8	23.0	13.0
379PLP-4M-2G	4	1/8	13	25.0	13.0
379PLP-6M-M5	6	M5X0.8	8	30.0	14.5
379PLP-6M-2G	6	1/8	13	28.5	14.5
379PLP-6M-4G	6	1/4	16	29.5	14.5
379PLP-8M-2G	8	1/8	13	36.0	19.5
379PLP-8M-4G	8	1/4	16	34.5	19.5
379PLP-8M-6G	8	3/8	20	34.5	19.5
379PLP-10M-4G	10	1/4	16	40.5	23.0
379PLP-10M-6G	10	3/8	20	39.0	23.0
379PLP-10M-8G	10	1/2	24	41.0	23.0
379PLP-12M-4G	12	1/4	16	46.0	26.0
379PLP-12M-6G	12	3/8	20	44.5	26.0
379PLP-12M-8G	12	1/2	24	46.0	26.0

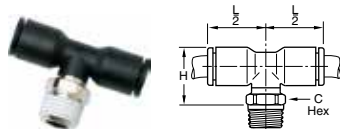
**W372PLP Male Branch Tee - NPT**

PART NO.	TUBE SIZE (IN)	THREAD NPT / UNF	C HEX (MM)	L/2	H
372PLP-2-0	1/8	10-32	8	.57	.61
W372PLP-2-1	1/8	1/16	10	.57	.61
W372PLP-2-2	1/8	1/8	11	.57	.61
W372PLP-2-4	1/8	1/4	14	.57	.63
372PLP-4M-0	5/32 (4M)	10-32	8	.55	.71
W372PLP-4M-4	5/32 (4M)	1/4	14	.55	.63
W372PLP-3-2	3/16	1/8	11	.85	.67
W372PLP-4-2	1/4	1/8	11	.71	.67
W372PLP-4-4	1/4	1/4	14	.71	.63
W372PLP-4-6	1/4	3/8	18	.71	.65
W372PLP-5-2	5/16	1/8	11	.91	.87
W372PLP-5-4	5/16	1/4	14	.91	.83
W372PLP-5-6	5/16	3/8	18	.91	.85
W372PLP-6-2	3/8	1/8	15	1.04	.99
W372PLP-6-4	3/8	1/4	15	1.04	.99
W372PLP-6-6	3/8	3/8	18	1.04	.95
W372PLP-6-8	3/8	1/2	22	1.04	.98
W372PLP-8-4	1/2	1/4	20	1.38	1.22
W372PLP-8-6	1/2	3/8	20	1.38	1.22
W372PLP-8-8	1/2	1/2	24	1.38	1.21



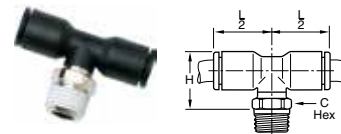
W372PLP Male Branch Tee - BSPT

PART NO.	TUBE SIZE (IN)	THREAD BSPT	C HEX (MM)	L/2	H
W372PLP-2-2R	1/8	1/8	10	.55	.61
W372PLP-4M-2R	5/32 (4M)	1/8	10	.55	.61
W372PLP-4M-4R	5/32 (4M)	1/4	14	.55	.63
W372PLP-3-2R	3/16	1/8	11	.85	.67
W372PLP-3-4R	3/16	1/4	14	.85	.67
W372PLP-4-2R	1/4	1/8	10	.71	.67
W372PLP-4-4R	1/4	1/4	14	.71	.63
W372PLP-8M-2R	5/16 (8M)	1/8	10	.91	.87
W372PLP-8M-4R	5/16 (8M)	1/4	14	.91	.83
W372PLP-8M-6R	5/16 (8M)	3/8	17	.91	.83
W372PLP-6-4R	3/8	1/4	15	1.04	.95
W372PLP-6-6R	3/8	3/8	17	1.04	.95
W372PLP-8-4R	1/2	1/4	20	1.38	1.24
W372PLP-8-6R	1/2	3/8	20	1.38	1.22



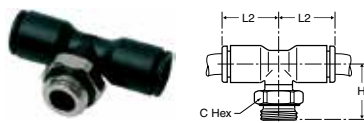
W372PLP Male Branch Tee - NPT

PART NO.	TUBE SIZE (MM)	NPT	C HEX (MM)	H	L/2
W372PLP-4M-2	4	1/8	11	.61	.55
W372PLP-4M-4	4	1/4	14	.63	.55
W372PLP-6M-2	6	1/8	11	.69	.63
W372PLP-6M-4	6	1/4	14	.71	.63
W372PLP-8M-2	8	1/8	11	.87	.91
W372PLP-8M-4	8	1/4	14	.83	.91
W372PLP-8M-6	8	3/8	18	.85	.91
W372PLP-10M-4	10	1/4	15	.98	1.04
W372PLP-10M-6	10	3/8	18	.95	1.04
W372PLP-10M-8	10	1/2	22	.98	1.04
W372PLP-12M-6	12	3/8	18	1.06	1.22
W372PLP-12M-8	12	1/2	22	.98	1.22

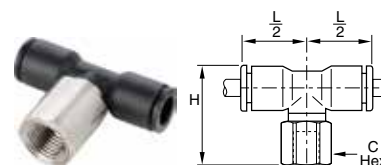


W372PLP Male Branch Tee - BSPT

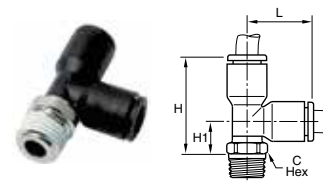
PART NO.	TUBE SIZE (MM)	BSPT	C HEX (MM)	H	L/2
W372PLP-4M-2R	4	1/8	10	15.5	14.0
W372PLP-4M-4R	4	1/4	14	16.0	14.0
W372PLP-6M-2R	6	1/8	10	17.5	16.0
W372PLP-6M-4R	6	1/4	14	18.0	16.0
W372PLP-8M-2R	8	1/8	10	22.0	23.0
W372PLP-8M-4R	8	1/4	14	21.0	23.0
W372PLP-8M-6R	8	3/8	17	21.0	23.0
W372PLP-10M-4R	10	1/4	15	24.0	26.5
W372PLP-10M-6R	10	3/8	17	24.0	26.5
W372PLP-10M-8R	10	1/2	21	24.0	26.5
W372PLP-12M-4R	12	1/4	15	27.0	31.0
W372PLP-12M-6R	12	3/8	17	27.0	31.0
W372PLP-12M-8R	12	1/2	21	27.0	31.0
W372PLP-14M-6R	14	3/8	20	30.5	35.5
W372PLP-14M-8R	14	1/2	24	28.5	35.5
W372PLP-16M-6R	16	3/8	27	53.0	38.5
W372PLP-16M-8R	16	1/2	27	53.0	38.5

**372PLP Male Branch Tee - BSPP**

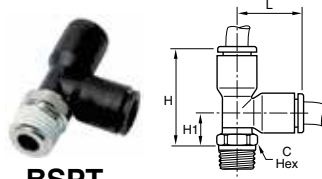
PART NO.	TUBE SIZE (MM)	BSPP / M5	C HEX (MM)	H	L/2
372PLP-4M-M5	4	M5X0.8	8	17.5	14.0
372PLP-4M-2G	4	1/8	13	15.0	14.0
372PLP-4M-4G	4	1/4	16	15.0	14.0
372PLP-6M-M5	6	M5X0.8	8	19.5	16.0
372PLP-6M-2G	6	1/8	13	17.0	16.0
372PLP-6M-4G	6	1/4	16	17.0	16.0
372PLP-8M-2G	8	1/8	13	23.5	23.0
372PLP-8M-4G	8	1/4	16	21.5	23.0
372PLP-8M-6G	8	3/8	20	21.5	23.0
372PLP-10M-4G	10	1/4	16	26.0	26.5
372PLP-10M-6G	10	3/8	20	24.0	26.5
372PLP-10M-8G	10	1/2	24	24.0	26.5
372PLP-12M-4G	12	1/4	16	29.0	31.0
372PLP-12M-6G	12	3/8	20	27.0	31.0
372PLP-12M-8G	12	1/2	24	27.0	31.0
372PLP-14M-6G	14	3/8	20	32.5	35.5
372PLP-14M-8G	14	1/2	24	27.0	35.5
372PLP-16M-6G	16	3/8	27	54.5	38.5
372PLP-16M-8G	16	1/2	27	54.5	38.5

**377PLP Female Branch Tee - NPT**

PART NO.	TUBE SIZE (IN)	THREAD NPT / UNF	C HEX (MM)	L/2	H
377PLP-2-2	1/8	1/8	13	.57	.99
377PLP-4M-2	5/32 (4M)	1/8	13	.55	.91
377PLP-4M-4	5/32 (4M)	1/4	16	.55	1.08
377PLP-4-2	1/4	1/8	13	.71	1.02
377PLP-4-4	1/4	1/4	16	.71	1.18
377PLP-8M-2	5/16 (8M)	1/8	13	.91	1.24
377PLP-8M-4	5/16 (8M)	1/4	16	.91	1.40
377PLP-6-4	3/8	1/4	16	1.04	1.60
377PLP-8-6	1/2	3/8	22	1.38	1.88

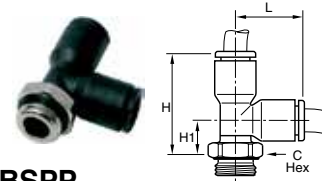
**W371PLP Male Run Tee - NPT**

PART NO.	TUBE SIZE (IN)	THREAD NPT / UNF	C HEX (MM)	L	H	H1
371PLP-2-0	1/8	10-32	8	.57	.92	.35
W371PLP-2-1	1/8	1/16	10	.57	.93	.35
W371PLP-2-2	1/8	1/8	11	.57	.93	.35
371PLP-4M-0	5/32 (4M)	10-32	8	.57	1.02	.45
W371PLP-4M-2	5/32 (4M)	1/8	11	.57	.93	.53
W371PLP-4M-4	5/32 (4M)	1/4	14	.57	.94	.37
W371PLP-3-2	3/16	1/8	11	.85	1.31	.45
W371PLP-4-2	1/4	1/8	11	.69	1.16	.45
W371PLP-4-4	1/4	1/4	14	.69	1.12	.41
W371PLP-4-6	1/4	3/8	18	.69	1.14	.43
W371PLP-8M-2	5/16 (8M)	1/8	11	.91	1.38	.49
W371PLP-8M-4	5/16 (8M)	1/4	14	.91	1.34	.45
W371PLP-8M-6	5/16 (8M)	3/8	18	.91	1.36	.47
W371PLP-6-2	3/8	1/8	15	1.04	1.63	.60
W371PLP-6-4	3/8	1/4	15	1.04	1.63	.60
W371PLP-6-6	3/8	3/8	18	1.04	1.60	.55
W371PLP-6-8	3/8	1/2	22	1.04	1.63	.59
W371PLP-8-4	1/2	1/4	20	1.38	2.17	.79
W371PLP-8-6	1/2	3/8	20	1.38	2.17	.79
W371PLP-8-8	1/2	1/2	24	1.38	2.07	.79



