

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

Product feature

1. The quick plug-in pneumatic pipe joint is used for pneumatic pipe system.
2. There are many kinds of pipe joints, which can be used in all kinds of gas pipe systems.
3. Even after installation, the direction of the pipe can be changed freely.
4. Nickel plated copper body can prevent corrosion and pollution.
5. All R and NPT thread sealants are used for sealing.
6. Standard O-rings are used for all straight threads.

Specifications

Using fluids	Air, water (conditional)
Working pressure range	0~1.2MPa
Use vacuum pressure	-100KPa (10Torr)
Working temperature range	-10~60℃



Warning

Water (conditional)

1. Service temperature: 0~60℃
2. Working pressure: 0~0.3MPa
3. There should be no water hammer (shock flow)
4. Be sure to install intubation

Ordering code (example)

PL 8 - G01

Model

Tube size

Tube size	Metric size					
Code name	4	6	8	10	12	16
Size (mm)	Φ4	Φ6	Φ8	Φ10	Φ12	Φ16

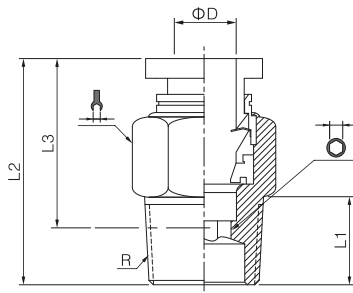
Tube size	Inch size					
Code name	5/32	3/16	1/4	5/16	3/8	1/2
Size (mm)	Φ3.96	Φ4.76	Φ6.35	Φ7.94	Φ9.53	Φ12.7

Thread specification

	55° taper pipe thread					Metric thread			55° straight pipe thread				
Code name	01	02	03	04	06	M3	M5	M6	G01	G02	G03	G04	G06
Thread	R1/8	R1/4	R3/8	R1/2	R3/4	M3x0.5	M5x0.8	M6x1.0	G1/8	G1/4	G3/8	G1/2	G3/4

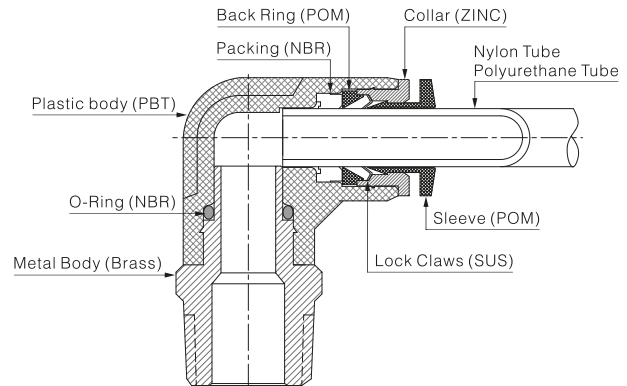
	Unified fine thread/UNF			American 60° tapered pipe thread				
Code name	U10			N01	N02	N03	N04	N06
Thread	10-32UNF			NPT1/8	NPT1/4	NPT3/8	NPT1/2	NPT3/4

PC-R Series

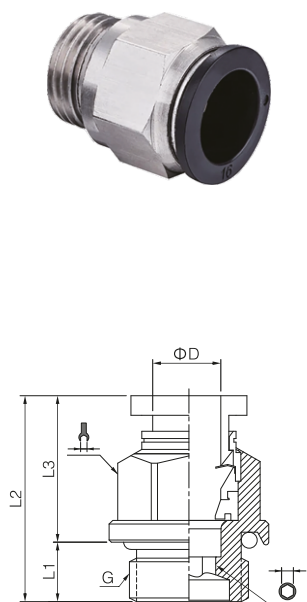


Model	ΦD	R	L1	L2	L3	⌀	⌀I
PC4-M5	4	M5	3.5	20	16.5	10	2
PC4-M6		M6	4	20.5	16.5	10	2.5
PC4-01		R1/8	7.5	19.5	15.5	10	3
PC4-02		R1/4	10	19.5	13.5	14	3
PC4-03		R3/8	10.5	20.5	14	17	3
PC6-M5	6	M5	3.5	21	17.5	12	2
PC6-M6		M6	4	21.5	17.5	12	2.5
PC6-01		R1/8	7.5	21	17	12	4
PC6-02		R1/4	10	23	17	14	4
PC6-03		R3/8	10.5	21	14.5	17	4
PC6-04	8	R1/2	13.5	25	16.5	21	4
PC8-01		R1/8	7.5	26.5	22.5	14	5
PC8-02		R1/4	10	25	19	14	6
PC8-03		R3/8	10.5	21.5	15	17	6
PC8-04		R1/2	13.5	25.5	17.5	21	6
PC10-01	10	R1/8	7.5	29	25	17	5
PC10-02		R1/4	10	31	25	17	6
PC10-03		R3/8	10.5	27	20.5	17	8
PC10-04		R1/2	13.5	26.5	18	21	8
PC10-06		R3/4	15	28	18.5	27	8
PC12-01	12	R1/8	7.5	31.5	27.5	21	5
PC12-02		R1/4	10	34	28	21	6
PC12-03		R3/8	10.5	29.5	23	21	8
PC12-04		R1/2	13.5	32.5	24.5	21	10
PC12-06		R3/4	15	29	19.5	27	10
PC14-02	14	R1/4	10	34.5	28.5	22	6
PC14-03		R3/8	10.5	35	28.5	22	10
PC14-04		R1/2	13.5	33	24.5	22	10
PC14-06		R3/4	15	29.5	20	27	10
PC16-02	16	R1/4	10	36	30	24	6
PC16-03		R3/8	10.5	37	30.5	24	10
PC16-04		R1/2	13.5	37	28.5	24	12
PC16-06		R3/4	15	29.5	20	27	12

Schematic diagram of structure

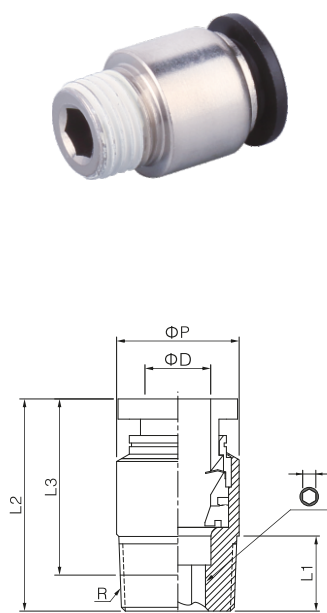


PC-G Series



Model	ΦD	G	L1	L2	L3		OI
PC4-G01	4	G1/8	5.5	19.5	14	10	3
PC4-G02		G1/4	6.5	19.5	13	12	3
PC6-G01	6	G1/8	5.5	20.5	15	12	4
PC6-G02		G1/4	6.5	21.5	15	12	4
PC6-G03		G3/8	7.5	21	13.5	16	4
PC6-G04	8	G1/2	10	23.5	13.5	17	4
PC8-G01		G1/8	5.5	26	20.5	14	5
PC8-G02		G1/4	6.5	23	16.5	14	6
PC8-G03		G3/8	7.5	24	16.5	16	6
PC8-G04		G1/2	10	25	15	19	6
PC10-G01	10	G1/8	5.5	28.5	23	17	5
PC10-G02		G1/4	6.5	29.5	23	17	6
PC10-G03		G3/8	7.5	26	18.5	17	8
PC10-G04		G1/2	10	26	16	19	8
PC12-G02	12	G1/4	6.5	31.5	25	20	6
PC12-G03		G3/8	7.5	32.5	25.5	20	8
PC12-G04		G1/2	10	30.5	20.5	20	10
PC14-G02	14	G1/4	6.5	32	25.5	22	6
PC14-G03		G3/8	7.5	33.5	26	22	10
PC14-G04		G1/2	10	31	21	24	10
PC16-G02	16	G1/4	6.5	33	26.5	24	6
PC16-G03		G3/8	7.5	34.5	27.5	24	10
PC16-G04		G1/2	10	37	27	24	12

POC-R Series



Model	ΦD	R	L1	L2	L3	ΦP	OI
POC4-M5	4	M5	3.5	20	16.5	10	2
POC4-M6		M6	4	20.5	16.5	10	2.5
POC4-01		R1/8	7.5	19.5	15.5	10	3
POC4-02		R1/4	10	19.5	13.5	14	3
POC6-M5	6	M5	3.5	21	17.5	12	2
POC6-M6		M6	4	21.5	17.5	12	2.5
POC6-01		R1/8	7.5	21	17	12	4
POC6-02		R1/4	10	23	17	14	4
POC6-03	8	R3/8	10.5	21	14.5	17	4
POC8-01		R1/8	7.5	26.5	22.5	14	5
POC8-02		R1/4	10	25	19	14	6
POC8-03		R3/8	10.5	21.5	15	17	6
POC8-04		R1/2	13.5	25.5	17.5	21	8
POC10-01	10	R1/8	7.5	29	25	17	5
POC10-02		R1/4	10	31	25	17	6
POC10-03		R3/8	10.5	27	20.5	17	8
POC10-04		R1/2	13.5	26	18	21	8
POC12-02	12	R1/4	10	34	28	21	6
POC12-03		R3/8	10.5	29.5	23	21	8
POC12-04		R1/2	13.5	32.5	24.5	21	10
POC16-03	16	R3/8	10.5	37	30.5	24	10
POC16-04		R1/2	13.5	37	28.5	24	12

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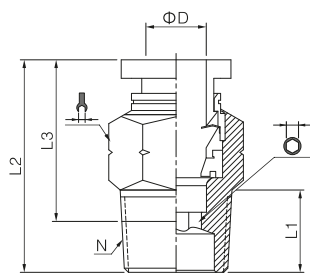
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Tracheal
Scissors

Silencers

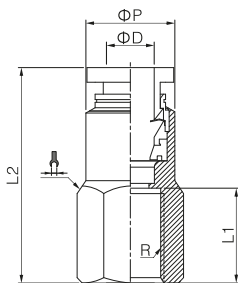
Fittings,
Air Hose

PC-NPT Series



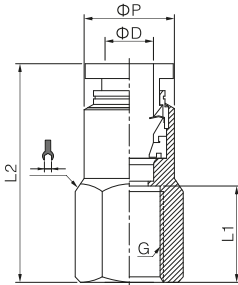
Model	ΦD	N	L1	L2	L3		
PC1/8-U10	1/8	10-32UNF	3.5	20	16.5	7/16	2
PC1/8-N01		NPT1/8	7.5	19.5	15.5	7/16	2.4
PC1/8-N02		NPT1/4	10	19.5	13.5	9/16	2.4
PC5/32-U10	5/32	10-32UNF	3.5	20	16.5	7/16	2
PC5/32-N01		NPT1/8	7.5	19.5	16.5	7/16	3.2
PC5/32-N02		NPT1/4	10	19.5	13.5	9/16	3.2
PC3/16-U10	3/16	10-32UNF	3.5	20	16.5	7/16	2
PC3/16-N01		NPT1/8	7.5	19.5	15.5	7/16	4
PC3/16-N02		NPT1/4	10	19.5	13.5	9/16	4
PC1/4-U10	1/4	10-32UNF	3.5	21	17.5	1/2	2
PC1/4-N01		NPT1/8	7.5	21	17	1/2	4
PC1/4-N02		NPT1/4	10	23	17	9/16	4
PC1/4-N03	5/16	NPT3/8	10.5	21	15	11/16	4
PC5/16-N01		NPT1/8	7.5	26.5	22.5	9/16	5.6
PC5/16-N02		NPT1/4	10	25	19.5	9/16	6.4
PC5/16-N03		NPT3/8	10.5	21.5	15.5	11/16	6.4
PC5/16-N04	3/8	NPT1/2	13.5	25.5	17.5	7/8	6.4
PC3/8-N01		NPT1/8	7.5	29	22.5	11/16	5.6
PC3/8-N02		NPT1/4	10	31	25	11/16	6.4
PC3/8-N03		NPT3/8	10.5	27	21	11/16	8
PC3/8-N04	1/2	NPT1/2	13.5	26	18	7/8	8
PC1/2-N02		NPT1/4	10	34	28	7/8	6.4
PC1/2-N03		NPT3/8	10.5	30.5	24	7/8	9.6
PC1/2-N04		NPT1/2	13.5	32.5	24.5	7/8	9.6

PCF-R Series



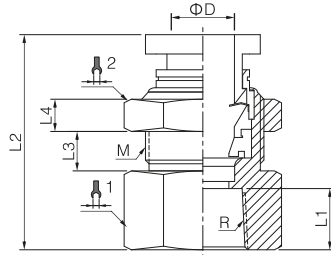
Model	ΦD	R	L1	L2	ΦP	
PCF4-M5	4	M5	5	21.5	10	10
PCF4-M6		M6	5	21.5	10	10
PCF4-01		R1/8	8.5	24.5	10	14
PCF4-02		R1/4	11	27	10	17
PCF6-M5	6	M5	5	22	12	12
PCF6-M6		M6	5	22	12	12
PCF6-01		R1/8	8.5	25.5	12	14
PCF6-02		R1/4	11	28	12	17
PCF6-03	8	R3/8	11.5	28.5	12	20
PCF8-01		R1/8	8.5	27.5	14	14
PCF8-02		R1/4	11	30	14	17
PCF8-03		R3/8	11.5	30.5	14	20
PCF8-04	10	R1/2	14	33	14	24
PCF10-01		R1/8	8.5	30	17	17
PCF10-02		R1/4	11	32.5	17	17
PCF10-03		R3/8	11.5	33	17	20
PCF10-04	12	R1/2	14	35.5	17	24
PCF12-02		R1/4	11	35	20	20
PCF12-03		R3/8	11.5	35.5	20	20
PCF12-04		R1/2	14	38	20	24
PCF14-03	14	R3/8	11.5	36	22	22
PCF14-04		R1/2	14	38.5	22	24
PCF16-03	16	R3/8	11.5	37	24	24
PCF16-04		R1/2	14	39.5	24	24

PCF-G Series



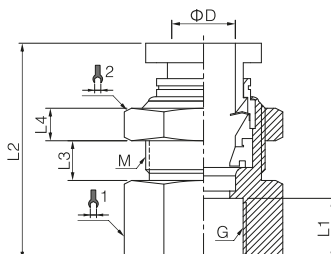
Model	ΦD	G	L1	L2	ΦP	
PCF4-G01	4	G1/8	8.5	24.5	10	14
PCF4-G02		G1/4	11	27	10	17
PCF6-G01	6	G1/8	8.5	25.5	12	14
PCF6-G02		G1/4	11	28	12	17
PCF6-G03		G3/8	11.5	28.5	12	20
PCF8-G01	8	G1/8	8.5	27.5	14	14
PCF8-G02		G1/4	11	30	14	17
PCF8-G03		G3/8	11.5	30.5	14	20
PCF8-G04		G1/2	14	33	14	24
PCF10-G01	10	G1/8	8.5	30	17	17
PCF10-G02		G1/4	11	32.5	17	17
PCF10-G03		G3/8	11.5	33	17	20
PCF10-G04		G1/2	14	35.5	17	24
PCF12-G02	12	G1/4	11	35	20	20
PCF12-G03		G3/8	11.5	35.5	20	20
PCF12-G04		G1/2	14	38	20	24
PCF14-G03	14	G3/8	11.5	36	22	22
PCF14-G04		G1/2	14	38.5	22	24
PCF16-G03	16	G3/8	11.5	37	24	24
PCF16-G04		G1/2	14	39.5	24	24

PMF-R Series



Model	ΦD	R	L1	L2	L3	L4	M		
PMF4-01	4	R1/8	8.5	24.5	5	3.5	M12×1.0	14	14
PMF4-02		R1/4	11	27	8	3.5	M12×1.0	17	14
PMF6-01	6	R1/8	8.5	25.5	5.5	4	M14×1.0	17	17
PMF6-02		R1/4	11	28.5	5.5	4	M14×1.0	17	17
PMF6-03		R3/8	11.5	29	5.5	4	M14×1.0	20	17
PMF8-01	8	R1/8	8.5	27.5	5.5	4.5	M16×1.0	19	19
PMF8-02		R1/4	11	30	5.5	4.5	M16×1.0	19	19
PMF8-03		R3/8	11.5	30.5	5.5	4.5	M16×1.0	20	19
PMF8-04		R1/2	14	33	5.5	4.5	M16×1.0	24	19
PMF10-02	10	R1/4	11	32.5	7	5	M18×1.0	21	21
PMF10-03		R3/8	11.5	33	7	5	M18×1.0	21	21
PMF10-04		R1/2	14	35.5	7	5	M18×1.0	24	21
PMF12-02	12	R1/4	11	35	9	5	M22×1.0	27	27
PMF12-03		R3/8	11.5	35.5	9	5	M22×1.0	27	27
PMF12-04		R1/2	14	38	9	5	M22×1.0	27	27

PMF-G Series



Model	ΦD	G	L1	L2	L3	L4	M		
PMF4-G01	4	G1/8	8.5	24.5	5	3.5	M12×1.0	14	14
PMF4-G02		G1/4	11	27	5	3.5	M12×1.0	17	14
PMF6-G01	6	G1/8	8.5	25.5	5.5	4	M14×1.0	17	17
PMF6-G02		G1/4	11	28.5	5.5	4	M14×1.0	17	17
PMF6-G03		G3/8	11.5	29	5.5	4	M14×1.0	20	17
PMF8-G01	8	G1/8	8.5	27.5	5.5	4.5	M16×1.0	19	19
PMF8-G02		G1/4	11	30	5.5	4.5	M16×1.0	19	19
PMF8-G03		G3/8	11.5	30.5	5.5	4.5	M16×1.0	20	19
PMF8-G04		G1/2	14	33	5.5	4.5	M16×1.0	24	19
PMF10-G02	10	G1/4	11	32.5	7	5	M18×1.0	21	21
PMF10-G03		G3/8	11.5	33	7	5	M18×1.0	21	21
PMF10-G04		G1/2	14	35.5	7	5	M18×1.0	24	21
PMF12-G02	12	G1/4	11	35	9	5	M22×1.0	27	27
PMF12-G03		G3/8	11.5	35.5	9	5	M22×1.0	27	27
PMF12-G04		G1/2	14	38	9	5	M22×1.0	27	27

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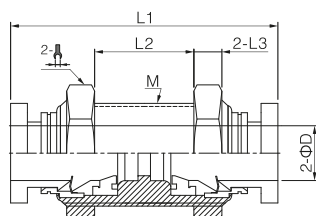
UN54D

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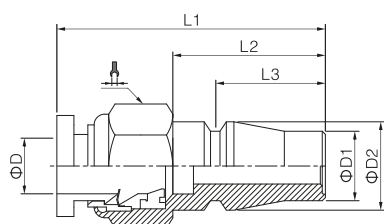
Silencers

PM Series



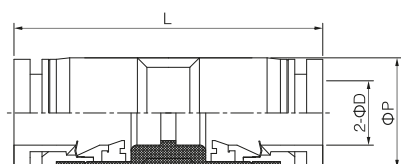
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PM4	4	M12×1.0	31	13	3.5	14
PM6	6	M14×1.0	32.5	13	4	17
PM8	8	M16×1.0	37	15	4.5	19
PM10	10	M18×1.0	42	18.5	5	21
PM12	12	M22×1.0	46	20	5	27
PM14	14	M24×1.0	47	20	5.5	30
PM16	16	M26×1.0	49	22	6	32
PM5/32	5/32	M12×1.0	31	13	3.5	14
PM3/16	3/16	M12×1.0	31	13	3.5	14
PM1/4	1/4	M14×1.0	32.5	13	4	17
PM5/16	5/16	M16×1.0	37	15	4.5	18
PM3/8	3/8	M18×1.0	42	18.5	5	21
PM1/2	1/2	M22×1.0	46	20	5	27

PC-P Series



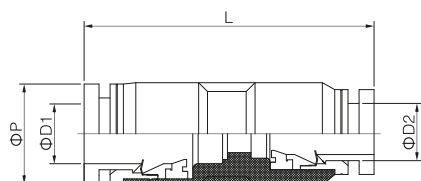
Model	ΦD	ΦD1	ΦD2	L1	L2	L3	
PC4-P	4	11	13	33.5	20	14	14
PC6-P	6	11	13	34.5	20	14	14
PC8-P	8	11	13	35.5	20	14	14
PC10-P	10	11	13	37.5	20	14	17
PC12-P	12	11	13	44	20	14	21
PC14-P	14	11	13	44	20	14	22
PC16-P	16	11	13	46	20	14	24

PU Series



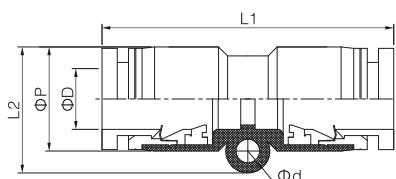
Model	ΦD	L	ΦP
PU4	4	33.5	11
PU6	6	34.5	13
PU8	8	40	14.5
PU10	10	44	18.5
PU12	12	48	21
PU14	14	51.5	23
PU16	16	63.5	26
PU5/32	5/32	33.5	11
PU3/16	3/16	33.5	11
PU1/4	1/4	34.5	13
PU5/16	5/16	40	14.5
PU3/8	3/8	44	18.5
PU1/2	1/2	48	21

