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巴力沃气动

浙江巴力沃气动科技有限公司
Zhejiang Baaliwo Pneumatic Technology Co., Ltd.

AGENT:

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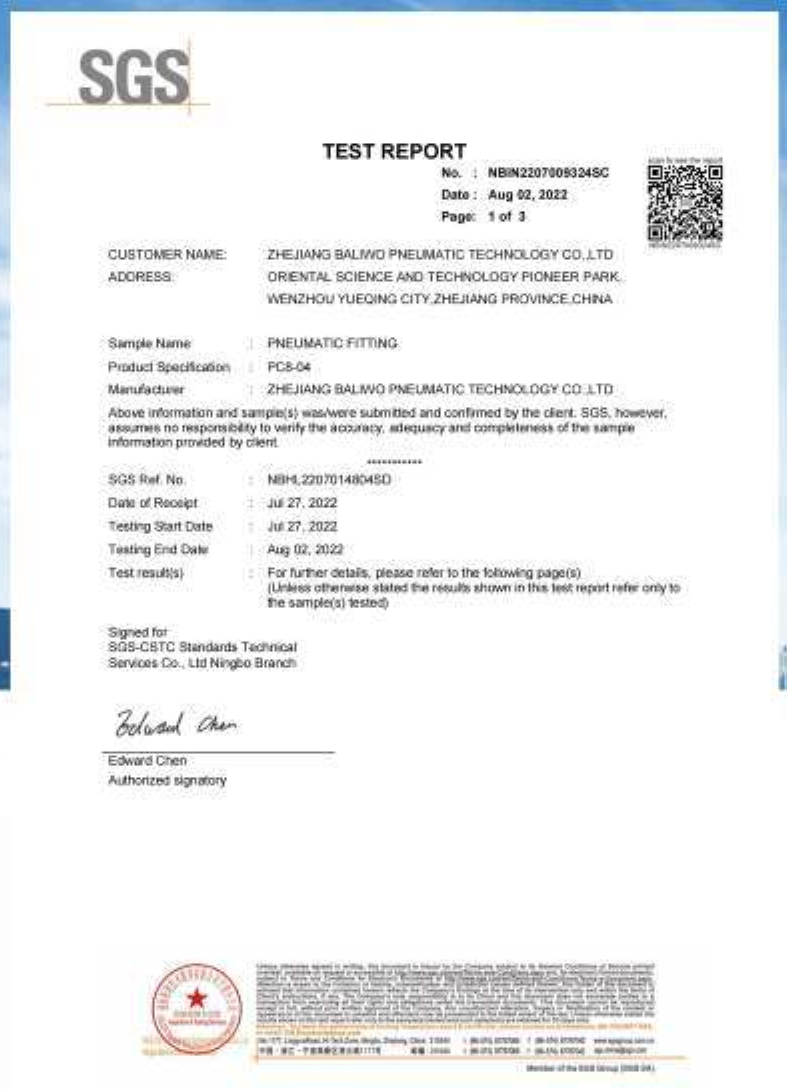
Product Selection Guide

Win-win cooperation for a better future

浙江巴力沃气动科技有限公司
ZHEJIANG BALIWO PNEUMATIC TECHNOLOGY CO.,LTD



SGS

TEST REPORT

No. : NBIN2207009324SC
Date : Aug 02, 2022
Page: 1 of 3

CUSTOMER NAME: ZHEJIANG BALIWO PNEUMATIC TECHNOLOGY CO.,LTD
ADDRESS: ORIENTAL SCIENCE AND TECHNOLOGY PIONEER PARK, WENZHOU YUEQING CITY,ZHEJIANG PROVINCE,CHINA

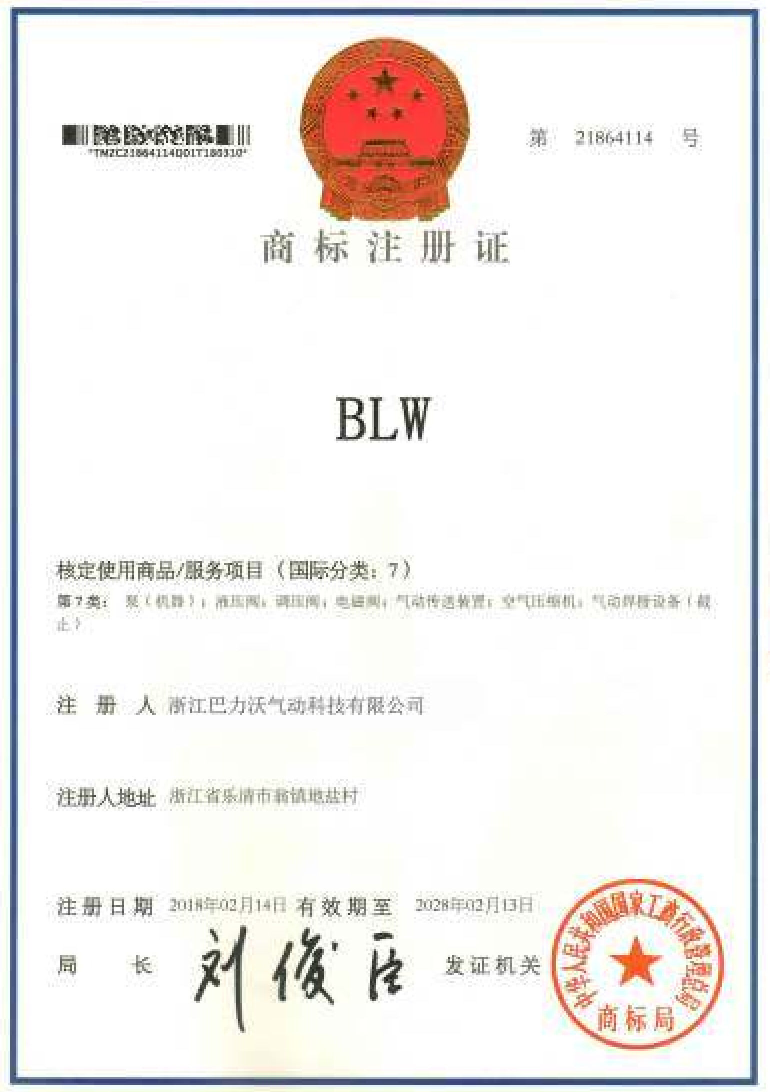
Sample Name : PNEUMATIC FITTING
Product Specification : PC8-04
Manufacturer : ZHEJIANG BALIWO PNEUMATIC TECHNOLOGY CO.,LTD

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

SGS Ref. No. : NBHL220701480450
Date of Receipt : Jul 27, 2022
Testing Start Date : Jul 27, 2022
Testing End Date : Aug 02, 2022
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical Services Co., Ltd Ningbo Branch

Edward Chen
Authorized signatory



第 21864114 号

商标注册证

BLW

核定使用商品/服务项目（国际分类：7）

注 册 人 浙江巴力沃气动科技有限公司

注册人地址 浙江省乐清市翁垟地盐村

注册日期 2018年02月14日 有效期至 2028年02月13日

局 长 刘俊臣 发证机关

商标局

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关于我们 About us

Zhejiang Baliwo Pneumatic Technology Co., Ltd. is a high-tech enterprise engaged in pneumatic R&D, production and sales. our company locats in the Oriental Science and Technology Pioneering Park, Wengyang Street, Yueqing City, adjacent to the scenic Zhongyandang Mountain and a few kilometers away from Wenzhou Airport. has superior geographical position the convenient transportation.

Our company has strong technical production equipment and testing methods to provide users with high-performance products. The main products are: pneumatic fittings series, muffler series, flow control valve series, hand valve series, quick coupler series, pneumatic components and accessories. The products have passed SGS testing and certification, ISO9001 quality system certification,

we always adheres to the policy of "science and technology for development, to survive", and constantly recommends the innovation and development of enterprises to work together to create brilliance.

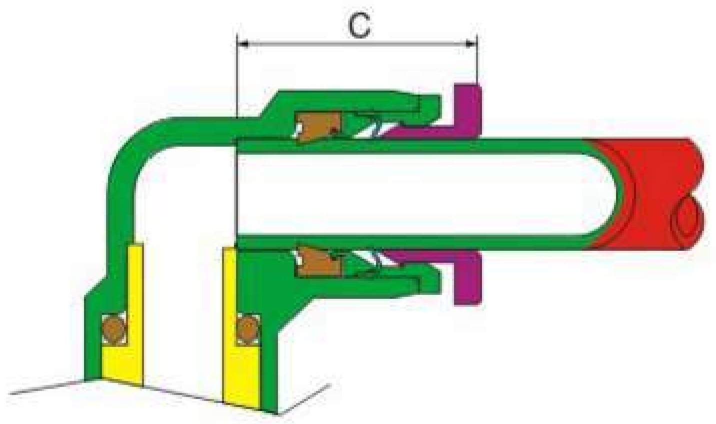
★ Product Catalogue

● Table 2

Standard

Pipe Size	Φ4 Φ5/32 Φ3/16	Φ6 Φ1/4	Φ8 Φ5/16	Φ10 Φ3/8	Φ12 Φ1/2	Φ16 Φ5/8
C(mm)	15	16	18.5	20	23	23.5

Pipe Size	Φ3	Φ4	Φ6
C(mm)	10	12	12.5



3. Precautions when pulling out the tube

1. When loosening the tube, please confirm that the internal pressure of the tube is zero.
2. Press the release ring evenly to the end and pull out the tube. If the release ring is not pressed in place, it is possible that the tube cannot be pulled out or Strain the tube, and tube debris will remain inside the fitting.

4. Precautions when installing the pipe fitting body

1. Use a suitable tool to install and fasten the fittings through the outer hexagon or inner hexagon of the fitting's body.
2. When tightening the fitting threads, refer to the recommended installation torque in Table 3 for tightening. If the tightening torque exceeds the recommended torque The tightening torque may cause the thread part to break or the gasket to deform and cause leakage. The tightening torque is less than the recommended tightening torque, which may cause the thread part to loosen and leak.
3. After the fitting is connected, the product whose direction of the fluid does not change can be adjusted within the torque range of the fitting body.

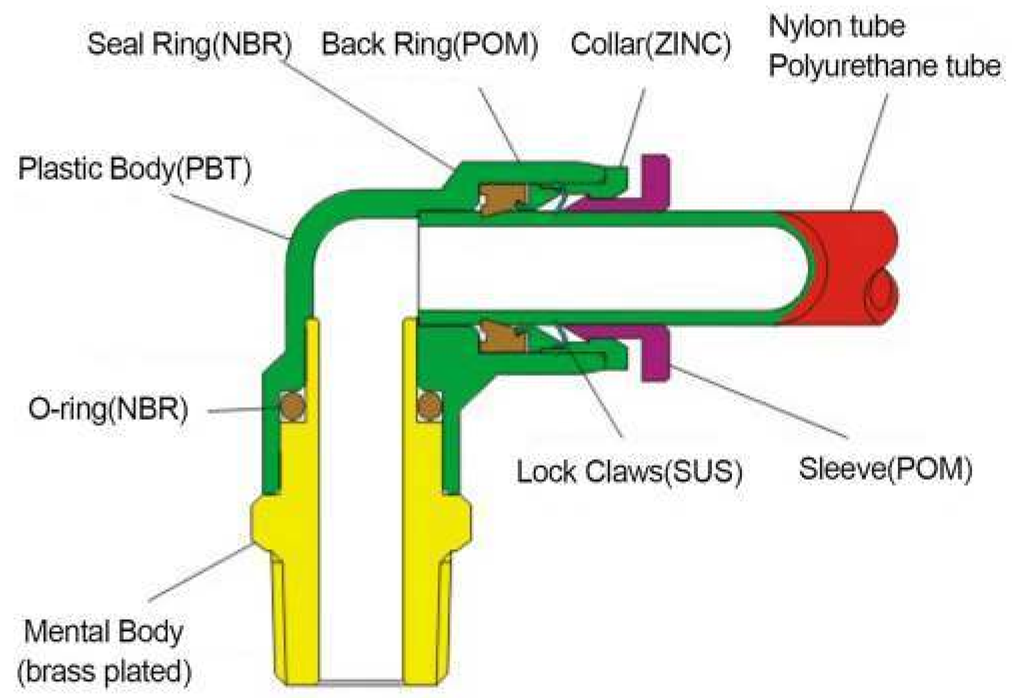
● Table 3 Recommended tightening torque and color of seal coating, gasket material

Thread Type	Thread Size	Tightening Torque	Seal Coating	Gasket Material
Metric Thread	M3×0.5	0.7N.m(7kgf.cm)	-	NBR
	M5×0.8	1~1.5N.m(10~15kgf.cm)		
	M6×1.0	1.8~2.3N.m(18~23kgf.cm)		
Pipe Thread	R1/8	7~9N.m(70~90kgf.cm)	White	-
	R1/4	12~14N.m(120~140kgf.cm)		
	R3/8	22~24N.m(220~240kgf.cm)		
	R1/2	28~30N.m(280~300kgf.cm)		
Uniform Agreement Thread	No.10-32 UNF	1.5~1.9N.m (15~19kgf.cm)	-	NBR
National(American) Pipe Thread	1/6-28NPT	7~9N.m(70~90kgf.cm)	White	-
	1/8-27NPT	7~9N.m(70~90kgf.cm)		
	1/4-18NPY	12~14N.m(120~140kgf.cm)		
	3/8-18NPT	22~24N.m(220~240kgf.cm)		
	1/2-14NPI	28~30N.m(280~300kgf.cm)		

● Features

Push-in Pneumatic Fittings used for Pneumatic Pipe Systems.
Fittings are available in a wide variety of models to meet all your needs in a pneumatic pipe system.
Even after installation, the direction of the pipe can be freely changed.
Nickel-plated copper body resists corrosion and contamination.
All R and NPT threads with sealant.
All BSPP threads with O-rings seal.