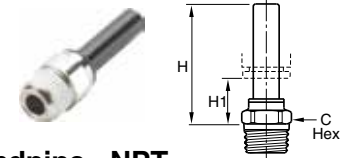
W371PLP Male Run Tee - BSPT

PART NO.	TUBE SIZE (MM)	THREAD BSPT	C HEX (MM)	H	H1	L
W371PLP-4M-2R	4	1/8	10	23.5	9.0	14.5
W371PLP-4M-4R	4	1/4	14	24.0	9.5	14.5
W371PLP-6M-2R	6	1/8	10	27.5	10.0	17.5
W371PLP-6M-4R	6	1/4	14	28.0	10.5	17.5
W371PLP-8M-2R	8	1/8	10	35.0	12.0	23.0
W371PLP-8M-4R	8	1/4	14	34.0	11.0	23.0
W371PLP-8M-6R	8	3/8	17	34.0	11.0	23.0
W371PLP-10M-4R	10	1/4	15	40.5	14.0	26.5
W371PLP-10M-6R	10	3/8	17	40.5	14.0	26.5
W371PLP-10M-8R	10	1/2	21	40.5	14.0	26.5
W371PLP-12M-4R	12	1/4	15	46.5	15.5	31.0
W371PLP-12M-6R	12	3/8	17	46.5	15.5	31.0
W371PLP-12M-8R	12	1/2	21	46.5	15.5	31.0
W371PLP-14M-6R	14	3/8	20	55.0	19.5	35.5
W371PLP-14M-8R	14	1/2	24	52.5	17.5	35.5
W371PLP-16M-6R	16	3/8	27	38.5	78	39.5
W371PLP-16M-8R	16	1/2	27	38.5	78	39.5



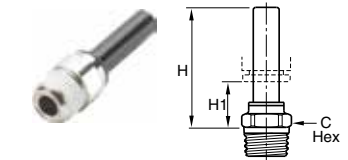
371PLP Male Run Tee - BSPP

PART NO.	TUBE SIZE (MM)	BSPP / M5	C HEX (MM)	H	H1	L
371PLP-4M-M5	4	M5X0.8	8	26.0	11.5	14.5
371PLP-4M-2G	4	1/8	13	23.0	8.5	14.5
371PLP-4M-4G	4	1/4	16	23.0	8.5	14.5
371PLP-6M-M5	6	M5X0.8	8	29.5	12.5	17.5
371PLP-6M-2G	6	1/8	13	27.0	10.0	17.5
371PLP-6M-4G	6	1/4	16	27.0	10.0	17.5
371PLP-8M-2G	8	1/8	13	36.5	14.0	23.0
371PLP-8M-4G	8	1/4	16	34.5	12.0	23.0
371PLP-8M-6G	8	3/8	20	34.5	12.0	23.0
371PLP-10M-4G	10	1/4	16	42.0	15.5	26.5
371PLP-10M-6G	10	3/8	20	40.5	14.0	26.5
371PLP-10M-8G	10	1/2	24	40.5	14.0	26.5
371PLP-12M-4G	12	1/4	16	48.0	17.0	31.0
371PLP-12M-6G	12	3/8	20	46.5	15.5	31.0
371PLP-12M-8G	12	1/2	24	46.5	15.5	31.0
371PLP-14M-6G	14	3/8	20	56.5	21.5	35.5
371PLP-14M-8G	14	1/2	24	51.0	16.0	35.5
371PLP-16M-6G	16	3/8	27	38.5	79.5	41
371PLP-16M-8G	16	1/2	27	38.5	79.5	41



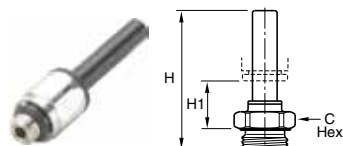
W68PLPSP Male Standpipe - NPT

PART NO.	TUBE SIZE (IN)	THREAD NPT / UNF	C HEX (MM)	H	H1
68PLPSP-4M-0	5/32 (4M)	10-32	8	1.24	
W68PLPSP-4M-2	5/32 (4M)	1/8	11	1.02	.57
W68PLPSP-4M-4	5/32 (4M)	1/4	14	1.04	.59
W68PLPSP-4-2	1/4	1/8	11	1.18	.61
W68PLPSP-4-4	1/4	1/4	14	1.12	.57
W68PLPSP-8M-2	5/16 (8M)	1/8	11	1.16	.43
W68PLPSP-8M-4	5/16 (8M)	1/4	14	1.12	.39
W68PLPSP-6-2	3/8	1/8	15	1.75	.65
W68PLPSP-6-4	3/8	1/4	15	1.42	.67
W68PLPSP-6-6	3/8	3/8	17	1.42	.61
W68PLPSP-8-6	1/2	3/8	17	1.44	.37
W68PLPSP-8-8	1/2	1/2	21	1.46	.39



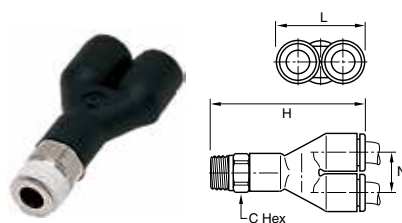
W68PLPSP Male Standpipe - BSPT

PART NO.	TUBE SIZE (MM)	BSPT	C HEX (MM)	H	H1
W68PLPSP-4M-2R	4	1/8	10	26.0	14.0
W68PLPSP-4M-4R	4	1/4	14	26.5	14.5
W68PLPSP-6M-2R	6	1/8	10	28.0	14.0
W68PLPSP-6M-4R	6	1/4	14	28.5	14.5
W68PLPSP-8M-2R	8	1/8	10	29.5	11.0
W68PLPSP-8M-4R	8	1/4	14	28.5	10.0
W68PLPSP-8M-6R	8	3/8	17	28.5	10.0
W68PLPSP-10M-4R	10	1/4	15	36.0	15.5
W68PLPSP-10M-6R	10	3/8	17	36.0	15.5
W68PLPSP-10M-8R	10	1/2	21	36.0	15.5
W68PLPSP-12M-6R	12	3/8	17	36.5	12.0
W68PLPSP-12M-8R	12	1/2	21	36.5	12.0
W68PLPSP-14M-8R	14	1/2	21	41.0	13.5



68PLPSP Male Standpipe - BSPP

PART NO.	TUBE SIZE (MM)	BSPP	C HEX (MM)	H	H1
68PLPSP-4M-M5	4	M5X0.8	8	31.0	16.0
68PLPSP-4M-2G	4	1/8	13	30.0	13.5
68PLPSP-4M-4G	4	1/4	16	31.0	13.5
68PLPSP-6M-2G	6	1/8	13	32.0	13.5
68PLPSP-6M-4G	6	1/4	16	33.0	13.5
68PLPSP-8M-2G	8	1/8	13	35.5	12.5
68PLPSP-8M-4G	8	1/4	16	34.5	10.5
68PLPSP-8M-6G	8	3/8	20	34.5	10.5
68PLPSP-10M-4G	10	1/4	16	43.5	17.5
68PLPSP-10M-6G	10	3/8	20	41.5	15.5
68PLPSP-10M-8G	10	1/2	24	41.5	15.5
68PLPSP-12M-6G	12	3/8	20	42.0	12.0
68PLPSP-12M-8G	12	1/2	24	43.5	12.0
68PLPSP-14M-6G	14	3/8	20	46.5	14.0
68PLPSP-14M-8G	14	1/2	24	48.0	13.5



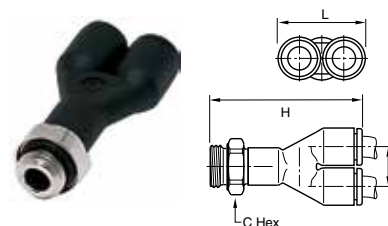
W368PLP Male Y Connector - NPT

PART NO.	TUBE SIZE (IN)	THREAD NPT	C HEX (MM)	H	L	N
W368PLP-4M-2	5/32 (4M)	1/8	11	1.28	.69	.35
W368PLP-4M-4	5/32 (4M)	1/4	14	1.30	.69	.35
W368PLP-4-2	1/4	1/8	11	1.61	.87	.45
W368PLP-4-4	1/4	1/4	14	1.56	.87	.45
W368PLP-6-4	3/8	1/4	17	2.24	1.30	.67
W368PLP-6-6	3/8	3/8	18	2.28	1.30	.67



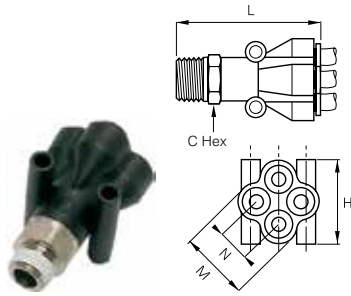
W368PLP Male Y Connector - BSPT

PART NO.	TUBE SIZE (MM)	BSPT	C HEX (MM)	H	L	N
W368PLP-4M-2R	4	1/8	10	32.5	17.5	9.0
W368PLP-4M-4R	4	1/4	14	33.0	17.5	9.0
W368PLP-6M-2R	6	1/8	10	39.5	21.5	1.0
W368PLP-6M-4R	6	1/4	14	40.0	21.5	1.0
W368PLP-8M-2R	8	1/8	13	56.5	28.0	14.5
W368PLP-8M-4R	8	1/4	14	55.5	28.0	14.5
W368PLP-8M-6R	8	3/8	16	48.5	28.0	14.5
W368PLP-10M-4R	10	1/4	14	60.0	39.0	20.0
W368PLP-10M-6R	10	3/8	16	60.5	39.0	20.0
W368PLP-10M-8R	10	1/2	24	61.0	39.0	20.0
W368PLP-12M-6R	12	3/8	19	66.0	39.0	20.0
W368PLP-12M-8R	12	1/2	21	66.0	39.0	20.0