PUG Series



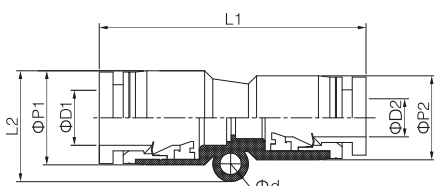
Model	ΦD1	ΦD2	L	ΦP
PUG6-4	6	4	34.5	13
PUG8-4	8	4	39	14.5
PUG8-6	8	6	39	14.5
PUG10-6	10	6	42.5	18.5
PUG10-8	10	8	43	18.5
PUG12-6	12	6	47.5	21
PUG12-8	12	8	48	21
PUG12-10	12	10	48.5	21
PUG14-12	14	12	51	23
PUG16-12	16	12	64	26
PUG16-14	16	14	65	26
PUG1/4-5/32	1/4	5/32	34.5	13
PUG5/16-5/32	5/16	5/32	39	14.5
PUG5/16-1/4	5/16	1/4	39	14.5
PUG3/8-1/4	3/8	1/4	42.5	18.5
PUG3/8-5/16	3/8	5/16	43	18.5
PUG1/2-1/4	1/2	1/4	47.5	21
PUG1/2-5/16	1/2	5/16	48	21
PUG1/2-3/8	1/2	3/8	48.5	21

PUC Series



Model	ΦD	L1	L2	ΦP	Φd
PUC4	4	33	13.5	11	3.2
PUC6	6	35	16	13	3.2
PUC8	8	38	17	14.5	3.2
PUC10	10	48	21.5	18.5	4.2
PUC12	12	49	24	21	4.2
PUC14	14	51.5	25.5	23	4.2
PUC16	16	64	28	26	5.2
PUC5/32	5/32	33	13.5	11	3.2
PUC3/16	3/16	33	13.5	11	3.2
PUC1/4	1/4	35	16	13	3.2
PUC5/16	5/16	38	17	14.5	3.2
PUC3/8	3/8	48	21.5	18.5	4.2
PUC1/2	1/2	49	24	21	4.2

PG Series



Model	ΦD1	ΦD2	L1	L2	ΦP1	ΦP2	Φd
PG6-4	6	4	34	15	13	11	3.2
PG8-4	8	4	36	16.5	14.5	13	3.2
PG8-6	8	6	36.5	16.5	14.5	13	3.2
PG10-6	10	6	43	19.5	18.5	14.5	3.2
PG10-8	10	8	43	19.5	18.5	14.5	3.2
PG12-6	12	6	47	23.5	21	18.5	4.2
PG12-8	12	8	47	23.5	21	18.5	4.2
PG12-10	12	10	48	23.5	21	18.5	4.2
PG14-12	14	12	51	25	23	23	4.2
PG16-12	16	12	64	28	26	26	5.2
PG16-14	16	14	64.5	28	26	26	5.2
PG1/4-5/32	1/4	5/32	34	15	13	11	3.2
PG5/16-5/32	5/16	5/32	36	16.5	14.5	13	3.2
PG5/16-1/4	5/16	1/4	36.5	16.5	14.5	13	3.2
PG3/8-1/4	3/8	1/4	46.5	19.5	18.5	14.5	3.2
PG3/8-5/16	3/8	5/16	47	19.5	18.5	14.5	3.2
PG1/2-1/4	1/2	1/4	47	23.5	21	18.5	4.2
PG1/2-5/16	1/2	5/16	47	23.5	21	18.5	4.2
PG1/2-3/8	1/2	3/8	48	23.5	21	18.5	4.2

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
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Push-IN
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KIS-A
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310
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19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

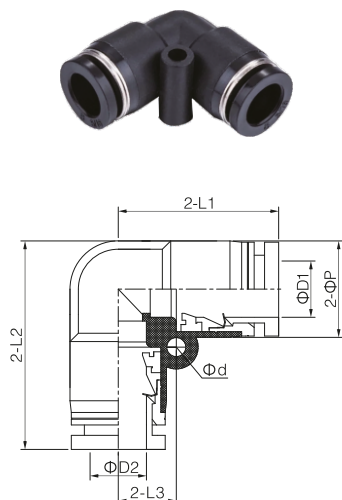
UN54D

Air Gun

Tracheal
Scissors

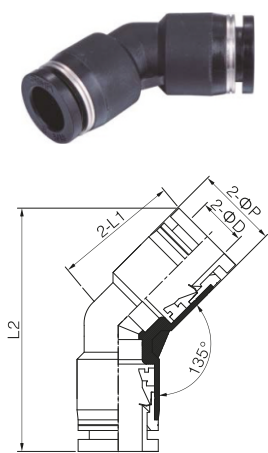
Silencers

PUL Series



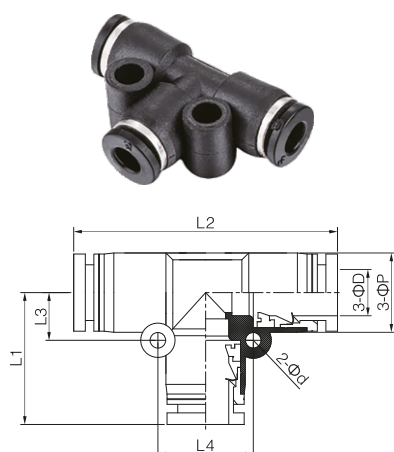
Model	ΦD1	ΦD2	L1	L2	L3	ΦP	Φd
PUL4	4		18.5	24	7	11	3.2
PUL6	6		19	25.5	8	13	3.2
PUL8	8		23	30.5	9	14.5	3.2
PUL10	10		27.5	37	11.5	18.5	4.2
PUL12	12		29	39.5	13	21	4.2
PUL14	14		30	41.5	13.5	23	4.2
PUL16	16		32.5	45.5	14	26	5.2
PUL6-4	6	4	19	25.5	8	13	3.2
PUL8-6	8	6	23	30.5	9	14.5	3.2
PUL10-8	10	8	27.5	37	11.5	18.5	4.2
PUL12-10	12	10	29	39.5	13	21	4.2
PUL14-12	14	12	30	41.5	13.5	23	4.2
PUL16-14	16	14	32.5	45.5	14	26	5.2
PUL5/32	5/32		18.5	24	7	11	3.2
PUL3/16	3/16		18.5	24	7	11	3.2
PUL1/4	1/4		19	25.5	8	13	3.2
PUL5/16	5/16		23	30.5	9	14.5	3.2
PUL3/8	3/8		27.5	37	11.5	18.5	4.2
PUL1/2	1/2		29	39.5	13	21	4.2

PUL135° Series



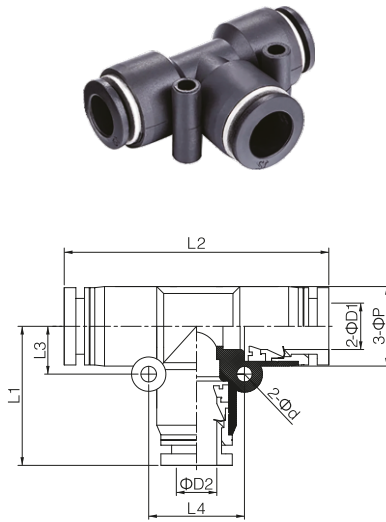
Model	ΦD	ΦP	L1	L2
PUL135°4	4	11	16.5	31.5
PUL135°6	6	13	17.5	34
PUL135°8	8	14.5	20.5	40.5
PUL135°10	10	18.5	24	46.5
PUL135°12	12	21	26	51.5
PUL135°5/32	5/32	11	16.5	31.5
PUL135°3/16	3/16	11	16.5	31.5
PUL135°1/4	1/4	13	17.5	34
PUL135°5/16	5/16	14.5	20.5	40.5
PUL135°3/8	3/8	18.5	24	46.5
PUL135°1/2	1/2	21	26	51.5

PUT Series



Model	ΦD	ΦP	L1	L2	L3	L4	Φd
PUT4	4	11	18.5	37	7	14	3.2
PUT6	6	13	19	38	8	16	3.2
PUT8	8	14.5	23	46	9	18	3.2
PUT10	10	18.5	27.5	55	11.5	23	4.2
PUT12	12	21	29	58	13	26	4.2
PUT14	14	23	30	60	13.5	27	4.2
PUT16	16	26	32.5	65	14	28	5.2
PUT5/32	5/32	11	18.5	37	7	14	3.2
PUT3/16	3/16	11	18.5	37	7	14	3.2
PUT1/4	1/4	13	19	38	8	16	3.2
PUT5/16	5/16	14.5	23	46	9	18	3.2
PUT3/8	3/8	18.5	27.5	55	11.5	23	4.2
PUT1/2	1/2	21	29	58	13	26	4.2

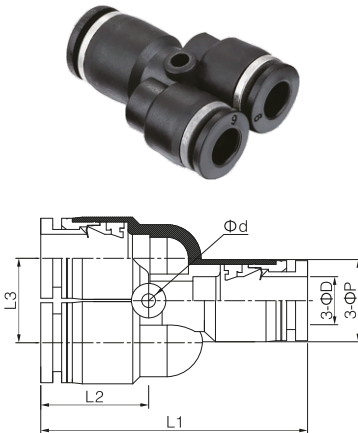
PGT Series



Model	ΦD1	ΦD2	ΦP	L1	L2	L3	L4	Φd
PGT6-4	6	4	13	19	38	8	16	3.2
PGT4-6	4	6	13	19	38	8	16	3.2
PGT8-6	8	6	14.5	22	46	9	18	3.2
PGT6-8	6	8	14.5	23	44	9	18	3.2
PGT10-8	10	8	18.5	27	55	11.5	23	4.2
PGT8-10	8	10	18.5	27.5	54	11.5	23	4.2
PGT12-10	12	10	21	29.5	59	13	26	4.2
PGT10-12	10	12	21	29	58	13	26	4.2
PGT14-12	14	12	23	29	60	13.5	27	4.2
PGT16-12	16	12	26	32	65	14	28	5.2
PGT16-14	16	14	26	32.5	65	14	28	5.2
PGT1/4-5/32	1/4	5/32	13	19	38	8	16	3.2
PGT5/32-1/4	5/32	1/4	13	19	38	8	16	3.2
PGT5/16-1/4	5/16	1/4	14.5	22	46	9	18	3.2
PGT1/4-5/16	1/4	5/16	14.5	22	44	9	18	3.2
PGT3/8-5/16	3/8	5/16	18.5	27	55	11.5	23	4.2
PGT5/16-3/8	5/16	3/8	18.5	27	54	11.5	23	4.2
PGT1/2-3/8	1/2	3/8	21	29.5	59	13	26	4.2
PGT3/8-1/2	3/8	1/2	21	29	58	13	26	4.2

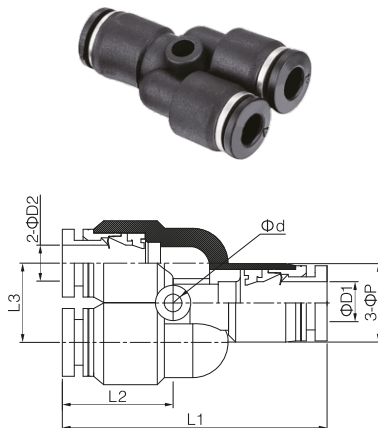
Note: Dg-Pnetic plastic body is used for diameter change of more than two gears.

PY Series



Model	ΦD	L1	L2	L3	ΦP	Φd
PY4	4	35.5	14	11	11	3.2
PY6	6	38	15	13	13	3.2
PY8	8	44.5	18.5	14.5	14.5	3.2
PY10	10	50	21	18	18.8	4.2
PY12	12	55	22	21	21	4.2
PY14	14	55.5	22	26	26	4.2
PY16	16	55.5	22	26	26	4.2
PY5/32	5/32	35.5	14	11	11	3.2
PY3/16	3/16	35.5	14	11	11	3.2
PY1/4	1/4	38	15	13	13	3.2
PY5/16	5/16	44.5	18.5	14.5	14.5	3.2
PY3/8	3/8	50	21	18	18.5	4.2
PY1/2	1/2	55	22	21	21	4.2

PW Series



Model	ΦD1	ΦD2	L1	L2	L3	ΦP	Φd
PW6-4	6	4	37	14.5	13	13	3.2
PW8-6	8	6	43.5	17.5	14.5	14.5	3.2
PW10-8	10	8	49.5	20.5	18	18.5	4.2
PW12-10	12	10	54.5	21.5	21	21	4.2
PW14-12	14	12	55	21.5	26	26	4.2
PW16-12	16	12	55	21.5	26	26	4.2
PW16-14	16	14	55.5	22	26	26	4.2
PW1/4-5/32	1/4	5/32	37	14.5	13	13	3.2
PW5/16-1/4	5/16	1/4	43.5	17.5	14.5	14.5	3.2
PW3/8-5/16	3/8	5/16	49.5	20.5	18	18.5	4.2
PW1/2-3/8	1/2	3/8	54.5	21.5	21	21	4.2

Note: Dg-Pnetic plastic body is used for diameter change of more than two gears.

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

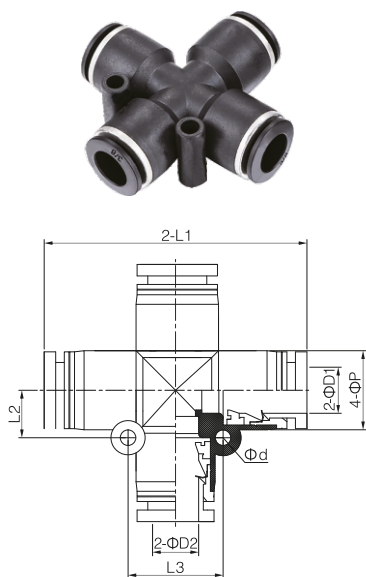
UN54D

Air Gun

Tracheal
Scissors

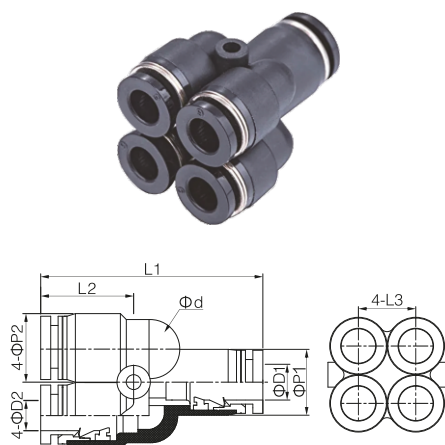
Silencers

PZA Series

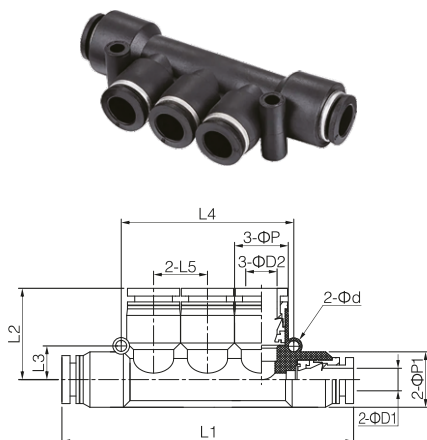


Model	ΦD1	ΦD2	ΦP	L1	L2	L3	Φd
PZA4	4	4	11	37	7.5	15	3.2
PZA6	6	6	13	38	8	16	3.2
PZA8	8	8	14.5	45	9	18	3.2
PZA10	10	10	18.5	56	11.5	23	4.2
PZA12	12	12	21	58	13	26	4.2
PZA6-4	6	6	13	38	8	16	3.2
PZA8-6	8	8	14.5	45	9	18	3.2
PZA10-8	10	10	18.5	56	11.5	23	4.2
PZA12-10	12	12	21	58	13	26	4.2
PZA5/32	5/32	5/32	11	37	7.5	15	3.2
PZA3/16	3/16	3/16	11	37	7.5	15	3.2
PZA1/4	1/4	1/4	13	38	8	16	3.2
PZA5/16	5/16	5/16	14.5	45	9	18	3.2
PZA3/8	3/8	3/8	18.5	56	11.5	23	4.2
PZA1/2	1/2	1/2	21	58	13	26	4.2

PRG Series

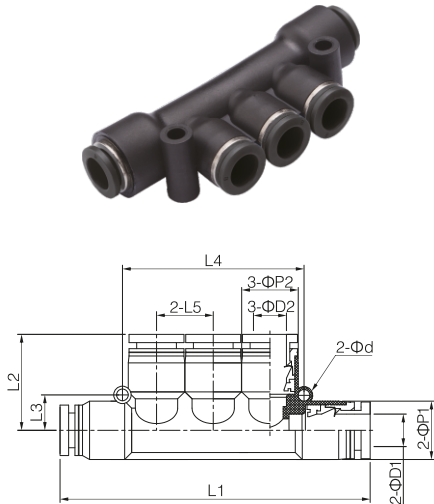
[illegible]

PK Series



Model	ΦD1	ΦD2	L1	L2	L3	L4	L5	ΦP1	ΦP2	Φd
PK4	4	4	59	19	8	37.5	11	13	11	3.2
PK6	6	6	69	23	8.5	42	13	14.5	13	3.2
PK8	8	8	78.5	25	11	47.5	14.5	18.5	14.5	4.2
PK10	10	10	92.5	29.5	12.5	60	18.5	21	18.5	4.2
PK12	12	12	100	29.5	13	68.5	21	21	21	4.2
PK5/32	5/32	5/32	59	19	8	37.5	11	13	11	3.2
PK3/16	3/16	3/16	59	19	8	37.5	11	13	11	3.2
PK1/4	1/4	1/4	69	23	8.5	42	13	14.5	13	3.2
PK5/16	5/16	5/16	78.5	25	11	47.5	14.5	18.5	14.5	4.2
PK3/8	3/8	3/8	92.5	29.5	12.5	60	18.5	21	18.5	4.2
PK1/2	1/2	1/2	100	29.5	13	68.5	21	21	21	4.2

PKG Series



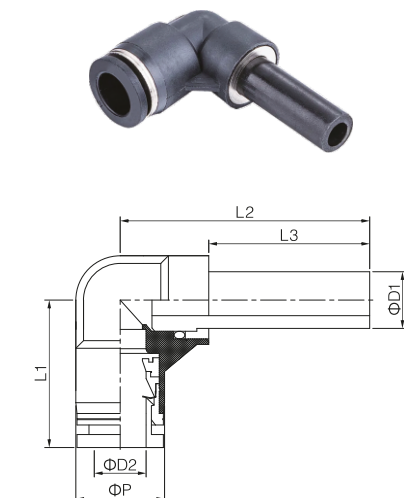
Model	ΦD1	ΦD2	L1	L2	L3	L4	L5	ΦP1	ΦP2	Φd
PK6-4	6	4	60	19	8	37.5	11	13	11	3.2
PK8-4	8	4	71	22	8.5	42	13	14.5	13	3.2
PK8-6	8	6	71	23	8.5	42	13	14.5	13	3.2
PK10-6	10	6	80.5	24	11	47.5	14.5	18.5	14.5	4.2
PK10-8	10	8	80.5	25	11	47.5	14.5	18.5	14.5	4.2
PK12-6	12	6	93.5	28	12.5	60	18.5	21	18.5	4.2
PK12-8	12	8	93.5	29	12.5	60	18.5	21	18.5	4.2
PK12-10	12	10	93.5	29.5	12.5	60	18.5	21	18.5	4.2
PK1/4-5/32	1/4	5/32	60	19	8	37.5	11	13	11	3.2
PK1/4-3/16	1/4	3/16	60	19	8	37.5	11	13	11	3.2
PK5/16-5/32	5/16	5/32	71	22	8.5	42	13	14.5	13	3.2
PK5/16-3/16	5/16	3/16	71	22	8.5	42	13	14.5	13	3.2
PK5/16-1/4	5/16	1/4	71	23	8.5	42	13	14.5	13	3.2
PK3/8-1/4	3/8	1/4	80.5	24	11	47.5	14.5	18.5	14.5	4.2
PK3/8-5/16	3/8	5/16	80.5	25	11	47.5	14.5	18.5	14.5	4.2
PK1/2-1/4	1/2	1/4	93.5	28	12.5	60	18.5	21	18.5	4.2
PK1/2-5/16	1/2	5/16	93.5	29	12.5	60	18.5	21	18.5	4.2
PK1/2-3/8	1/2	3/8	93.5	29.5	12.5	60	18.5	21	18.5	4.2

PGJ Series



Model	ΦD1	ΦD2	L1	L2	ΦP
PGJ6-4	6	4	38.5	22	11
PGJ8-4	8	4	40	25	11
PGJ8-6	8	6	41	25	13
PGJ10-6	10	6	41	26.5	13
PGJ10-8	10	8	45.5	26.5	14.5
PGJ12-6	12	6	40	26.5	13
PGJ12-8	12	8	43	26.5	14.5
PGJ12-10	12	10	51	26.5	18.5
PGJ1/4-5/32	1/4	5/32	38.5	22	11
PGJ5/16-5/32	5/16	5/32	40	25	11
PGJ5/16-1/4	5/16	1/4	41	25	13
PGJ3/8-1/4	3/8	1/4	41	26.5	13
PGJ3/8-5/16	3/8	5/16	45.5	26.5	14.5
PGJ1/2-1/4	1/2	1/4	40	26.5	13
PGJ1/2-5/16	1/2	5/16	43	26.5	14.5
PGJ1/2-3/8	1/2	3/8	51	26.5	18.5