● Schematic



● Technical Conditions

Using Fluid	Air&Pure Water
Maximum Pressure	1.32Mpa(1.35Kgf/CM²)
Pressure Resistant	0~0.9Mpa(0~9.2kgf/cm² \H2x;)
Work Temperature	0-60℃
Used Tube	PA Tube, PU Tube

● Model Analysis

PL 8 — G01

① ② ③

①Model

②Tube Size

Tube	Metric Dimension					
Number	4	6	8	10	12	16
O.D.(mm)	Φ4	Φ6	Φ8	Φ10	Φ12	Φ16

Tube	Inch Dimension					
Number	5/32	3/16	1/4	5/16	3/8	1/2
O.D.(mm)	Φ3.96	Φ4.76	Φ6.85	Φ7.94	Φ9.53	Φ12.7

③Thread

	55° PT Thread				
No.	01	02	03	04	06
Thread	R1/8	R1/4	R3/8	R1/2	R3/4

	Metric thread			55° BSPP Thread				
No.	M3	M5	M6	G01	G02	G03	G04	G06
Thread	M3*0.5	M5*0.8	M6*1.0	G1/8	G1/4	G3/8	G1/2	G3/3

	UNF Thread	60° NPT Thread				
No.	U10	N01	N02	N03	N04	N06
Thread	10-32UNF	NPT1/8	NPT1/4	NPT3/8	NPT1/2	NPT3/4

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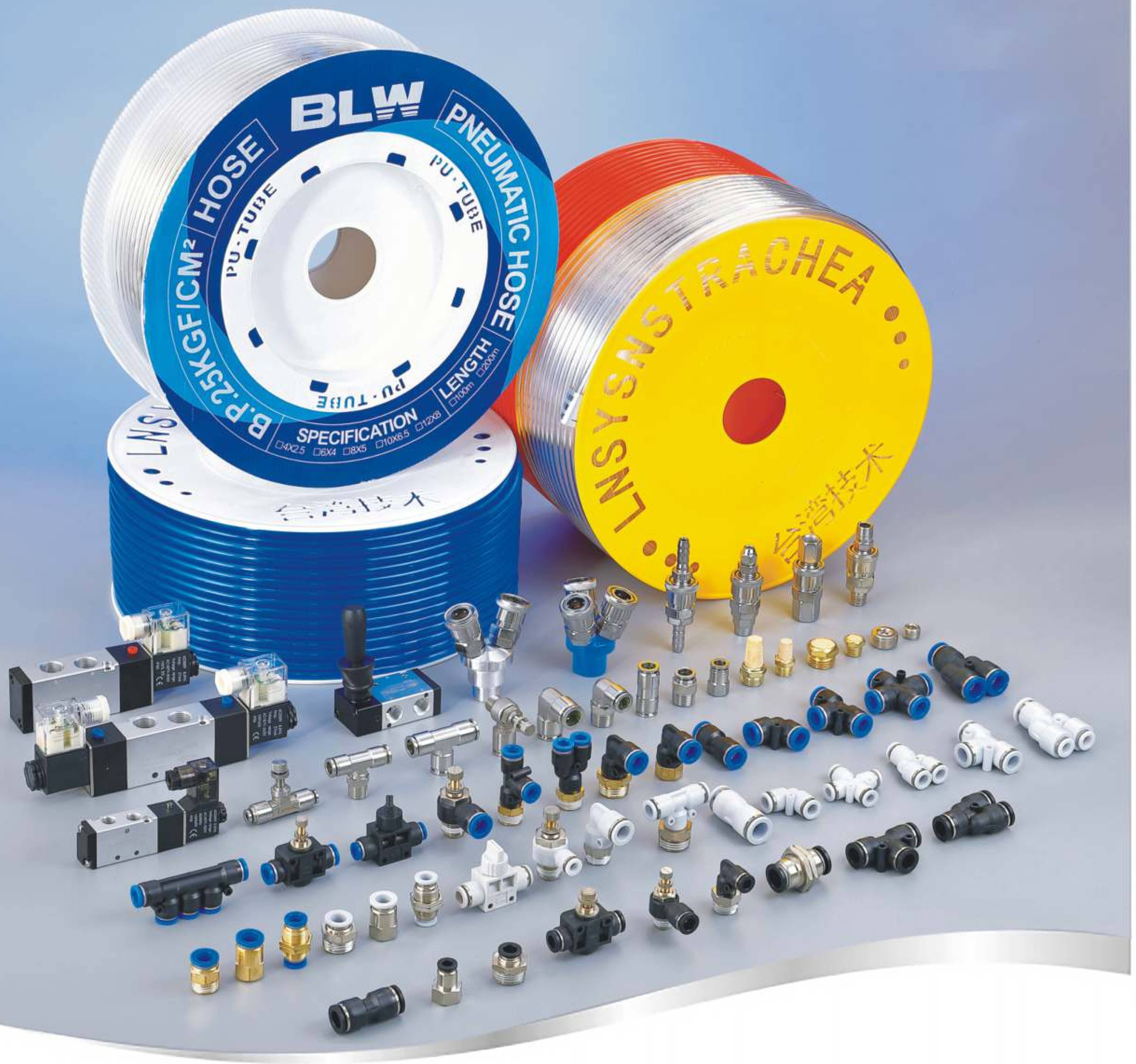
WORK TOGETHER TO CREATE **BRILLIANCE**



SPECIAL IN PNEUMATIC FITTINGS

Pneumatic components, fitting series, Hand valves, Muffler, Flow control valves

PREMIUM **ACCURACY** **SECURITY**

⚠ COMMON PRECAUTIONS FOR PIPE JOINTS

Please read the following precautions before selecting and using our products.

⚠ WAINING

1. Please do not use fluids other than air and water (some varieties can be used). For other fluids, please consult.
2. Please do not use the pipe fitings other than brass pipe fittings and sputter-resistant pipe fittings in places where sputtering occurs. Otherwise there will be fire hazard from spatter.
3. When the threaded end or pipe end swings or rotates, please do use the rotary fittings, high-speed rotary fittings, and multi-airway rotary gas distribution blocks. Other fittings can cause damage to the body due to wobble or swivel.
4. When using hot water or medium oil above 60°C, please do not use the pipe fittings other than heat-resistant pipe fittings for molds. Due to heat and moisture Solving will result in breakage of the connector body.
5. Please do not use the pipe ffittings other than EG fittings in places where static electricity needs to be removed to prevent spotting, otherwise static electricity will cause the system defective, there is a risk of malfunction.
6. Please do not apply tension, winding, bending and other loads to the pipe fittings. Otherwise there is a risk of damage to the body.

⚠ WAINING

1. When using pipes other than our company's pipes, please confirm whether the outer diameter tolerance of the pipe is as required in Table 1 below.

● Table 1 Tube outer diameter tolerance

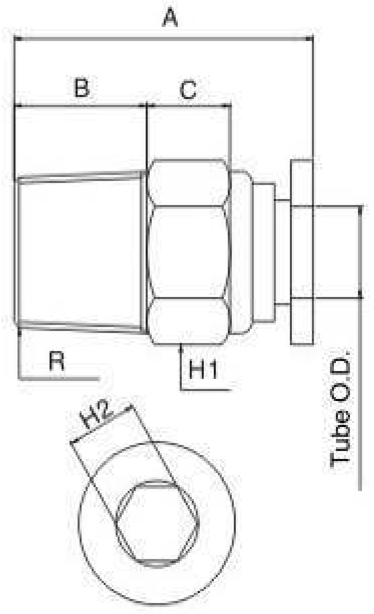
Metric Size	Nylon Tube	Nylon Tube
Φ3mm	–	±0.1
Φ4mm	±0.1	±0.15
Φ6mm	±0.1	±0.15
Φ8mm	±0.1	±0.15
Φ10mm	±0.1	±0.15
Φ12mm	±0.1	±0.15
Φ14mm	±0.1	±0.15
Φ16mm	±0.1	±0.15

Inch Size	Nylon Tube	PU Tube
Φ1/8	±0.1	±0.1
Φ5/32	${}^{+0.1}_{-0.05}$	${}^{\pm0.15}_{-0.1}$
Φ3/16	±0.1	±0.15
Φ1/4	±0.1	±0.15
Φ5/16	${}^{\pm0.15}_{0}$	${}^{\pm0.2}_{-0.05}$
Φ3/8	±0.1	±0.15
Φ1/2	±0.1	±0.15
Φ5/8	${}^{+0.25}_{0}$	${}^{\pm0.2}_{-0.05}$

2. Precautions for Connect pipe

1. Make sure that the cut surface of the pipe is vertical, that there is no scar on the outer periphery of the pipe and that the pipe does not form an oval.
2. Refer to Table 2 for dimensions when inserting the pipe. If the pipe is not inserted all the way (C dimension), it may cause air leakage.
3. After the pipe is inserted, pull the pipe to confirm that the pipe cannot be pulled out.

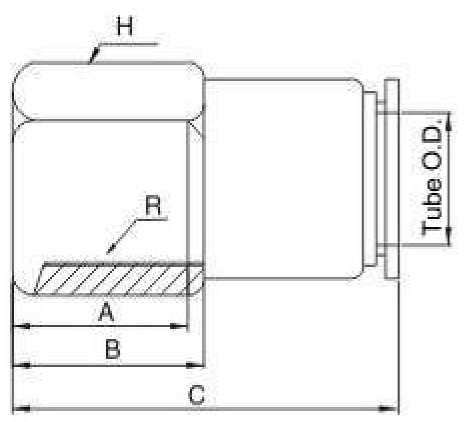
PC Male straight



Model	O.D. (mm)	R	A	B	C	H1	H2
PC4-M5	4	M5	20	7	7	10	2
PC4-01		R1/8	18.5	4	5.5	10	3
PC4-02		R1/4	18.5	7	4.5	14	3
PC4-03		R3/8	18.5	8	4	17	3
PC6-M5	6	M5	21.5	9	6.5	12	2
PC6-01		R1/8	21.5	4	7.5	12	4
PC6-02		R1/4	21	7	6	14	4
PC6-03		R3/8	19	8	4.5	17	4
PC6-04		R1/2	21	9	5	21	4
PC8-01	8	R1/8	25	11	7.5	14	5
PC8-02		R1/4	23.5	7	7.5	14	6
PC8-03		R3/8	21	8	4.5	17	6
PC8-04		R1/2	23	9	4.5	21	6
PC10-01	10	R1/8	27	11	9	17	5
PC10-02		R1/4	27	8	11	17	6
PC10-03		R3/8	27	9	9	17	8
PC10-04		R1/2	25	11	6.5	21	5
PC12-01	12	R1/8	28.5	7	10	19	8
PC12-02		R1/4	29.5	8	10	19	8
PC12-03		R3/8	28	9	10	19	10
PC12-04		R1/2	27.5	11	8	21	6
PC14-02	14	R1/4	32.5	8	12.5	21	10
PC14-03		R3/8	33.5	9	13	21	10
PC14-04		R1/2	31	11	10	21	6
PC16-02	16	R1/8	33	8	13	24	10
PC16-03		R1/4	34	9	13	24	12
PC16-04		R3/8	32.5	11	13	24	12
PC16-06		R1/2	31.5	13	11	27	8

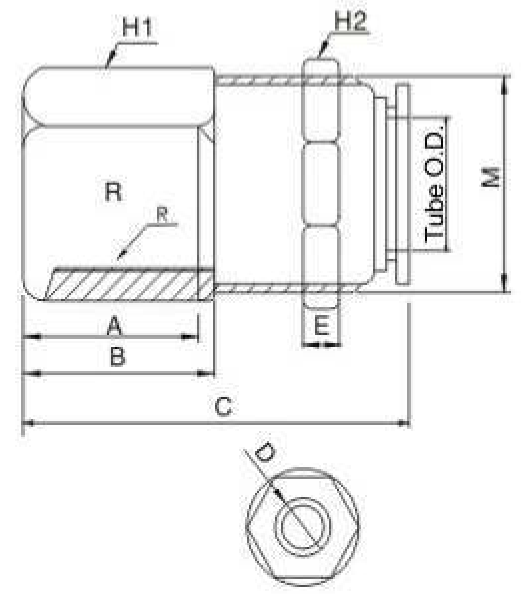
(mm)

PC Female straight



Model	O.D. (mm)	R	A	B	C	H
PCF4-M5	4	M5	6	10	22	10
PCF4-01		R1/8	9	11	24	12
PCF4-02		R1/4	10	12	26	15
PCF4-03		R3/8	11	13	27	19
PCF6-M5	6	M5	6	10	24.5	12
PCF6-01		R1/8	9	11	27.5	12
PCF6-02		R1/4	10	12	27.5	15
PCF6-03		R3/8	11	13	28.5	19
PCF6-04		R1/2	13	15	31	24
PCF8-01	8	R1/8	9	11	28	14
PCF8-02		R1/4	10	12	28	15
PCF8-03		R3/8	11	13	28	10
PCF8-04		R1/2	13	15	31.5	24
PCF10-01	10	R1/8	9	11	29	17
PCF10-02		R1/4	10	12	30	17
PCF10-03		R3/8	11	13	31	19
PCF10-04		R1/2	13	15	33	24
PCF12-01	12	R1/8	9	11	32	19
PCF12-02		R1/4	10	12	32	19
PCF12-03		R3/8	11	13	32	19
PCF12-04		R1/2	13	15	34	24

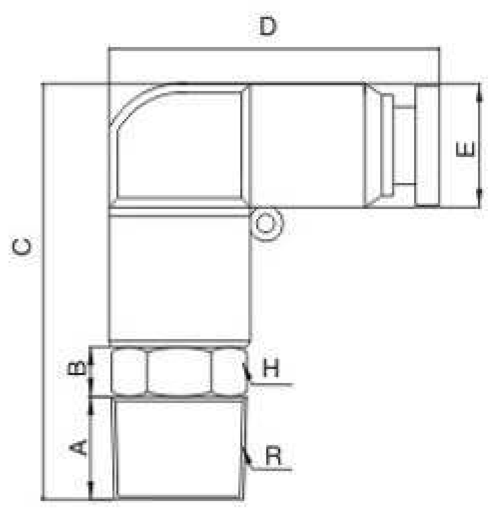
PMF Bulkhead inner straight



Model	O.D. (mm)	R	A	B	C	H1	H2	E	M
PMF4-M5	4	M5	6	10	26	14	14	3	M12×1
PMF4-01		R1/8	9	11	28	14	14	3	M12×1
PMF4-02		R1/4	10	12	30	15	14	3	M12×1
PMF4-03		R3/8	11	13	31	19	14	3	M12×1
PMF6-M5	6	M5	6	10	29	15	17	3	M14×1
PMF6-01		R1/8	9	11	31.5	15	17	3	M14×1
PMF6-02		R1/4	10	12	31.5	15	17	3	M14×1
PMF6-03		R3/8	11	13	32.5	19	17	3	M14×1
PMF6-04		R1/2	13	15	35.5	24	17	3	M14×1
PMF8-01	8	R1/8	9	11	33	17	19	3.5	M16×1
PMF8-02		R1/4	10	12	33	17	19	3.5	M16×1
PMF8-03		R3/8	11	13	33	19	19	3.5	M16×1
PMF8-04		R1/2	13	15	37	24	19	3.5	M16×1
PMF10-01	10	R1/8	9	11	34	21	24	4.5	M20×1
PMF10-02		R1/4	10	12	34	21	24	4.5	M20×1
PMF10-03		R3/8	11	13	35	21	24	4.5	M20×1
PMF10-04		R1/2	13	15	37.5	24	24	4.5	M20×1
PMF12-01	12	R1/8	9	11	36	24	27	4.5	M22×1
PMF12-02		R1/4	10	12	36	24	27	4.5	M22×1
PMF12-03		R3/8	11	13	35	24	27	4.5	M22×1
PMF12-04		R1/2	13	15	37.5	24	27	4.5	M22×1

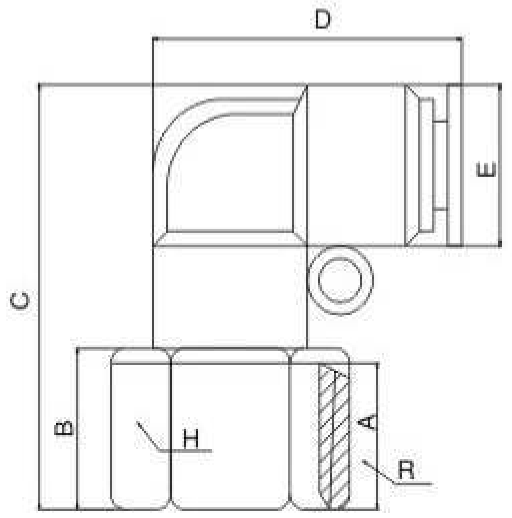
(mm)

PL L-type male elbow



Model	A	B	C	D	H	R	E
PL4-M5	4	5	28.5	23	10	M5	11
PL4-01	7	5	31.5	23	10	R1/8	11
PL4-02	8	5	32.5	23	14	R1/4	11
PL4-03	9	5	33.5	23	17	R3/8	11
PL6-M5	4	5	31.5	27	12	M5	13
PL6-01	7	5	34.5	27	12	R1/8	13
PL6-02	8	5	35.5	27	14	R1/4	13
PL6-03	9	5	36.5	27	17	R3/8	13
PL6-04	11	5	38.5	27	21	R1/2	13
PL8-01	7	5	37.5	30.5	14	R1/8	15
PL8-02	8	5	38.5	30.5	14	R1/4	15
PL8-03	9	5	39.5	30.5	17	R3/8	15
PL8-04	11	5	41.5	30.5	21	R1/2	15
PL10-01	7	5	41	34	17	R1/8	18.5
PL10-02	8	5	42	34	17	R1/4	18.5
PL10-03	9	5	43	34	17	R3/8	18.5
PL10-04	11	5	45	34	21	R1/2	18.5
PL12-01	7	5	45	38.5	19	R1/8	21
PL12-02	8	5	46	38.5	19	R1/4	21
PL12-03	9	5	47	38.5	19	R3/8	21
PL12-04	11	5	49	38.5	21	R1/2	21
PL14-02	8	6	54	45.5	24	R1/4	26
PL14-03	9	6	55	45.5	24	R3/8	26
PL14-04	11	6	57	45.5	24	R1/2	26
PL16-02	8	6	54	46	24	R1/4	26
PL16-03	9	6	55	46	24	R3/8	26
PL16-04	11	6	57	46	24	R1/2	26
PL16-06	13	6	59	46	27	R3/4	26