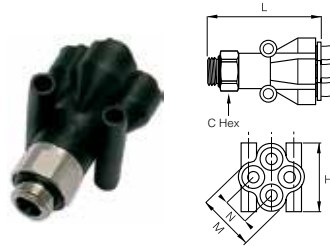
368PLP Male Y Connector - BSPP

PART NO.	TUBE SIZE (MM)	BSPP / M5	C HEX (MM)	H	L	N
368PLP-4M-M5	4	M5X0.8	8	32.5	17.5	9.0
368PLP-4M-2G	4	1/8	13	32.0	17.5	9.0
368PLP-4M-4G	4	1/4	16	32.0	17.5	9.0
368PLP-6M-M5	6	M5X0.8	10	39.5	21.5	11.0
368PLP-6M-2G	6	1/8	13	39.0	21.5	11.0
368PLP-6M-4G	6	1/4	16	39.0	21.5	11.0
368PLP-8M-2G	8	1/8	13	56.0	28.0	14.5
368PLP-8M-4G	8	1/4	16	55.0	28.0	14.5
368PLP-8M-6G	8	3/8	19	54.0	28.0	14.5
368PLP-10M-4G	10	1/4	16	63.5	33.0	17.0
368PLP-10M-6G	10	3/8	20	63.5	33.0	17.0
368PLP-10M-8G	10	1/2	20	65.0	33.0	17.0
368PLP-12M-6G	12	3/8	19	68.0	39.0	20.0
368PLP-12M-8G	12	1/2	24	70.0	39.0	20.0



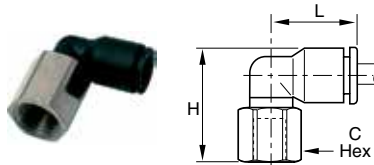
W368PLPD Double Y Male Connector - BSPT

PART NO.	TUBE SIZE (MM)	BSPT	C HEX (MM)	H	L	M	N	MOUNTING HOLE DIA
W368PLPD-4M-2R	4	1/8	13	25.5	41.5	21.0	10.0	3.7
W368PLPD-4M-4R	4	1/4	14	25.5	43.5	21.0	10.0	3.7
W368PLPD-6M-2R	6	1/8	19	31.5	54.5	26.5	12.0	3.7
W368PLPD-6M-4R	6	1/4	19	31.5	57.5	26.5	12.0	3.7



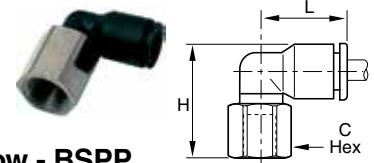
368PLPD Double Y Male Connector - BSPP

PART NO.	TUBE SIZE (MM)	BSPP	C HEX (MM)	H	L	M	N	MOUNTING HOLE DIA
368PLPD-4M-2G	4	1/8	13	25.5	41.0	21.0	10.0	3.7
368PLPD-4M-4G	4	1/4	16	25.5	40.0	21.0	10.0	3.7
368PLPD-6M-2G	6	1/8	19	31.5	52.5	26.5	12.0	3.7
368PLPD-6M-4G	6	1/4	19	31.5	53.5	26.5	12.0	3.7



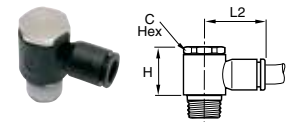
370PLP Female Elbow Swivel - NPT

PART NO.	TUBE SIZE (IN)	THREAD NPT	C HEX (MM)	L	H
370PLP-2-2	1/8	1/8	13	.57	.91
370PLP-4M-2	5/32 (4M)	1/8	13	.55	.91
370PLP-4M-4	5/32 (4M)	1/4	16	.55	1.08
370PLP-4-2	1/4	1/8	13	.71	1.02
370PLP-4-4	1/4	1/4	16	.71	1.18
370PLP-8M-2	5/16 (8M)	1/8	13	.91	1.12
370PLP-8M-4	5/16 (8M)	1/4	16	.91	1.28
370PLP-6-2	3/8	1/8	16	1.04	1.52
370PLP-6-4	3/8	1/4	16	1.04	1.52
370PLP-8-6	1/2	3/8	22	1.38	1.88



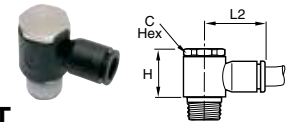
370PLP Female Elbow - BSPP

PART NO.	TUBE SIZE (MM)	BSPP	C HEX (MM)	H	L
370PLP-4M-2G	4	1/8	13	23.0	14.0
370PLP-4M-4G	4	1/4	16	27.0	14.0
370PLP-6M-2G	6	1/8	13	25.0	16.0
370PLP-6M-4G	6	1/4	16	29.0	16.0
370PLP-8M-2G	8	1/8	13	28.0	23.0
370PLP-8M-4G	8	1/4	16	32.0	23.0
370PLP-8M-6G	8	3/8	19	33.0	23.0
370PLP-10M-4G	10	1/4	16	34.5	26.5
370PLP-10M-6G	10	3/8	19	35.0	26.5
370PLP-10M-8G	10	1/2	24	41.0	26.5
370PLP-12M-4G	12	1/4	16	38.0	30.5
370PLP-12M-6G	12	3/8	19	38.5	30.5
370PLP-12M-8G	12	1/2	24	43.5	30.5



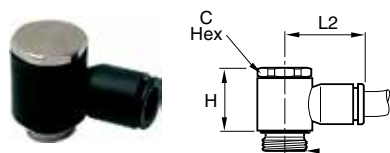
W369PLPBJ Banjo - NPT

PART NO.	TUBE SIZE (IN)	THREAD NPT / UNF	C HEX (MM)	H	L2
369PLPBJ-2-0	1/8	10-32		.79	.65
369PLPBJ-4M-0	5/32 (4M)	10-32		.79	.65
W369PLPBJ-4M-2	5/32 (4M)	1/8	13	.73	.73
369PLPBJ-4-0	1/4	10-32		.79	.73
W369PLPBJ-4-2	1/4	1/8	13	.73	.83
W369PLPBJ-4-4	1/4	1/4	17	.89	.91
W369PLPBJ-4-6	1/4	3/8	21	1.04	1.12
W369PLPBJ-6-4	3/8	1/4	17	.89	1.12
W369PLPBJ-6-6	3/8	3/8	21	1.04	1.20



W369PLPBJ Banjo - BSPT

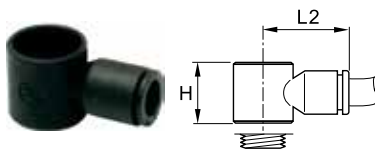
PART NO.	TUBE SIZE (MM)	BSPT	C HEX (MM)	H	L2
W369PLPBJ-4M-2R	4	1/8	13	18.5	18.5
W369PLPBJ-6M-2R	6	1/8	13	18.5	20.0
W369PLPBJ-6M-4R	6	1/4	17	22.5	22.0
W369PLPBJ-8M-2R	8	1/8	13	18.5	25.0
W369PLPBJ-8M-4R	8	1/4	17	22.5	27.0
W369PLPBJ-8M-6R	8	3/8	21	26.5	29.0
W369PLPBJ-10M-4R	10	1/4	17	22.5	29.0
W369PLPBJ-10M-6R	10	3/8	21	26.5	31.0
W369PLPBJ-12M-4R	12	1/4	21	26.5	34.5
W369PLPBJ-12M-6R	12	3/8	21	26.5	34.5
W369PLPBJ-12M-8R	12	1/2	25	30.0	37.0



369PLPBJ Banjo - BSPP

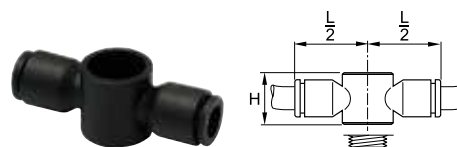
PART NO.	TUBE SIZE (MM)	BSPP / METRIC	C HEX (MM)	H	L2
369PLPBJ-3M-M3*	3	M3X0.5		13.0	16.0
369PLPBJ-4M-M5*	4	M5X0.8		13.0	16.0
369PLPBJ-4M-2G	4	1/8	13	17.0	18.5
369PLPBJ-6M-M5*	6	M5X0.8		13.0	18.5
369PLPBJ-6M-2G	6	1/8	13	17.0	20.0
369PLPBJ-6M-4G	6	1/4	17	21.0	22.0
369PLPBJ-8M-2G	8	1/8	13	16.5	25.0
369PLPBJ-8M-4G	8	1/4	17	21.0	27.0
369PLPBJ-8M-6G	8	3/8	20	24.5	29.0
369PLPBJ-10M-4G	10	1/4	17	21.0	29.0
369PLPBJ-10M-6G	10	3/8	20	24.5	31.0
369PLPBJ-10M-8G	10	1/2	25	27.5	36.5
369PLPBJ-12M-6G	12	3/8	20	24.5	34.5
369PLPBJ-12M-8G	12	1/2	25	27.5	36.5

*With screwdriver slot



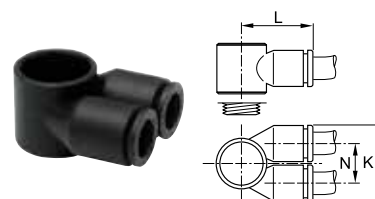
369PLPBJB Banjo Bodies

PART NO.	TUBE SIZE (MM)	BSPP / M5	H	L2
369PLPBJB-4M-M5	4	M5X0.8	13.0	16.0
369PLPBJB-4M-2G	4	1/8	14.5	18.5
369PLPBJB-6M-M5	6	M5X0.8	13.0	18.5
369PLPBJB-6M-2G	6	1/8	14.5	20.0
369PLPBJB-6M-4G	6	1/4	18.0	22.0
369PLPBJB-8M-2G	8	1/8	14.5	25.0
369PLPBJB-8M-4G	8	1/4	18.0	27.0
369PLPBJB-8M-6G	8	3/8	21.5	29.0
369PLPBJB-10M-4G	10	1/4	18.0	29.0
369PLPBJB-10M-6G	10	3/8	21.5	31.0
369PLPBJB-10M-8G	10	1/2	22.5	36.5
369PLPBJB-12M-6G	12	3/8	21.5	34.5
369PLPBJB-12M-8G	12	1/2	22.5	36.5