PLJ Series



Model	ΦD1	ΦD2	L1	L2	L3	ΦP
PLJ4	4	4	18.5	28.5	18.5	11
PLJ6-4	6	4	18.5	29	19	11
PLJ6	6	6	19.5	30	19	13
PLJ8-6	8	6	22.5	35.5	22	14.5
PLJ8	8	8	23	35.5	22	14.5
PLJ10-8	10	8	26.5	39	23.5	18.5
PLJ10	10	10	27	39	23.5	18.5
PLJ12-10	12	10	27	42	26.5	18.5
PLJ12	12	12	29.5	42.5	26.5	21
PLJ5/32	5/32	5/32	18.5	28.5	18.5	11
PLJ1/4-5/32	1/4	5/32	18.5	29	19	11
PLJ1/4	1/4	1/4	19.5	30	19	13
PLJ5/16-1/4	5/16	1/4	22.5	35.5	22	14.5
PLJ5/16	5/16	5/16	23	35.5	22	14.5
PLJ3/8-5/16	3/8	5/16	26.5	39	23.5	18.5
PLJ3/8	3/8	3/8	27	39	23.5	18.5
PLJ1/2-3/8	1/2	3/8	27	42	26.5	18.5
PLJ1/2	1/2	1/2	29.5	42.5	26.5	21

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
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20 (Super
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(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

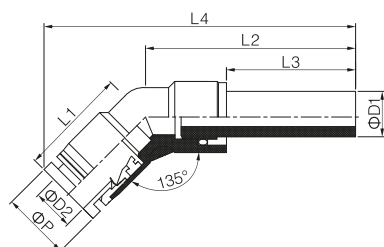
Air Gun

Tracheal
Scissors

Silencers

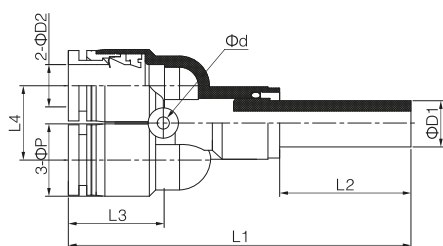
Fittings,
Air Hose

PLJ135° Series



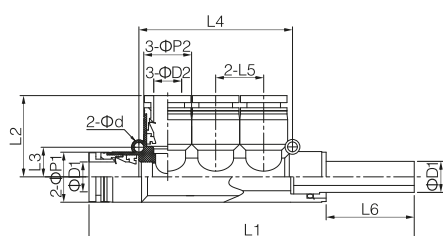
Model	ΦD1	ΦD2	ΦP	L1	L2	L3	L4
PLJ135°4	4	4	11	16.5	29	18.5	44
PLJ135°6-4	6	4	11	16.5	29.5	19	44.5
PLJ135°6	6	6	13	17.5	32	19	48.5
PLJ135°8-6	8	6	14.5	20	38	22	56
PLJ135°8	8	8	14.5	21	38	22	57.5
PLJ135°10-8	10	8	18.5	23	42	23.5	63
PLJ135°10	10	10	18.5	24	42	23.5	64.5
PLJ135°12-10	12	10	18.5	24	45	26.5	67.5
PLJ135°12	12	12	21	26	47	26.5	72
PLJ135°5/32	5/32	5/32	11	16.5	29	18.5	44
PLJ135°1/4-5/32	1/4	5/32	11	16.5	29.5	19	44.5
PLJ135°1/4	1/4	1/4	13	17.5	32	19	48.5
PLJ135°5/16-1/4	5/16	1/4	14.5	20	38	22	56
PLJ135°5/16	5/16	5/16	14.5	21	38	22	57.5
PLJ135°3/8-5/16	3/8	5/16	18.5	23	42	23.5	63
PLJ135°3/8	3/8	3/8	18.5	24	42	23.5	64.5
PLJ135°1/2-3/8	1/2	3/8	18.5	24	45	26.5	57.5
PLJ135°1/2	1/2	1/2	21	26	47	26.5	72

PYJ Series



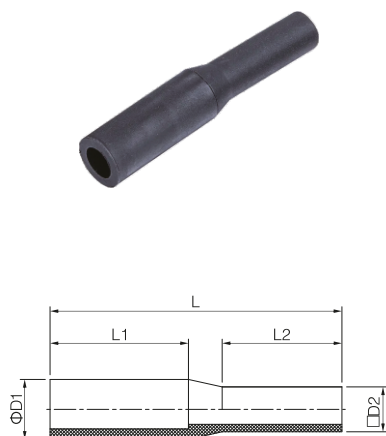
Model	ΦD1	ΦD2	L1	L2	L3	L4	ΦP	Φd
PYJ4	4	4	48.5	18.5	14	11	11	3.2
PYJ6-4	6	4	49.5	19	14	11	11	3.2
PYJ6	6	6	52.5	19	15	13	13	3.2
PYJ8-6	8	6	61	22	18	14.5	14.5	4.2
PYJ8	8	8	61.5	22	18.5	14.5	14.5	4.2
PYJ10-8	10	8	67.5	23.5	20.5	18	18.5	4.2
PYJ10	10	10	68	23.5	21	18	18.5	4.2
PYJ12-10	12	10	71	26.5	21	18	18.5	4.2
PYJ12	12	12	76	26.5	22	21	21	4.2
PYJ5-32	5/32	5/32	48.5	28.5	14	11	11	3.2
PYJ1/4-5/32	1/4	5/32	49.5	19	14	11	11	3.2
PYJ1/4	1/4	1/4	52.5	19	15	13	13	4.2
PYJ5/16-1/4	5/16	1/4	61	22	18	14.5	14.5	3.2
PYJ5/16	5/16	5/16	61.5	22	18.5	14.5	14.5	4.2
PYJ3/8-5/16	3/8	5/16	67.5	23.5	20.5	18	18.5	4.2
PYJ3/8	3/8	3/8	68	23.5	21	18	18.5	4.2
PYJ1/2-3/8	1/2	3/8	71	26.5	21	18	18.5	4.2
PYJ1/2	1/2	1/2	76	26.5	22	21	21	4.2

PKJ Series



Model	ΦD1	ΦD2	ΦP1	ΦP2	L1	L2	L3	L4	L5	L6	Φd
PKJ4	4	4	13	11	72.5	19	8	37.5	11	18.5	3.2
PKJ6-4	6	4	13	11	74.5	19	8	37.5	11	19	3.2
PKJ6	6	6	14.5	13	83.5	23	8.5	42	13	19	3.2
PKJ8-4	8	4	14.5	13	87.5	22	8.5	42	13	22	3.2
PKJ8-6	8	6	14.5	13	87.5	23	8.5	42	13	22	3.2
PKJ8	8	8	18.5	14.5	95.5	25	11	47.5	14.5	22	4.2
PKJ10-6	10	6	18.5	14.5	97.5	24	11	47.5	14.5	23.5	4.2
PKJ10-8	10	8	18.5	14.5	97.5	25	11	47.5	14.5	23.5	4.2
PKJ10	10	10	21	18.5	110	29.5	12.5	60	18.5	23.5	4.2
PKJ12-6	12	6	21	18.5	115	28	12.5	60	18.5	26.5	4.2
PKJ12-8	12	8	21	18.5	115	29	12.5	60	18.5	26.5	4.2
PKJ12-10	12	10	21	18.5	115	29.5	12.5	60	18.5	26.5	4.2
PKJ12	12	12	21	21	121	29.5	13	68.5	21	26.5	4.2

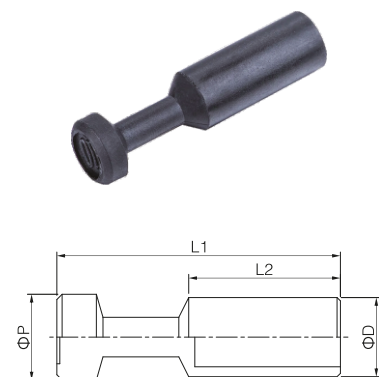
PIJ/PIG Series



Model	ΦD1	ΦD2	L	L1	L2
PIJ4*	4	4	35	15	15
PIJ6*	6	6	37	16	16
PIJ8*	8	8	42	18.5	18.5
PIJ10*	10	10	45	20	20
PIJ12*	12	12	51	23	23
PIJ14*	14	14	52	23	23
PIJ16*	16	16	55	24	24
PIG6-4	6	4	36	16	15
PIG8-4	8	4	37.5	18.5	15
PIG8-6	8	6	39	18.5	16
PIG10-6	10	6	41.5	20	16
PIG10-8	10	8	43	20	18.5
PIG12-8	12	8	44.5	23	18.5
PIG12-10	12	10	48	23	20
PIG14-10*	14	10	48	23	20
PIG14-12*	14	12	51	23	23
PIG16-12	16	12	54	24	23
PIG16-14*	16	14	54	24	23

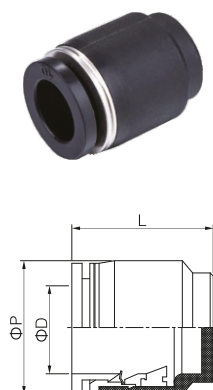
Note: The ones with * have no mould and are made by PBT plastic bar.

PP Series



Model	ΦD	ΦP	L1	L2
PP4	4	5	28	15
PP6	6	7	33	16
PP8	8	9	36	18.5
PP10	10	11	42.5	20
PP12	12	13	43	23
PP14	14	15	45.5	23
PP16	16	17	49	24
PP5/32	5/32	5	28	15
PP3/16	3/16	5	28	15
PP1/4	1/4	7	33	16
PP5/16	5/16	9	36	18.5
PP3/8	3/8	11	42.5	20
PP1/2	1/2	13	43	23

PPF Series



Model	ΦD	ΦP	L
PPF4	4	11	18
PPF6	6	13	19
PPF8	8	14.5	21
PPF10	10	18.5	23
PPF12	12	21	25
PPF14	14	23.2	27
PPF16	16	26	27.5
PPF5/32	5/32	11	18
PPF3/16	3/16	11	18
PPF1/4	1/4	13	19
PPF5/16	5/16	14.5	21
PPF3/8	3/8	18.5	23
PPF1/2	1/2	21	25

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Controllers

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Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

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(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

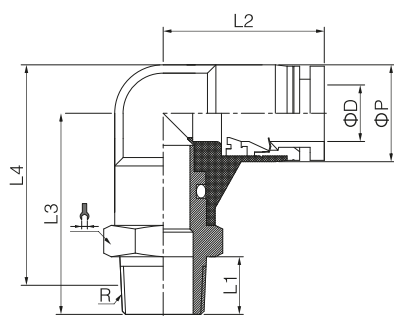
Air Gun

Tracheal
Scissors

Silencers

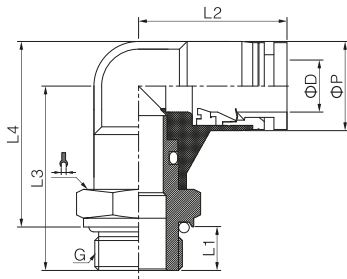
Fittings,
Air Hose

PL-R Series



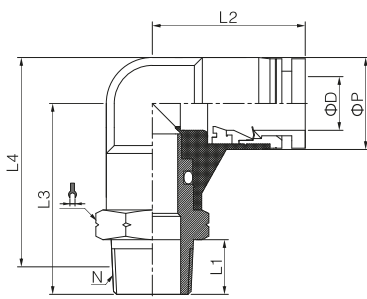
Model	ΦD	R	L1	L2	L3	L4	ΦP	Pin
PL4-M5	4	M5	3.5	18.5	18.5	20.5	11	12
PL4-M6		M6	4	18.5	19	20.5	11	12
PL4-01		R1/8	7.5	18.5	21	22.5	11	12
PL4-02		R1/4	10	18.5	24	23.5	11	14
PL4-03		R3/8	10.5	18.5	25	24	11	17
PL4-M5-II	4	M5	3.5	18.5	18.5	20.5	11	10
PL4-M6-II		M6	4	18.5	19	20.5	11	10
PL4-01-II		R1/8	7.5	18.5	21	22.5	11	10
PL4-M3-III	4	M3	3	17	16.5	19	11	8
PL4-M5-III		M5	3.5	17	17	19	11	8
PL4-M6-III		M6	4	17	17.5	19	11	8
PL6-M5	6	M5	3.5	19.5	19.5	22.5	13	12
PL6-M6		M6	4	19.5	20	22.5	13	12
PL6-01		R1/8	7.5	19.5	22	24.5	13	12
PL6-02		R1/4	10	19.5	25	25.5	13	14
PL6-03		R3/8	10.5	19.5	26	26	13	17
PL6-04	6	R1/2	13.5	19.5	29.5	27.5	13	21
PL6-M3-III		M3	3	17.5	17.5	21	13	8
PL6-M5-III		M5	3.5	17.5	18	21	13	8
PL6-M6-III	8	M6	4	17.5	18.5	21	13	8
PL8-01		R1/8	7.5	23	25	28.5	14.5	14
PL8-02		R1/4	10	23	27.5	29	14.5	14
PL8-03		R3/8	10.5	23	28.5	29	14.5	17
PL8-04	10	R1/2	13.5	23	32	31	14.5	21
PL10-01		R1/8	7.5	27	27.5	32.5	18.5	17
PL10-02		R1/4	10	27	30	33	18.5	17
PL10-03		R3/8	10.5	27	30.5	33	18.5	17
PL10-04		R1/2	13.5	27	34	35	18.5	21
PL10-06	12	R3/4	15	27	36.5	36	18.5	27
PL12-01		R1/8	7.5	29.5	28	34.5	21	17
PL12-02		R1/4	10	29.5	30.5	35	21	17
PL12-03		R3/8	10.5	29.5	31	35	21	17
PL12-04		R1/2	13.5	29.5	34.5	36.5	21	21
PL12-06	14	R3/4	15	29.5	37	38	21	27
PL14-02		R1/4	10	30	35.5	41	23	19
PL14-03		R3/8	11	30	37.5	43	23	19
PL14-04		R1/2	14	30	40	43	23	21
PL14-06	16	R3/4	15	30	42	44	23	27
PL16-02		R1/4	10	31.5	36.5	43.5	26	21
PL16-03		R3/8	11	31.5	39	45	26	21
PL16-04		R1/2	14	31.5	41.5	46	26	21
PL16-06	16	R3/4	15	31.5	43.5	47	26	27

PL-G Series



Model	ΦD	G	L1	L2	L3	L4	ΦP	
PL4-G01	4	G1/8	5.5	18.5	21	21	11	14
PL4-G02		G1/4	6.5	18.5	22	21	11	17
PL4-G03		G3/8	7.5	18.5	24	22	11	20
PL6-G01	6	G1/8	5.5	19.5	22	23	13	14
PL6-G02		G1/4	6.5	19.5	23	23	13	17
PL6-G03		G3/8	7.5	19.5	25	24	13	20
PL8-G01	8	G1/8	5.5	23	24.5	26	14.5	14
PL8-G02		G1/4	6.5	23	25.5	26	14.5	17
PL8-G03		G3/8	7.5	23	27.5	27	14.5	20
PL8-G04		G1/2	10	23	30	27	14.5	24
PL10-G01	10	G1/8	5.5	27	26.5	30	18.5	17
PL10-G02		G1/4	6.5	27	27.5	30	18.5	17
PL10-G03		G3/8	7.5	27	29.5	31	18.5	20
PL10-G04		G1/2	10	27	32	31	18.5	24
PL12-G01	12	G1/8	5.5	29.5	27	32	21	17
PL12-G02		G1/4	6.5	29.5	28	32	21	17
PL12-G03		G3/8	7.5	29.5	30	33	21	20
PL12-G04		G1/2	10	29.5	32.5	33	21	24
PL14-G02	14	G1/4	6.5	30	34	39	23	19
PL14-G03		G3/8	7.5	30	35	39	23	20
PL14-G04		G1/2	10	30	37.5	39	23	24
PL16-G02	16	G1/4	6.5	31.5	35.5	41.5	26	21
PL16-G03		G3/8	7.5	31.5	36.5	41.5	26	21
PL16-G04		G1/2	10	31.5	39	41.5	26	24

PL-N Series



Model	ΦD	N	L1	L2	L3	L4	ΦP	
PL5/32-U10	5/32	UNF10-32	3.5	18.5	18.5	20.5	11	7/16
PL5/32-N01		NPT1/8	7.5	18.5	21	22.5	11	7/16
PL5/32-N02		NPT1/4	10	18.5	24	23.5	11	9/16
PL3/16-U10	3/16	UNF10-32	3.5	18.5	18.5	20.5	11	7/16
PL3/16-N01		NPT1/8	7.5	18.5	21	22.5	11	7/16
PL3/16-N02		NPT1/4	10	18.5	24	23.5	11	9/16
PL1/4-U10	1/4	UNF10-32	3.5	19.5	19.5	22.5	13	7/16
PL1/4-N01		NPT1/8	7.5	19.5	22	24.5	13	7/16
PL1/4-N02		NPT1/4	10	19.5	25	25.5	13	9/16
PL1/4-N03		NPT3/8	10.5	19.5	26	26	13	11/16
PL5/16-N01	5/16	NPT1/8	7.5	23	25	28.5	14.5	9/16
PL5/16-N02		NPT1/4	10	23	27.5	29	14.5	9/16
PL5/16-N03		NPT3/8	10.5	23	28.5	29.5	14.5	11/16
PL5/16-N04		NPT1/2	13.5	23	32	31	14.5	7/8
PL3/8-N01	3/8	NPT1/8	7.5	27	27.5	32.5	18.5	11/16
PL3/8-N02		NPT1/4	10	27	30	33	18.5	11/16
PL3/8-N03		NPT3/8	10.5	27	30.5	33.5	18.5	11/16
PL3/8-N04		NPT1/2	13.5	27	34	35	18.5	7/8
PL1/2-N01	1/2	NPT1/8	7.5	29.5	28	34.5	21	11/16
PL1/2-N02		NPT1/4	10	29.5	30.5	35	21	11/16
PL1/2-N03		NPT3/8	10.5	29.5	31	35.5	21	11/16
PL1/2-N04		NPT1/2	13.5	29.5	34.5	36.5	21	7/8

Fittings,
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US98A,
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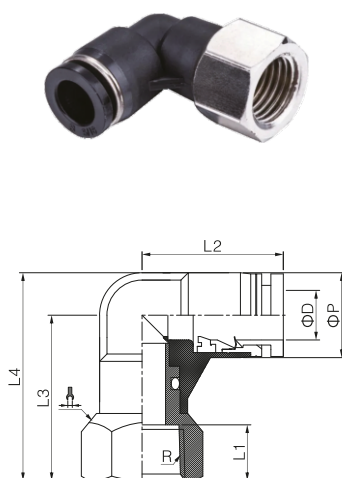
Air Gun

Tracheal
Scissors

Silencers

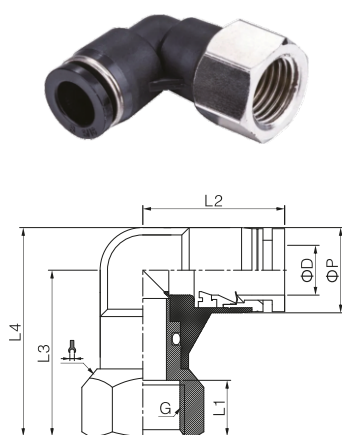
Fittings,
Air Hose

PLF-R Series



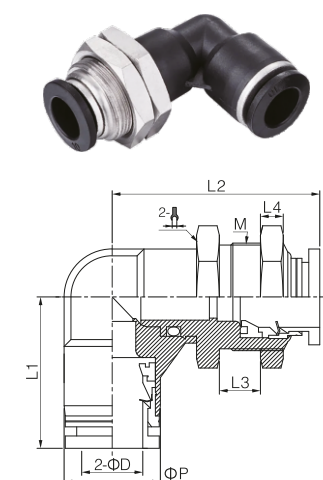
Model	ΦD	R	L1	L2	L3	L4	ΦP	
PLF4-M5	4	M5	5	18.5	17	22.5	11	12
PLF4-M6		M6	5	18.5	17	22.5	11	12
PLF4-01		R1/8	8.5	18.5	20	25.5	11	14
PLF4-02		R1/4	11	18.5	23	28.5	11	17
PLF6-M5	6	M5	5	19.5	18	24.5	13	12
PLF6-M6		M6	5	19.5	18	24.5	13	12
PLF6-01		R1/8	8.5	19.5	21	27.5	13	14
PLF6-02		R1/4	11	19.5	24	30.5	13	17
PLF6-03	8	R3/8	11.5	19.5	25.5	32	13	20
PLF8-01		R1/8	8.5	23	23.5	30.5	14.5	14
PLF8-02		R1/4	11	23	26.5	33.5	14.5	17
PLF8-03		R3/8	11.5	23	28	35	14.5	20
PLF8-04	10	R1/2	14	23	31.5	38.5	14.5	24
PLF10-01		R1/8	8.5	27	25.5	34.5	18.5	17
PLF10-02		R1/4	11	27	28.5	37.5	18.5	17
PLF10-03		R3/8	11.5	27	29	38	18.5	20
PLF10-04	12	R1/2	14	27	33.5	42.5	18.5	24
PLF12-01		R1/8	8.5	29.5	26	36.5	21	17
PLF12-02		R1/4	11	29.5	29	39.5	21	17
PLF12-03		R3/8	11.5	29.5	29.5	40	21	20
PLF12-04		R1/2	14	29.5	34	44.5	21	24