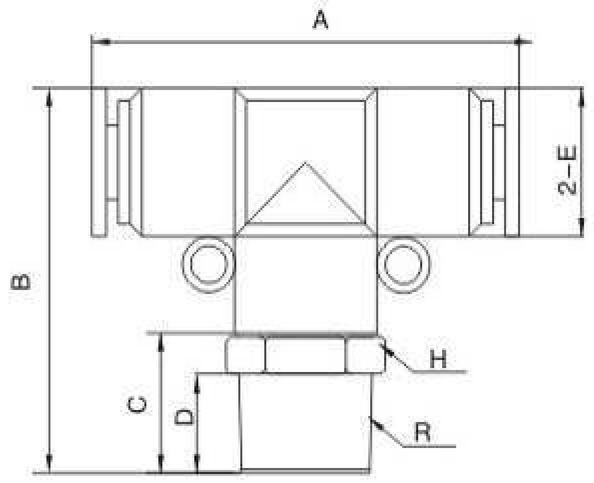
PLF Inner thread elbow



Model	D	R	A	B	C	H	E
PLF4-M5	23	M5	6	6	25.5	10	11
PLF4-01	23	R1/8	9	10.5	30	12	11
PLF4-02	23	R1/4	10	11.5	31	15	11
PLF4-03	27	R3/8	11	13	32.5	19	11
PLF6-M5	27	M5	6	6	28.5	12	13
PLF6-01	27	R1/8	9	10.5	33	12	13
PLF6-02	27	R1/4	10	11.5	34	15	13
PLF6-03	27	R3/8	11	13	35.5	19	13
PLF6-04	30.5	R1/2	13	15	37.5	24	13
PLF8-01	30.5	R1/8	9	10.5	36	14	15
PLF8-02	30.5	R1/4	10	11.5	37	15	15
PLF8-03	30.5	R3/8	11	13	38.5	24	15
PLF8-04	34	R1/2	13	15	40.5	19	15
PLF10-01	34	R1/8	9	10.5	39.5	17	18.5
PLF10-02	34	R1/4	10	11.5	40.5	17	18.5
PLF10-03	34	R3/8	11	13	42	19	18.5
PLF10-04	38.5	R1/2	13	15	44	24	18.5
PLF12-01	38.5	R1/8	9	10.5	43.5	19	21
PLF12-02	38.5	R1/4	10	11.5	44.5	19	21
PLF12-03	38.5	R3/8	11	13	46	19	21
PLF12-04	23	R1/2	13	15	48	24	21

(mm)

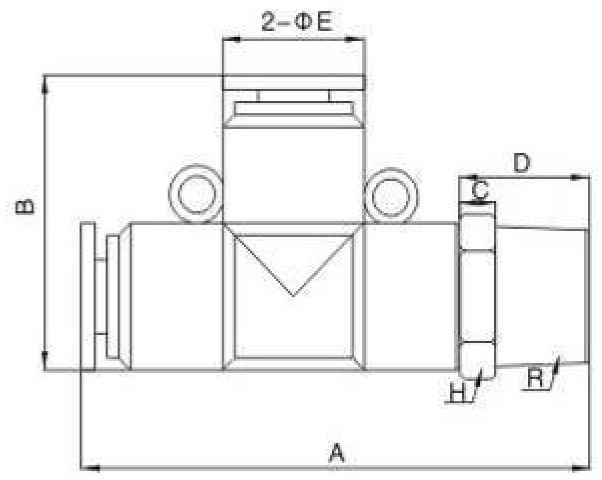
PB T-type male tee



Model	A	B	C	D	H	R	E
PB4-M5	35	28	9	4	10	M5	11
PB4-01	35	31	12	7	10	R1/8	11
PB4-02	35	32	13	8	14	R1/4	11
PB4-03	35	33	14	9	17	R3/8	11
PB6-M5	41	31	9	4	12	M5	13
PB6-01	41	34	12	7	12	R1/8	13
PB6-02	41	35	13	8	14	R1/4	13
PB6-03	41	36	14	9	17	R3/8	13
PB6-04	41	38	16	11	21	R1/2	13
PB8-01	46	37.5	12	7	14	R1/8	15
PB8-02	46	38.5	13	8	14	R1/4	15
PB8-03	46	39.5	14	9	17	R3/8	15
PB8-04	46	41.5	16	11	21	R1/2	15
PB10-01	50.5	41	12	7	17	R1/8	18.5
PB10-02	50.5	42	13	8	17	R1/4	18.5
PB10-03	50.5	43	14	9	17	R3/8	18.5
PB10-04	50.5	45	16	11	21	R1/2	18.5
PB12-01	56.5	45	12	7	19	R1/8	21
PB12-02	56.5	46	13	8	19	R1/4	21
PB12-03	56.5	47	14	9	19	R3/8	21
PB12-04	56.5	49	16	11	21	R1/2	21
PB14-02	66	53.5	14	8	21	R1/4	26
PB14-03	66	54.5	15	9	21	R3/8	26
PB14-04	66	56.5	17	11	21	R1/2	26
PB16-02	66.5	53.5	14	8	24	R1/4	26
PB16-03	66.5	54.5	15	9	24	R3/8	26
PB16-04	66.5	56.5	17	11	24	R3/4	26

(mm)

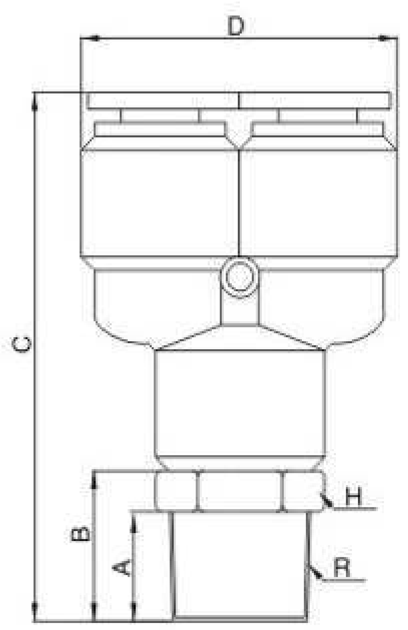
PD Male tee branch



Model	A	B	C	D	H	R	E
PD4-M5	40	23	5	9	10	M5	11
PD4-01	43	28	5	12	10	R1/8	11
PD4-02	44	23	5	13	14	R1/4	11
PD4-03	45	23	5	14	17	R3/8	11
PD6-M5	45.5	23	5	9	12	M5	13
PD6-01	48.5	27	5	12	12	R1/8	13
PD6-02	49.5	27	5	13	14	R1/4	13
PD6-03	50.5	27	5	14	17	R3/8	13
PD6-04	52.5	27	5	16	21	R1/2	13
PD8-01	53	27	5	12	14	R1/8	15
PD8-02	54	30.5	5	13	14	R1/4	15
PD8-03	55	30.5	5	14	17	R3/8	15
PD8-04	57	30.5	5	16	21	R1/2	15
PD10-01	57	30.5	5	12	17	R1/8	18.5
PD10-02	58	34	5	13	17	R1/4	18.5
PD10-03	59	34	5	14	17	R3/8	18.5
PD10-04	61	34	5	16	21	R1/2	18.5
PD12-01	63	35	5	12	19	R1/8	21
PD12-02	64	38.5	5	13	19	R1/4	21
PD12-03	65	38.5	5	14	19	R3/8	21
PD12-04	67	38.5	5	16	21	R1/2	21
PD14-02	70	38.5	6	14	21	R1/4	23.5
PD14-03	71	43	6	15	21	R3/8	23.5
PD14-04	73	43	6	17	21	R1/2	23.5
PD16-02	74	43	6	14	24	R1/4	26
PD16-03	75	46	6	15	24	R3/8	26
PD16-04	77	46	6	17	24	R1/2	26
PD16-06	79	46	6	19	24	R3/4	26

(mm)

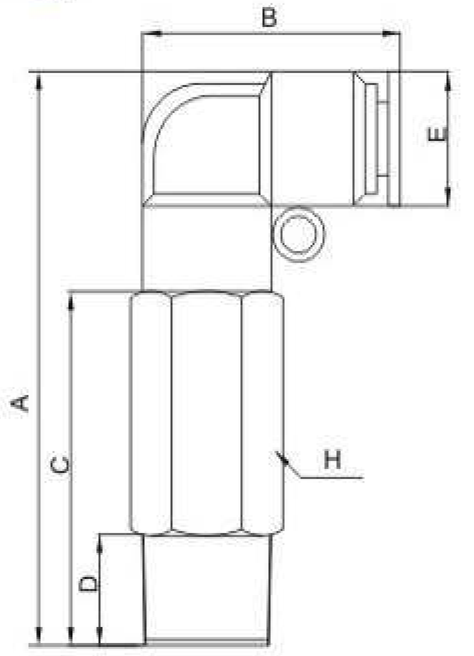
PX Y-type male tee



Model	A	B	C	D	H	R
PX4-M5	4	9	39	21.5	10	M5
PX4-01	7	12	42	21.5	10	R1/8
PX4-02	8	13	43	21.5	14	R1/4
PX4-03	9	14	44	21.5	17	R3/8
PX6-M5	4	8	43	25.5	12	M5
PX6-01	7	12	46	25.5	12	R1/8
PX6-02	8	13	47	25.5	14	R1/4
PX6-03	9	14	48	25.5	17	R3/8
PX6-04	11	16	50	25.5	21	R1/2
PX8-01	7	12	50	30	14	R1/8
PX8-02	8	13	51	30	14	R1/4
PX8-03	9	14	52	30	17	R3/8
PX8-04	11	16	54	30	21	R1/2
PX10-01	7	12	56.5	36	17	R1/8
PX10-02	8	13	57.5	36	17	R1/4
PX10-03	9	14	58.5	36	17	R3/8
PX10-04	11	16	60.5	36	21	R1/2
PX12-01	7	12	64	41	19	R1/8
PX12-02	8	13	65	41	19	R1/4
PX12-03	9	14	66	41	19	R3/8
PX12-04	11	16	68	41	21	R1/2
PX14-02	8	14	65	51	21	R1/4
PX14-03	9	15	66	51	21	R3/8
PX14-04	11	17	68	51	21	R1/2
PX16-02	8	14	65.5	51	24	R1/4
PX16-03	9	15	66.5	51	24	R3/8
PX16-04	11	17	68.5	51	24	R1/2

(mm)

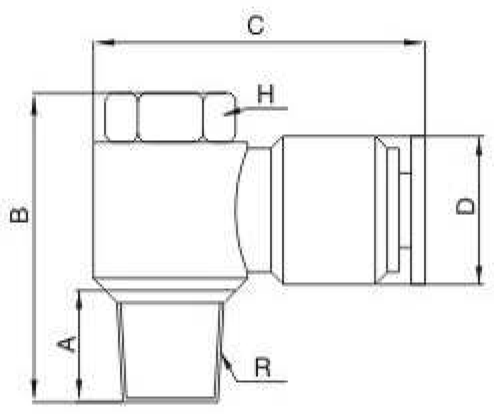
PLL Male extend elbow



Model	A	B	C	D	H	E
PLL4-M5	43.5	23	24	4	10	11
PLL4-01	46.5	23	27	7	10	11
PLL4-02	47.5	23	28	8	14	11
PLL6-M5	46.5	27	24	4	12	13
PLL6-01	49.5	27	27	7	12	13
PLL6-02	50.5	27	28	8	14	13
PLL6-03	51.5	27	29	9	17	13
PLL6-04	53.5	27	31	11	21	13
PLL8-01	52.5	30.5	27	7	14	15
PLL8-02	53.5	30.5	28	8	14	15
PLL8-03	54.5	30.5	29	9	17	15
PLL8-04	56.5	30.5	31	11	21	15
PLL10-01	56	34	27	7	17	18.5
PLL10-02	57	34	28	8	17	18.5
PLL10-03	58	34	29	9	17	18.5
PLL10-04	60	34	31	11	21	18.5
PLL12-01	60	38.5	27	7	19	21
PLL12-02	61	38.5	28	8	19	21
PLL12-03	62	38.5	29	9	19	21
PLL12-04	64	38.5	31	11	21	21

(mm)

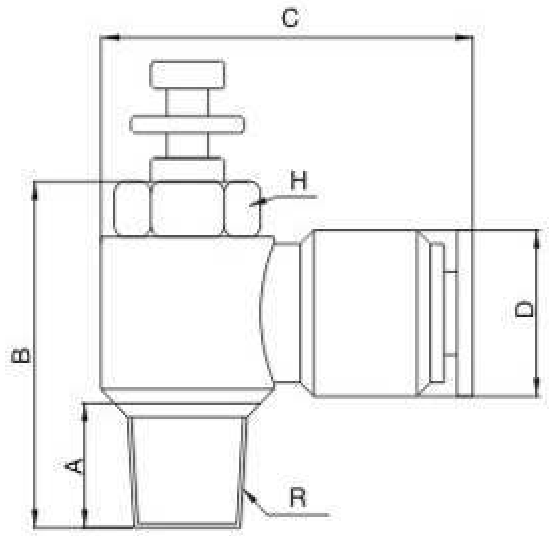
PH Outer hexagonal



Model	A	B	C	H	R	D
PH4-M5	5	18	26.5	8	M5	11
PH4-01	7.5	23.5	31.5	11	R1/8	13
PH4-02	10	27.7	34	15	R1/4	13
PH6-M5	5	18	28	8	M5	13
PH6-01	7.5	23.5	32	11	R1/8	13
PH6-02	10	27.7	35	15	R1/4	13
PH6-03	10.5	32	41.5	19	R3/8	15
PH6-04	12	35	45	22	R1/2	15
PH8-01	7.5	23.5	34	11	R1/8	15
PH8-02	10	27.7	38	15	R1/4	15
PH8-03	10.5	32	42	19	R3/8	15
PH8-04	12	35	45.5	22	R1/2	15
PH10-01	7.5	23.5	36.5	11	R1/8	18.5
PH10-02	10	27.7	40.5	15	R1/4	18.5
PH10-03	10.5	32	45	19	R3/8	18.5
PH10-04	12	35	49	22	R1/2	21
PH12-01	7.5	23.5	39	11	R1/8	21
PH12-02	10	27.7	42	15	R1/4	21
PH12-03	10.5	32	45.5	19	R3/8	21
PH12-04	12	35	49	22	R1/2	21

(mm)

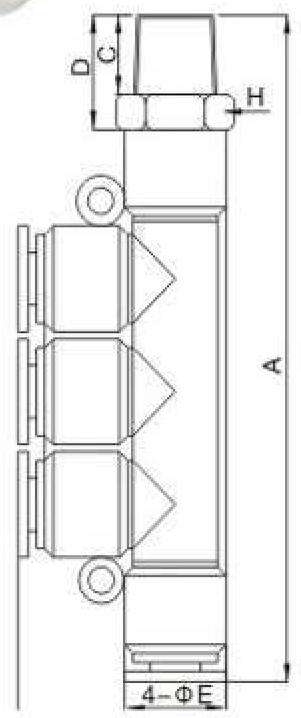
SL L-type flow control



Model	A	B	C	H	R	D
SL4-M3	5.5	19	26.5	8	M3	11
SL4-M5	5.5	19	26.5	8	M5	11
SL4-01	8.5	24.5	31.5	11	R1/8	13
SL4-02	11.5	28.5	34	15	R1/4	13
SL6-M5	5.5	19	28	8	M5	13
SL6-01	8.5	24.5	32	11	R1/8	13
SL6-02	11.5	28.5	35	15	R1/4	13
SL6-03	12	32.5	41.5	19	R3/8	15
SL6-04	13	36	45	22	R1/2	15
SL8-01	8.5	24.5	34	11	R1/8	15
SL8-02	11.5	28.5	38	15	R1/4	15
SL8-03	12	32.5	42	19	R3/8	15
SL8-04	13	36	45.5	22	R1/2	15
SL10-01	8.5	24.5	36.5	11	R1/8	18.5
SL10-02	11.5	28.5	40.5	15	R1/4	18.5
SL10-03	12	32.5	45	19	R3/8	18.5
SL10-04	13	36	49	22	R1/2	21
SL12-01	8.5	24.5	39	11	R1/8	21
SL12-02	11.5	28.5	42	15	R1/4	21
SL12-03	12	32.5	45.5	19	R3/8	21
SL12-04	13	36	49	22	R1/2	21
SL16-04	13	36	54.5	22	R1/2	26