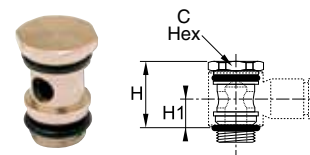
32PLPDJB Double Banjo Bodies

PART NO.	TUBE SIZE (MM)	BSPP / M5	H	L/2
32PLPDJB-4M-M5	4	M5X0.8	13.0	16.0
32PLPDJB-4M-2G	4	1/8	14.4	20.0
32PLPDJB-6M-2G	6	1/8	14.4	20.0
32PLPDJB-6M-4G	6	1/4	18.0	26.0
32PLPDJB-8M-4G	8	1/4	18.0	27.0
32PLPDJB-8M-6G	8	3/8	21.5	30.5
32PLPDJB-10M-6G	10	3/8	21.5	31.0



369PLPTJB Twin Banjo Bodies

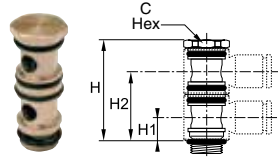
PART NO.	TUBE SIZE (MM)	BSPP / M5	K	L	N
369PLPTJB-4M-M5	4	M5X0.8	17.5	15.5	9.0
369PLPTJB-4M-2G	4	1/8	22.5	20.0	12.0
369PLPTJB-4M-4G	4	1/4	28.0	25.0	14.5
369PLPTJB-6M-2G	6	1/8	22.5	20.5	12.0
369PLPTJB-6M-4G	6	1/4	28.0	25.0	14.5
369PLPTJB-6M-6G	6	3/8	33.0	28.5	17.0
369PLPTJB-8M-4G	8	1/4	28.0	26.0	14.5
369PLPTJB-8M-6G	8	3/8	33.0	29.5	17.0
369PLPTJB-10M-6G	10	3/8	33.0	29.5	17.0



68BJB Single Banjo Bolt

PART NO.	BSPP / M5	C HEX (MM)	H	H1
68BJB-M5*	M5X0.8		17.0	7.5
68BJB-2G	1/8	13	17.0	7.5
68BJB-4G	1/4	17	21.0	9.5
68BJB-6G	3/8	20	24.5	11.0
68BJB-8G	1/2	25	27.5	11.5

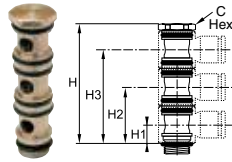
*With screwdriver slot



68BJBD Double Banjo Bolt

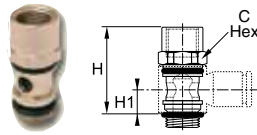
PART NO.	BSPP / M5	C HEX (MM)	H	H1	H2
68BJBD-M5*	M5X0.8		24.5	7.5	18.5
68BJBD-2G	1/8	13	31.0	7.5	22.0
68BJBD-4G	1/4	17	39.0	9.5	27.5
68BJBD-6G	3/8	20	46.0	11.0	32.5

*With screwdriver slot



68BJBT Triple Banjo Bolt

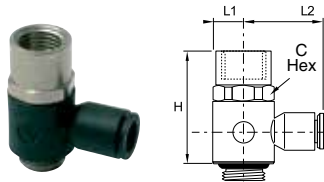
PART NO.	BSPP	C HEX (MM)	H	H1	H2	H3
68BJBT-2G	1/8	13	45.5	7.5	22.0	36.0
68BJBT-4G	1/4	17	54.0	9.5	27.5	45.5
68BJBT-6G	3/8	20	67.5	11.0	32.5	54.0



66BJB Female Threaded Banjo Bolt

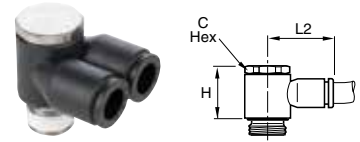
PART NO.	1 BSPP / M5	2 BSPP / M5	C HEX (MM)	H	H1
66BJB-M5*	M5X0.8	M5X0.8	8	17.0	7.5
66BJB-2G	1/8	1/8	13	24.5	7.5
66BJB-4G	1/4	1/4	17	33.0	9.5
66BJB-6G	3/8	3/8	20	37.5	11.0
66BJB-8G	1/2	1/2	25	42.0	11.5

*With screwdriver slot



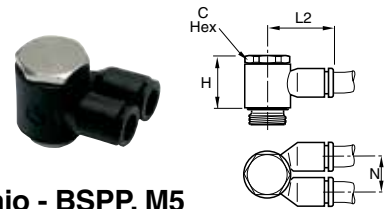
376PLPBJ Banjo with Female Bolt

PART NO.	TUBE SIZE (MM)	BSPP / M5	C HEX (MM)	H	L1	L2
376PLPBJ-4M-M5	4	M5X0.8	8	19.0	5.0	16.0
376PLPBJ-4M-2G	4	1/8	13	25.5	7.0	18.5
376PLPBJ-6M-4G	6	1/4	17	33.0	9.0	22.0
376PLPBJ-8M-6G	8	3/8	20	37.5	11	29.0



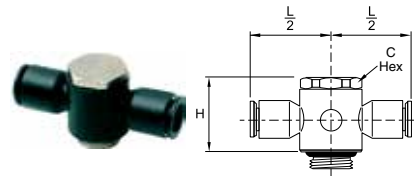
W369PLPTJ Twin Banjo - NPT

PART NO.	TUBE SIZE (IN)	THREAD NPT / UNF	C HEX (MM)	H	L2
369PLPTJ-4M-0	5/32 (4M)	10-32		.63	.61
W369PLPTJ-4M-2	5/32 (4M)	1/8	13	.73	.73
W369PLPTJ-4-2	1/4	1/8	13	.73	.73
W369PLPTJ-4-4	1/4	1/4	17	.89	1.04
W369PLPTJ-6-4	3/8	1/4	21	1.04	1.22
W369PLPTJ-6-6	3/8	3/8	21	1.04	1.22



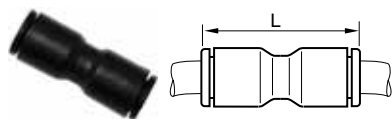
369PLPTJ Twin Banjo - BSPP, M5

PART NO.	TUBE SIZE (MM)	BSPP / M5	C HEX (MM)	H	L2	N
369PLPTJ-4M-M5	4	M5X0.8		13.0	16.0	9.0
369PLPTJ-4M-2G	4	1/8	13	16.5	18.5	11.5
369PLPTJ-6M-2G	6	1/8	13	16.5	18.5	11.5
369PLPTJ-6M-4G	6	1/4	17	21.0	27.0	14.5
369PLPTJ-8M-4G	8	1/4	17	21.0	27.0	14.5
369PLPTJ-8M-6G	8	3/8	20	24.5	31.0	17.0
369PLPTJ-10M-6G	10	3/8	20	24.5	31.0	17.0

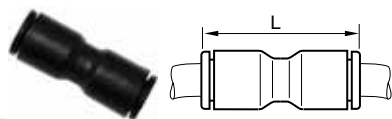


32PLPDJ Double Banjo - BSPP, M5

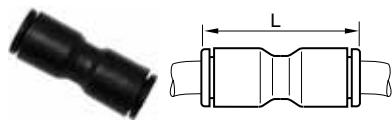
PART NO.	TUBE SIZE (MM)	BSPP / M5	C HEX (MM)	H	L/2
32PLPDJ-4M-M5	4	M5X0.8		13.0	16.0
32PLPDJ-4M-2G	4	1/8	13	17.0	20.0
32PLPDJ-6M-2G	6	1/8	13	17.0	20.0
32PLPDJ-6M-4G	6	1/4	17	21.0	26.5
32PLPDJ-8M-4G	8	1/4	17	21.0	27.0
32PLPDJ-8M-6G	8	3/8	20	24.5	30.5
32PLPDJ-10M-6G	10	3/8	20	24.5	31.0

**32PLP Equal Union**

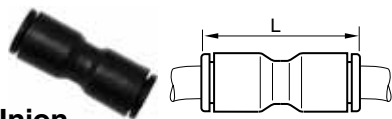
PART NO.	TUBE SIZE (IN)	L
32PLP-2	1/8	.97
32PLP-3	3/16	1.44
32PLP-4	1/4	1.16
32PLP-6	3/8	1.65
32PLP-8	1/2	2.17

**32PLP Unequal Union**

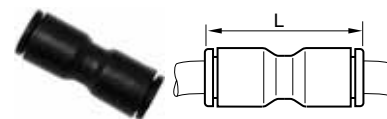
PART NO.	1 TUBE SIZE (IN)	2 TUBE SIZE (IN)	L
32PLP-4M-2	5/32 (4M)	1/8	0.96
32PLP-4M-4	5/32 (4M)	1/4	1.16
32PLP-4-2	1/4	1/8	1.32
32PLP-8M-4	5/16 (8M)	1/4	1.44
32PLP-6-4	3/8	1/4	1.61
32PLP-6-8	3/8	1/2	2.17

**32PLP Union**

PART NO.	TUBE SIZE (MM)	L
32PLP-3M	3	25.0
32PLP-4M	4	25.0
32PLP-6M	6	28.5
32PLP-8M	8	38.0
32PLP-10M	10	42.0
32PLP-12M	12	50.5
32PLP-14M	14	56.0
32PLP-16M	16	60.5

**32PLP Unequal Union**

PART NO.	1 TUBE SIZE (MM)	2 TUBE SIZE (MM)	L
32PLP-3M-4M	3	4	25.0
32PLP-6M-4M	6	4	28.0
32PLP-8M-4M	8	4	28.0
32PLP-8M-6M	8	6	38.0
32PLP-10M-6M	10	6	42.0
32PLP-10M-8M	10	8	42.0
32PLP-12M-10M	12	10	50.5
32PLP-12M-14M	12	14	56.0
32PLP-12M-8M	12	8	50.5
32PLP-16M-12M	16	12	61.0