PLF-G Series



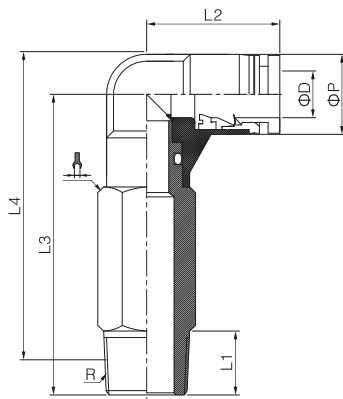
Model	ΦD	G	L1	L2	L3	L4	ΦP	
PLF4-G01	4	G1/8	8.5	18.5	20	25.5	11	14
PLF4-G02		G1/4	11	18.5	23	28.5	11	17
PLF6-G01	6	G1/8	8.5	19.5	21	27.5	13	14
PLF6-G02		G1/4	11	19.5	24	30.5	13	17
PLF6-G03	8	G3/8	11.5	19.5	25.5	32	13	20
PLF8-G01		G1/8	8.5	23	23.5	30.5	14.5	14
PLF8-G02		G1/4	11	23	26.5	33.5	14.5	17
PLF8-G03		G3/8	11.5	23	28	35	14.5	20
PLF8-G04	10	G1/2	14	23	31.5	38.5	14.5	24
PLF10-G01		G1/8	8.5	27	25.5	34.5	18.5	17
PLF10-G02		G1/4	11	27	28.5	37.5	18.5	17
PLF10-G03		G3/8	11.5	27	29	38	18.5	20
PLF10-G04	12	G1/2	14	27	33.5	42.5	18.5	24
PLF12-G01		G1/8	8.5	29.5	26	36.5	21	17
PLF12-G02		G1/4	11	29.5	29	39.5	21	17
PLF12-G03		G3/8	11.5	29.5	29.5	40	21	20
PLF12-G04		G1/2	14	29.5	34	44.5	21	24

PLM Series



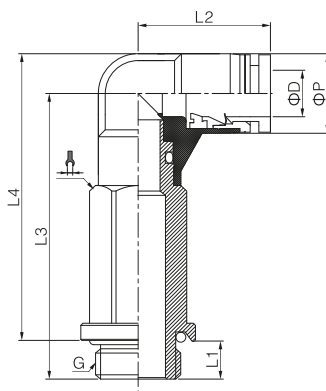
Model	ΦD	M	L1	L2	L3	L4	ΦP	
PLM4	4	M12×1.0	18.5	28	5	3.5	11	14
PLM6	6	M14×1.0	19.5	31	5.5	4	13	17
PLM8	8	M16×1.0	23	35	5.5	4.5	14.5	19
PLM10	10	M18×1.0	27	40	7	5	18.5	21
PLM12	12	M22×1.0	29.5	43.5	9	5	21	27
PLM5/32	5/32	M12×1.0	18.5	28	5	3.5	11	14
PLM1/4	1/4	M14×1.0	19.5	31	5.5	4	13	17
PLM5/16	5/16	M16×1.0	23	35	5.5	4.5	14.5	19
PLM3/8	3/8	M18×1.0	27	40	7	5	18.5	21
PLM1/2	1/2	M22×1.0	29.5	43.5	9	5	21	27

PLL-R Series



Model	ΦD	R	L1	L2	L3	L4	ΦP	
PLL4-M5	4	M5	3.5	18.5	30.5	32.5	11	12
PLL4-M6		M6	4	18.5	31	32.5	11	12
PLL4-01		R1/8	7.5	18.5	33	34.5	11	12
PLL4-02		R1/4	10	18.5	36	35.5	11	14
PLL6-M5	6	M5	3.5	19.5	33.5	36.5	13	12
PLL6-M6		M6	4	19.5	34	36.5	13	12
PLL6-01		R1/8	7.5	19.5	36	38.5	13	12
PLL6-02		R1/4	10	19.5	39	39.5	13	14
PLL6-03		R3/8	10.5	19.5	40	40	13	17
PLL6-04		R1/2	13.5	19.5	43.5	41.5	13	21
PLL8-01	8	R1/8	7.5	23	40.5	44	14.5	14
PLL8-02		R1/4	10	23	43	44.5	14.5	14
PLL8-03		R3/8	10.5	23	44	45	14.5	17
PLL8-04		R1/2	13.5	23	47.5	46.5	14.5	21
PLL10-01	10	R1/8	7.5	27	47	52	18.5	17
PLL10-02		R1/4	10	27	49.5	52.5	18.5	17
PLL10-03		R3/8	10.5	27	50	53	18.5	17
PLL10-04		R1/2	13.5	27	53.5	54.5	18.5	21
PLL12-01	12	R1/8	7.5	29.5	50	56.5	21	17
PLL12-02		R1/4	10	29.5	52.5	57	21	17
PLL12-03		R3/8	10.5	29.5	53	57	21	17
PLL12-04		R1/2	13.5	29.5	56.5	59	21	21

PLL-G Series



Model	ΦD	G	L1	L2	L3	L4	ΦP	
PLL4-G01	4	G1/8	5.5	18.5	33	33	11	12
PLL4-G02		G1/4	6.5	18.5	34	33	11	12
PLL6-G01	6	G1/8	5.5	19.5	36	37	13	12
PLL6-G02		G1/4	6.5	19.5	37	37	13	12
PLL6-G03		G3/8	7.5	19.5	39	38	13	16
PLL8-G01	8	G1/8	5.5	23	40	41.5	14.5	14
PLL8-G02		G1/4	6.5	23	41	41.5	14.5	14
PLL8-G03		G3/8	7.5	23	43	42.5	14.5	16
PLL8-G04		G1/2	10	23	45.5	42.5	14.5	19
PLL10-G01	10	G1/8	5.5	27	46	49.5	18.5	17
PLL10-G02		G1/4	6.5	27	47	49.5	18.5	17
PLL10-G03		G3/8	7.5	27	49	50.5	18.5	17
PLL10-G04		G1/2	10	27	51.5	50.5	18.5	19
PLL12-G01	12	G1/8	5.5	29.5	49	54	21	17
PLL12-G02		G1/4	6.5	29.5	50	54	21	17
PLL12-G03		G3/8	7.5	29.5	52	55	21	17
PLL12-G04		G1/2	10	29.5	54.5	55	21	19

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

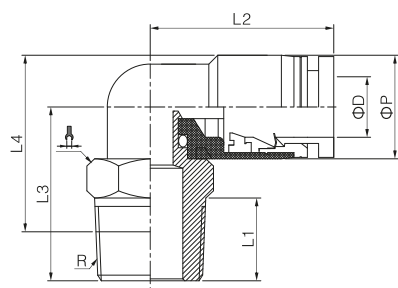
Air Gun

Tracheal
Scissors

Silencers

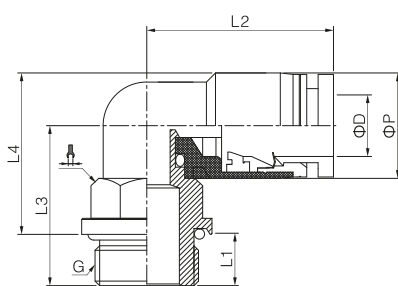
Fittings,
Air Hose

NPL-R Series



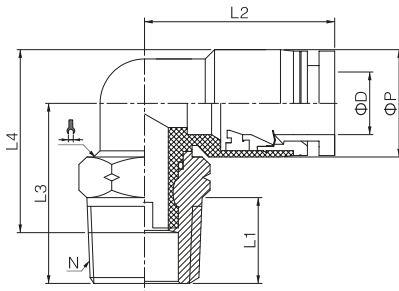
Model	ΦD	R	L1	L2	L3	L4	ΦP	
NPL4-M5	4	M5	3.5	18	16.5	18.5	11	10
NPL4-M6		M6	4	18	17	18.5	11	10
NPL4-01		R1/8	7.5	18	18	19.5	11	10
NPL4-02		R1/4	10	18	20.5	20	11	14
NPL6-M5	6	M5	3.5	19.5	17	20	13	10
NPL6-M6		M6	4	19.5	17.5	20	13	10
NPL6-01		R1/8	7.5	19.5	18.5	21	13	10
NPL6-02		R1/4	10	19.5	21	21.5	13	14
NPL6-03	8	R3/8	10.5	19.5	22	22	13	17
NPL8-01		R1/8	7.5	22.5	19.5	22.5	14.5	12
NPL8-02		R1/4	10	22.5	22	23	14.5	14
NPL8-03		R3/8	10.5	22.5	23	23.5	14.5	17
NPL8-04		R1/2	13.5	22.5	26.5	25.5	14.5	21
NPL10-02	10	R1/4	10	27.5	24.5	28	18.5	17
NPL10-03		R3/8	10.5	27.5	25	28	18.5	17
NPL10-04		R1/2	13.5	27.5	28.5	29.5	18.5	21
NPL12-02	12	R1/4	10	29.5	26	30.5	21	17
NPL12-03		R3/8	10.5	29.5	26.5	30.5	21	17
NPL12-04		R1/2	13.5	29.5	30	32	21	21

NPL-G Series



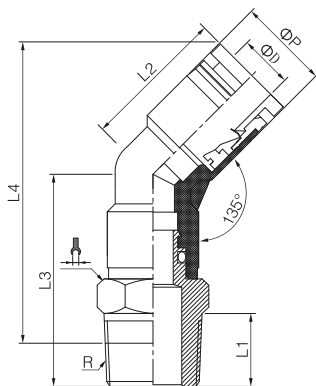
Model	ΦD	G	L1	L2	L3	L4	ΦP	
NPL4-G01	4	G1/8	5.5	18	16.5	16.5	11	10
NPL4-G02		G1/4	6.5	18	17.5	16.5	11	10
NPL6-G01	6	G1/8	5.5	19.5	17	18	13	10
NPL6-G02		G1/4	6.5	19.5	18	18	13	10
NPL6-G03		G3/8	7.5	19.5	19.5	18.5	13	10
NPL8-G01	8	G1/8	5.5	22.5	18	19.5	14.5	12
NPL8-G02		G1/4	6.5	22.5	19	19.5	14.5	12
NPL8-G03		G3/8	7.5	22.5	20.5	20	14.5	12
NPL8-G04		G1/2	10	22.5	23.5	20.5	14.5	12
NPL10-G02	10	G1/4	6.5	27.5	24.5	27.5	18.5	16
NPL10-G03		G3/8	7.5	27.5	21.5	23.5	18.5	16
NPL10-G04		G1/2	10	27.5	24.5	24	18.5	16
NPL12-G02	12	G1/4	6.5	29.5	26	30	21	16
NPL12-G03		G3/8	7.5	29.5	23	26	21	16
NPL12-G04		G1/2	10	29.5	26	26.5	21	16

NPL-N Series



Model	ΦD	G	L1	L2	L3	L4	ΦP	
NPL5/32-U10	5/32	10-32UNF	3.5	18	16.5	18.5	11	7/16
NPL5/32-N01		NPT1/8	7.5	18	18	19.5	11	7/16
NPL5/32-N02		NPT1/4	10	18	20.5	20	11	9/16
NPL3/16-U10	3/16	10-32UNF	3.5	18	16.5	18.5	11	7/16
NPL3/16-N01		NPT1/8	7.5	18	18	19.5	11	7/16
NPL3/16-N02		NPT1/4	10	18	20.5	20	11	9/16
NPTL1/4-U10	1/4	10-32UNF	3.5	19.5	17	20	13	7/16
NPTL1/4-N01		NPT1/8	7.5	19.5	18.5	21	13	7/16
NPTL1/4-N02		NPT1/4	10	19.5	21	21.5	13	9/16
NPTL1/4-N03		NPT3/8	10.5	19.5	22	22	13	11/16
NPTL5/16-N01	5/16	NPT1/8	7.5	22.5	19.5	22.5	14.5	1/2
NPTL5/16-N02		NPT1/4	10	22.5	22	23.5	14.5	9/16
NPTL5/16-N03		NPT3/8	10.5	22.5	23	24	14.5	11/16
NPTL5/16-N04		NPT1/2	13.5	22.5	26.5	25.5	14.5	7/8
NPTL3/8-N02	3/8	NPT1/4	10	27.5	24.5	28	18.5	11/16
NPTL3/8-N03		NPT3/8	10.5	27.5	25	28	18.5	11/16
NPTL3/8-N04		NPT1/2	13.5	27.5	28.5	30	18.5	7/8
NPTL1/2-N02	1/2	NPT1/4	10	29.5	26	30.5	21	11/16
NPTL1/2-N03		NPT3/8	10.5	29.5	26.5	30.5	21	11/16
NPTL1/2-N04		NPT1/2	13.5	29.5	30	32	21	7/8

PL135°-R Series



Model	ΦD	R	L1	L2	L3	L4	ΦP	
PL135°4-M5	4	M5	3.5	16.5	19	30.5	11	12
PL135°4-M6		M6	4	16.5	19.5	30.5	11	12
PL135°4-01		R1/8	7.5	16.5	21.5	33	11	12
PL135°4-02		R1/4	10	16.5	24.5	33.5	11	14
PL135°4-03		R3/8	10.5	16.5	25.5	34	11	17
PL135°6-M5	6	M5	3.5	17.5	21.5	34.5	13	12
PL135°6-M6		M6	4	17.5	22	34.5	13	12
PL135°6-01		R1/8	7.5	17.5	24	36.5	13	12
PL135°6-02		R1/4	10	17.5	27	37.5	13	14
PL135°6-03		R3/8	10.5	17.5	28	38	13	17
PL135°6-04	8	R1/2	13.5	17.5	31.5	39.5	13	21
PL135°8-01		R1/8	7.5	21	27.5	43	14.5	14
PL135°8-02		R1/4	10	21	30	43.5	14.5	14
PL135°8-03		R3/8	10.5	21	31	44	14.5	17
PL135°8-04	10	R1/2	13.5	21	34.5	45.5	14.5	21
PL135°10-01		R1/8	7.5	24	30.5	49	18.5	17
PL135°10-02		R1/4	10	24	33	49.5	18.5	17
PL135°10-03		R3/8	10.5	24	33.5	50	18.5	17
PL135°10-04	12	R1/2	13.5	24	37	51.5	18.5	21
PL135°12-01		R1/8	7.5	26	32.5	53.5	21	17
PL135°12-02		R1/4	10	26	35	54	21	17
PL135°12-03		R3/8	10.5	26	35.5	54.5	21	17
PL135°12-04		R1/2	13.5	26	39	56	21	21

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

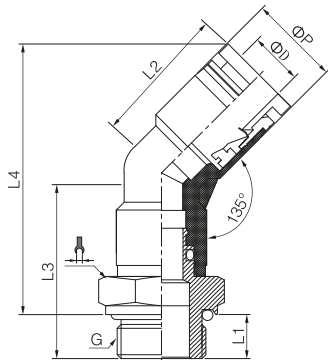
UN54D

Air Gun

Tracheal
Scissors

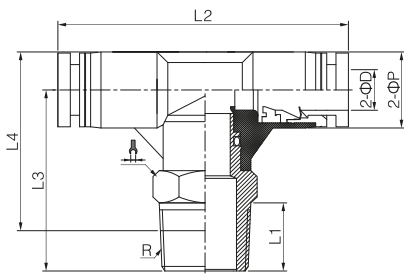
Silencers

PL135°-G Series



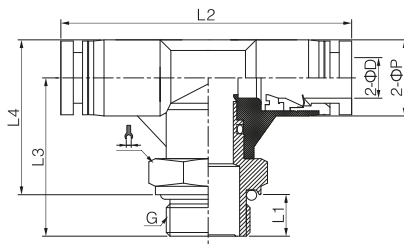
Model	ΦD	G	L1	L2	L3	L4	ΦP	
PL 135°4-G01	4	G1/8	5.5	16.5	21.5	31	11	14
PL 135°4-G02		G1/4	6.5	16.5	22.5	31	11	17
PL 135°4-G03		G3/8	7.5	16.5	24.5	32	11	20
PL 135°6-G01	6	G1/8	5.5	17.5	24	35	13	14
PL 135°6-G02		G1/4	6.5	17.5	25	35	13	17
PL 135°6-G03		G3/8	7.5	17.5	27	36	13	20
PL 135°6-G04	6	G1/2	10	17.5	29.5	36	13	24
PL 135°8-G01		G1/8	5.5	21	27	41	14.5	14
PL 135°8-G02		G1/4	6.5	21	28	41	14.5	17
PL 135°8-G03	8	G3/8	7.5	21	30	42	14.5	20
PL 135°8-G04		G1/2	10	21	32.5	42	14.5	24
PL 135°10-G01	10	G1/8	5.5	24	29.5	46.5	18.5	17
PL 135°10-G02		G1/4	6.5	24	30.5	46.5	18.5	17
PL 135°10-G03		G3/8	7.5	24	32.5	47.5	18.5	20
PL 135°10-G04	10	G1/2	10	24	35	47.5	18.5	24
PL 135°12-G01		G1/8	5.5	26	31.5	51	21	17
PL 135°12-G02		G1/4	6.5	26	32.5	51	21	17
PL 135°12-G03	12	G3/8	7.5	26	34.5	52	21	20
PL 135°12-G04		G1/2	10	26	37	52	21	24

PB-R Series



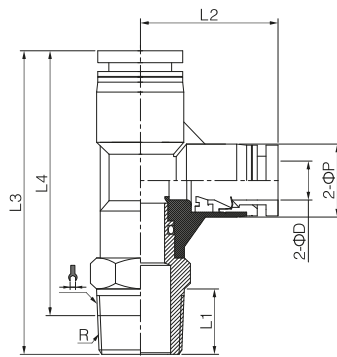
Model	ΦD	R	L1	L2	L3	L4	ΦP	
PB4-M5	4	M5	3.5	37	18.5	20.5	11	12
PB4-M6		M6	4	37	19	20.5	11	12
PB4-01		R1/8	7.5	37	21	22.5	11	12
PB4-02		R1/4	10	37	24	23.5	11	14
PB4-03		R3/8	10.5	37	25	24	11	17
PB6-M5	6	M5	3.5	39	19.5	22.5	13	12
PB6-M6		M6	4	39	20	22.5	13	12
PB6-01		R1/8	7.5	39	22	24.5	13	12
PB6-02		R1/4	10	39	25	25.5	13	14
PB6-03		R3/8	10.5	39	26	26	13	17
PB6-04	6	R1/2	13.5	39	29.5	27.5	13	21
PB8-01		R1/8	7.5	46	25	28.5	14.5	14
PB8-02		R1/4	10	46	27.5	29	14.5	14
PB8-03		R3/8	10.5	46	28.5	29	14.5	17
PB8-04		R1/2	13.5	46	32	31	14.5	21
PB10-01	10	R1/8	7.5	54.5	27.5	32.5	18.5	17
PB10-02		R1/4	10	54.5	30	33	18.5	17
PB10-03		R3/8	10.5	54.5	30.5	33	18.5	17
PB10-04		R1/2	13.5	54.5	34	35	18.5	21
PB12-01	12	R1/8	7.5	59	28	34.5	21	17
PB12-02		R1/4	10	59	30.5	35	21	17
PB12-03		R3/8	10.5	59	31	35	21	17
PB12-04		R1/2	13.5	59	34.5	36.5	21	21
PB14-03	14	R3/8	11	60	37	42	23	19
PB14-04		R1/2	14	60	40.5	44	23	21
PB16-03	16	R3/8	11	61	42	48.5	26	21
PB16-04		R1/2	14	61	45.5	50	26	21

PB-G Series



Model	ΦD	G	L1	L2	L3	L4	ΦP	
PB4-G01	4	G1/8	5.5	37	21	21	11	14
PB4-G02		G1/4	6.5	37	22	21	11	17
PB4-G03		G3/8	7.5	37	24	22	11	20
PB6-G01	6	G1/8	5.5	39	22	23	13	14
PB6-G02		G1/4	6.5	39	23	23	13	17
PB6-G03		G3/8	7.5	39	25	24	13	20
PB8-G01	8	G1/8	5.5	46	24.5	26	14.5	14
PB8-G02		G1/4	6.5	46	25.5	26	14.5	17
PB8-G03		G3/8	7.5	46	27.5	27	14.5	20
PB8-G04	10	G1/2	10	46	30	27	14.5	24
PB10-G01		G1/8	5.5	54.5	26.5	30	18.5	17
PB10-G02		G1/4	6.5	54.5	27.5	30	18.5	17
PB10-G03	12	G3/8	7.5	54.5	29.5	32	18.5	20
PB10-G04		G1/2	10	54.5	32	31	18.5	24
PB12-G01		G1/8	5.5	59	27	32	21	17
PB12-G02	14	G1/4	6.5	59	28	32	21	17
PB12-G03		G3/8	7.5	59	30	33	21	20
PB12-G04		G1/2	10	59	32.5	33	21	24
PB14-G03	16	G3/8	7.5	60	34.5	40	23	20
PB14-G04		G1/2	10	60	38	40	23	24
PB16-G03		G3/8	7.5	61	39.5	46	26	21
PB16-G04		G1/2	10	61	43	46	26	24