(mm)

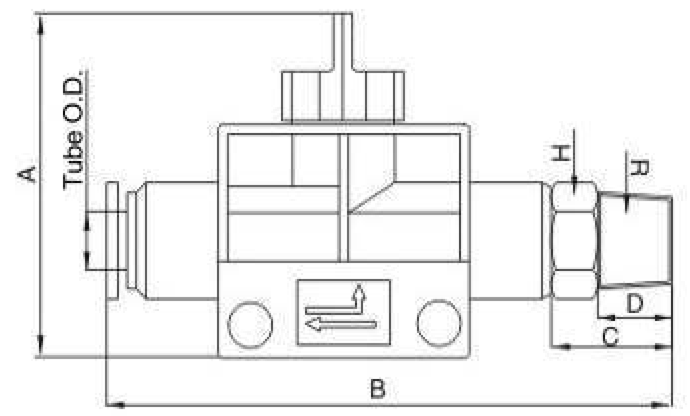
PKB Male five-ways



Model	A	B	C	D	H	E
PKB4-M5	64	23.5	4	9	10	11
PKB4-01	67	23.5	7	12	10	11
PKB4-02	68	23.5	8	13	14	11
PKB6-M5	70.5	27	4	9	12	13
PKB6-01	73.5	27	7	12	12	13
PKB6-02	74.5	27	8	13	14	13
PKB6-03	75.5	27	9	14	17	13
PKB6-04	77.5	27	11	16	21	13
PKB8-01	83.5	30.5	7	12	14	15
PKB8-02	84.5	30.5	8	13	14	15
PKB8-03	85.5	30.5	9	14	17	15
PKB8-04	87.5	30.5	11	16	21	15
PKB10-01	92	34.5	7	12	17	18.5
PKB10-02	93	34.5	8	13	17	18.5
PKB10-03	94	34.5	9	14	17	18.5
PKB10-04	96	34.5	11	16	21	18.5
PKB12-01	108	39	7	12	19	21
PKB12-02	109	39	8	13	19	21
PKB12-03	110	39	9	14	19	21
PKB12-04	112	39	11	16	21	21

(mm)

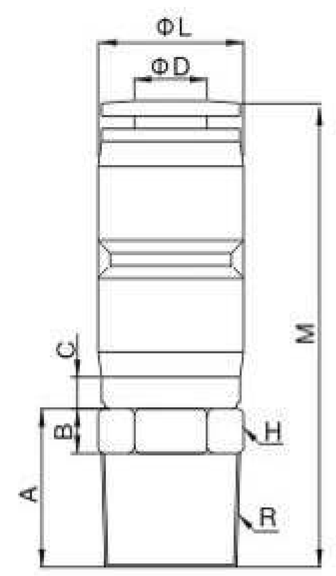
HVSF Male hand valve



Model	A	B	C	D	H	R	O.D.
HVSF4-M5	40.5	28	9	4	10	M5	4
HVSF4-01	40.5	31	12	7	10	R1/8	4
HVSF4-02	40.5	32	13	8	14	R1/4	4
HVSF4-03	40.5	33	14	9	17	3/8	4
HVSF6-M5	40.5	31	9	4	12	M5	6
HVSF6-01	40.5	34	12	7	12	R1/8	6
HVSF6-02	40.5	35	13	8	14	R1/4	6
HVSF6-03	40.5	36	14	9	17	R3/8	6
HVSF6-04	40.5	38	16	11	21	R1/2	6
HVSF8-01	40.5	37.5	12	7	14	R1/8	8
HVSF8-02	40.5	38.5	13	8	14	R1/4	8
HVSF8-03	40.5	39.5	14	9	17	R3/8	8
HVSF8-04	40.5	41.5	16	11	21	R1/2	8
HVSF10-01	45	41	12	7	17	R1/8	10
HVSF10-02	45	42	13	8	17	R1/4	10
HVSF10-03	45	43	14	9	17	R3/8	10
HVSF10-04	45	45	16	11	21	R1/2	10
HVSF12-01	45	45	12	7	19	R1/8	12
HVSF12-02	45	46	13	8	19	R1/4	12
HVSF12-03	45	47	14	9	19	R3/8	12
HVSF12-04	45	49	16	11	21	R1/2	12

(mm)

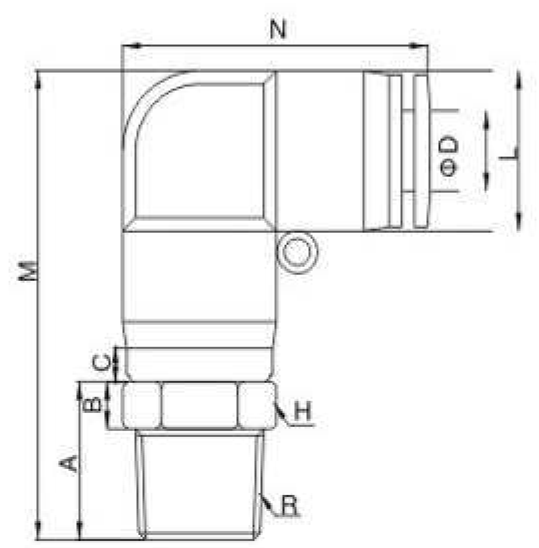
NHRC Rotate male staight



Model	ΦD	M	A	B	C	L	H	R	RPM
NHRC4-M5	4	44	9	5	5	12.5	8	M5	2000
NHRC4-M6		44.5	9.5	5	5	12.5	8	M6	2000
NHRC4-01		47.5	12.5	5	5	12.5	12	R1/8	2000
NHRC6-M5	6	44.5	9	5	5	12.5	8	M5	2000
NHRC6-01		48	12.5	5	5	12.5	12	R1/8	2000
NHRC6-02		50.5	15	5	5	12.5	14	R1/4	2000
NHRC6-03		53.5	15.5	5	5.5	14.5	17	R3/8	2000
NHRC6-04		55	17	5	5.5	14.5	21	R1/2	2000
NHRC8-01	8	51	12.5	5	5.5	14.5	14	R1/8	2000
NHRC8-02		53.5	15	5	5.5	14.5	14	R1/4	2000
NHRC8-03		58.5	15.5	5	6	18	17	R3/8	2000
NHRC8-04		60	17	5	6	18	21	R1/2	2000
NHRC10-01	10	56.5	12.5	5	6	18	17	R1/8	2000
NHRC10-02		59	15	5	6	18	17	R1/4	2000
NHRC10-03		59.5	15.5	5	6	18	17	R3/8	2000
NHRC10-04		61	17	5	6	18	21	R1/2	2000
NHRC12-01	12	60	12.5	5	6	21	17	R1/8	2000
NHRC12-02		62.5	15	5	6	21	17	R1/4	2000
NHRC12-03		63	15.5	5	6	21	17	R3/8	2000
NHRC12-04		64.5	17	5	6	21	21	R1/2	2000

(mm)

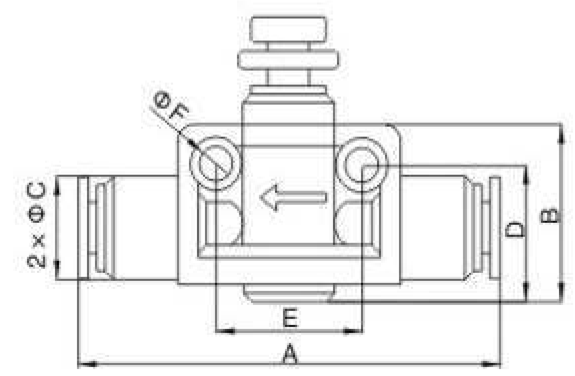
NHRL Rotate male elbow



Model	ΦD	M	A	B	C	L	H	R	N	RPM
NHRL4-M5	4	36	9	5	5	12.5	8	M5	26.5	2000
NHRL4-M6		36.5	9.5	5	5	12.5	8	M6	26.5	2000
NHRL4-01		40	12.5	5	5	12.5	12	R1/8	26.5	2000
NHRL6-M5	6	36	9	5	5	12.5	8	M5	27	2000
NHRL6-01		40	12.5	5	5	12.5	12	R1/8	27	2000
NHRL6-02		42.5	15	5	5	12.5	14	R1/4	27	2000
NHRL6-03		43.5	15.5	5	5.5	14.5	17	R3/8	30	2000
NHRL6-04		45	17	5	5.5	14.5	21	R1/2	30	2000
NHRL8-01	8	43.5	12.5	5	5.5	14.5	14	R1/8	30.5	2000
NHRL8-02		46	15	5	5.5	14.5	14	R1/4	30.5	2000
NHRL8-03		48.5	15.5	5	6	14.5	17	R3/8	31.5	2000
NHRL8-04		50	17	5	6	14.5	21	R1/2	31.5	2000
NHRL10-01	10	47.5	12.5	5	6	18	17	R1/8	34.5	2000
NHRL10-02		50	15	5	6	18	17	R1/4	34.5	2000
NHRL10-03		50.5	15.5	5	6	18	17	R3/8	34.5	2000
NHRL10-04		52	17	5	6	18	21	R1/2	34.5	2000
NHRL12-01	12	51.5	12.5	5	6	20.5	17	R1/8	38.5	2000
NHRL12-02		54	15	5	6	20.5	17	R1/4	38.5	2000
NHRL12-03		54.5	15.5	5	6	20.5	17	R3/8	38.5	2000
NHRL12-04		56	17	5	6	20.5	21	R1/2	38.5	2000

(mm)

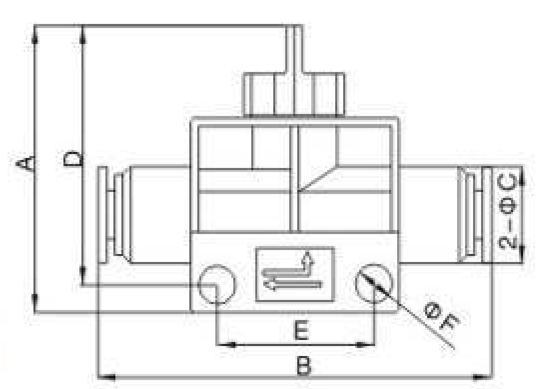
PA Pipeline valve



Model	A	B	C
PA-4	40	16	11
PA-6	47	23	13
PA-8	51	26	15
PA-10	61	27	18.5
PA-12	64	30	21

(mm)

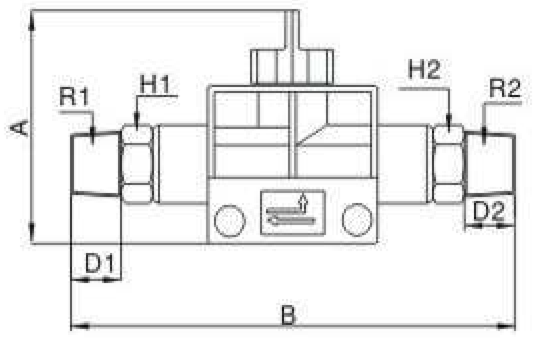
HVFF Handle valve



Model	A	B	C
HVFF-4	40.5	47.5	13
HVFF-6	40.5	49	13
HVFF-8	40.5	51	15
HVFF-10	45	64	18.5
HVFF-12	45	65	21

(mm)

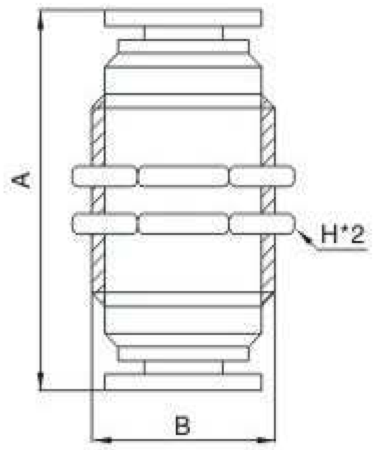
HVSS thread hand valve



Model	A	R1	D1	H1	B	R2	D2	H2
HVSS01-01	40.5	R1/8	7	12	63	R1/8	7	12
HVSS02-01	40.5	R1/4	8	14	64	R1/8	7	12
HVSS02-02	40.5	R1/4	8	14	67	R1/4	8	17
HVSS03-02	45	R3/8	9	17	80	R1/4	8	17
HVSS03-03	45	R3/8	9	17	81	R3/8	9	17
HVSS04-03	45	R1/2	11	21	83	R3/8	9	21
HVSS04-04	45	R1/2	11	21	85	R1/2	11	14

(mm)

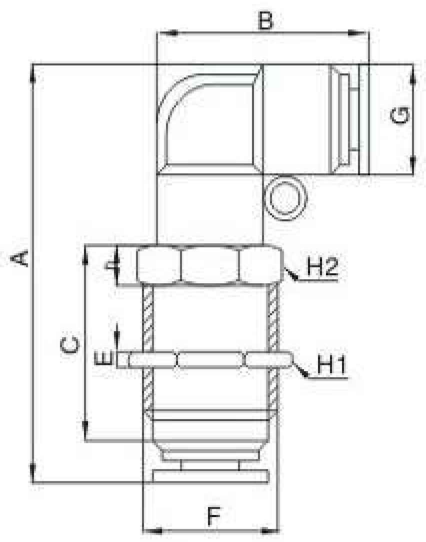
PM bulkhead straight



Model	A	B	H*2
PM-4	29	M12×1	14
PM-6	33	M14×1	17
PM-8	34	M16×1	19
PM-10	37	M20×1	24
PM-12	40	M22×1	27
PM-16	46.5	M26×1	30

(mm)

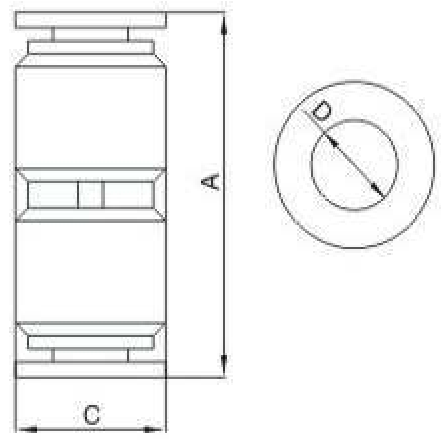
PLM bulkhead elbow



Model	A	B	C	D	E	F	H1	H2	G
PLM-4	41.5	23	17	5	3	M12×1	14	14	11
PLM-6	46	27	17.5	5	3	M14×1	17	15	13
PLM-8	50	30.5	17.5	5	3.5	M16×1	19	17	15
PLM-10	55	34	19	5	4.5	M20×1	24	21	18.5
PLM-12	59.5	38.5	19	5	4.5	M22×1	27	24	21

(mm)

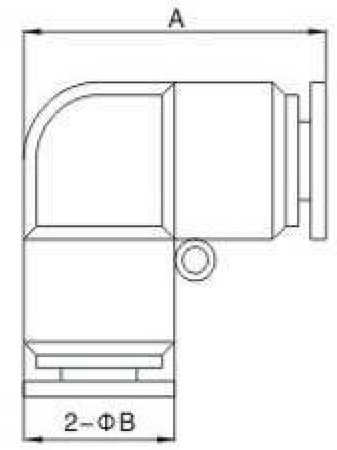
PU Union



Model	A	B	C
PU-4	31.5	4	11
PU-6	36	6	13
PU-8	38	8	15
PU-10	45	10	18.5
PU-12	47.5	12	21
PU-14	49	14	23.5
PU-16	53	16	26

(mm)