**32PLP Converter**

PART NO.	TUBE SIZE (IN)	TUBE SIZE (MM)	L
32PLP-6M-4	1/4	6	1.18
32PLP-10M-6	3/8	10	1.99
32PLP-12M-8	1/2	12	2.25

**365PLP Union Elbow**

PART NO.	TUBE SIZE (IN)	L
365PLP-2	1/8	.71
365PLP-3	3/16	1.07
365PLP-4	1/4	.93
365PLP-6	3/8	1.33
365PLP-8	1/2	1.38

**365PLP Unequal Union Elbow**

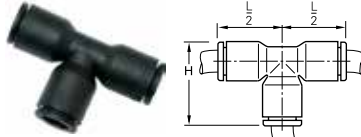
PART NO.	1 TUBE SIZE (IN)	2 TUBE SIZE (IN)	L	H
365PLP-2-4	1/8	1/4	.93	.93
365PLP-4M-4	5/32 (4M)	1/4	.93	.93
365PLP-6-4	3/8	1/4	1.33	1.30
365PLP-6-8	3/8	1/2	1.81	1.81

**365PLP Union Elbow**

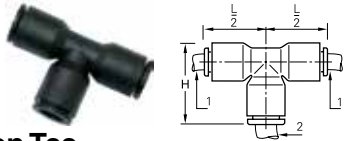
PART NO.	TUBE SIZE (MM)	L
365PLP-4M	4	19.0
365PLP-6M	6	22.5
365PLP-8M	8	29.5
365PLP-10M	10	34.5
365PLP-12M	12	40.5
365PLP-14M	14	46.5
365PLP-16M	16	52.0

**365PLP Unequal Union Elbow**

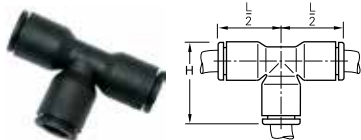
PART NO.	1 TUBE SIZE (MM)	2 TUBE SIZE (MM)	L
365PLP-4M-6M	4	6	22.5
365PLP-6M-8M	6	8	29.5
365PLP-8M-10M	8	10	34.5
365PLP-10M-12M	10	12	40.5

**364PLP Union Tee**

PART NO.	TUBE SIZE (IN)	L/2	H
364PLP-2	1/8	.57	.75
364PLP-3	3/16	.85	1.07
364PLP-4	1/4	.71	.92
364PLP-6	3/8	1.02	1.34
364PLP-8	1/2	1.38	1.81

**364PLP Unequal Union Tee**

PART NO.	1 TUBE SIZE (IN)	2 TUBE SIZE (IN)	L/2	H
364PLP-2-4	1/8	1/4	.71	.93
364PLP-4M-4	5/32 (4M)	1/4	.71	.93
364PLP-4-2	1/4	1/8	.73	.93
364PLP-4-4M	1/4	5/32 (4M)	.73	.93
364PLP-4-6	1/4	3/8	.96	1.32
364PLP-6-4	3/8	1/4	1.00	1.28
364PLP-6-8	3/8	1/2	1.38	1.81
364PLP-8-4	1/2	1/4	1.38	1.81
364PLP-8-6	1/2	3/8	1.38	1.81

**364PLP Union Tee**

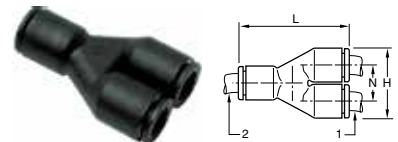
PART NO.	TUBE SIZE (MM)	H	L/2
364PLP-3M	3	19.0	14.5
364PLP-4M	4	19.0	14.5
364PLP-6M	6	23.5	18.0
364PLP-8M	8	29.5	23.0
364PLP-10M	10	34.5	26.5
364PLP-12M	12	40.5	31.0
364PLP-14M	14	46.0	35.5
364PLP-16M	16	52.0	39.0

**364PLP Unequal Union Tee**

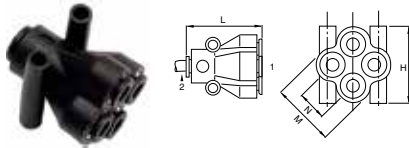
PART NO.	1 TUBE SIZE (MM)	2 TUBE SIZE (MM)	H	L/2
364PLP-4M-6M	4	6	22.5	17.5
364PLP-6M-4M	6	4	22.5	17.5
364PLP-6M-8M	6	8	29.5	23.0
364PLP-8M-6M	8	6	29.5	23.0
364PLP-8M-10M	8	10	34.5	26.5
364PLP-10M-12M	10	12	34.5	26.5
364PLP-10M-8M	10	8	40.5	31.0
364PLP-12M-10M	12	10	40.5	31.0
364PLP-14M-8M	14	8	46.0	35.5
364PLP-16M-12M	16	12	39.0	

**362PLP Union Y**

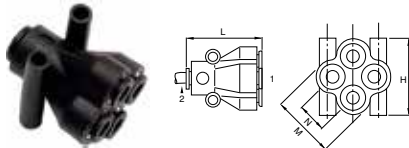
PART NO.	1 TUBE SIZE (IN)	2 TUBE SIZE (IN)	L	H	N
362PLP-2	1/8	1/8	1.12	.69	.35
362PLP-2-4	1/8	1/4	1.42	.87	.45
362PLP-4M-4	5/32 (4M)	1/4	1.42	.87	.45
362PLP-4	1/4	1/4	1.42	.87	.45
362PLP-4-6	1/4	3/8	2.02	1.30	.67
362PLP-6	3/8	3/8	2.09	1.30	.67

**362PLP Union Y**

PART NO.	1 TUBE SIZE (MM)	2 TUBE SIZE (M)	H	L	N
362PLP-4M	4	4	17.5	28.5	9.0
362PLP-6M	6	6	21.5	35.0	11.0
362PLP-8M	8	8	28.0	45.0	14.5
362PLP-10M	10	10	33.0	53.0	17.0
362PLP-12M	12	12	39.0	57.0	20.0
362PLP-4M-6M	4	6	17.5	33.0	9.0
362PLP-6M-8M	6	8	22.5	41.0	11.5
362PLP-8M-10M	8	10	28.0	47.0	14.5
362PLP-10M-12M	10	12	33.0	57.0	17.0

**362PLPD Double Y Connector**

PART NO.	1 TUBE SIZE (IN)	2 TUBE SIZE (IN)	H	L	M	N	MOUNTING HOLE DIA.
362PLPD-4M-4	5/32 (4M)	1/4	1.00	1.18	.83	.39	.15

**362PLPD Double Y Connector**

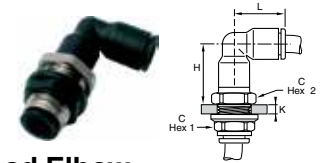
PART NO.	1 TUBE SIZE (MM)	2 TUBE SIZE (MM)	H	L	M	N	MOUNTING HOLE DIA.
362PLPD-4M	4	4	25.5	30.5	21.0	10.0	3.7
362PLPD-6M	6	6	31.5	37.5	26.5	12.0	3.7
362PLPD-4M-6M	4	6	25.5	30.5	21.0	10.0	3.7
362PLPD-6M-8M	6	8	31.5	38.0	26.5	12.0	3.7

**32PLPBH Bulkhead Union**

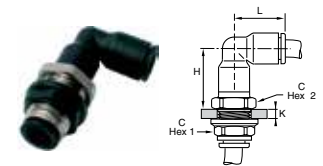
PART NO.	TUBE SIZE (IN)	C HEX (MM)	K MAX	L1	L2	BULKHEAD THREAD	BULKHEAD HOLE DIA.
32PLPBH-2	1/8	13	.22	.37	.61	M10 X 1	12MM
32PLPBH-4	1/4	16	.35	.37	.81	M15 X 1	16MM
32PLPBH-6	3/8	22	.57	.51	1.18	M18 X 1.5	24MM
32PLPBH-8	1/2	29	.81	.67	1.61	M25 X 1.5	26MM

**32PLPBH Bulkhead Union**

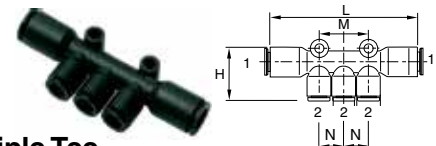
PART NO.	TUBE SIZE (MM)	C HEX (MM)	K MAX	L1	L2	BULKHEAD THREAD	BULKHEAD HOLE DIA.
32PLPBH-4M	4	13	5.5	15.0	10.0	M12 X 1	12MM
32PLPBH-6M	6	15	8.5	18.0	10.5	M14 X 1	14MM
32PLPBH-8M	8	18	14.5	25.0	13.5	M16 X 1	16MM
32PLPBH-10M	10	22	14.5	27.5	15.5	M22 X 1.5	22MM
32PLPBH-12M	12	26	18.5	33.0	18.0	M24 X 1.5	24MM
32PLPBH-14M	14	29	20.5	37.5	20.5	M26 X 1.5	26MM

**365PLPBH Equal Bulkhead Elbow**

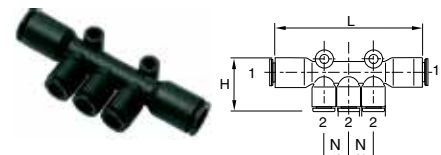
PART NO.	TUBE SIZE (IN)	C1 HEX	C2 HEX	K MAX	H	L	BULKHEAD THREAD	BULKHEAD HOLE DIA.
365PLPBH-2	1/8	13	13	.28	.71	.57	M10 X 1	10MM
365PLPBH-4M	5/32 (4M)		13	.26	.83	.67	M12 X 1	12MM
365PLPBH-4	1/4	18	17	.32	.87	.71	M15 X 1	15MM
365PLPBH-8M	5/16 (8M)		18	.31	1.22	.94	M16 X 1	16MM
365PLPBH-6	3/8	22	22	.33	1.08	1.00	M18 X 1.5	18MM
365PLPBH-8	1/2	29	27	.41	1.54	1.38	M25 X 1.5	25MM