PD-R Series



Model	ΦD	R	L1	L2	L3	L4	ΦP	
PD4-M5	4	M5	3.5	18.5	37	33.5	11	12
PD4-M6		M6	4	18.5	37.5	33.5	11	12
PD4-01		R1/8	7.5	18.5	40	36	11	12
PD4-02		R1/4	10	18.5	43	37	11	14
PD4-03		R3/8	10.5	18.5	43.5	37	11	17
PD6-M5	6	M5	3.5	19.5	39	35.5	13	12
PD6-M6		M6	4	19.5	39.5	35.5	13	12
PD6-01		R1/8	7.5	19.5	42	38	13	12
PD6-02		R1/4	10	19.5	45	39	13	14
PD6-03		R3/8	10.5	19.5	45.5	39	13	17
PD6-04	8	R1/2	13.5	19.5	49	41	13	21
PD8-01		R1/8	7.5	23	48.5	44.5	14.5	14
PD8-02		R1/4	10	23	51	45	14.5	14
PD8-03		R3/8	10.5	23	51.5	45	14.5	17
PD8-04		R1/2	13.5	23	55	47	14.5	21
PD10-01	10	R1/8	7.5	27	55	51	18.5	17
PD10-02		R1/4	10	27	57	51	18.5	17
PD10-03		R3/8	10.5	27	57.5	51	18.5	17
PD10-04		R1/2	13.5	27	61	53	18.5	21
PD12-01	12	R1/8	7.5	29.5	57.5	53.5	21	17
PD12-02		R1/4	10	29.5	60	54	21	17
PD12-03		R3/8	10.5	29.5	60.5	54	21	17
PD12-04		R1/2	13.5	29.5	64	56	21	21
PD14-03	14	R3/8	11	30.5	67.5	61	23	19
PD14-04		R1/2	14	30.5	71	63	23	21

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

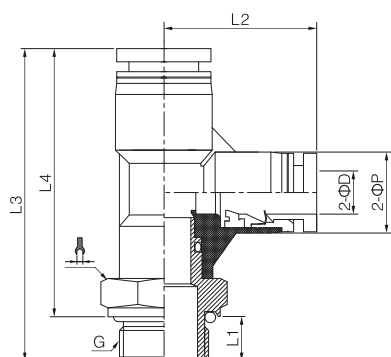
Air Gun

Tracheal
Scissors

Silencers

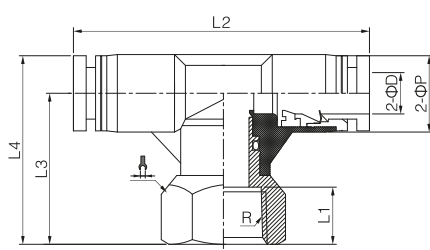
Fittings,
Air Hose

PD-G Series



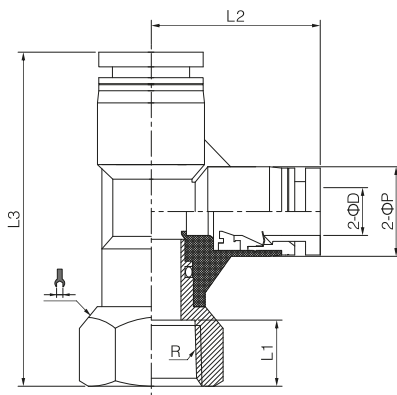
Model	ΦD	G	L1	L2	L3	L4	ΦP	
PD4-G01	4	G1/8	5.5	18.5	39.5	34	11	14
PD4-G02		G1/4	6.5	18.5	40.5	34	11	17
PD4-G03		G3/8	7.5	18.5	42.5	35	11	20
PD6-G01	6	G1/8	5.5	19.5	41.5	36	13	14
PD6-G02		G1/4	6.5	19.5	42.5	36	13	17
PD6-G03		G3/8	7.5	19.5	44.5	37	13	20
PD8-G01	8	G1/8	5.5	23	47.5	42	14.5	14
PD8-G02		G1/4	6.5	23	48.5	42	14.5	17
PD8-G03		G3/8	7.5	23	50.5	43	14.5	20
PD8-G04		G1/2	10	23	53	43	14.5	24
PD10-G01	10	G1/8	5.5	27	53.5	48	18.5	17
PD10-G02		G1/4	6.5	27	54.5	48	18.5	17
PD10-G03		G3/8	7.5	27	56.5	49	18.5	20
PD10-G04		G1/2	10	27	59	49	18.5	24
PD12-G01	12	G1/8	5.5	29.5	56.5	51	21	17
PD12-G02		G1/4	6.5	29.5	57.5	51	21	17
PD12-G03		G3/8	7.5	29.5	59.5	52	21	20
PD12-G04		G1/2	10	29.5	62	52	21	24
PD14-G03	14	G3/8	7.5	30.5	65	58.5	23	20
PD14-G04		G1/2	10	30.5	68.5	58.5	23	24

PBF Series



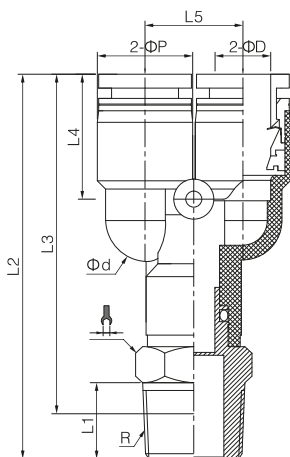
Model	ΦD	R	L1	L2	L3	L4	ΦP	
PBF4-M5	4	M5	5	37	17	22.5	11	12
PBF4-M6		M6	5	37	17	22.5	11	12
PBF4-01		R1/8	8.5	37	20	25.5	11	14
PBF4-02		R1/4	11	37	23	28.5	11	17
PBF4-03		R3/8	11.5	37	24.5	30	11	20
PBF6-M5	6	M5	5	39	18	24.5	13	12
PBF6-M6		M6	5	39	18	24.5	13	12
PBF6-01		R1/8	8.5	39	21	27.5	13	14
PBF6-02		R1/4	11	39	24	30.5	13	17
PBF6-03		R3/8	11.5	39	25.5	32	13	20
PBF8-01	8	R1/8	8.5	46	23.5	30.5	14.5	14
PBF8-02		R1/4	11	46	26.5	33.5	14.5	17
PBF8-03		R3/8	11.5	46	28	35	14.5	20
PBF8-04		R1/2	14	46	31.5	38.5	14.5	24
PBF10-01	10	R1/8	8.5	54.5	25.5	34.5	18.5	17
PBF10-02		R1/4	11	54.5	28.5	37.5	18.5	17
PBF10-03		R3/8	11.5	54.5	29	38	18.5	20
PBF10-04		R1/2	14	54.5	33.5	42.5	18.5	24
PBF12-01	12	R1/8	8.5	59	26	36.5	21	17
PBF12-02		R1/4	11	59	29	39.5	21	17
PBF12-03		R3/8	11.5	59	29.5	40	21	20
PBF12-04		R1/2	14	59	34	44.5	21	24

PDF Series



Model	ΦD	R	L1	L2	L3	ΦP	
PDF4-M5	4	M5	5	18.5	35.5	11	12
PDF4-M6		M6	5	18.5	35.5	11	12
PDF4-01		R1/8	8.5	18.5	38.5	11	14
PDF4-02		R1/4	11	18.5	41.5	11	17
PDF4-03		R3/8	11.5	18.5	43	11	20
PDF6-M5	6	M5	5	19.5	37.5	13	12
PDF6-M6		M6	5	19.5	37.5	13	12
PDF6-01		R1/8	8.5	19.5	40.5	13	14
PDF6-02		R1/4	11	19.5	43.5	13	17
PDF6-03		R3/8	11.5	19.5	45	13	20
PDF8-01	8	R1/8	8.5	23	46.5	14.5	14
PDF8-02		R1/4	11	23	49.5	14.5	17
PDF8-03		R3/8	11.5	23	51	14.5	20
PDF8-04		R1/2	14	23	54.5	14.5	24
PDF10-01	10	R1/8	8.5	27	52.5	18.5	17
PDF10-02		R1/4	11	27	55.5	18.5	17
PDF10-03		R3/8	11.5	27	56	18.5	20
PDF10-04		R1/2	14	27	60.5	18.5	24
PDF12-01	12	R1/8	8.5	29.5	55.5	21	17
PDF12-02		R1/4	11	29.5	58.5	21	17
PDF12-03		R3/8	11.5	29.5	59	21	20
PDF12-04		R1/2	14	29.5	63.5	21	24

PWT-R Series



Model	ΦD	R	L1	L2	L3	L4	L5	ΦP	
PWT4-M5	4	M5	3.5	39	35.5	14	11	11	12
PWT4-M6		M6	4	39.5	35.5	14	11	11	12
PWT4-01		R1/8	7.5	41.5	37.5	14	11	11	12
PWT4-02		R1/4	10	44.5	38.5	14	11	11	14
PWT4-03		R3/8	10.5	45.5	39	14	11	11	17
PWT6-M5	6	M5	3.5	42	38.5	15	13	13	12
PWT6-M6		M6	4	42.5	37	15	13	13	12
PWT6-01		R1/8	7.5	45	41	15	13	13	12
PWT6-02		R1/4	10	47.5	41.5	15	13	13	14
PWT6-03		R3/8	10.5	48.5	42	15	13	13	17
PWT6-04	8	R1/2	13.5	52	44	15	13	13	21
PWT8-01		R1/8	7.5	51	47	18	14.5	14.5	14
PWT8-02		R1/4	10	53.5	47.5	18	14.5	14.5	14
PWT8-03		R3/8	10.5	54.5	48	18	14.5	14.5	17
PWT8-04	10	R1/2	13.5	58	49.5	18	14.5	14.5	21
PWT10-01		R1/8	7.5	56.5	52.5	21	18.5	18.5	17
PWT10-02		R1/4	10	59	53	21	18.5	18.5	17
PWT10-03		R3/8	10.5	59.5	53	21	18.5	18.5	17
PWT10-04	12	R1/2	13.5	63	55	21	18.5	18.5	21
PWT12-02		R1/4	10	64	58	21.5	21	21	17
PWT12-03		R3/8	10.5	64.5	58	21.5	21	21	17
PWT12-04		R1/2	13.5	68	60	21.5	21	21	21
PWT14-03	14	R3/8	11	65.5	59	22	23	23	19
PWT14-04		R1/2	14	69	60.5	22	23	23	21
PWT16-03	16	R3/8	11	65.5	59	22	26	26	21
PWT16-04		R1/2	14	69	61	22	26	26	21

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

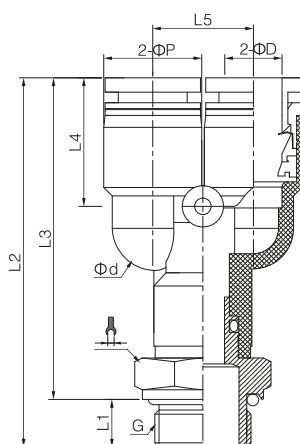
Air Gun

Tracheal
Scissors

Silencers

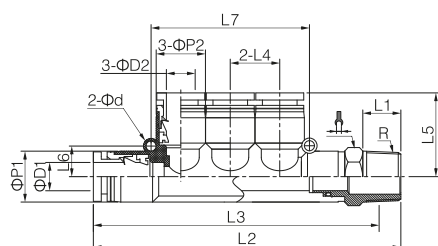
Fittings,
Air Hose

PWT-G Series



Model	ΦD	G	L1	L2	L3	L4	L5	ΦP	Φd
PWT4-G01	4	G1/8	5.5	41.5	36	14	11	11	14
PWT4-G02		G1/4	6.5	42.5	36	14	11	11	17
PWT4-G03		G3/8	7.5	44.5	37	14	11	11	20
PWT6-G01	6	G1/8	5.5	44.5	39	15	13	13	14
PWT6-G02		G1/4	6.5	45.5	39	15	13	13	17
PWT6-G03		G3/8	7.5	47.5	40	15	13	13	20
PWT8-G01	8	G1/8	5.5	50.5	45	18	14.5	14.5	14
PWT8-G02		G1/4	6.5	51.5	45	18	14.5	14.5	17
PWT8-G03		G3/8	7.5	53.5	46	18	14.5	14.5	20
PWT10-G01	10	G1/8	5.5	55.5	50	21	18.5	18.5	17
PWT10-G02		G1/4	6.5	56.5	50	21	18.5	18.5	17
PWT10-G03		G3/8	7.5	58.5	51	21	18.5	18.5	20
PWT12-G02	12	G1/4	6.5	61.5	55	21.5	21	21	17
PWT12-G03		G3/8	7.5	63.5	56	21.5	21	21	20
PWT12-G04		G1/2	10	66	56	21.5	21	21	24
PWT14-G03	14	G3/8	7.5	63	56.5	22	23	23	20
PWT14-G04		G1/2	10	66.5	56.5	22	23	23	24
PWT16-G03	16	G3/8	7.5	63	56.5	22	26	26	21
PWT16-G04		G1/2	10	66.5	56.5	22	26	26	24

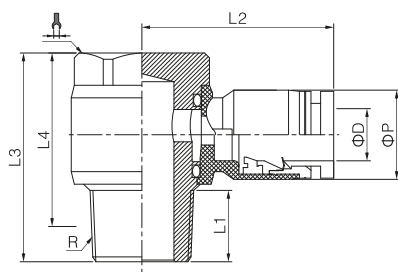
PKD-R Series



Model	ΦD1	ΦD2	R	L1	L2	L3	L4	L5	L6	L7	ΦP1	ΦP2	Φd	Φd
PKD4-01	4	4	R1/8	7.5	65.5	61.5	11	19	8	37.5	13	11	3.2	12
PKD4-02			R1/4	10	68	62	11	19	8	37.5	13	11	3.2	14
PKD6-4-01	6	4	R1/8	7.5	67	63	11	19	8	37.5	13	11	3.2	12
PKD6-4-02			R1/4	10	69.5	63.5	11	19	8	37.5	13	11	3.2	14
PKD6-01	6	6	R1/8	7.5	76	72	13	23	8.5	42	14.5	13	3.2	12
PKD6-02			R1/4	10	78.5	72.5	13	23	8.5	42	14.5	13	3.2	14
PKD8-6-02	8	6	R1/4	10	79.5	73.5	13	23	8.5	42	14.5	13	3.2	14
PKD8-6-03			R3/8	10.5	80.5	74	13	23	8.5	42	14.5	13	3.2	17
PKD8-02	8	8	R1/4	10	87.5	81.5	14.5	25	11	47.5	18.5	14.5	4.2	14
PKD8-03			R3/8	10.5	88.5	82	14.5	25	11	47.5	18.5	14.5	4.2	17
PKD10-8-02	10	8	R1/4	10	88.5	82.5	14.5	25	11	47.5	18.5	14.5	4.2	17
PKD10-8-03			R3/8	10.5	89	82.5	14.5	25	11	47.5	18.5	14.5	4.2	17
PKD10-03	10	10	R3/8	10.5	101.5	95	18.5	29.5	12.5	60	21	18.5	4.2	17
PKD10-04			R1/2	13.5	105	97	18.5	29.5	12.5	60	21	18.5	4.2	21
PKD12-10-03	12	10	R3/8	10.5	103.5	97	18.5	29.5	12.5	60	21	18.5	4.2	17
PKD12-10-04			R1/2	13.5	107	99	18.5	29.5	12.5	60	21	18.5	4.2	21
PKD12-03	12	12	R3/8	10.5	109.5	103	21	29.5	13	68.5	21	21	4.2	17
PKD12-04			R1/2	13.5	113	105	21	29.5	13	68.5	21	21	4.2	21

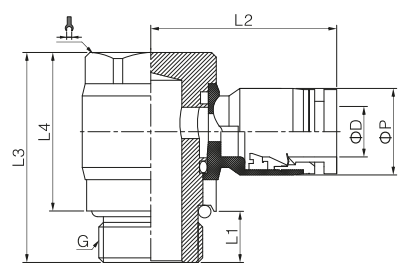
Fittings,
Air Hose

PH-R Series



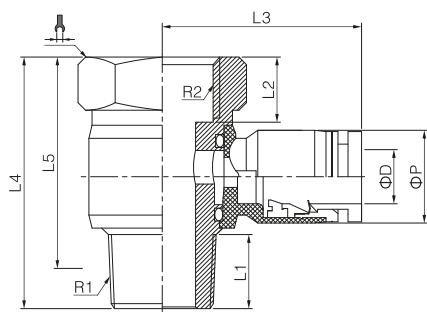
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PH4-M5	4	M5	4	20	17	13	11	8
PH4-M6		M6	4	20	18	14	11	8
PH4-01		R1/8	7	23	24	20	11	12
PH4-02		R1/4	9.5	25	26.5	20.5	11	14
PH6-M5	6	M5	4	21.5	17	13	13	8
PH6-M6		M6	4	21.5	18	14	13	8
PH6-01		R1/8	7	23	24	20	13	12
PH6-02		R1/4	9.5	25	26.5	20.5	13	14
PH6-03	8	R3/8	10.5	27	32	25.5	13	19
PH6-04		R1/2	14	33	39	31	14.5	24
PH8-01		R1/8	7	26.5	24	20	14.5	12
PH8-02		R1/4	9.5	29	26.5	20.5	14.5	14
PH8-03	10	R3/8	10.5	30.5	32	25.5	14.5	19
PH8-04		R1/2	14	33	39	31	14.5	24
PH10-01		R1/8	7	29	24	20	18.5	12
PH10-02		R1/4	9.5	31	26.5	20.5	18.5	14
PH10-03	12	R3/8	10.5	32	32	25.5	18.5	19
PH10-04		R1/2	14	34.5	39	31	18.5	24
PH12-02		R1/4	9.5	33	26.5	20.5	21	14
PH12-03		R3/8	10.5	35	32	25.5	21	19
PH12-04	14	R1/2	14	36.5	39	31	21	24
PH14-04		R1/2	14	39	39	31	26	24
PH16-04	16	R1/2	14	39	39	31	26	24

PH-G Series



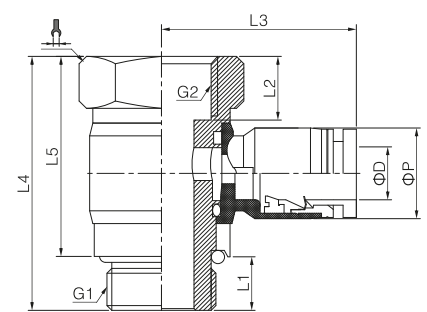
Model	ΦD	G	L1	L2	L3	L4	ΦP	
PH4-G01	4	G1/8	5	23	23.5	18.5	11	12
PH4-G02		G1/4	7	25	27	20	11	14
PH6-G01	6	G1/8	5	23	23.5	18.5	13	12
PH6-G02		G1/4	7	25	27	20	13	14
PH6-G03		G3/8	7.5	27	32	24.5	13	19
PH6-G04		G1/2	10	33	39	29	14.5	24
PH8-G01	8	G1/8	5	26.5	23.5	18.5	14.5	12
PH8-G02		G1/4	7	29	27	20	14.5	14
PH8-G03		G3/8	7.5	30.5	32	24.5	14.5	19
PH8-G04		G1/2	10	33	39	29	14.5	24
PH10-G01	10	G1/8	5	29	23.5	18.5	18.5	12
PH10-G02		G1/4	7	31	27	20	18.5	14
PH10-G03		G3/8	7.5	32	32	24.5	18.5	19
PH10-G04		G1/2	10	34.5	39	29	18.5	24
PH12-G02	12	G1/4	7	33	27	20	21	14
PH12-G03		G3/8	7.5	35	32	24.5	21	19
PH12-G04		G1/2	10	36.5	39	29	21	24
PH14-G04	14	G1/2	10	39	39	29	26	24
PH16-G04	16	G1/2	10	39	39	29	26	24

PHF-R Series



Model	ØD	R1	R2	L1	L2	L3	L4	L5	ΦP	
PHF4-M5	4	M5		4	5	20	20	16.5	11	8
PHF4-M6		M6		4	5	20	21	17	11	8
PHF4-01		R1/8		7		23	28	24	11	14
PHF4-02		R1/4		9.5		25	33	27	11	17
PHF6-M5	6	M5		4	5	21.5	20	16.5	13	8
PHF6-M6		M6		4	5	21.5	21	17	13	8
PHF6-01		R1/8		7		23	28	24	13	14
PHF6-02		R1/4		9.5		25	33	27	13	17
PHF6-03	8	R3/8		10.5		27	39	32.5	13	21
PHF6-04		R1/2		14		33	46.5	38.5	14.5	24
PHF8-01		R1/8		7		26.5	28	24	14.5	14
PHF8-02		R1/4		9.5		29	33	27	14.5	17
PHF8-03	10	R3/8		10.5		30.5	39	32.5	14.5	21
PHF8-04		R1/2		14		33	46.5	38.5	14.5	24
PHF10-01		R1/8		7		29	30.5	26.5	18.5	14
PHF10-02		R1/4		9.5		31	33	27	18.5	17
PHF10-03	12	R3/8		10.5		32	39	32.5	18.5	21
PHF10-04		R1/2		14		34.5	46.5	38.5	18.5	24
PHF12-02		R1/4		9.5		33	35	29	21	17
PHF12-03		R3/8		10.5		35	39	32.5	21	21
PHF12-04	14	R1/2		14		36.5	46.5	38.5	21	24
PHF14-04		R1/2		14		39	46.5	38.5	26	24
PHF16-04	16	R1/2		14		39	46.5	38.5	26	24