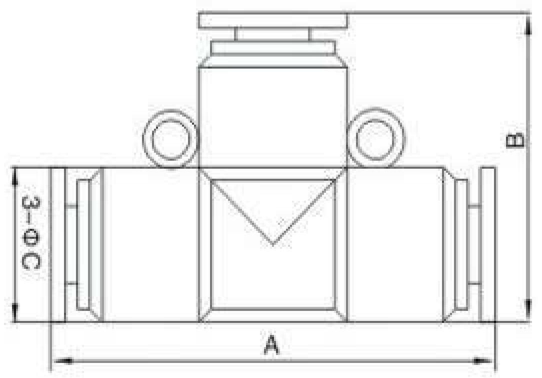
JPV Elbow



Model	A	B
PV-4	23	11
PV-6	27	13
PV-8	29.5	15
PV-10	34.5	18.5
PV-12	39	21
PV-14	46	26
PV-16	46	26

(mm)

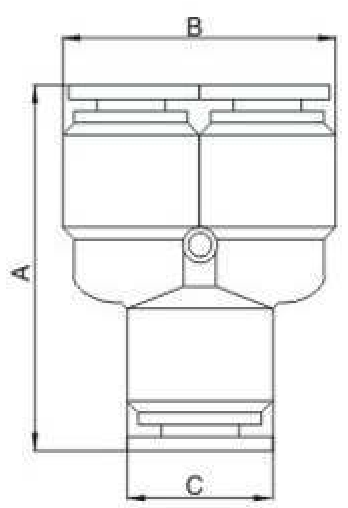
PE T-type tee



Model	A	B	C
PE-4	36	24	11
PE-6	41	27	13
PE-8	44	30.5	15
PE-10	53	35.5	18.5
PE-12	57.5	39	21
PE-14	62	43	23.5
PE-16	66.5	46	26

(mm)

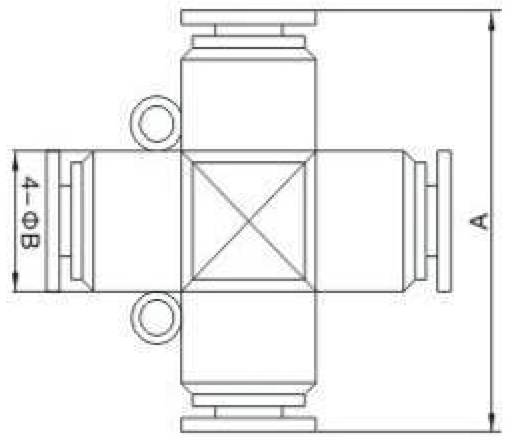
PV Y-type tee



Model	A	B	C
PY-4	33.5	21.5	11
PY-6	37	26	13
PY-8	41.5	30.5	15
PY-10	50	36	18.5
PY-12	49	42	21
PY-14	57	51.5	26
PY-16	57.5	51.5	26

(mm)

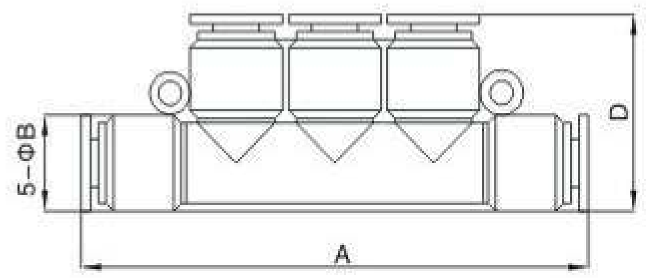
PZA Cross



Model	A	B
PZA-4	35.5	11
PZA-6	41.5	13
PZA-8	46.5	15
PZA-10	51	18.5
PZA-12	58	21

(mm)

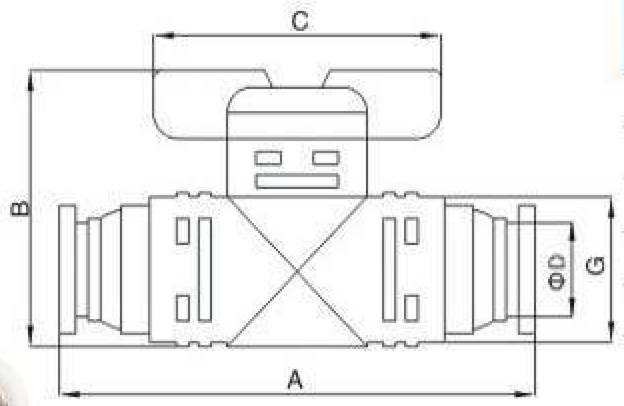
PK Five-way



Model	A	D	B
PK-4	59	23.5	11
PK-6	66	27	13
PK-8	76	30.5	15
PK-10	82	34.5	18.5
PK-12	98	39	21

(mm)

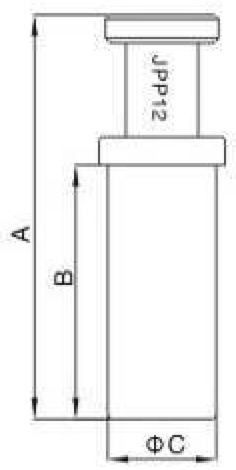
BUC Hand valve



Model	A	B	C	ΦD	G
BUC-4	56	32.5	35	4	17
BUC-6	57	32.5	35	6	17
BUC-8	58	32.5	35	8	17
BUC-10	65.5	38	40.5	10	22.5
BUC-12	66.5	38	40.5	12	22.5

(mm)

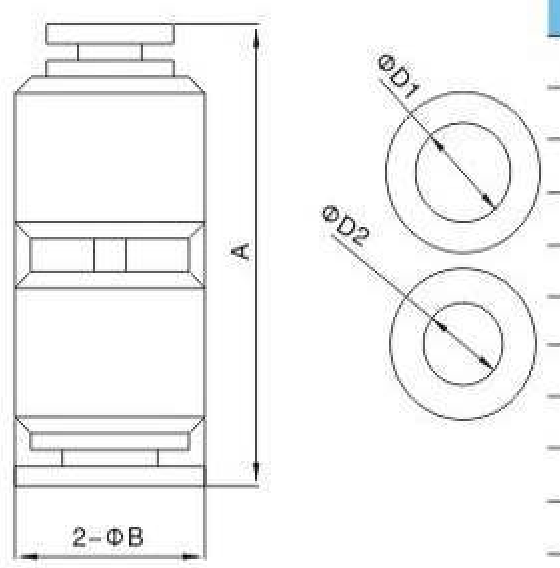
PP Tube plug



Model	A	B	C
PP-4	30.5	19.5	4
PP-6	34.5	20.5	6
PP-8	38.5	22.5	8
PP-10	41	25	10
PP-12	43	27	12

(mm)

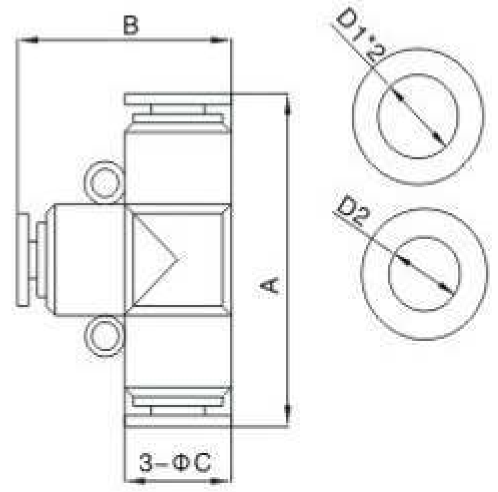
PG Straight reducer



Model	A	D1	D2	B
PG6-4	35	6	4	13
PG8-4	37	8	4	15
PG8-6	38	8	6	15
PG10-6	42.5	10	6	18.5
PG10-8	44.5	10	8	18.5
PG12-8	46.5	12	8	21
PG12-10	48	12	10	21
PG14-10	48.5	14	10	23.5
PG14-12	49	14	12	23.5
PG16-12	52	16	12	26
PG16-14	52.5	16	14	26

(mm)

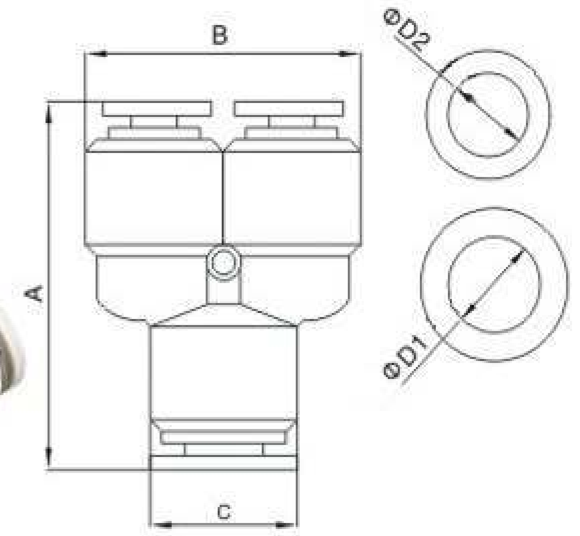
PEG Tee reducer



Model	A	B	D1*2	D2	C
PEG6-4	41	27	6	4	13
PEG8-4	46	29.5	8	4	15
PEG8-6	46	30.5	8	6	15
PEG10-6	51.5	33.5	10	6	18.5
PEG10-8	51.5	34	10	8	18.5
PEG12-8	57.5	38	12	8	21
PEG12-10	57.5	38.5	12	10	21
PEG14-10	62	42.5	14	10	23.5
PEG14-12	62	43	14	12	23.5
PEG16-12	66.5	45	16	12	26
PEG16-14	66.5	45.5	16	14	26

(mm)

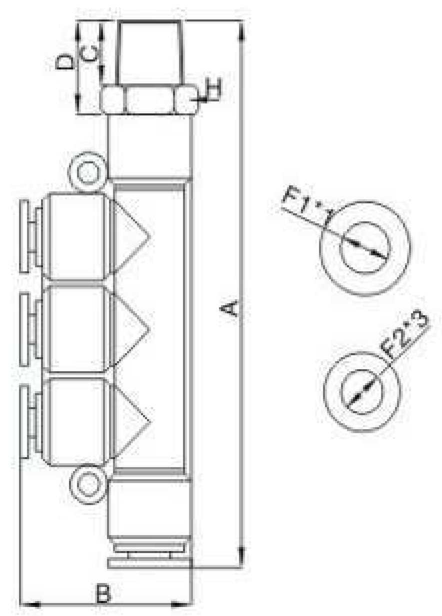
PW Y-type tee reducer



Model	A	B	D1	D2*2	C
PW6-4	35.5	26	6	4	13
PW8-4	37	21.5	8	4	15
PW8-6	41	30.5	8	6	15
PW10-6	40.5	26.5	10	6	18.5
PW10-8	48.5	35	10	8	18.5
PW12-8	48	41	12	8	21
PW12-10	57	40.5	12	10	21
PW14-10	57	50.5	14	10	23.5
PW14-12	57	50.5	14	12	25.5
PW16-12	58	50.5	16	12	25.5
PW16-14	58	50.5	16	14	25.5

(mm)

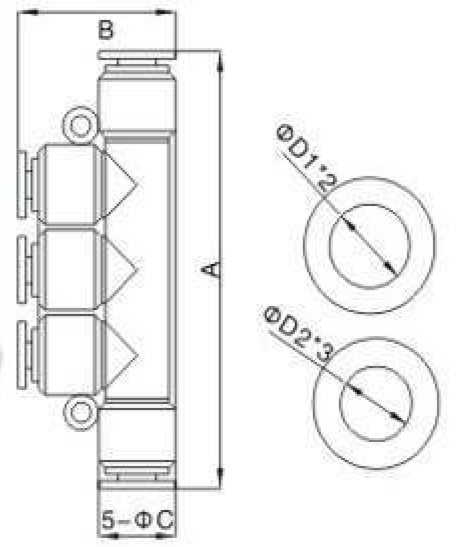
PKD thread five-way reducer



Model	A	B	C	D	H	F1*1	F2*3
PKD6-4-01	73.5	26.5	7	12	12	6	4
PKD8-6-01	83.5	31	7	12	14	8	6
PKD8-6-02	84.5	31	8	13	14	8	6
PKD10-6-03	95	34.5	9	14	17	10	6
PKD10-8-03	95	35	9	14	17	10	8
PKD12-8-04	112	38	11	16	21	12	8
PKD12-10-04	112	38.5	11	16	21	12	10
PKD10-6-02	94	34.5	8	13	17	10	6
PKD10-08-02	94	35	8	13	17	10	8
PKD12-8-03	110	38	9	14	19	12	8
PKD12-10-03	110	38.5	9	17	19	12	10

(mm)

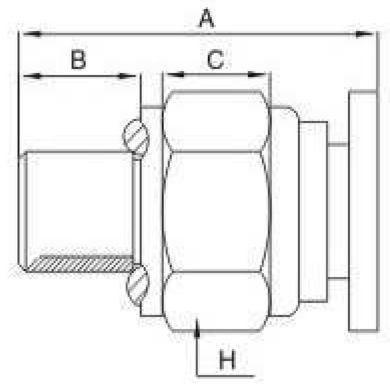
PKG Five-way reducer



Model	A	B	D1*2	D2*3	C
PKG6-4	66	26.5	6	4	13
PKG8-4	76	30	8	4	15
PKG8-6	76	31	8	6	15
PKG10-6	87	34.5	10	6	18.5
PKG10-8	87	35	10	8	18.5
PKG12-8	101.5	38	12	8	21
PKG12-10	101.5	38.5	12	10	21

(mm)

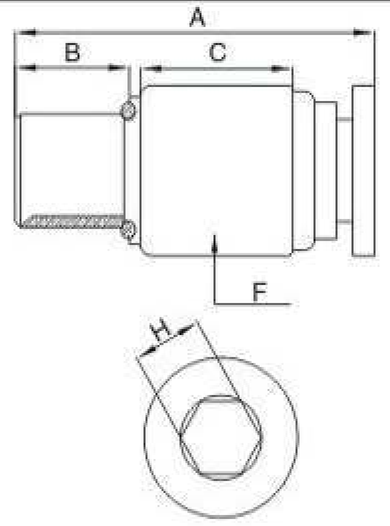
JPC-C Mini thread straight

Model	A	B	C	H
JPC-C4-M3	17.5	3.5	8.5	8
JPC-C4-M5	18	4	8.5	8
JPC-C6-M3	18.5	3.5	9	10
JPC-C6-M5	19	4	9	10
JPC-C6-01	18	7	6	10
JPC4-M6	19.5	5	9.5	8
JPC4-01	17.5	7	6	10
JPC6-M6	20.5	5	9.5	10

(mm)

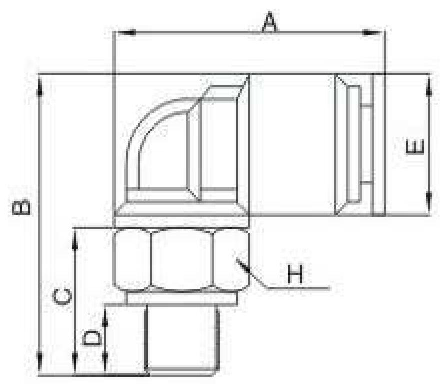
JPOC-C Mini thread straight

Model	A	B	C (mm)	F	H
JPOC4-M3	17.5	3.5	9.5	8	1
JPOC4-M5	18	4	9.5	8	2
JPOC4-M6	19.5	5	9.5	8	2.5
JPOC4-01	17.5	7	6	10	2.5
JPOC6-M3	18.5	3.5	9	10	1
JPOC6-M5	19	4	9	10	2
JPOC6-M6	20.5	5	9.5	10	2.5
JPOC6-01	18	7	6	10	4