**365PLPBH Equal Bulkhead Elbow**

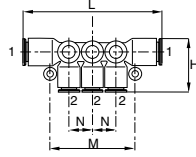
PART NO.	TUBE SIZE (MM)	C1 HEX	C2 HEX	K MAX	H	L	BULKHEAD THREAD	BULKHEAD HOLE DIA.
365PLPBH-4M	4	13	13	6.5	21.0	17.0	M12 X 1	12MM
365PLPBH-6M	6	15	15	7.0	24.5	19.5	M14 X 1	14MM
365PLPBH-8M	8	18	18	8.0	31.0	24.0	M16 X 1	16MM
365PLPBH-10M	10	22	22	8.5	36.0	28.0	M22 X 1.5	22MM
365PLPBH-12M	12	26	26	8.5	42.0	33.0	M24 X 1.5	24MM

**24PLP Multiple Tee**

PART NO.	1 TUBE SIZE (IN)	2 TUBE SIZE (IN)	H	L	M	N	MOUNTING HOLE DIA.
24PLP-4-4M	1/4	5/32 (4M)	0.97	2.81	.90	.45	.17
24PLP-4-4	1/4	1/4	1.22	3.14	1.21	.61	.17
24PLP-6-4	3/8	1/4	1.34	3.21	1.22	.61	.17

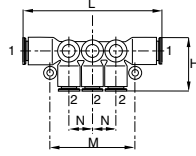
**24PLP Multiple Tee**

PART NO.	1 TUBE SIZE (MM)	2 TUBE SIZE (M)	H	L	N	MOUNTING HOLE DIA.
24PLP-6M-4M	6	4	24.5	74	11.5	4.2
24PLP-8M-4M	8	4	24.5	74	11.5	4.2
24PLP-8M-6M	8	6	24.5	74	11.5	4.2
24PLP-10M-6M	10	6	36.0	81	15.5	4.2
24PLP-10M-8M	10	8	36.0	81	15.5	4.2



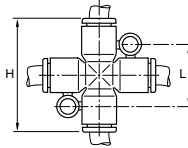
24PLPD Double Multiple Tee

PART NO.	1 TUBE SIZE (IN)	2 TUBE SIZE (IN)	H	L	M	N	MOUNTING HOLE DIA.
24PLPD-4-4M	1/4	5/32 (4M)	.73	2.84	1.69	.45	.17
24PLPD-4-4	1/4	1/4	.73	2.84	1.69	.45	.17
24PLPD-6-4	3/8	1/4	.91	3.31	2.05	.57	.17



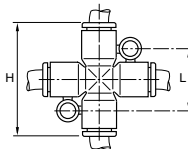
24PLPD Double Multiple Tee

PART NO.	1 TUBE SIZE (MM)	2 TUBE SIZE (MM)	H	L	M	N	MOUNTING HOLE DIA.
24PLPD-6M-4M	6	4	18.5	72.0	43.0	11.5	4.2
24PLPD-8M-4M	8	4	18.5	73.0	43.0	11.5	4.2
24PLPD-8M-6M	8	6	18.5	73.0	43.0	11.5	4.2
24PLPD-10M-6M	10	6	23.0	84.0	52.0	14.5	4.2
24PLPD-10M-8M	10	8	23.5	84.0	52.0	14.5	4.2



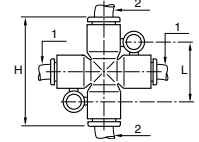
347PLP Equal Cross

PART NO.	TUBE SIZE (IN)	H	L	MOUNTING HOLE DIA.
347PLP-4	1/4	1.40	.79	.17



347PLP Equal Cross

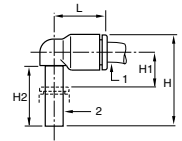
PART NO.	TUBE SIZE (MM)	H	L	MOUNTING HOLE DIA.
347PLP-4M	4	36	20.0	4.2
347PLP-6M	6	36	20.0	4.2
347PLP-8M	8	46	22.5	4.2



347PLP Unequal Cross

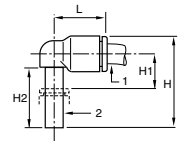
PART NO.	1 TUBE SIZE (MM)	2 TUBE SIZE (MM)	H	L	MOUNTING HOLE DIA.
347PLP-4M-6M	4	6	36	20.0	4.2
347PLP-6M-4M*	6	4	36	20.0	4.2
347PLP-6M-8M	6	8	46	22.5	4.2
347PLP-8M-6M*	8	6	46	22.5	4.2

*This model provides 3 outlines of "TUBE1" and 1 outlet of "TUBE 2".



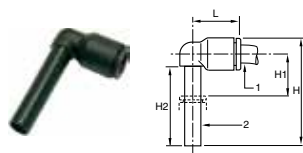
369PLPSP Plug-In Elbow

PART NO.	1 TUBE SIZE (IN)	2 TUBE SIZE (IN)	H	H1	H2	L
369PLPSP-2	1/8	1/8	.92	.31	.64	.57
369PLPSP-4M-4	5/32 (4M)	1/4	1.08	.30	.71	.71
369PLPSP-4	1/4	1/4	1.20	.43	.83	.73
369PLPSP-4-6	1/4	3/8	1.52	.35	.96	.98
369PLPSP-6	3/8	3/8	1.52	.35	.96	1.02
369PLPSP-8	1/2	1/2	2.00	.51	1.12	1.38

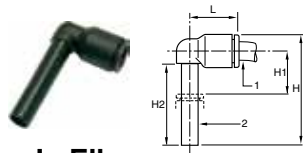


369PLPSP Plug-In Elbow

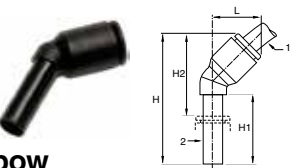
PART NO.	1 TUBE SIZE (MM)	2 TUBE SIZE (M)	H	H1	H2	L
369PLPSP-4M	4	4	23.0	6.0	15.5	14.0
369PLPSP-6M	6	6	26.5	7.0	17.0	16.0
369PLPSP-8M	8	8	33.5	8.0	21.5	23.0
369PLPSP-10M	10	10	39.0	9.5	24.5	23.5
369PLPSP-12M	12	12	44.5	10.0	27.5	31.0
369PLPSP-4M-6M	4	6	26.5	7.0	17.0	16.0
369PLPSP-6M-4M	6	4	24.5	7.0	15.5	16.0
369PLPSP-6M-8M	6	8	33.5	8.0	21.5	22.0
369PLPSP-8M-10M	8	10	39.0	8.5	24.5	26.5
369PLPSP-10M-12M	10	12	44.5	10.0	27.5	31.0

**369PLPSPX Extended Plug-In Elbow**

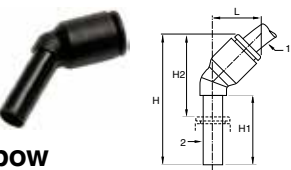
PART NO.	1 TUBE SIZE (IN)	2 TUBE SIZE (IN)	H	H1	H2	L
369PLPSPX-2	1/8	1/8	1.26	.65	.98	.57
369PLPSPX-4	1/4	1/4	1.56	.77	1.18	.71
369PLPSPX-6	3/8	3/8	2.19	1.02	1.63	1.02

**369PLPSPX Extended Plug-In Elbow**

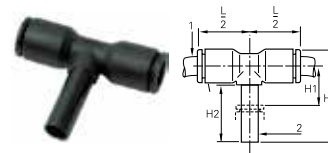
PART NO.	1 TUBE SIZE (MM)	2 TUBE SIZE (MM)	H	H1	H2	L
369PLPSPX-4M	4	4	32.5	15.5	25.0	14.0
369PLPSPX-6M	6	6	38.5	19.0	29.0	16.0
369PLPSPX-8M	8	8	49.0	23.5	37.0	23.0
369PLPSPX-10M	10	10	56.0	26.5	41.5	26.5
369PLPSPX-12M	12	12	62.5	28.0	45.5	31.0
369PLPSPX-4M-6M	4	6	38.5	19.0	29.0	16.0
369PLPSPX-6M-8M	6	8	49.0	23.5	37.0	23.0
369PLPSPX-8M-10M	8	10	56.0	26.5	41.5	26.5
369PLPSPX-10M-12M	10	12	62.5	28.0	45.5	31.0

**379PLPSP 45° Plug-In Elbow**

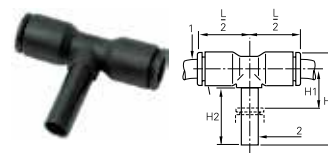
PART NO.	1 TUBE SIZE (IN)	2 TUBE SIZE (IN)	H	H1	H2	L
379PLPSP-2	1/8	1/8	1.14	.59	.69	.47
379PLPSP-4	1/4	1/4	1.44	.71	.87	.57
379PLPSP-6	3/8	3/8	2.00	.96	1.16	.91

**379PLPSP 45° Plug-In Elbow**

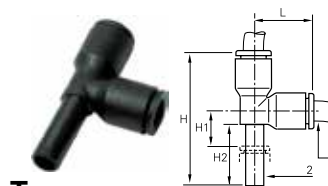
PART NO.	1 TUBE SIZE (MM)	2 TUBE SIZE (MM)	H	H1	H2	L
379PLPSP-4M	4	4	33.5	19.0	21.0	13.0
379PLPSP-6M	6	6	39.0	21.0	25.0	14.5
379PLPSP-8M	8	8	44.0	21.5	25.5	19.5
379PLPSP-10M	10	10	53.0	27.0	32.5	23.0
379PLPSP-12M	12	12	58.5	27.5	34.0	26.5

**372PLPSP Plug-In Branch Tee**

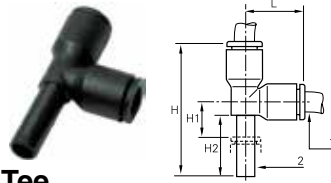
PART NO.	1 TUBE SIZE (IN)	2 TUBE SIZE (IN)	H	H1	H2	L/2
372PLPSP-2	1/8	1/8	.95	.26	.59	.57
372PLPSP-4	1/4	1/4	.98	.43	.77	.73
372PLPSP-6	3/8	3/8	1.61	.35	.96	.98
372PLPSP-8	1/2	1/2	2.01	.51	1.12	1.38