PHF-G Series



Model	ØD	G1	G2	L1	L2	L3	L4	L5	ΦP	
PHF4-G01	4	G1/8		5	7	22.5	27.5	22.5	11	14
PHF4-G02		G1/4		7	9.5	26	33	27	11	17
PHF6-G01	6	G1/8		5	7	22.5	27.5	24	13	14
PHF6-G02		G1/4		7	9.5	26	33	27	13	17
PHF6-G03		G3/8		7.5	10.5	31.5	39	32.5	13	21
PHF6-G04		G1/2		10	14	36.5	46.5	38.5	14.5	24
PHF8-G01	8	G1/8		5	7	22.5	27.5	24	14.5	14
PHF8-G02		G1/4		7	9.5	26	33	27	14.5	17
PHF8-G03		G3/8		7.5	10.5	31.5	39	32.5	14.5	21
PHF8-G04		G1/2		10	14	36.5	46.5	38.5	14.5	24
PHF10-G01	10	G1/8		5	7	25	30	26.5	18.5	14
PHF10-G02		G1/4		7	9.5	26	33	27	18.5	17
PHF10-G03		G3/8		7.5	10.5	31.5	39	32.5	18.5	21
PHF10-G04		G1/2		10	14	36.5	46.5	38.5	18.5	24
PHF12-G02	12	G1/4		7	9.5	28	35	29	21	17
PHF12-G03		G3/8		7.5	10.5	31.5	39	32.5	21	21
PHF12-G04		G1/2		10	14	36.5	46.5	38.5	21	24
PHF14-G04	14	G1/2		10	14	36.5	46.5	38.5	26	24
PHF16-G04	16	G1/2		10	14	36.5	46.5	38.5	26	24

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
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Push-IN
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KIS-A
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Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

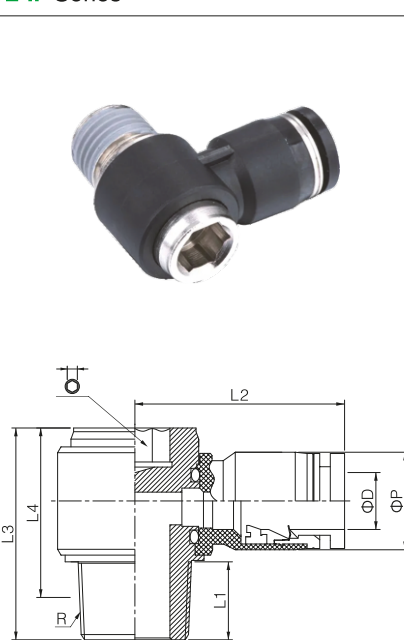
Silencers

POL-I Series



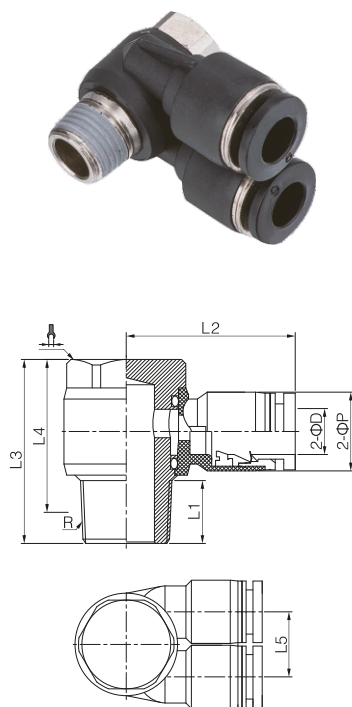
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POL4-M5-I	4	M5	3.5	20	16.5	13	11	4
POL4-01-I		R1/8	7	23	22.5	18.5	11	6
POL4-02-I		R1/4	9.5	25	25	19	11	8
POL6-M5-I	6	M5	3.5	21.5	16.5	13	13	4
POL6-01-I		R1/8	7	23	22.5	18.5	13	6
POL6-02-I		R1/4	9.5	25	25	19	13	8
POL6-03-I	8	R3/8	10.5	27	30.5	24	13	10
POL8-01-I		R1/8	7	26.5	22.5	18.5	14.5	6
POL8-02-I		R1/4	9.5	29	25	19	14.5	8
POL8-03-I		R3/8	10.5	30.5	30.5	24	14.5	10
POL8-04-I	10	R1/2	14	33	37	29	14.5	12
POL10-01-I		R1/8	7	29	22.5	18.5	18.5	6
POL10-02-I		R1/4	9.5	31	25	19	18.5	8
POL10-03-I		R3/8	10.5	32	30.5	24	18.5	10
POL10-04-I	12	R1/2	14	34.5	37	29	18.5	12
POL12-02-I		R1/4	9.5	33	25	19	21	8
POL12-03-I		R3/8	10.5	35	30.5	24	21	10
POL12-04-I	14	R1/2	14	36.5	37	29	21	12
POL14-04-I		R1/2	14	39	37	29	26	12
POL16-04-I	16	R1/2	14	39	37	29	26	12

POL-II Series



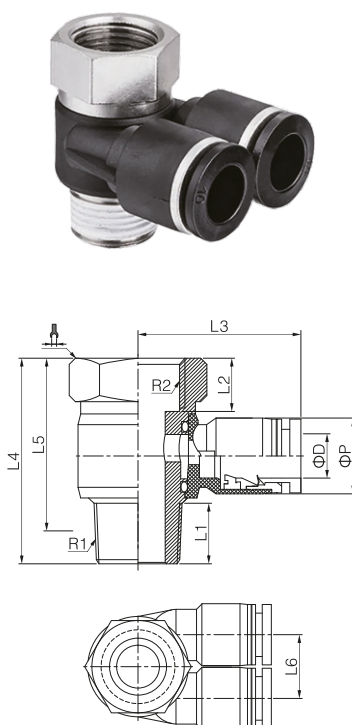
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POL4-M5-II	4	M5	3.5	20	17.5	14	11	4
POL4-M6-II		M6	4	20	18	14	11	4
POL4-01-II		R1/8	8	20	21	17	11	4
POL6-01-II	6	R1/8	8	23	24	20	13	5
POL6-02-II		R1/4	11	23	27	21	13	5
POL8-01-II	8	R1/8	8	27	27	23	14.5	8
POL8-02-II		R1/4	11	27	30	24	14.5	8
POL8-03-II		R3/8	12	27	31	24.5	14.5	8
POL10-02-II	10	R1/4	11	31	34	28	18.5	10
POL10-03-II		R3/8	12	31	35	28.5	18.5	10
POL10-04-II		R1/2	15	31	38	29.5	18.5	10
POL12-02-II	12	R1/4	11	36.5	38	32	21	12
POL12-03-II		R3/8	12	36.5	39	32.5	21	12
POL12-04-II		R1/2	15	36.5	42	33.5	21	12

PA Series



Model	ΦD	R	L1	L2	L3	L4	L5	ΦP	OI
PA4-M5	4	M5	4	22.5	17	13	11	11	8
PA6-01	6	R1/8	7	24	24	20	13	13	12
PA8-01	8	R1/8	7	26	24	20	14.5	14.5	12
PA8-02		R1/4	9.5	28	26.5	20.5	14.5	14.5	14
PA10-02	10	R1/4	9.5	31	26.5	20.5	18.5	18.5	14
PA10-03		R3/8	10.5	33	32	25.5	18.5	18.5	19
PA12-03	12	R3/8	10.5	34	32	25.5	21	21	19
PA12-04		R1/2	14	36.5	39	31	21	21	24
PA6-G01	6	G1/8	5	24	23.5	18.5	13	13	12
PA8-G01	8	G1/8	5	26	23.5	18.5	14.5	14.5	12
PA8-G02		G1/4	7.5	28	27	19.5	14.5	14.5	14
PA10-G02	10	G1/4	7.5	31	27	19.5	18.5	18.5	14
PA10-G03		G3/8	7.5	33	32	24.5	18.5	18.5	19
PA12-G03	12	G3/8	7.5	34	32	24.5	21	21	19
PA12-G04		G1/2	10	26.5	39	29	21	21	24

PAF Series



Model	ΦD	R	L1	L2	L3	L4	L5	L6	ΦP	OI
PAF4-M5	4	M5	4	5	22.5	20	16	11	11	8
PAF6-01	6	R1/8	7	7	24	28	24	13	13	14
PAF8-01	8	R1/8	7	7	26	28	24	14.5	14.5	14
PAF8-02		R1/4	9.5	9.5	28	33	27	14.5	14.5	17
PAF10-02	10	R1/4	9.5	9.5	31	33	27	18.5	18.5	17
PAF10-03		R3/8	10.5	10.5	33	39	32.5	18.5	18.5	21
PAF12-03	12	R3/8	10.5	10.5	34	39	32.5	21	21	21
PAF12-04		R1/2	14	14	36.5	46.5	38.5	21	21	24
PAF6-G01	6	G1/8	5	7	24	27.5	22.5	13	13	14
PAF8-G01	8	G1/8	5	7	26	27.5	22.5	14.5	14.5	14
PAF8-G02		G1/4	7	9.5	28	33	26	14.5	14.5	17
PAF10-G02	10	G1/4	7	9.5	31	33	26	18.5	18.5	17
PAF10-G03		G3/8	7.5	10.5	33	39	31.5	18.5	18.5	21
PAF12-G03	12	G3/8	7.5	10.5	34	39	31.5	21	21	21
PAF12-G04		G1/2	10	14	36.5	46.5	36.5	21	21	24

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
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550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

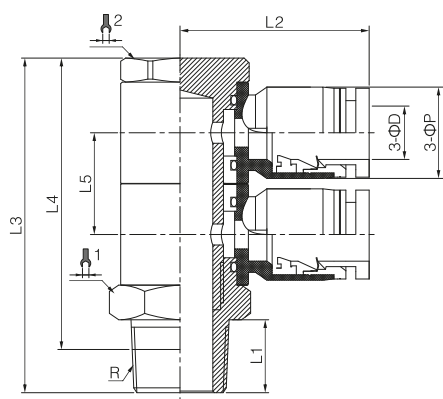
Air Gun

Tracheal
Scissors

Silencers

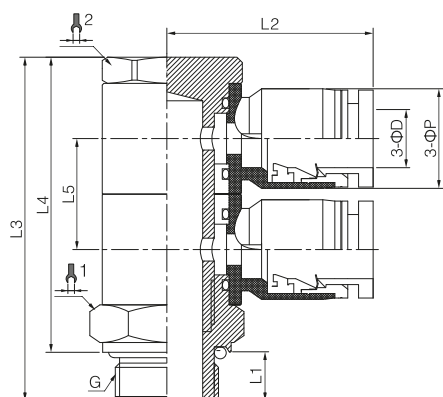
Fittings,
Air Hose

PHW-R Series



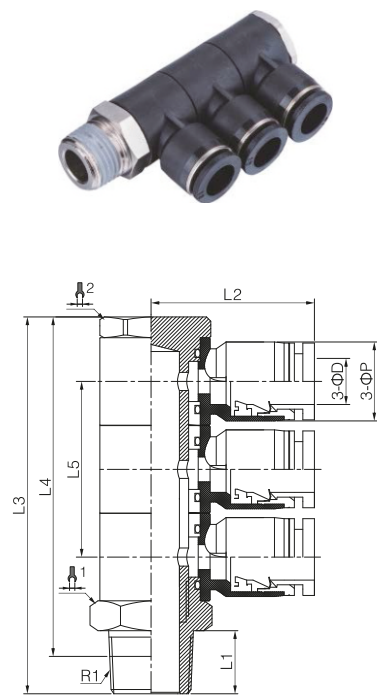
Model	ΦD	R	L1	L2	L3	L4	L5	ΦP	1	2
PHW4-01	4	R1/8	8	23.5	43	39	13.5	13	14	14
PHW4-02		R1/4	11	23.5	46	40	13.5	13	14	14
PHW6-01	6	R1/8	8	23.5	43	39	13.5	13	14	14
PHW6-02		R1/4	11	23.5	46	40	13.5	13	14	14
PHW6-03	8	R3/8	12	23.5	48	41.5	13.5	13	17	14
PHW8-01		R1/8	8	27.5	47	43	15	14.5	17	17
PHW8-02	10	R1/4	11	27.5	50	44	15	14.5	17	17
PHW8-03		R3/8	12	27.5	51	44.5	15	14.5	17	17
PHW8-04	12	R1/2	15	27.5	55	47	15	14.5	21	17
PHW10-02		R1/4	11	32	58	52	18.5	18.5	21	21
PHW10-03	14	R3/8	12	32	59	52.5	18.5	18.5	21	21
PHW10-04		R1/2	15	32	62	54	18.5	18.5	21	21
PHW12-02	16	R1/4	11	35	64.5	58.5	21.5	21	24	24
PHW12-03		R3/8	12	35	65.5	59	21.5	21	24	24
PHW12-04	18	R1/2	15	35	68.5	60.5	21.5	21	24	24

PHW-G Series



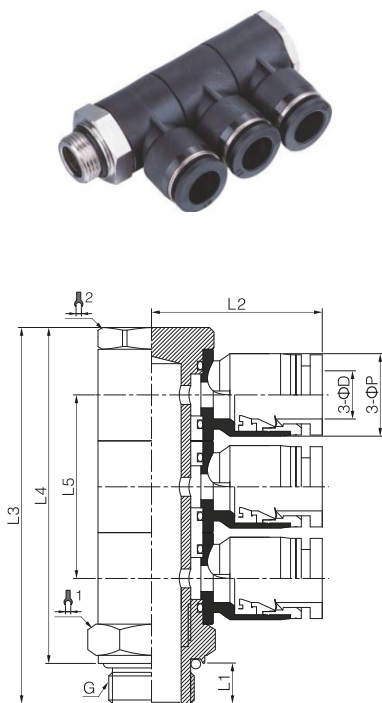
Model	ΦD	G	L1	L2	L3	L4	L5	ΦP	1	2
PHW4-G01	4	G1/8	5.5	23.5	42	36.5	13.5	13	14	14
PHW4-G02		G1/4	6.5	23.5	43	36.5	13.5	13	17	14
PHW6-G01	6	G1/8	5.5	23.5	42	36.5	13.5	13	14	14
PHW6-G02		G1/4	6.5	23.5	43	36.5	13.5	13	17	14
PHW6-G03	8	G3/8	7.5	23.5	45	37.5	13.5	13	20	14
PHW8-G01		G1/8	5.5	27.5	46	40.5	15	14.5	17	17
PHW8-G02	10	G1/4	6.5	27.5	47	40.5	15	14.5	17	17
PHW8-G03		G3/8	7.5	27.5	48	40.5	15	14.5	20	17
PHW8-G04	12	G1/2	10	27.5	51.5	41.5	15	14.5	24	17
PHW10-G02		G1/4	6.5	32	55	48.5	18.5	18.5	21	21
PHW10-G03	14	G3/8	7.5	32	56	48.5	18.5	18.5	21	21
PHW10-G04		G1/2	10	32	58.5	48.5	18.5	18.5	24	21
PHW12-G02	16	G1/4	6.5	35	61.5	55	21.5	21	24	24
PHW12-G03		G3/8	7.5	35	62.5	55	21.5	21	24	24
PHW12-G04	18	G1/2	10	35	65	55	21.5	21	24	24

PHT-R Series



Model	ΦD	R	L1	L2	L3	L4	L5	ΦP	1	2
PHT4-01	4	R1/8	8	23.5	56.5	52.5	13.5	13	14	14
PHT4-02		R1/4	11	23.5	59.5	53.5	13.5	13	14	14
PHT6-01	6	R1/8	8	23.5	56.5	52.5	13.5	13	14	14
PHT6-02		R1/4	11	23.5	59.5	53.5	13.5	13	14	14
PHT6-03		R3/8	12	23.5	61.5	55	13.5	13	17	14
PHT8-01	8	R1/8	8	27.5	62	58	15	14.5	17	17
PHT8-02		R1/4	11	27.5	65	59	15	14.5	17	17
PHT8-03		R3/8	12	27.5	66	59.5	15	14.5	17	17
PHT8-04		R1/2	15	27.5	70	62	15	14.5	21	17
PHT10-02	10	R1/4	11	32	76.5	70.5	18.5	18.5	21	21
PHT10-03		R3/8	12	32	77.5	71	18.5	18.5	21	21
PHT10-04		R1/2	15	32	80.5	72.5	18.5	18.5	21	21
PHT12-02	12	R1/4	11	35	86	80	21.5	21	24	24
PHT12-03		R3/8	12	35	87	80.5	21.5	21	24	24
PHT12-04		R1/2	15	35	90	82	21.5	21	24	24

PHT-G Series



Model	ΦD	G	L1	L2	L3	L4	L5	ΦP	1	2
PHT4-G01	4	G1/8	5.5	23.5	55.5	50	13.5	13	14	14
PHT4-G02		G1/4	6.5	23.5	56.5	50	13.5	13	17	14
PHT6-G01	6	G1/8	5.5	23.5	55.5	50	13.5	13	14	14
PHT6-G02		G1/4	6.5	23.5	56.5	50	13.5	13	17	14
PHT6-G03		G3/8	7.5	23.5	58.5	51	13.5	13	20	14
PHT8-G01	8	G1/8	5.5	27.5	61	55.5	15	14.5	17	17
PHT8-G02		G1/4	6.5	27.5	62	55.5	15	14.5	17	17
PHT8-G03		G3/8	7.5	27.5	63	55.5	15	14.5	20	17
PHT8-G04		G1/2	10	27.5	66.5	56.5	15	14.5	24	17
PHT10-G02	10	G1/4	6.5	32	73.5	67	18.5	18.5	21	21
PHT10-G03		G3/8	7.5	32	74.5	67	18.5	18.5	21	21
PHT10-G04		G1/2	10	32	77	67	18.5	18.5	24	21
PHT12-G02	12	G1/4	6.5	35	83	76.5	21.5	21	24	24
PHT12-G03		G3/8	7.5	35	84	76.5	21.5	21	24	24
PHT12-G04		G1/2	10	35	86.5	76.5	21.5	21	24	24

Fittings,
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Quick
Fittings

Mini Quick
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Valves

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316L
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Pipe
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Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

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Scissors

Silencers

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PA12,
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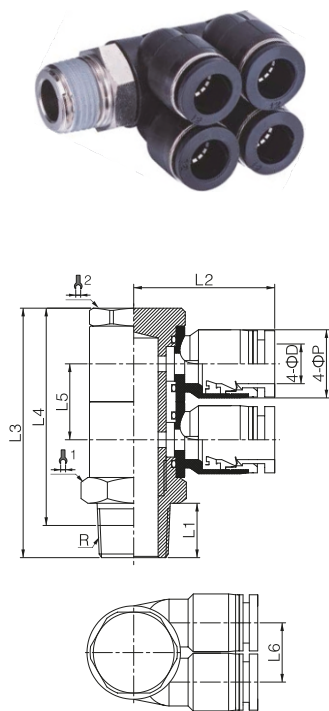
UN54D

Air Gun

Tracheal
Scissors

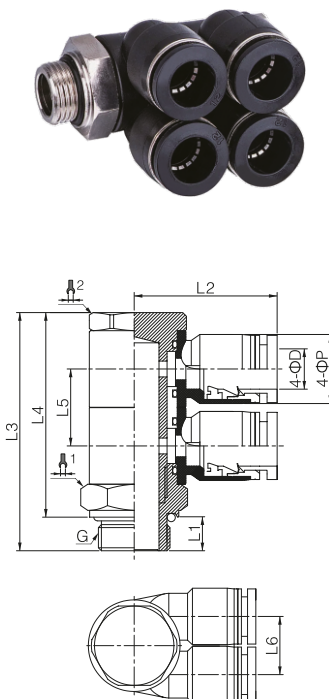
Silencers

PAW-R Series



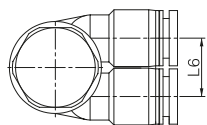
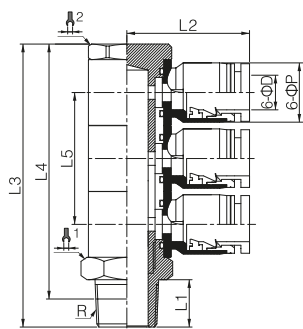
Model	ΦD	R	L1	L2	L3	L4	L5	L6	ΦP	1	2
PAW4-01	4	R1/8	8	23	43	39	13.5	13	13	14	14
PAW4-02		R1/4	11	23	46	40	13.5	13	13	14	14
PAW6-01	6	R1/8	8	23.5	43	39	13.5	13	13	14	14
PAW6-02		R1/4	11	23.5	46	40	13.5	13	13	14	14
PAW6-03		R3/8	12	23.5	48	41.5	13.5	13	13	17	17
PAW8-01	8	R1/8	8	27.5	47	43	15	14.5	14.5	17	17
PAW8-02		R1/4	11	27.5	50	44	15	14.5	14.5	17	17
PAW8-03		R3/8	12	27.5	51	44.5	15	14.5	14.5	17	17
PAW8-04		R1/2	15	27.5	55	47	15	14.5	14.5	21	21
PAW10-02	10	R1/4	11	32	58	52	18.5	18.5	18.5	21	21
PAW10-03		R3/8	12	32	59	52.5	18.5	18.5	18.5	21	21
PAW10-04		R1/2	15	32	62	54	18.5	18.5	18.5	21	21
PAW12-02	12	R1/4	11	35	64.5	58.5	21.5	21	21	24	24
PAW12-03		R3/8	12	35	65.5	59	21.5	21	21	24	24
PAW12-04		R1/2	15	35	68.5	60.5	21.5	21	21	24	24