(mm)

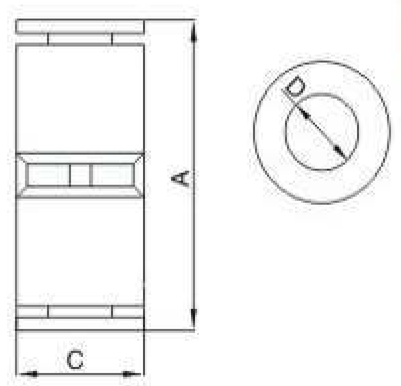
JPL-C Mini thread elbow

Model	A	B	C	D	H	E
JPL-C4-M3	18.5	19	10.5	3.5	8	8.5
JPL-C4-M5	18.5	19.5	11	4	8	8.5
JPL-C4-M6	18.5	20.5	12	5	8	8.5
JPL-C4-01	18.5	21	12.5	7	10	8.5
JPL-C6-M3	20	20	10.5	3.5	8	10.5
JPL-C6-M5	20	20.5	11	4	8	10.5
JPL-C6-M6	20	21.5	12	5	8	10.5
JPL-C6-01	20	22	12.5	7	10	10.5

(mm)

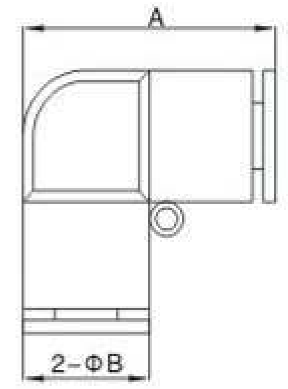
JPU-C Mini union

Model	A	D	C
JPU-C-4	27	4	9.5
JPU-C-6	29	6	11.5

(mm)

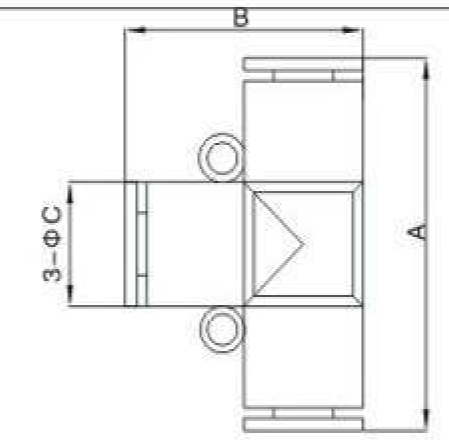
JPV-C Mini elbow

Model	A	B
JPV-C-4	19.5	9.5
JPV-C-6	22.5	11.5

(mm)

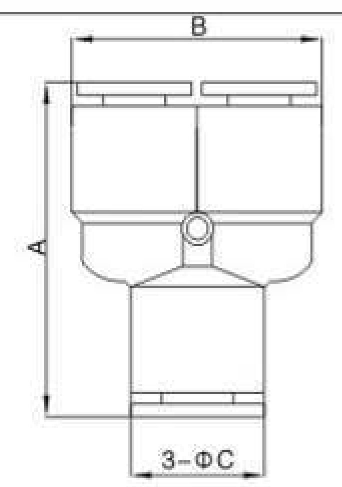
JPE-C Mini tee

Model	A	D	C
JPE-C-4	30	20	9.5
JPE-C-6	34	23	11.5

(mm)

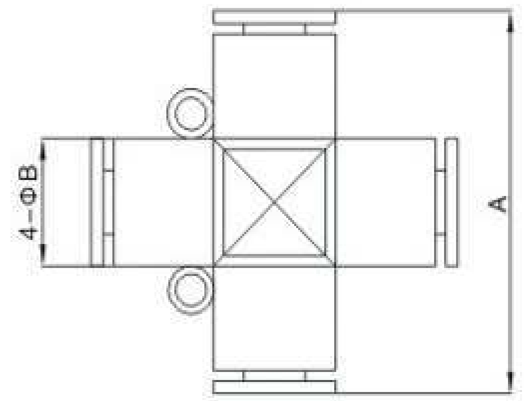
JPY-C Mini Y-type tee

Model	A	D	C
JPY-C-4	29	19	9.5
JPY-C-6	32	23	11.5

(mm)

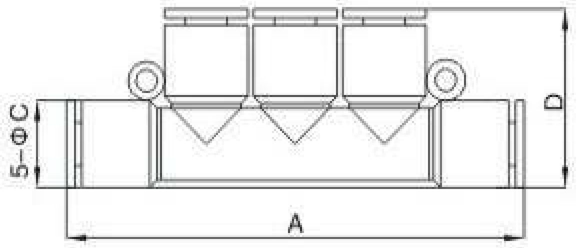
JPZA-C Mini cross

Model	A	B
JPZA-C-4	30	9.5
JPZA-C-6	34	11.5

(mm)

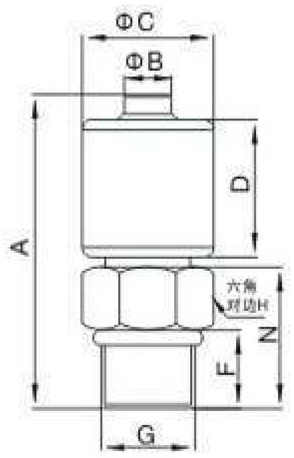
JPK-C Mini five way

Model	A	D	C
JPK-C-4	48.5	20	9.5
JPK-C-6	57	23	11.5

(mm)

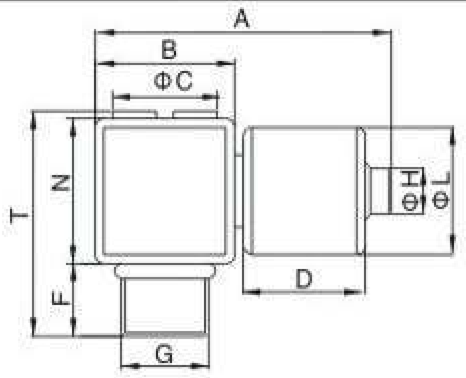
KLC-C Mini screw thread straight

Model	A	B	C	D	G	F	N	H
4-M3	14.5	2.5	7	7	M3	3	6.5	7
4-M5	16	2.5	7	7	M5	3.5	7	7
6-M5	17.5	4	8.2	8.2	M5	3.5	7	8

(mm)

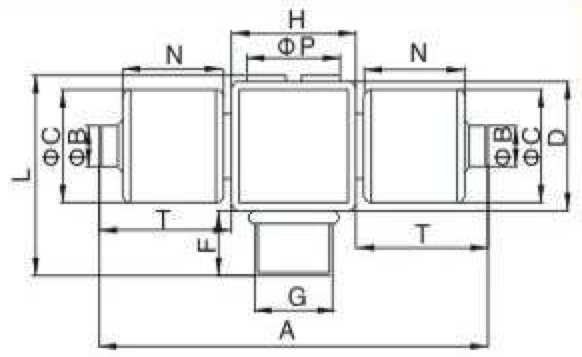
KLL-C Mini screw thread elbow

Model	A	B	C	D	G	F	N	H	T	L
4-M3	16.5	8	7	7	M3	3	8	2.5	11.5	7
4-M5	17	8	7	7	M5	3.5	8	2.5	12	7
6-M5	18	8	7	8.2	M5	3.5	8	4	12	8.2

(mm)

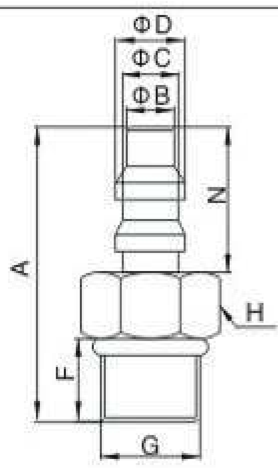
KLE-C Mini screw male thread tee

Model	A	B	C	D	G	F	N	H	P	L	T
4-M5	25	2.5	7	8	M5	3.5	7	8	7	12	8.5
6-M5	27	4	8.2	8	M5	3.5	8.2	8	7	12	9.5

(mm)

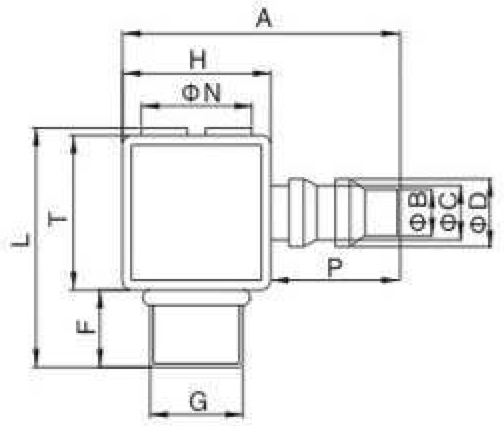
BG-C Mini pagoda thread elbow

Model	A	B	C	D	G	F	N	H
4-M5	14.5	2.5	2.8	7	M5	3.5	7	7
6-M5	14.5	4	4.3	8.2	M5	3.5	7	7

(mm)

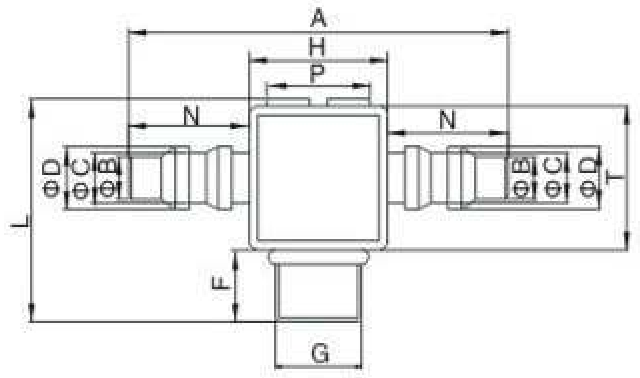
BGL-C mini pagoda thread straight

Model	A	B	C	D	G	F	N	H	P	L	T
4-M5	1.5	2.5	2.8	3.5	M5	3.5	7	8	7	12	8
6-M5	1.5	4	4.3	5	M5	3.5	7	8	7	12	8

(mm)

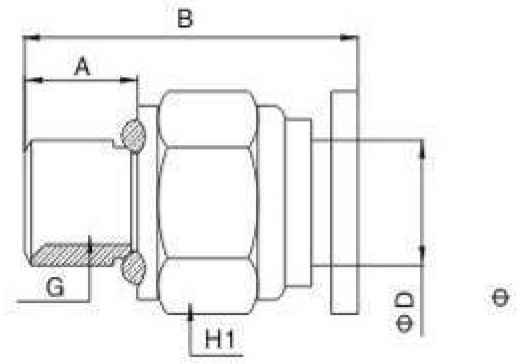
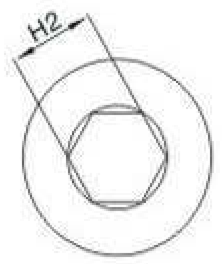
BGE-C Mini Pagoda male thread tee

Model	A	B	C	D	G	F	N	H	P	L	T
4-M5	2.2	25	2.8	3.5	M5	3.5	7	8	7	12	8
6-M5	2.2	4	4.3	5	M5	3.5	7	8	7	12	8

(mm)

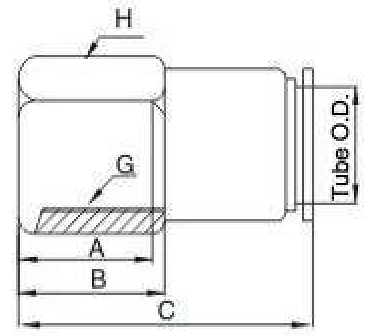
PC-G Male thread straight

Model	D	G	B	A	H1	H2
PC4-G01	4	G1/8	19.5	5.5	12	3
PC4-G02	4	G1/4	19.5	6.5	15	3
PC4-G03	4	G3/8	19.5	7.5	19	3
PC6-G01	6	G1/8	20	5.5	12	4
PC6-G02	6	G1/4	21.5	6.5	15	4
PC6-G03	6	G3/8	21.5	7.5	19	4
PC6-G04	6	G1/2	22.5	10	24	4
PC8-G01	8	G1/8	25.5	5.5	14	5
PC8-G02	8	G1/4	23.5	6.5	15	6
PC8-G03	8	G3/8	21	7.5	19	6
PC8-G04	8	G1/2	24	10	24	6
PC10-G01	10	G1/8	24.5	5.5	17	5
PC10-G02	10	G1/4	25.5	6.5	17	6
PC10-G03	10	G3/8	26.5	7.5	19	8
PC10-G04	10	G1/2	25	10	24	5
PC12-G01	12	G1/8	27.5	5.5	19	6
PC12-G02	12	G1/4	28.5	6.5	19	10
PC12-G03	12	G3/8	29	7.5	19	10
PC12-G04	12	G1/2	29.5	10	24	6
PC14-G02	14	G1/4	33	6.5	21	10
PC14-G03	14	G3/8	31.5	7.5	21	10
PC14-G04	14	G1/2	31	10	24	6
PC16-G02	16	G1/4	31.5	6.5	24	10
PC16-G03	16	G3/8	32.5	7.5	24	12
PC16-G04	16	G1/2	35	10	24	8

(mm)

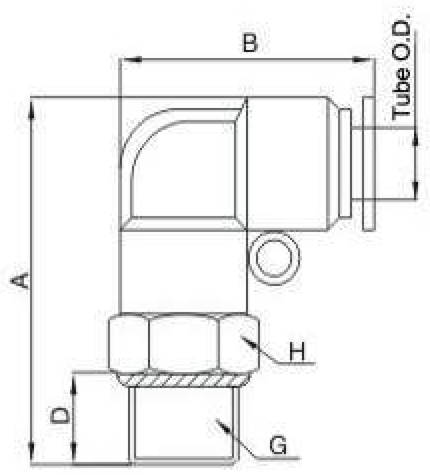
PCF-G Female thread straight



Model	O.D.	R	A	B	C	H
PCF4-G01	4	G1/8	9	11	24	12
PCF4-G02	4	G1/4	10	12	26	15
PCF4-G03	4	G3/8	11	13	27	19
PCF6-G01	6	G1/8	9	11	27.5	12
PCF6-G02	6	G1/4	10	12	27.5	15
PCF6-G03	6	G3/8	11	13	28.5	19
PCF6-G04	6	G1/2	13	15	31	24
PCF8-G01	8	G1/8	9	11	28	14
PCF8-G02	8	G1/4	10	12	28	15
PCF8-G03	8	G3/8	11	13	28	19
PCF8-G04	8	G1/2	13	15	31.5	24
PCF10-G01	10	G1/8	9	11	29	17
PCF10-G02	10	G1/4	10	12	30	17
PCF10-G03	10	G3/8	11	13	31	19
PCF10-G04	10	G1/2	13	15	33	24
PCF12-G01	12	G1/8	9	11	32	19
PCF12-G02	12	G1/4	10	12	32	19
PCF12-G03	12	G3/8	11	13	32	19
PCF12-G04	12	G1/2	13	15	34	24

(mm)