**372PLPSP Plug-In Branch Tee**

PART NO.	1 TUBE SIZE (MM)	2 TUBE SIZE (MM)	H	H1	H2	L/2
372PLPSP-4M	4	4	23.0	6.0	15.5	14.5
372PLPSP-6M	6	6	26.5	7.0	17.0	16.0
372PLPSP-8M	8	8	33.5	8.0	21.5	23.0
372PLPSP-10M	10	10	39.0	9.5	24.5	26.5
372PLPSP-12M	12	12	44.5	10.0	27.5	31.0
372PLPSP-4M-6M	4	6	26.5	7.0	17.0	16.0
372PLPSP-6M-8M	6	8	33.5	8.0	21.5	23.0
372PLPSP-8M-10M	8	10	39.0	9.5	24.5	26.5
372PLPSP-10M-12M	10	12	44.5	10.0	27.5	31.0

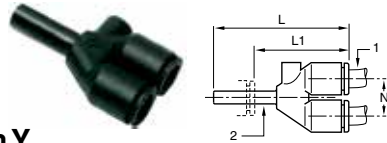
**371PLPSP Plug-In Run Tee**

PART NO.	1 TUBE SIZE (IN)	2 TUBE SIZE (IN)	H	H1	H2	L
371PLPSP-4	1/4	1/4	1.69	.43	.83	.73
371PLPSP-6	3/8	3/8	2.23	.33	.96	1.00
371PLPSP-8	1/2	1/2	2.86	.51	1.12	1.38



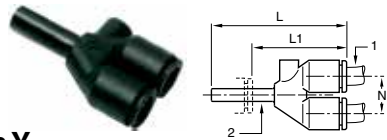
371PLPSP Plug-In Run Tee

PART NO.	1 TUBE SIZE (MM)	2 TUBE SIZE (MM)	H	H1	H2	L
371PLPSP-4M	4	4	33.0	6.0	15.5	14.5
371PLPSP-6M	6	6	38.5	7.0	17.0	17.5
371PLPSP-8M	8	8	49.0	8.0	21.5	23.0
371PLPSP-10M	10	10	57.0	10.5	24.5	26.5
371PLPSP-12M	12	12	65.5	10.5	27.5	31.0
371PLPSP-4M-6M	4	6	10.5	7.0	17.0	17.5
371PLPSP-6M-8M	6	8	13.5	8.0	21.5	23.0
371PLPSP-8M-10M	8	10	16.0	10.5	24.5	26.5
371PLPSP-10M-12M	10	12	19.0	10.5	27.5	31.0



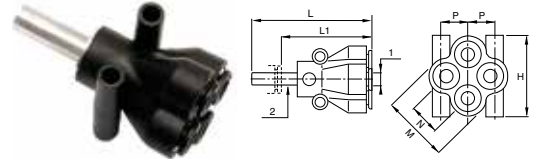
362PLPSP Plug-In Y

PART NO.	1 TUBE SIZE (IN)	2 TUBE SIZE (IN)	L	L1	N
362PLPSP-2	1/8	1/8	1.36	1.00	.35
362PLPSP-4	1/4	1/4	1.60	1.02	.45
362PLPSP-6	3/8	3/8	2.23	1.42	.67



362PLPSP Plug-In Y

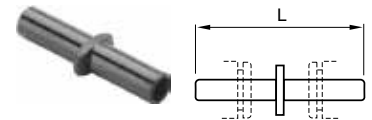
PART NO.	1 TUBE SIZE (MM)	2 TUBE SIZE (M)	L	L1	N
362PLPSP-4M	4	4	34.0	21.5	9.0
362PLPSP-6M	6	6	39.5	25.5	11.0
362PLPSP-8M	8	8	50.5	32.0	14.5
362PLPSP-10M	10	10	57.5	36.0	17.0
362PLPSP-12M	12	12	66.0	41.0	20.0
362PLPSP-4M-6M	4	6	35.5	21.5	9.0
362PLPSP-6M-8M	6	8	44.0	25.5	11.0
362PLPSP-8M-10M	8	10	53.5	32.0	14.5
362PLPSP10M-12M	10	12	60.0	35.0	17.0



362PLPDSP Plug-In Multiple Y

PART NO.	1 TUBE SIZE (MM)	2 TUBE SIZE (M)	H	L	L1	M	N
362PLPDSP-4M-6M	4	6	25.5	45.0	31.0	21.0	10.0
362PLPDSP-4M-8M	4	8	25.5	49.5	31.0	21.0	10.0
362PLPDSP-6M-8M	6	8	31.5	59.5	41.0	26.5	12.0

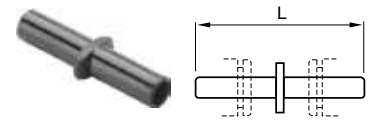
*Aluminum tail piece



63PLP Double Male Union

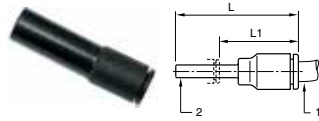
PART NO.	TUBE SIZE (IN)	L
63PLP-4	1/4	1.52
63PLP-6	3/8	2.03
63PLP-8*	1/2	2.13

*Nickel-plated brass

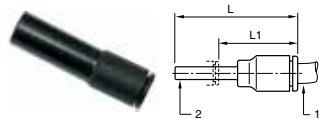


63PLP Double Male Union

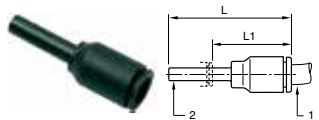
PART NO.	TUBE SIZE (MM)	L
63PLP-4M	4	34 1/2
63PLP-6M	6	38 1/2
63PLP-8M	8	41
63PLP-10M	10	51 1/2
63PLP-12M	12	60
63PLP-14M	14	69 1/2

**67PLP Tube Reducer**

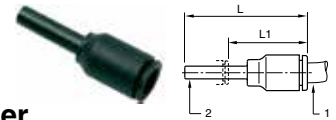
PART NO.	1 TUBE SIZE (IN)	2 TUBE SIZE (IN)	L	L1
67PLP-2-4M	1/8	5/32 (4M)	1.79	1.32
67PLP-2-3	1/8	3/16	1.79	1.14
67PLP-2-4	1/8	1/4	1.79	1.22
67PLP-4M-3	5/32 (4M)	3/16	1.48	.83
67PLP-4M-4	5/32 (4M)	1/4	1.48	.91
67PLP-4M-6	5/32 (4M)	3/8	1.61	.81
67PLP-3-8M	3/16	5/16 (8M)	1.79	1.06
67PLP-3-4	3/16	1/4	1.79	1.22
67PLP-4-8M	1/4	5/16 (8M)	1.61	.89
67PLP-4-6	1/4	3/8	1.61	.81
67PLP-4-8	1/4	1/2	1.97	.98
67PLP-8M-6	5/16 (8M)	3/8	1.93	1.12
67PLP-8M-8	5/16 (8M)	1/2	2.01	1.02
67PLP-6-8	3/8	1/2	2.01	1.04

**67PLP Tube Reducer**

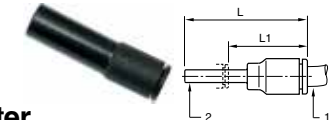
PART NO.	1 TUBE SIZE (MM)	2 TUBE SIZE (MM)	L	L1
67PLP-4M-6M	4	6	37.5	23.5
67PLP-4M-8M	4	8	37.5	19.0
67PLP-6M-8M	6	8	36.0	20.5
67PLP-4M-10M	4	10	44.0	22.5
67PLP-6M-10M	6	10	38.0	17.5
67PLP-8M-10M	8	10	49.0	28.5
67PLP-10M-12M	10	12	56.5	33.5
67PLP-6M-12M	6	12	46.0	23.0
67PLP-8M-12M	8	12	49.0	24.5
67PLP-10M-14M	10	14	58.5	33.5
67PLP-12M-14M	12	14	58.5	33.5
67PLP-6M-14M	6	14	48.0	23.0
67PLP-8M-14M	8	14	48.0	23.0

**32PLPSP Tube Expander**

PART NO.	1 TUBE SIZE (IN)	2 TUBE SIZE (IN)	L	L1
32PLPSP-4-2	1/4	1/8	1.61	1.16
32PLPSP-4-6M	1/4	6M	1.75	1.02
32PLPSP-4-4M	1/4	5/32 (4M)	1.61	1.14
32PLPSP-4-3	1/4	3/16	1.61	1.00
32PLPSP-6-4	3/8	1/4	1.58	1.00

**32PLPSP Tube Expander**

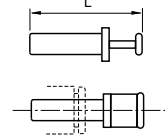
PART NO.	1 TUBE SIZE (MM)	2 TUBE SIZE (MM)	L	L1
32PLPSP-6M-4M	6	4	35.0	23.0
32PLPSP-8M-6M	8	6	45.0	31.5
32PLPSP-10M-8M	10	8	42.5	21.0
32PLPSP-12M-10M	12	10	49.0	24.5

**32PLPSP Tube Converter**

PART NO.	1 TUBE SIZE (IN)	2 TUBE SIZE (MM)	L	L1
32PLPSP-4M-2	1/8	4M	1.61	1.16
32PLPSP-8M-4	1/4	8M	1.58	1.00

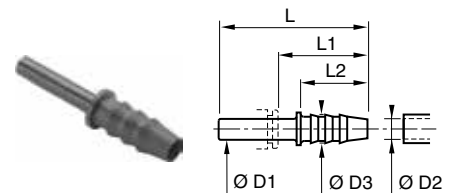
**639PLP Plug Inch**

PART NO.	TUBE SIZE	L
639PLP-2	1/8	1.30
639PLP-3	3/16	1.36
639PLP-4	1/4	1.44
639PLP-6	3/8	1.67
639PLP-8	1/2	1.91

**639PLP Plug Metric**

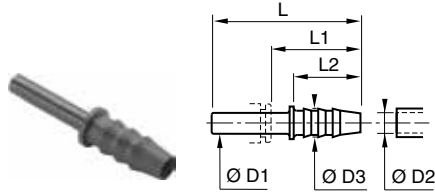
PART NO.	TUBE SIZE	L
639PLP-3M	3	25
639PLP-4M	4	30
639PLP-6M	6	33
639PLP-8M	8	33
639PLP-10M	10	42
639PLP-12M	12	45
639PLP-14M	14	49
639PLP-16M*	16	57

* Nickel Plated Brass

**322PLPSP Barbed Connector**

PART NO.	OD 1	OD 2	OD 3	L	L1	L2
322PLPSP-4M-2	5/32 (4M)	.120	.20	1.46	.98	.67
322PLPSP-4M-5M	5/32 (4M)	.200	.28	1.46	.98	.67
322PLPSP-4-3*	1/4	3/16		1.65	1.00	
322PLPSP-8M-4	5/16 (8M)	.250	.34	1.55	.83	.67
322PLPSP-8M-8M	5/16 (8M)	.320	.39	1.75	1.02	.87
322PLPSP-6-8M	3/8	.320	.39	1.97	1.16	.87
322PLPSP-8-6*	1/2	.375	.57	2.28	1.34	.87

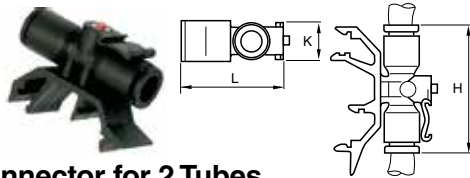
*Nickel-plated brass. Dimensions for OD2 are I.D. of the tube.