PAW-G Series



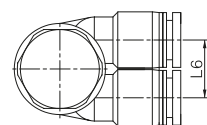
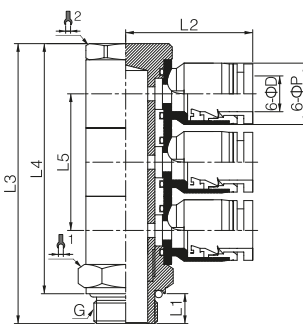
Model	ΦD	G	L1	L2	L3	L4	L5	L6	ΦP	1	2
PAW4-G01	4	G1/8	5.5	23	42	36.5	13.5	13	13	14	14
PAW4-G02		G1/4	6.5	23	43	36.5	13.5	13	13	17	14
PAW6-G01	6	G1/8	5.5	23.5	42	36.5	13.5	13	13	14	14
PAW6-G02		G1/4	6.5	23.5	43	36.5	13.5	13	13	17	14
PAW6-G03		G3/8	7.5	23.5	45	37.5	13.5	13	13	20	14
PAW8-G01	8	G1/8	5.5	27.5	46	40.5	15	14.5	14.5	17	17
PAW8-G02		G1/4	6.5	27.5	47	40.5	15	14.5	14.5	17	17
PAW8-G03		G3/8	7.5	27.5	48	40.5	15	14.5	14.5	20	17
PAW8-G04		G1/2	10	27.5	51.5	41.5	15	14.5	14.5	24	17
PAW10-G02	10	G1/4	6.5	32	55	48.5	18.5	18.5	18.5	21	21
PAW10-G03		G3/8	7.5	32	56	48.5	18.5	18.5	18.5	21	21
PAW10-G04		G1/2	10	32	58.5	48.5	18.5	1.85	18.5	24	21
PAW12-G02	12	G1/4	6.5	35	61.5	55	21.5	21	21	24	24
PAW12-G03		G3/8	7.5	35	62.5	55	21.5	21	21	24	24
PAW12-G04		G1/2	10	35	65	55	21.5	21	21	24	24

PAT-R Series



Model	ΦD	R	L1	L2	L3	L4	L5	L6	ΦP	1	2
PAT4-01	4	R1/8	8	23	56.5	52.5	13.5	13	13	14	14
PAT4-02		R1/4	11	23	59.5	53.5	13.5	13	13	14	14
PAT6-01	6	R1/8	8	23.5	56.5	52.5	13.5	13	13	14	14
PAT6-02		R1/4	11	23.5	59.5	53.5	13.5	13	13	14	14
PAT6-03		R3/8	12	23.5	61.5	55	13.5	13	13	17	14
PAT8-01	8	R1/8	8	27.5	62	58	15	14.5	14.5	17	17
PAT8-02		R1/4	11	27.5	65	59	15	14.5	14.5	17	17
PAT8-03		R3/8	12	27.5	66	59.5	15	14.5	14.5	17	17
PAT8-04		R1/2	15	27.5	70	62	15	14.5	14.5	21	17
PAT10-02	10	R1/4	11	32	76.5	70.5	18.5	18.5	18.5	21	21
PAT10-03		R3/8	12	32	77.5	71	18.5	18.5	18.5	21	21
PAT10-04		R1/2	15	32	80.5	72.5	18.5	18.5	18.5	21	21
PAT12-02	12	R1/4	11	35	86	80	21.5	21	21	24	24
PAT12-03		R3/8	12	35	87	80.5	21.5	21	21	24	24
PAT12-04		R1/2	15	35	90	82	21.5	21	21	24	24

PAT-G Series



Model	ΦD	G	L1	L2	L3	L4	L5	L6	ΦP	1	2
PAT4-G01	4	G1/8	5.5	23	55.5	50	13.5	13	13	14	14
PAT4-G02		G1/4	6.5	23	56.5	50	13.5	13	13	17	14
PAT6-G01	6	G1/8	5.5	23.5	55.5	50	13.5	13	13	14	14
PAT6-G02		G1/4	6.5	23.5	56.5	50	13.5	13	13	17	14
PAT6-G03		G3/8	7.5	23.5	58.5	51	13.5	13	13	20	14
PAT8-G01	8	G1/8	5.5	27.5	61	55.5	15	14.5	14.5	17	17
PAT8-G02		G1/4	6.5	27.5	62	55.5	15	14.5	14.5	17	17
PAT8-G03		G3/8	7.5	27.5	63	55.5	15	14.5	14.5	20	17
PAT8-G04		G1/2	10	27.5	66.5	56.5	15	14.5	14.5	24	17
PAT10-G02	10	G1/4	6.5	32	73.5	67	18.5	18.5	18.5	21	21
PAT10-G03		G3/8	7.5	32	74.5	67	18.5	18.5	18.5	21	21
PAT10-G04		G1/2	10	32	77	67	18.5	18.5	18.5	24	21
PAT12-G02	12	G1/4	6.5	35	83	76.5	21.5	21	21	24	24
PAT12-G03		G3/8	7.5	35	84	76.5	21.5	21	21	24	24
PAT12-G04		G1/2	10	35	86.5	76.5	21.5	21	21	24	24

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Air Gun

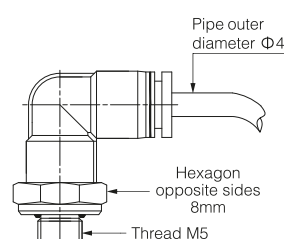
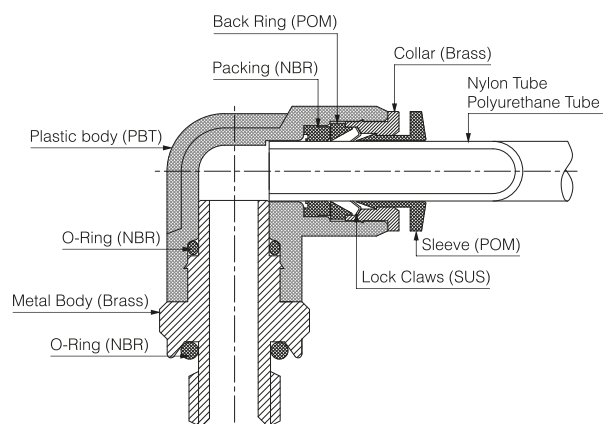
Tracheal
Scissors

Silencers

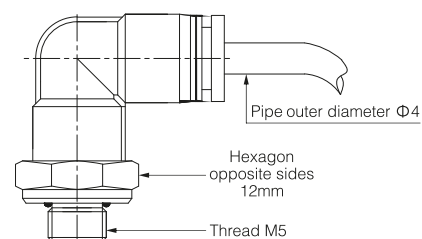
Product feature

1. Ultra small quick plug-in pneumatic pipe joint.
2. The volume is 40% of the standard pipe joint, and the miniaturization is realized successfully.
3. There are two kinds of release rings for pipe disassembly, which are oval and circular. Although they are super small, they are still easy to disassemble.
4. Nickel plated copper body can prevent corrosion and pollution.

Schematic diagram of structure



Minitype



Standard type

Ordering code (example)

PL **4** **-** **M5** **-** **C**

Model **Tube size** **Thread specification** **Small-sized (Code name: C)**

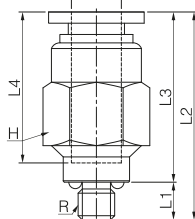
Tube size	Metric size		
Code name	3	4	6
Size (mm)	Φ3	Φ4	Φ6

Thread specification	Metric thread	55° straight pipe thread	55° taper pipe thread
Code name	M3 M5 M6	G01	O1
Thread	M3×0.5 M5×0.8 M6×1.0	G1/8	R1/8

Release ring size

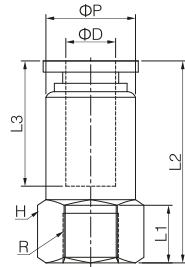
Dimensions	Φ3	Φ4	6
X	7	10	12
Y	6	8	10
Φ	7	8.5	10.5

PC MINI type Series



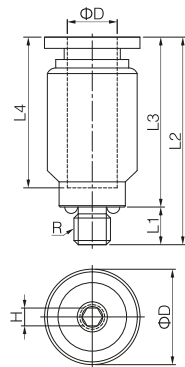
Model	ΦD	R	L1	L2	L3	L4	H
PC3-M3C	3	M3×0.5	3	15.5	12.5	9.5	8
PC3-M5C		M5×0.8	3.5	16	12.5	9.5	8
PC3-M6C		M6×1.0	4	16.5	12.5	9.5	8
PC4-M3C	4	M3×0.5	3	16	13	11	8
PC4-M5C		M5×0.8	3.5	17	13.5	11	8
PC4-M6C		M6×1.0	4	17.5	13.5	11	8
PC4-O1C	6	R1/8	7.5	18	14	11	10
PC6-M5C		M5×0.8	3.5	17.5	14	11.5	10
PC6-M6C		M6×1.0	4	18	14	11.5	10
PC6-O1C		R1/8	7.5	18	14	11.5	10

PCF MINI type Series



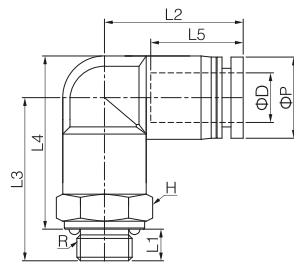
Model	ΦD	R	L1	L2	L3	ΦP	H
PCF3-M3C	3	M3×0.5	4	16	9.5	8	8
PCF3-M5C		M5×0.8	5	17.5	9.5	8	8
PCF3-M6C		M6×1.0	5	17.5	9.5	8	8
PCF4-M3C	4	M3×0.5	4	17.5	11	8	8
PCF4-M5C		M5×0.8	5	19	11	8	8
PCF4-M6C		M6×1.0	5	19	11	8	8
PCF4-01C	6	R1/8	7.5	22	11	8	12
PCF6-M5C		M5×0.8	5	19	11.5	10	10
PCF6-M6C		M6×1.0	5	19	11.5	10	10
PCF6-01C		R1/8	7.5	22	11.5	10	12

POC MINI type Series



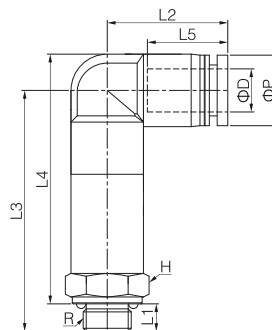
Model	ΦD	R	L1	L2	L3	L4	ΦP	H
POC3-M3C	3	M3×0.5	3	15.5	12.5	9.5	8	1.5
POC3-M5C		M5×0.8	3.5	16	12.5	9.5	8	2
POC3-M6C		M6×1.0	4	16.5	12.5	9.5	8	2
POC4-M3C	4	M3×0.5	3	16	13	11	8	1.5
POC4-M5C		M5×0.8	3.5	17	13.5	11	8	2
POC4-M6C		M6×1.0	4	17.5	13.5	11	8	2.5
POC4-01C	6	R1/8	7.5	18	14	11	10	3
POC6-M5C		M5×0.8	3.5	17.5	14	11.5	10	2
POC6-M6C		M6×1.0	4	18	14	11.5	10	2.5
POC6-01C		R1/8	7.5	18	14	11.5	10	4

PL MINI type Series



Model	ΦD	R	L1	L2	L3	L4	L5	ΦP	H
PL3-M3C	3	M3×0.5	3	12	15.5	16	9.5	7	8
PL3-M5C		M5×0.8	3.5	12	16	16	9.5	7	8
PL3-M6C		M6×1.0	4	12	16.5	16	9.5	7	8
PL4-M3C	4	M3×0.5	3	14.5	15.5	17	11	9	8
PL4-M5C		M5×0.8	3.5	14.5	16	17	11	9	8
PL4-M6C		M6×1.0	4	14.5	16.5	17	11	9	8
PL4-01C	6	R1/8	7.5	14.5	19.5	20	11	9	10
PL6-M5C		M5×0.8	3.5	16.5	16	18	11.5	11	8
PL6-M6C		M6×1.0	4	16.5	16.5	18	11.5	11	8
PL6-01C		R1/8	7.5	16.5	19.5	21	11.5	11	10

PLL MINI type Series



Model	ΦD	R	L1	L2	L3	L4	L5	ΦP	H
PLL3-M3C	3	M3×0.5	3	12	23.5	24	9.5	7	8
PLL3-M5C		M5×0.8	3.5	12	24	24	9.5	7	8
PLL3-M6C		M6×1.0	4	12	24.5	24	9.5	7	8
PLL4-M3C	4	M3×0.5	3	14.5	26	27.5	11	9	8
PLL4-M5C		M5×0.8	3.5	14.5	26.5	27.5	11	9	8
PLL4-M6C		M6×1.0	4	14.5	27	27.5	11	9	8
PLL4-01C	6	R1/8	7.5	14.5	30	30.5	11	9	10
PLL6-M5C		M5×0.8	3.5	16.5	28	30	11.5	11	8
PLL6-M6C		M6×1.0	4	16.5	28.5	30	11.5	11	8
PLL6-01C		R1/8	7.5	16.5	31.5	33	11.5	11	10

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PA12,
PA6

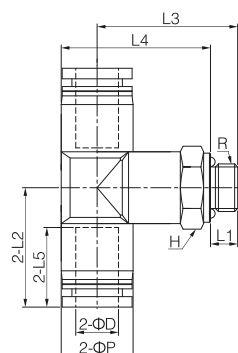
UN54D

Air Gun

Tracheal
Scissors

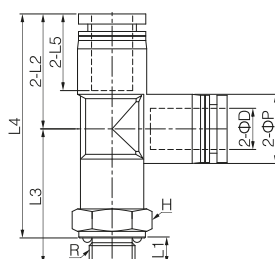
Silencers

PB MINI type Series



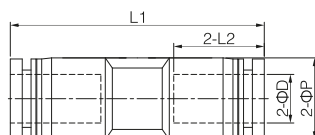
Model	ΦD	R	L1	L2	L3	L4	L5	ΦP	H
PB3-M3C	3	M3×0.5	3	12	15.5	16	9.5	7	8
PB3-M5C		M5×0.8	3.5	12	16	16	9.5	7	8
PB3-M6C		M6×1.0	4	12	16.5	16	9.5	7	8
PB4-M3C	4	M3×0.5	3	14.5	15.5	17	11	9	8
PB4-M5C		M5×0.8	3.5	14.5	16	17	11	9	8
PB4-M6C		M6×1.0	4	14.5	16.5	17	11	9	8
PB4-01C	6	R1/8	7.5	14.5	19.5	20	11	9	10
PB6-M5C		M5×0.8	3.5	16.5	16	18	11.5	11	8
PB6-M6C		M6×1.0	4	16.5	16.5	18	11.5	11	8
PB6-01C		R1/8	7.5	16.5	19.5	21	11.5	11	10

PD MINI type Series



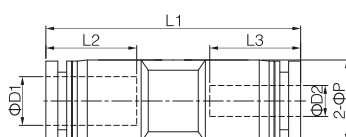
Model	ΦD	R	L1	L2	L3	L4	L5	ΦP	H
PD3-M3C	3	M3×0.5	3	12	15.5	28	9.5	7	8
PD3-M5C		M5×0.8	3.5	12	16	28	9.5	7	8
PD3-M6C		M6×1.0	4	12	16.5	28	9.5	7	8
PD4-M3C	4	M3×0.5	3	14.5	15.5	31.5	11	9	8
PD4-M5C		M5×0.8	3.5	14.5	16	31.5	11	9	8
PD4-M6C		M6×1.0	4	14.5	16.5	31.5	11	9	8
PD4-01C	6	R1/8	7.5	14.5	19.5	34.5	11	9	10
PD6-M5C		M5×0.8	4	16.5	16	34.5	11.5	11	8
PD6-M6C		M6×1.0	3.5	16.5	16.5	34.5	11.5	11	8
PD6-01C		R1/8	7.5	16.5	19.5	37.5	11.5	11	10

PU MINI type Series



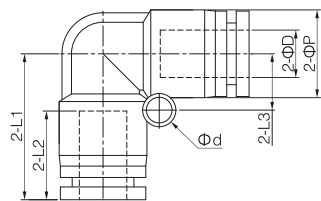
Model	ΦD	L1	L2	ΦP
PU3C	3	23.5	9.5	7
PU4C	4	27.5	11	9
PU6C	6	28	11.5	11

PG MINI type Series



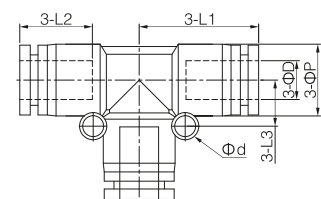
Model	ΦD1	ΦD2	L1	L2	L3	ΦP
PG4-3C	4	3	27.5	11	9.5	9
PG6-3C	6	3	28	11.5	9.5	11
PG6-4C	6	4	28	11.5	11	11

PV MINI type Series



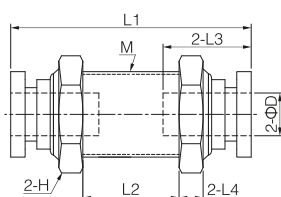
Model	ΦD	L1	L2	L3	ΦP	Φd
PV3C	3	12	5	9.5	7	3.2
PV4C	4	14.5	6	11	9	3.2
PV6C	6	16.5	6.5	11.5	11	3.2

PE MINI type Series



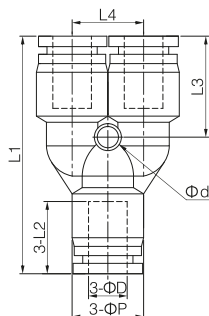
Model	ΦD	L1	L2	L3	ΦP	Φd
PE3C	3	12	5	9.5	7	3.2
PE4C	4	14.5	6	11	9	3.2
PE6C	6	16.5	6.5	11.5	11	3.2

PM MINI type Series



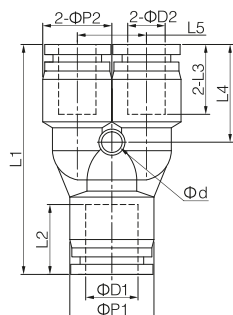
Model	ΦD	M	L1	L2	L3	L4	H
PM3C	3	M8×0.75	20.5	6	9.5	2.5	10
PM4C	4	M10×1.0	23	8	11	3	12
PM6C	6	M12×1.0	24	9	11.5	3.5	14

PY MINI type Series



Model	ΦD	L1	L2	L3	L4	ΦP	Φd
PY3C	3	27	7	9	12	7	3.2
PY4C	4	30	9	11	14	9.5	3.2
PY6C	6	33	11	11.5	15	11	3.2

PW MINI type Series



Model	ΦD1	ΦD2	L1	L2	L3	L4	L5	ΦP1	ΦP2	Φd
PW4-3C	4	3	27.5	12	7	11	9.5	9	7	3.2
PW6-3C	6	3	30	13.5	9	11.5	9.5	11	9	3.2
PW6-4C	6	4	30.5	14	9	11.5	11	11	9	3.2

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

Product feature

1. Machine swing parts, rotating parts of the pipe fittings.
2. Bearing is used in the rotary part, which can be used for fast swing part and high-speed rotation part.