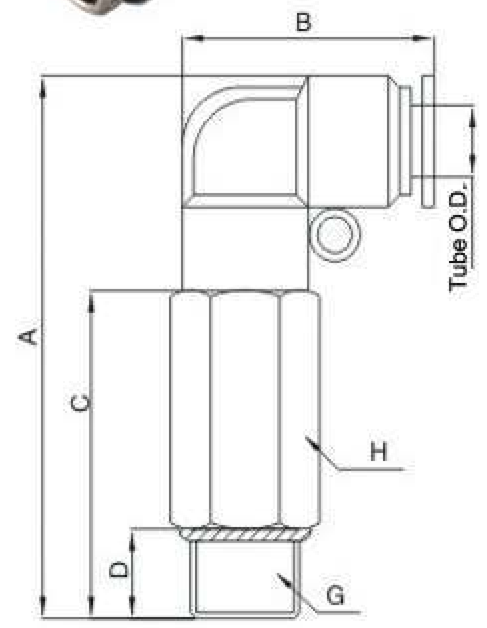
PL-G L-Type Male Elbow



Model	A	B	O.D.	D	H	G
PL4-G01	29.5	23	4	5.5	12	G1/8
PL4-G02	30.5	23	4	6.5	15	G1/4
PL6-G01	29.5	26	6	5.5	12	G1/8
PL6-G02	30.5	26	6	6.5	15	G1/4
PL6-G03	35	27	6	7.5	19	G3/8
PL6-G04	38	27	6	10	24	G1/2
PL8-G01	33	29.5	8	5.5	14	G1/8
PL8-G02	34	29.5	8	6.5	15	G1/4
PL8-G03	35	29.5	8	7.5	19	G3/8
PL8-G04	41.5	30.5	8	10	24	G1/2
PL10-G01	37	32.5	10	5.5	17	G1/8
PL10-G02	38	32.5	10	6.5	17	G1/4
PL10-G03	39	32.5	10	7.5	19	G3/8
PL10-G04	42	32.5	10	10	24	G1/2
PL12-G01	38.5	37	12	5.5	19	G1/8
PL12-G02	39.5	37	12	6.5	19	G1/4
PL12-G03	40.5	37	12	7.5	19	G3/8
PL12-G04	43.5	37	12	10	24	G1/2
PL14-G02	52.5	45.5	14	6.5	24	G1/4
PL14-G03	53.5	45.5	14	7.5	24	G3/8
PL14-G04	56	45.5	14	10	24	G1/2
PL16-G02	52.5	46	16	6.5	24	G1/4
PL16-G03	53.5	46	16	7.5	24	G3/8
PL16-G04	56	46	16	10	24	G1/2

(mm)

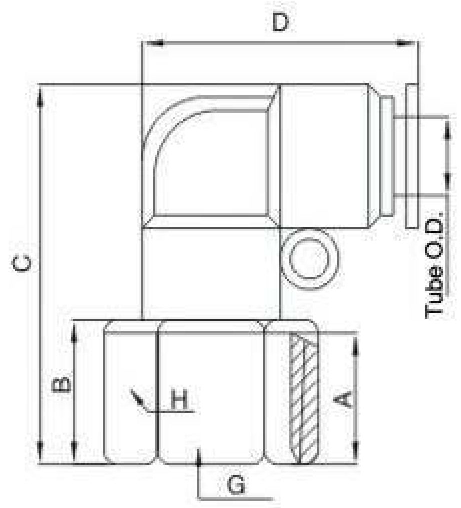
PLL-G Extended L-thread Elbow



Model	A	B	C	D	H	E	G
PLL4-G01	45	23	25.5	5.5	12	4	G1/8
PLL4-G02	46	23	26.5	6.5	15	4	G1/4
PLL6-G01	48	27	25.5	5.5	12	6	G1/8
PLL6-G02	49	27	26.5	6.5	15	6	G1/4
PLL6-G03	50	27	27.5	7.5	19	6	G3/8
PLL6-G04	52.5	27	30	10	24	6	G1/2
PLL8-G01	51	30.5	25.5	5.5	14	8	G1/8
PLL8-G02	52	30.5	26.5	6.5	15	8	G1/4
PLL8-G03	53	30.5	27.5	7.5	19	8	G3/8
PLL8-G04	55.5	30.5	30	10	24	8	G1/2
PLL10-G01	54.5	34	25.5	5.5	17	10	G1/8
PLL10-G02	55.5	34	26.5	6.5	17	10	G1/4
PLL10-G03	56.5	34	27.5	7.5	19	10	G3/8
PLL10-G04	59	34	30	10	24	10	G1/2
PLL12-G01	58.5	38.5	25.5	5.5	19	12	G1/8
PLL12-G02	59.5	38.5	26.5	6.5	19	12	G1/4
PLL12-G03	60.5	38.5	27.5	7.5	19	12	G3/8
PLL12-G04	63	38.5	30	10	24	12	G1/2

(mm)

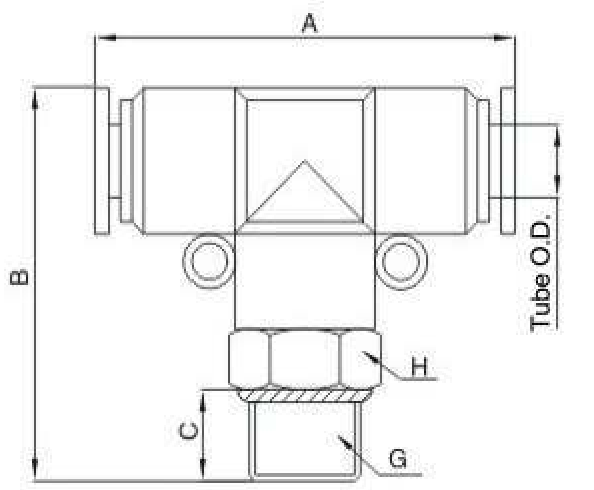
PLF-G L-Type Female Elbow



Model	D	G	A	B	C	H	O.D.
PLF4-G01	23	G1/8	9	10.5	30	12	4
PLF4-G02	23	G1/4	10	11.5	31	15	4
PLF4-G03	23	G3/8	11	13	32.5	19	4
PLF6-G01	27	G1/8	9	10.5	33	12	6
PLF6-G02	27	G1/4	10	11.5	34	15	6
PLF6-G03	27	G3/8	11	13	35.5	19	6
PLF6-G04	27	G1/2	13	15	37.5	24	6
PLF8-G01	30.5	G1/8	9	10.5	36	14	8
PLF8-G02	30.5	G1/4	10	11.5	37	15	8
PLF8-G03	30.5	G3/8	11	13	38.5	19	8
PLF8-G04	30.5	G1/2	13	15	40.5	24	8
PLF10-G01	34	G1/8	9	10.5	39.5	17	10
PLF10-G02	34	G1/4	10	11.5	40.5	17	10
PLF10-G03	34	G3/8	11	13	42	19	10
PLF10-G04	34	G1/2	13	15	44	24	10
PLF12-G01	38.5	G1/8	9	10.5	43.5	19	12
PLF12-G02	38.5	G1/4	10	11.5	44.5	19	12
PLF12-G03	38.5	G3/8	11	13	46	19	12
PLF12-G04	38.5	G1/2	13	15	48	24	12

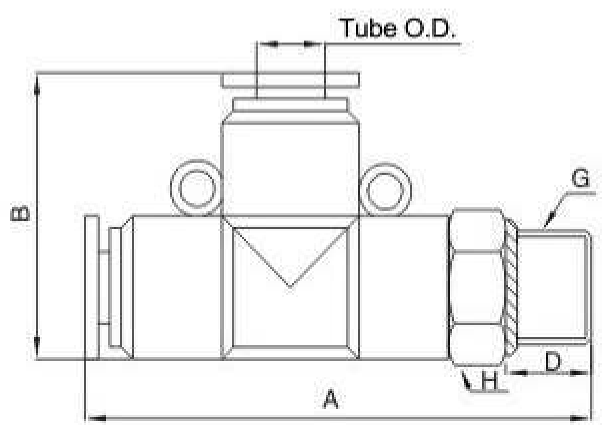
(mm)

PB-G T-threaded tee



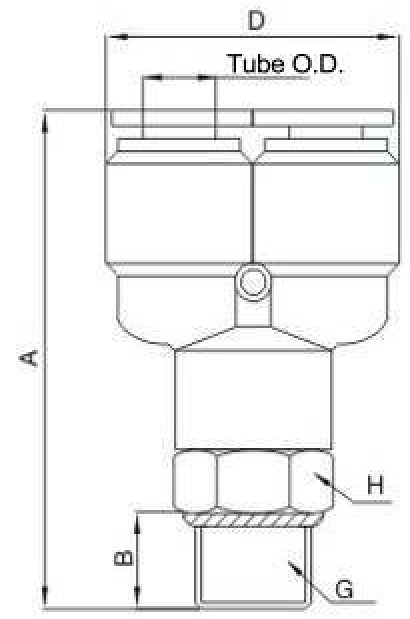
Model	A	B	C	O.D.	H	G
PB4-G01	35	29.5	5.5	4	12	G1/8
PB4-G02	35	30.5	6.5	4	15	G1/4
PB4-G03	35	31.5	7.5	4	19	G3/8
PB6-G01	41	32.5	5.5	6	12	G1/8
PB6-G02	41	33.5	6.5	6	15	G1/4
PB6-G03	41	34.5	7.5	6	19	G3/8
PB6-G04	41	37	10	6	24	G1/2
PB8-G01	46	36	5.5	8	14	G1/8
PB8-G02	46	37	6.5	8	15	G1/4
PB8-G03	46	38	7.5	8	19	G3/8
PB8-G04	46	40.5	10	8	24	G1/2
PB10-G01	50.5	39.5	5.5	10	17	G1/8
PB10-G02	50.5	40.5	6.5	10	17	G1/4
PB10-G03	50.5	41.5	7.5	10	19	G3/8
PB10-G04	50.5	44	10	10	24	G1/2
PB12-G01	56.5	43.5	5.5	12	19	G1/8
PB12-G02	56.5	44.5	6.5	12	19	G1/4
PB12-G03	56.5	45.5	7.5	12	19	G3/8
PB12-G04	56.5	48	10	12	24	G1/2
PB14-G02	66	52	6.5	14	24	G1/4
PB14-G03	66	53	7.5	14	24	G3/8
PB14-G04	66	55.5	10	14	24	G1/2
PB16-G02	66.5	52	6.5	16	24	G1/4
PB16-G03	66.5	53	7.5	16	24	G3/8
PB16-G04	66.5	55.5	10	16	24	G1/2

PD-G T-Side thread tee



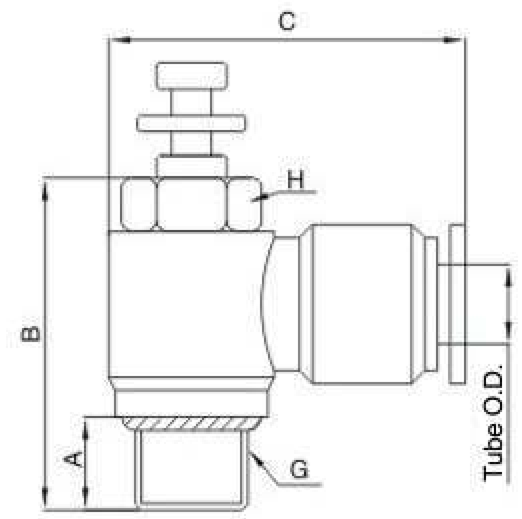
Model	A	B	O.D.	D	H	G
PD4-G01	41.5	23	4	5.5	12	G1/8
PD4-G02	42.5	23	4	6.5	15	G1/4
PD4-G03	43.5	23	4	7.5	19	G3/8
PD6-G01	47	27	6	5.5	12	G1/8
PD6-G02	48	27	6	6.5	15	G1/4
PD6-G03	49	27	6	7.5	19	G3/8
PD6-G04	51.5	27	6	10	24	G1/2
PD8-G01	51.5	30.5	8	5.5	14	G1/8
PD8-G02	52.5	30.5	8	6.5	15	G1/4
PD8-G03	53.5	30.5	8	7.5	19	G3/8
PD8-G04	56	30.5	8	10	24	G1/2
PD10-G01	55.5	34	10	5.5	17	G1/8
PD10-G02	56.5	34	10	6.5	17	G1/4
PD10-G03	57.5	34	10	7.5	19	G3/8
PD10-G04	60	34	10	10	24	G1/2
PD12-G01	61.5	38.5	12	5.5	19	G1/8
PD12-G02	62.5	38.5	12	6.5	19	G1/4
PD12-G03	63.5	38.5	12	7.5	19	G3/8
PD12-G04	66	38.5	12	10	24	G1/2
PD14-G02	72	46	14	6.5	24	G1/4
PD14-G03	73	46	14	7.5	24	G3/8
PD14-G04	75.5	46	14	10	24	G1/2
PD16-G02	72.5	46	16	6.5	24	G1/4
PD16-G03	73.5	46	16	7.5	24	G3/8
PD16-G04	76	46	16	10	24	G1/2

PX-G Y-Type threaded tee



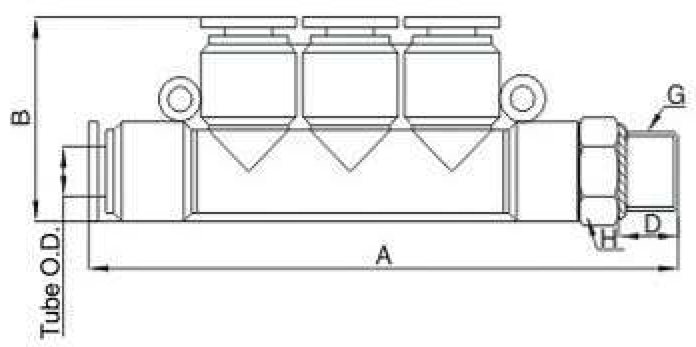
Model	A	B	O.D.	D	H	G
PX4-G01	40.5	5.5	4	21.5	12	G1/8
PX4-G02	41.5	6.5	4	21.5	15	G1/4
PX4-G03	42.5	7.5	4	21.5	19	G3/8
PX6-G01	44.5	5.5	6	25.5	12	G1/8
PX6-G02	45.5	6.5	6	25.5	15	G1/4
PX6-G03	46.5	7.5	6	25.5	19	G3/8
PX6-G04	49	10	6	25.5	24	G1/2
PX8-G01	48.5	5.5	8	30	14	G1/8
PX8-G02	49.5	6.5	8	30	15	G1/4
PX8-G03	50.5	7.5	8	30	19	G3/8
PX8-G04	53	10	8	30	24	G1/2
PX10-G01	55	5.5	10	36	17	G1/8
PX10-G02	56	6.5	10	36	17	G1/4
PX10-G03	57	7.5	10	36	19	G3/8
PX10-G04	59.5	10	10	36	24	G1/2
PX12-G01	62.5	5.5	12	41	19	G1/8
PX12-G02	63.5	6.5	12	41	19	G1/4
PX12-G03	64.5	7.5	12	41	19	G3/8
PX12-G04	67	10	12	41	24	G1/2
PX14-G02	57.5	6.5	14	51	24	G1/4
PX14-G03	58.5	7.5	14	51	24	G3/8
PX14-G04	61	10	14	51	24	G1/2
PX16-G02	58	6.5	16	51	24	G1/4
PX16-G03	59	7.5	16	51	24	G3/8
PX16-G04	61.5	10	16	51	24	G1/2

SL-G L-type flow control



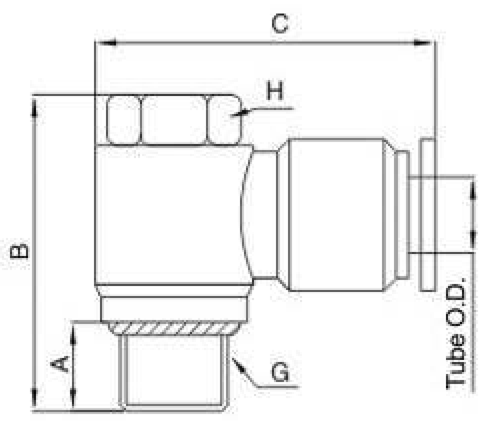
Model	A	B	C	H	G	O.D.
SL4-G01	7	24.5	31.5	11	G1/8	4
SL4-G02	8.5	28.5	34	15	G1/4	4
SL6-G01	7	24.5	32	11	G1/8	6
SL6-G02	8.5	28.5	35	15	G1/4	6
SL6-G03	9.5	32	41.5	19	G3/8	6
SL6-G04	12	36	45	22	G1/2	6
SL8-G01	7	24.5	34	11	G1/8	8
SL8-G02	8.5	28.5	38	15	G1/4	8
SL8-G03	9.5	32	42	19	G3/8	8
SL8-G04	12	36	45.5	22	G1/2	8
SL10-G01	7	24.5	36.5	11	G1/8	10
SL10-G02	8.5	28.5	40.5	15	G1/4	10
SL10-G03	9.5	32	45	19	G3/8	10
SL10-G04	12	36	49	22	G1/2	10
SL12-G01	7	24.5	39	11	G1/8	12
SL12-G02	8.5	28.5	42	15	G1/4	12
SL12-G03	9.5	32	45.5	19	G3/8	12
SL12-G04	12	36	49	22	G1/2	12
SL16-G04	12	36	54.5	22	G1/2	16