322PLPSP Barbed Connector

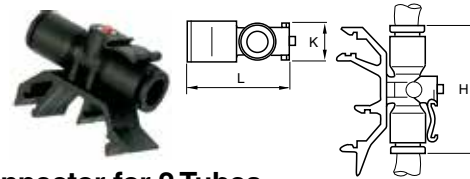
PART NO.	OD 1	OD 2	OD 3	L	L1	L2
322PLPSP-4M-3M	4	3.2	5.0	37.0	25.0	17.0
322PLPSP-4M-5M	4	5.0	7.0	37.0	25.0	17.0
322PLPSP-6M-5M	6	5.0	7.0	39.0	25.0	17.0
322PLPSP-8M-6M	8	6.3	8.5	39.5	21.0	17.0
322PLPSP-8M-8M	8	8.0	10.0	44.5	26.0	22.0
322PLPSP-10M-6M	10	6.3	8.0	45.0	24.5	17.0
322PLPSP-10M-8M	10	8.0	10.0	50.0	29.5	22.0
322PLPSP-12M-8M	12	8.0	10.0	50.0	26.0	22.0
322PLPSP-12M-10M	12	10.0	12.0	48.5	25.5	22.5
322PLPSP-12M-12M	12	12.5	14.5	57.0	34.0	22.5
322PLPSP-14M-12M	14	12.5	14.5	59.5	34.5	22.5
322PLPSP-14M-14M*	14	14.0	16.0	59.5	34.5	22.5

*Nickel-plated brass. Dimensions for OD2 are I.D. of the tube.



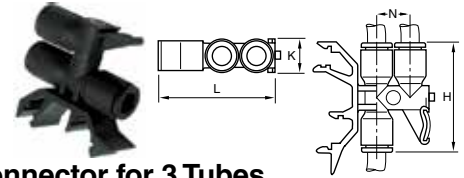
32PLPRC Connector for 2 Tubes

PART NO.	TUBE SIZE (IN)	H	K	L
32PLPRC-4	1/4	1.44	.47	1.18



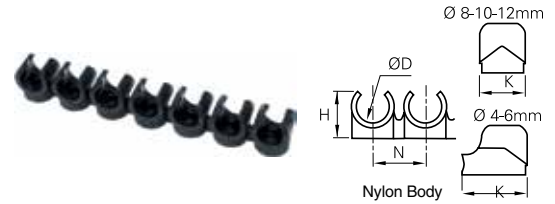
32PLPRC Connector for 2 Tubes

PART NO.	TUBE SIZE (MM)	H	K	L
32PLPRC-4M	4	36.5	11.0	39.5
32PLPRC-6M	6	36.5	11.0	39.5
32PLPRC-8M	8	46.0	13.0	44.5



32PLPDRC Connector for 3 Tubes

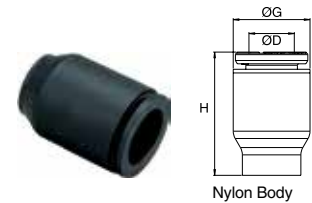
PART NO.	TUBE SIZE (MM)	H	K	L	N
32PLPDRC-4M	4	36.5	11.0	39.5	
32PLPDRC-6M	6	36.5	11.0	39.5	
32PLPDRC-8M	8	46.0	13.0	14.5	



Clip Strips for Tubing and Fittings

PART NO.	D TUBE	LF3000 TO BE CLIPPED	H MM	K MM	N MM	NO. PER STRIP
CLIP 04 00	5/32, 4MM	—	9	13.5	10.5	8
CLIP 06 00	1/4, 3/16, 6MM	—	10.5	13	10.5	8
CLIP 08 00	5/16, 8MM	5/32, 4MM	12.5	10.5	12	7
CLIP 10 00	3/8, 10MM	1/4, 6MM	14	12	15	6
CLIP 12 00	1/2, 12MM		16.5	14	16.5	5
CLIP 14 00	14MM	5/16, 8MM	18	16	20.5	4

Clip strips come complete with screws of .375 inches in length.

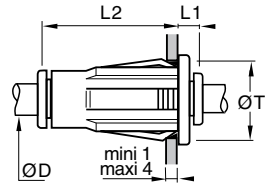


3151 End Caps

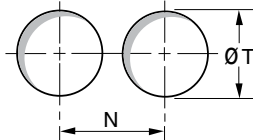
PART NO.	D IN	G MM	H MM
3151 53 00	1/8	.33	.55
3151 04 00	5/32	.33	.55
3151 56 00	1/4	.41	.64
3151 08 00	5/16	.53	.86
3151 60 00	3/8	.53	.86

3151 End Caps

PART NO.	D MM	G MM	H MM
3151 04 00	4	8.5	14.7
3151 06 00	6	10.5	16.9
3151 08 00	8	13.5	21.9
3151 10 00	10	16	22.2
3151 12 00	12	19	27.7



Minimum distance between fittings.
Diameter of fixing hole.



32PLPBHP Plug-in Bulkhead Union

PART NO.	TUBE SIZE (IN)	L1	L2	ØT
32PLPBHP-4M	5/32 (4M)	.26	1.080	.62
32PLPBHP-4	1/4	.26	1.240	.75
32PLPBHP-8M	5/16 (8M)	.30	1.280	.87
32PLPBHP-6	3/8	.30	1.630	1.12
32PLPBHP-8	1/2	.30	1.710	1.25

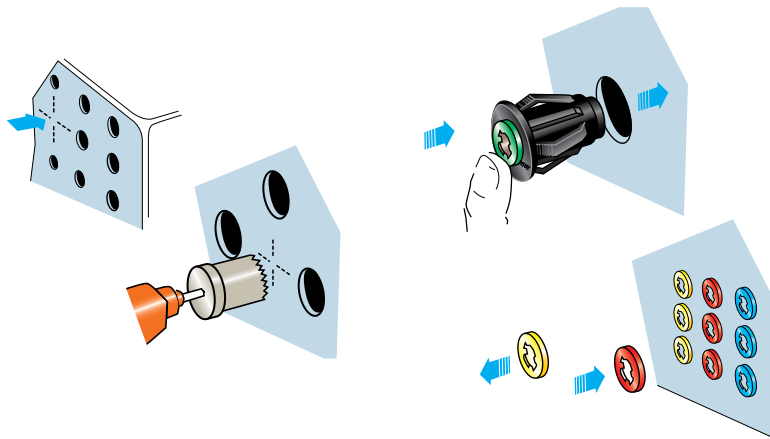
Fixing Hole

D		5/32	1/4	5/16	3/8	1/2
T	inches	5/8"	3/4"	7/8"	1 1/8"	1 1/4"
	mm	15.87	19.05	22.22	28.57	31.75
N	in	.89	1.00	1.08	1.34	1.50

Tolerance T: +0.3 -0.1

Installation

1. Mark out the fixing hole
2. Make hole in panel
3. Simply push the fitting into place
4. To complete the installation
5. To identify circuits simply remove the black release button and replace with colored one



3110 - 3330 Caps Manual Release Button - Inch

TUBE O.D.	WHITE PART NO.	BLACK PART NO.	GREEN PART NO.	RED PART NO.	BLUE PART NO.	YELLOW PART NO.
1/8	3110 53 00	-	3110 53 02	3110 53 03	3110 53 04	3110 53 05
5/32	3110 04 00	3330 04 01	3110 04 02	3110 04 03	3110 04 04	3110 04 05
3/16	3330 55 00	3330 55 01	3330 55 02	3330 55 03	3330 55 04	3330 55 05
1/4	3110 56 00	3330 56 01	3110 56 02	3110 56 03	3110 56 04	3110 56 05
5/16	3110 08 00	-	3110 08 02	3110 08 03	3110 08 04	3110 08 05
3/8	3110 60 00	-	3110 60 02	3110 60 03	3110 60 04	3110 60 05
1/2	3110 62 00	3330 62 01	3110 62 02	3110 62 03	3110 62 04	3110 62 05

3110 - 3330 Caps Manual Release Button - Metric

TUBE MM	WHITE PART NO.	BLACK PART NO.	GREEN PART NO.	RED PART NO.	BLUE PART NO.	YELLOW PART NO.
4	3110 04 00	3330 04 01	3110 04 02	3110 04 03	3110 04 04	3110 04 05
6	3110 06 00	3330 06 01	3110 06 02	3110 06 03	3110 06 04	3110 06 05
8	3110 08 00	-	3110 08 02	3110 08 03	3110 08 04	3110 08 05
10	3110 10 00	-	3110 10 02	3110 10 03	3110 10 04	3110 10 05
12	3110 12 00	-	3110 12 02	3110 12 03	3110 12 04	3110 12 05
14	3110 14 00	-	3110 14 02	3110 14 03	3110 14 04	3110 14 05

In all sizes of the LF3000 fittings, except 3/16, the push button is an integral part of the design which makes it non-removable, and comes standard in black. For identification of the circuits, colored caps (p/n 3110) fit over the black push button.

On the 3/16 sizes, the buttons are removable and can be replaced with a button of another color (p/n 3330).

Six colors are available which allow color coding of the fitting, in association with tubes of the same color.