PKB-G Five-way side thread



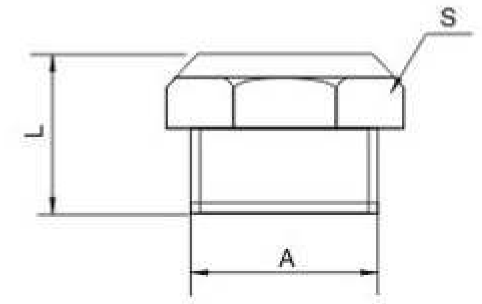
Model	A	B	O.D.	D	H	G
PKB4-G01	65.5	23	4	5.5	12	G1/8
PKB4-G02	66.5	23	4	6.5	15	G1/4
PKB6-G01	72	27	6	5.5	12	G1/8
PKB6-G02	73	27	6	6.5	15	G1/4
PKB6-G03	74	27	6	7.5	19	G3/8
PKB6-G04	76.5	27	6	10	24	G1/2
PKB8-G01	83	30	8	5.5	14	G1/8
PKB8-G02	84	30	8	6.5	15	G1/4
PKB8-G03	85	30	8	7.5	19	G3/8
PKB8-G04	87.5	30	8	10	24	G1/2
PKB10-G01	94.5	35.5	10	5.5	17	G1/8
PKB10-G02	95.5	35.5	10	6.5	17	G1/4
PKB10-G03	96.5	35.5	10	7.5	19	G3/8
PKB10-G04	99	35.5	10	10	24	G1/2
PKB12-G01	103	39	12	5.5	19	G1/8
PKB12-G02	104	39	12	6.5	19	G1/4
PKB12-G03	105	39	12	7.5	19	G3/8
PKB12-G04	107.5	39	12	10	24	G1/2

PH-G External hexagon



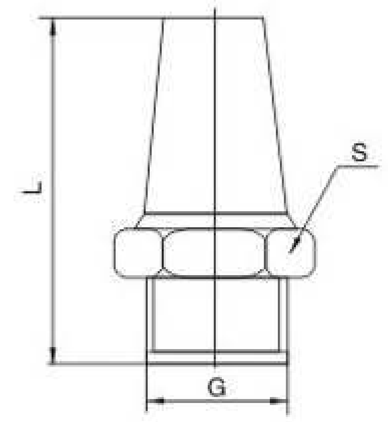
Model	A	B	C	H	G	O.D.
PH4-G01	7	24.5	31.5	11	G1/8	4
PH4-G02	8.5	28.5	34	15	G1/4	4
PH6-G01	7	24.5	32	11	G1/8	6
PH6-G02	8.5	28.5	35	15	G1/4	6
PH6-G03	9.5	32	41.5	19	G3/8	6
PH6-G04	12	36	45	22	G1/2	6
PH8-G01	7	24.5	34	11	G1/8	8
PH8-G02	8.5	28.5	38	15	G1/4	8
PH8-G03	9.5	32	42	19	G3/8	8
PH8-G04	12	36	45.5	22	G1/2	8
PH10-G01	7	24.5	36.5	11	G1/8	10
PH10-G02	8.5	28.5	40.5	15	G1/4	10
PH10-G03	9.5	32	45	19	G3/8	10
PH10-G04	12	36	49	22	G1/2	10
PH12-G01	7	24.5	39	11	G1/8	12
PH12-G02	8.5	28.5	42	15	G1/4	12
PH12-G03	9.5	32	45.5	19	G3/8	12
PH12-G04	12	36	49	22	G1/2	12
PH16-G04	12	36	54.5	22	G1/2	16

BSLM Flatheaded silencer



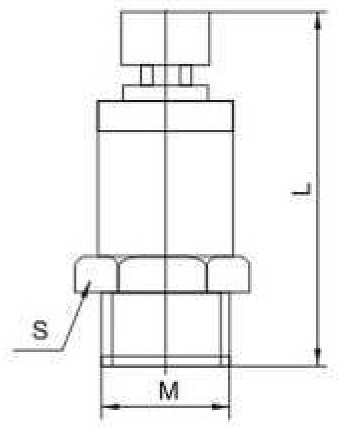
Model	L	S
BSLM M5"	7.5	8
BSLM 1/8"	12	12
BSLM 1/4"	13	15
BSLM 3/8"	14	18
BSLM 1/2"	15	21
BSLM 3/4"	17	27
BSLM 1"	30.5	34

BSL Pointed silencer



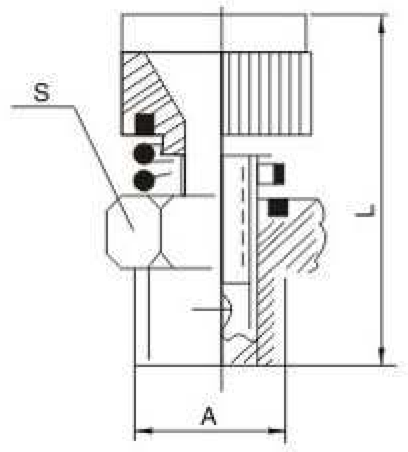
Model	L	S
BSL M5"	19	8
BSL 1/8"	23.5	12
BSL 1/4"	27	15
BSL 3/8"	34.5	18
BSL 1/2"	39	21
BSL 3/4"	52	27
BSL 1"	66	34
BSL 1 1/4"	77	46
BSL 1 1/2"	83	56
BSL 2"	115	64

BESL Adjustable silencer



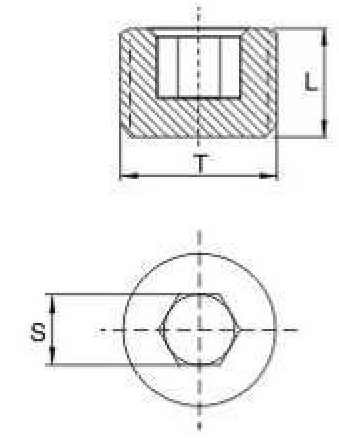
Model	L	S
BESL M5"	33	12
BESL 1/4"	35	14
BESL 3/8"	43	17
BESL 1/2"	50	21
BESL 3/4"	60	27
BESL G1"	78	34

BSSL Spring silenner



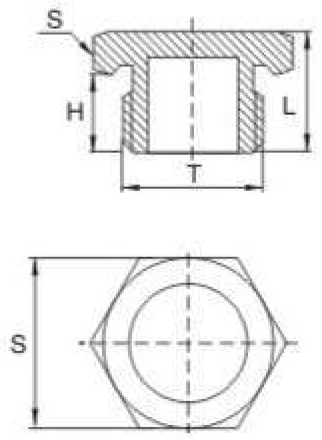
Model	L	S
BSSL 1/8"	25	12
BSSL 1/4"	30	14
BSSL 3/8"	33	17
BSSL 1/2"	33	21
BSSL 3/4"	33	27
BSSL 1"	35	34

BD Plug



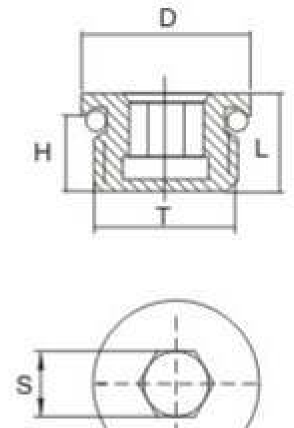
Model	L	T	S
BD-01	7	R1/8	5
BD-02	9	R1/4	6
BD-03	11	R3/8	8
BD-04	14	R1/2	10
BD-06	15	R3/4	12
BD-1	16	R1"	12

BY Stainless hexagonal plug

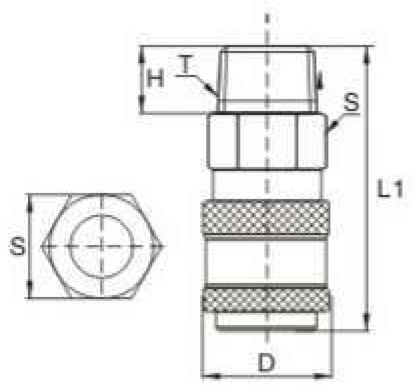
Model	L	H	T	S
BY-M5	6	3.6	M5	8
BY-01G	8.5	5	G1/8	12
BY-02G	10.5	7	G1/4	16
BY-03G	11.5	7.5	G3/8	19
BY-04G	12.5	8.5	G1/2	24

BT Inner hexagonal plug

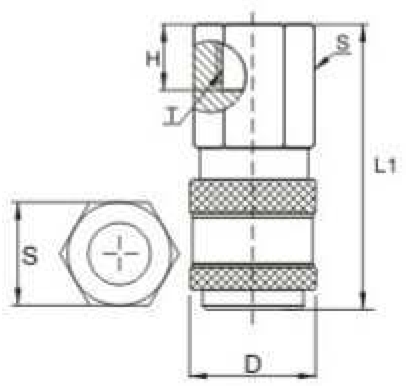
Model	L	H	T	D	S
BT-M5	5.1	3.6	M5	Φ7.8	2
BT-01G	7	5	G1/8	Φ12	4
BT-02G	9	7	G1/4	Φ15.6	6
BT-03G	9.8	7.5	G3/8	Φ19	10
BT-04G	11	8.5	G1/2	Φ24	12
BT-06G	16	12	G3/4	Φ30	12

SM

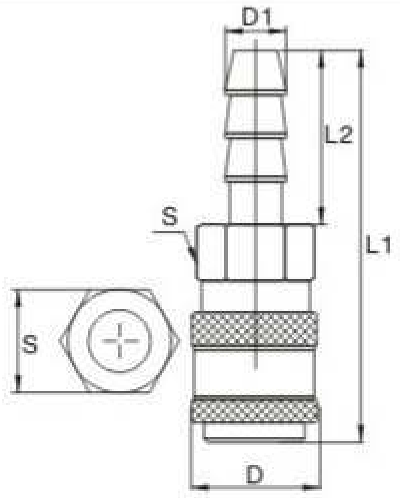
Thread	Model	L	H	T	S	D
R1/8	SM10	–	–	–	–	–
R1/4	SM20	37	9	R1/4	Φ17	14
R3/8	SM30	37.5	9.5	R3/8	Φ17	17
R1/2	SM40	39.5	11.5	R1/2	Φ17	21

SF

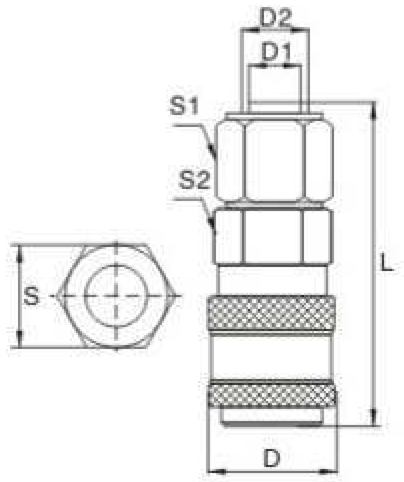
Thread	Model	L	H	T	D	S
G1/8	SF10	–	–	–	–	–
G1/4	SF20	39.5	10	G1/4	Φ17	17
G3/8	SF30	40	10.5	G3/8	Φ17	19
G1/2	SF40	41.5	12	G1/2	Φ17	24

SH

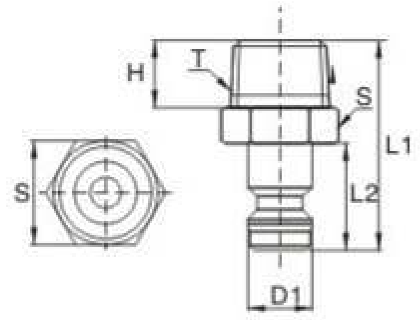
Tube I.D.	Model	L1	L2	D	D1	S
Φ6	SH10	–	–	–	–	–
Φ8	SH20	50	22	Φ17	Φ8	14
Φ10	SH30	51	23	Φ17	Φ10	14
Φ12	SH40	56	25	Φ17	Φ12	14

SP

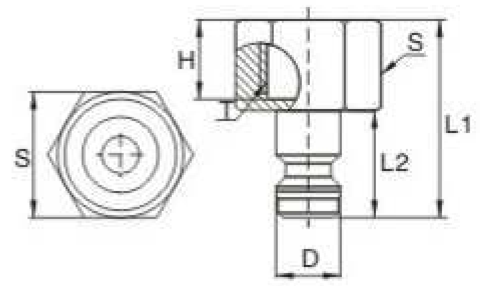
Tube	Model	L	D	D×d	S1	S2
Φ6×4	SP10	–	–	–	–	–
Φ8×5	SP20	38	Φ7	6×4	10	12
Φ10×6.5	SP30	42	Φ7	8×6	13	12
Φ12×8	SP40	42	Φ7	10×6.5	15	14

PM

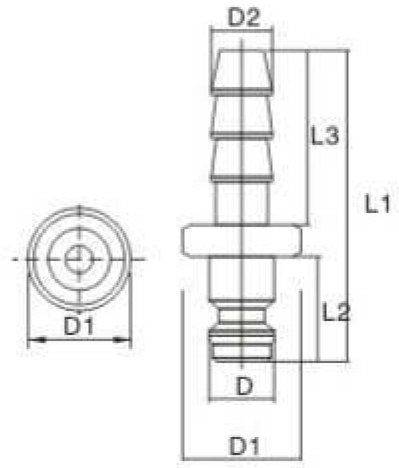
Thread	Model	L	L2	H	T	D	S
R1/8	PM10	–	–	–	–	–	–
R1/4	PM20	28	14.5	9	R1/4	Φ8.9	14
R3/8	PM30	28	14.5	9.5	R3/8	Φ8.9	17
R1/2	PM40	30	14.5	11.5	R1/2	Φ8.9	21

PF

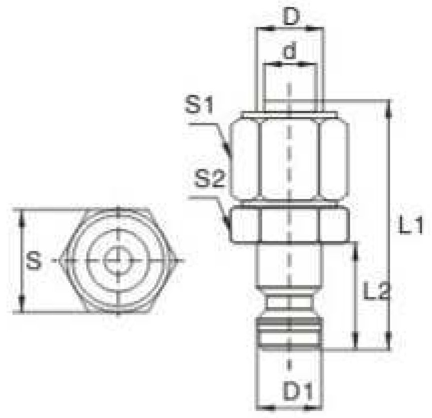
Tube	Model	L	L2	H	T	S	D
G1/8	PF10	–	–	–	–	–	–
G1/4	PF20	26	14.5	10	G1/4	17	Φ8.9
G3/8	PF30	27	14.5	11	G3/8	19	Φ8.9
G1/2	PF40	28	14.5	12	G1/2	24	Φ8.9

PH

Tube I.D.	Model	L1	L2	L3	D	D1	D2
Φ6	PH10	–	–	–	–	–	–
Φ8	PH20	39	14.5	22	Φ8.9	Φ12	Φ8
Φ10	PH30	40	14.5	23	Φ8.9	Φ12	Φ10
Φ12	PH40	42	14.5	25	Φ8.9	Φ16	Φ12

PP

Tube	Model	L1	L2	D×d	D1	S1	S2
Φ6×4	PP10	–	–	–	–	–	–
Φ8×5	PP20	29.5	14.5	6×4	Φ8.9	10	12
Φ10×6.5	PP30	32.5	14.5	8×6	Φ8.9	13	12
Φ12×8	PP40	34	14.5	10×6.5	Φ8.9	15	14