Specifications

Using fluids	Air, water (conditional)
Working pressure range	0~1.0MPa
Use vacuum pressure	-100KPa (10Torr)
Working temperature range	0~60℃

Rotary joint allow rotational speed

Tube size	Allow rotational speed
4mm	500,r.p.m
6mm.1/4mm	500,r.p.m
8mm.5/16mm	400r.p.m
10mm.3/8mm	300r.p.m
12mm.1/2mm	250r.p.m

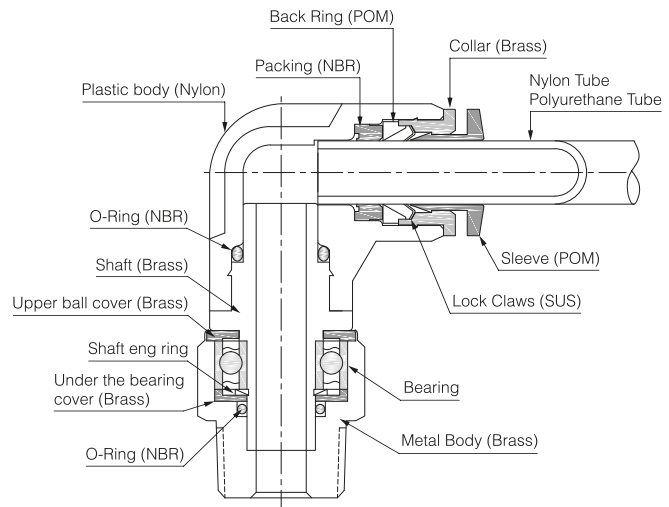
Ordering code (example)

RL 8 - 02

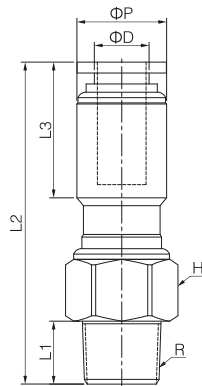
Model	Tube size						
	Tube size	Metric size					
	Code name	4	6	8	10	12	16
	Size (mm)	Φ4	Φ6	Φ8	Φ10	Φ12	Φ16

	55° taper pipe thread					Metric thread			55° straight pipe thread				
Code name	01	02	03	04	06	M3	M5	M6	G01	G02	G03	G04	G06
Thread	R1/8	R1/4	R3/8	R1/2	R3/4	M3×0.5	M5×0.8	M6×1.0	G1/8	G1/4	G3/8	G1/2	G3/4

Schematic diagram of structure



RC Series



Model	ΦD	R	L1	L2	L3	ΦP	H
RC4-M5	4	M5×0.8	3	34	16	10	12
RC4-M6		M6×1.0	4	35	16	10	12
RC4-01		R1/8	8	36.5	16	10	14
RC6-M5	6	M5×0.8	3	35.5	16	12	12
RC6-M6		M6×1.0	4	36.5	16	12	12
RC6-01		R1/8	8	38	16	12	14
RC6-02	8	R1/4	11	42	16	12	17
RC8-01		R1/8	8	41.5	18.5	14	14
RC8-02		R1/4	11	45.5	18.5	14	17
RC8-03	10	R3/8	12.5	48.5	18.5	14	21
RC10-02		R1/4	11	53	21	17	17
RC10-03		R3/8	12.5	56	21	17	21
RC10-04	12	R1/2	15	58.3	21	17	24
RC12-02		R1/4	11	58.3	23	20	17
RC12-03		R3/8	12.5	61.3	23	20	21
RC12-04	16	R1/2	15	63.6	23	20	24
RC16-04		R1/2	15	64.6	24	24	27
RC1/4-01	1/4	R1/8	8	38	16	12	14
RC1/4-02		R1/4	11	42	16	12	17
RC5/16-01		R1/8	8	41.5	18.5	14	14
RC5/16-02	5/16	R1/4	11	45.5	18.5	14	17
RC5/16-03		R3/8	12.5	48.5	18.5	14	21
RC3/8-02	3/8	R1/4	11	53	21	17	17
RC3/8-03		R3/8	12.5	56	21	17	21
RC3/8-04		R1/2	15	58.3	21	17	24
RC1/2-02	1/2	R1/4	11	58.3	23	20	17
RC1/2-03		R3/8	12.5	61.3	23	20	21
RC1/2-04		R1/2	15	63.6	23	20	24

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

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(ISO-B12)

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(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

Fittings,
Air Hose

Quick
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Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

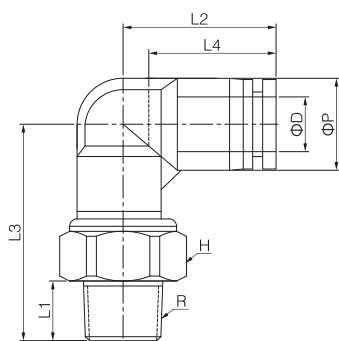
UN54D

Air Gun

Tracheal
Scissors

Silencers

RL Series



Model	ΦD	R	L1	L2	L3	L4	ΦP	H
RL4-M5	4	M5×0.8	3	18.5	27.8	16	11	12
RL4-M6		M6×1.0	4	18.5	28.8	16	11	12
RL4-01		R1/8	8	18.5	30.4	16	11	14
RL4-02		R1/4	11	18.5	34.4	16	11	17
RL6-M5	6	M5×0.8	3	19	28.8	16	13	12
RL6-M6		M6×1.0	4	19	29.8	16	13	12
RL6-01		R1/8	8	19	31.4	16	13	14
RL6-02		R1/4	11	19	35.4	16	13	17
RL8-01	8	R1/8	8	22.5	34.4	18.5	14.4	14
RL8-02		R1/4	11	22.5	37.9	18.5	14.4	17
RL8-03		R3/8	12.5	22.5	40.9	18.5	14.4	21
RL10-02	10	R1/4	11	27.5	41	20.5	18.4	17
RL10-03		R3/8	12.5	27.5	43.4	20.5	18.4	21
RL10-04		R1/2	15	27.5	45.7	20.5	18.4	24
RL12-02	12	R1/4	11	29	41.5	23	21	17
RL12-03		R3/8	12.5	29	43.9	23	21	21
RL12-04		R1/2	15	29	46.2	23	21	24
RL16-04	16	R1/2	15	32.5	57.6	24	26	27
RL1/4-01	1/4	R1/8	8	19	31.4	16	13	14
RL1/4-02		R1/4	11	19	35.4	16	13	17
RL5/16-01	5/16	R1/8	8	22.5	34.4	18.5	14.4	14
RL5/16-02		R1/4	11	22.5	37.9	18.5	14.4	17
RL5/16-03		R3/8	12.5	22.5	40.9	18.5	14.4	21
RL3/8-02	3/8	R1/4	11	27.5	41	20.5	18.4	17
RL3/8-03		R3/8	12.5	27.5	43.4	20.5	18.4	21
RL3/8-04		R1/2	15	27.5	45.7	20.5	18.4	24
RL1/2-02	1/2	R1/4	11	29	41.5	23	21	17
RL1/2-03		R3/8	12.5	29	43.7	23	21	21
RL1/2-04		R1/2	15	29	46.2	23	21	24

Product feature

1. Quick plug connector with cut-off valve function.
2. Due to the function of cutting off the flow, the air will not flow when the pipe is pulled out, and the air will flow when the pipe is connected.

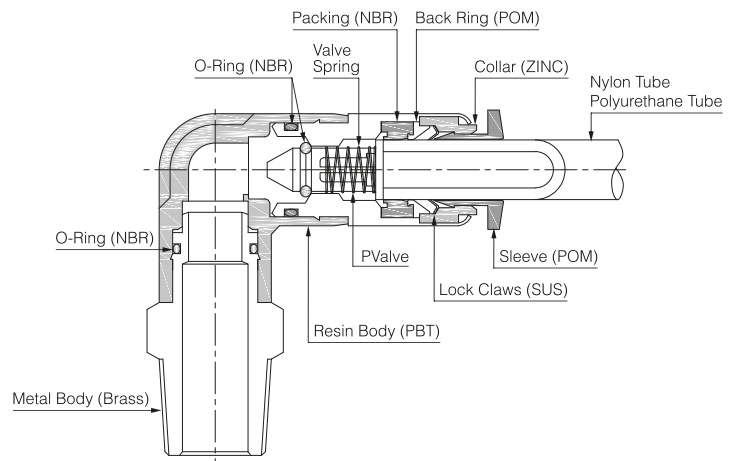
Specifications

Using fluids	Air, water (conditional)
Working pressure range	0~1.0MPa
Use vacuum pressure	-100KPa (10Torr)
Working temperature range	0~60℃

Symbol



Schematic diagram of structure



Ordering code (example)

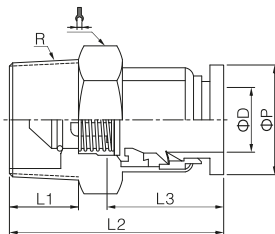
SPL 8 - 02

Model	Tube size	Metric size
Code name	4 6 8 10 12 16	
Size (mm)	Φ4 Φ6 Φ8 Φ10 Φ12 Φ16	

Thread specification

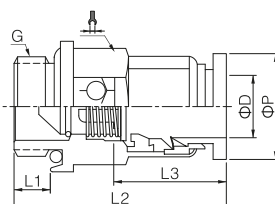
	55° taper pipe thread					Metric thread			55° straight pipe thread				
Code name	01	02	03	04	06	M3	M5	M6	G01	G02	G03	G04	G06
Thread	R1/8	R1/4	R3/8	R1/2	R3/4	M3×0.5	M5×0.8	M6×1.0	G1/8	G1/4	G3/8	G1/2	G3/4

SPC-R Series



Model	ΦD	R	L1	L2	L3	ΦP	
SPC4-M5	4	M5	3.5	31.5	15	10	10
SPC4-01		R1/8	7.5	24.5	15	10	10
SPC4-02		R1/4	10	24.5	15	10	14
SPC6-M5	6	M5	3.5	35	16	12	12
SPC6-01		R1/8	7.5	27.5	16	12	12
SPC6-02		R1/4	10	27.5	16	12	14
SPC8-01	8	R1/8	7.5	31.5	18.5	14	14
SPC8-02		R1/4	10	33.5	18.5	14	17
SPC8-03		R3/8	10.5	33.5	18.5	14	14
SPC8-04		R1/2	13.5	33.5	18.5	14	17
SPC10-02	10	R1/4	10	35	20	17	17
SPC10-03		R3/8	10.5	35	20	17	17
SPC10-04		R1/2	13.5	35	20	17	21
SPC12-03	12	R3/8	10.5	36.5	23	20.5	21
SPC12-04		R1/2	13.5	36.5	23	20.5	21

SPC-G Series



Model	ΦD	G	L1	L2	L3	ΦP	
SPC4-G01	4	G1/8	5.5	24.5	15	10	12
SPC4-G02		G1/4	6.5	24.5	15	10	12
SPC6-G01	6	G1/8	5.5	27.5	16	12	14
SPC6-G02		G1/4	6.5	27.5	16	12	14
SPC8-G01	8	G1/8	5.5	31.5	18.5	14	14
SPC8-G02		G1/4	6.5	33.5	18.5	14	14
SPC8-G03		G3/8	7	33.5	18.5	14	17
SPC8-G04		G1/2	10	33.5	18.5	14	19
SPC10-G02	10	G1/4	6.5	35	20	17	17
SPC10-G03		G3/8	7	35	20	17	20
SPC10-G04		G1/2	10	35	20	17	19
SPC12-G03	12	G3/8	7	36.5	23	20.5	21
SPC12-G04		G1/2	10	36.5	23	20.5	21

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KIS-O

KIS-PP

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

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(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

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(Mini Type)

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(EURO 7.6)

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(EURO 10.5)

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(ARO210)

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(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

Fittings,
Air Hose

Quick
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Mini Quick
Fittings

Rotary
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Stop
Fittings

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Controllers

Hand
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316L
Fittings

KIS-A
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Pipe
Fittings

Brass Ball
Valves

US98A,
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PA12,
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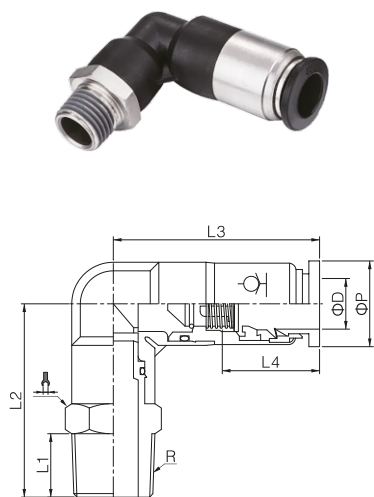
UN54D

Air Gun

Tracheal
Scissors

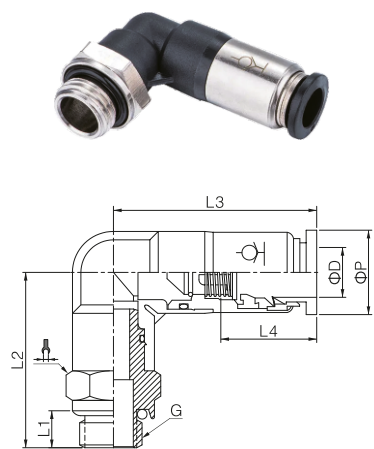
Silencers

SPL-R Series



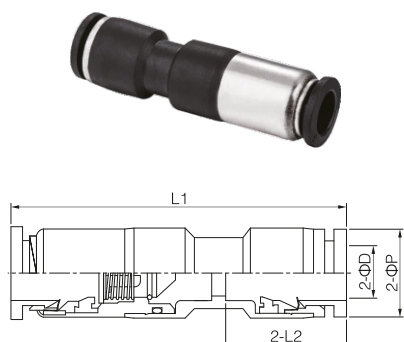
Model	ΦD	R	L1	L2	L3	L4	ΦP	
SPL4-M5	4	M5	3.5	18.5	31	15	10	10
SPL4-M6		M6	4	19	31	15	10	10
SPL4-01		R1/4	7.5	21.5	31	15	10	14
SPL6-M5	6	M5	3.5	19.5	32.5	16	12	12
SPL6-01		R1/8	7.5	22.5	32.5	16	12	12
SPL6-02		R1/4	10	25	32.5	16	12	14
SPL8-01	8	R1/8	7.5	25	39.5	18.5	14	14
SPL8-02		R1/4	10	27.5	39.5	18.5	14	17
SPL8-03		R3/8	10.5	28.5	39.5	18.5	14	14
SPL10-02	10	R1/4	10	30	45	20	17	17
SPL10-03		R3/8	10.5	30.5	45	20	17	17
SPL10-04		R1/2	13.5	34	45	20	17	21
SPL12-03	12	R3/8	10.5	31	46.5	23	20.5	21
SPL12-04		R1/2	13.5	34.5	46.5	23	20.5	21

SPL-G Series



Model	ΦD	G	L1	L2	L3	L4	ΦP	
SPL4-G01	4	G1/4	5.5	21	31	15	10	14
SPL6-G01	6	G1/8	5.5	22	32.5	16	12	14
SPL6-G02		G1/4	6.5	23	32.5	16	12	17
SPL8-G01	8	G1/8	5.5	24.5	39.5	18.5	14	14
SPL8-G02		G1/4	6.5	25.5	39.5	18.5	14	17
SPL8-G03		G3/8	7.5	27.5	39.5	18.5	14	20
SPL10-G02	10	G1/4	6.5	27.5	45	20	17	17
SPL10-G03		G3/8	7.5	29.5	45	20	17	20
SPL10-G04		G1/2	10.5	32	45	20	17	24
SPL12-G03	12	G3/8	7.5	30	46.5	23	20.5	20
SPL12-G04		G1/2	10	32.5	46.5	23	20.5	24

SPU Series



Model	ΦD	L1	L2	ΦP
SPU4	4	46	15	10.5
SPU6	6	48	16	13
SPU8	8	56	18.5	14
SPU10	10	61	20	18
SPU12	12	66	23	20.5

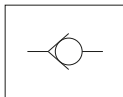
Product feature

1. If you input from one direction, the air will get through; if you input from the opposite direction, the air will not circulate.
2. It can ensure that the output side pressure does not change.

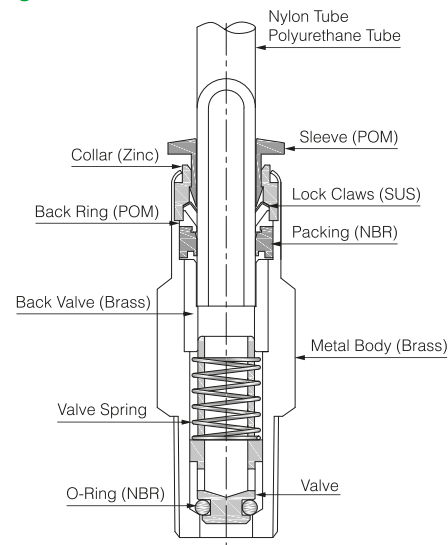
Specifications

Using fluids	Air, water (conditional)
Working pressure range	0~1.0MPa
Use vacuum pressure	-100KPa (10Torr)
Working temperature range	0~60℃

Symbol



Schematic diagram of structure



Control flow direction

CVPC/CVPF/CVPL	CVPC/CVPF/CVPL-B
Flow from male thread to pipe or female thread	Flow from pipe or female thread to male thread

Ordering code (example)

CVPC

Model

8

-

02

-

B

Tube size

Tube size	Metric size					
Code name	4	6	8	10	12	16
Size (mm)	Φ4	Φ6	Φ8	Φ10	Φ12	Φ16

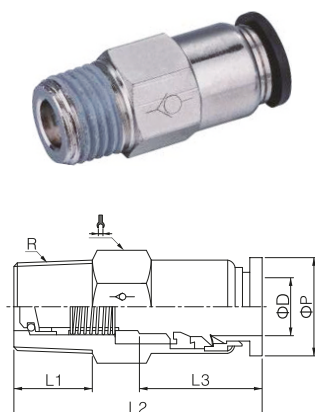
Air flow direction

Air flow direction	
Blank	Male thread flow to pipe (internal thread)
B	Pipe (female thread) flow to external thread

Thread specification

	55° taper pipe thread					Metric thread			55° straight pipe thread				
Code name	01	02	03	04	06	M3	M5	M6	G01	G02	G03	G04	G06
Thread	R1/8	R1/4	R3/8	R1/2	R3/4	M3×0.5	M5×0.8	M6×1.0	G1/8	G1/4	G3/8	G1/2	G3/4

CVPC-R Series



Model	ΦD	R	L1	L2	L3	ΦP	⌋
CVPC4-M5(B)	4	M5	3.5	18.5	15	10	12
CVPC4-M6(B)		M6	4	19	15	10	12
CVPC4-01(B)		R1/8	7.5	21	15	10	12
CVPC6-01(B)	6	R1/8	7.5	22	16	12	12
CVPC6-02(B)		R1/4	10	25	16	12	14
CVPC8-01(B)	8	R1/8	7.5	25	18	14	14
CVPC8-02(B)		R1/4	10	27.5	18	14	14
CVPC8-03(B)		R3/8	10.5	28.5	18	14	17
CVPC10-02(B)	10	R1/4	10	30	20	17	17
CVPC10-03(B)		R3/8	10.5	30.5	20	17	17
CVPC10-04(B)		R1/2	13.5	34	20	17	21
CVPC12-03(B)	12	R3/8	10.5	34	23	20	17
CVPC12-04(B)		R1/2	13.5	34.5	23	20	21

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

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Valves

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KIS-A
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(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

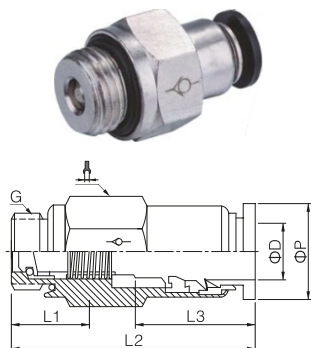
UN54D

Air Gun

Tracheal
Scissors

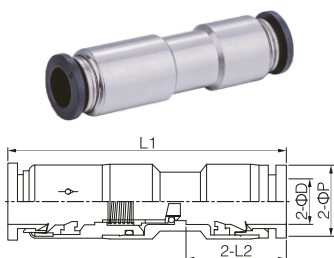
Silencers

CVPC-G Series



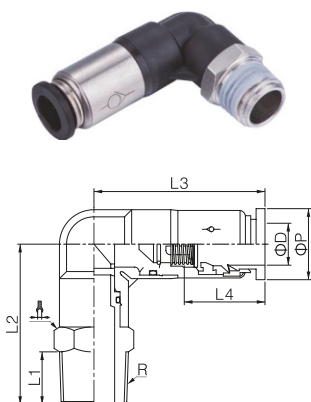
Model	ΦD	G	L1	L2	L3	ΦP	
CVPC4-G01(B)	4	G1/8	5.5	28	15	10	14
CVPC6-G01(B)	6	G1/8	5.5	30	16	12	14
CVPC6-G02(B)		G1/4	6.5	30	16	12	17
CVPC8-G01(B)	8	G1/8	5.5	33	18	14	14
CVPC8-G02(B)		G1/4	6.5	35	18	14	17
CVPC8-G03(B)		G3/8	7.5	35	18	14	20
CVPC10-G02(B)	10	G1/4	6.5	41	20	17	17
CVPC10-G03(B)		G3/8	7.5	41	20	17	20
CVPC10-G04(B)		G1/2	10	41	20	17	24
CVPC12-G03(B)	12	G3/8	7.5	44.5	23	20	20
CVPC12-G04(B)		G1/2	10	44.5	23	20	24

CVPU Series



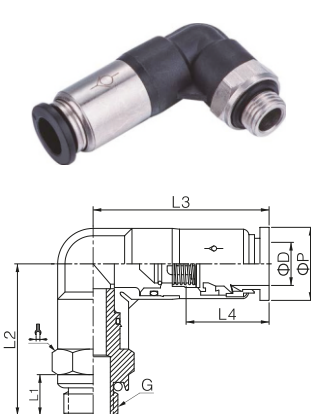
Model	ΦD	L1	L2	ΦP
CVPU4	4	43	15	10
CVPU6	6	46	16	12
CVPU8	8	53	18	14
CVPU10	10	61.5	20	17
CVPU12	12	67	23	20.5

CVPL-R Series



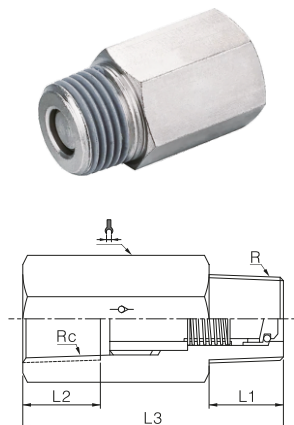
Model	ΦD	R	L1	L2	L3	L4	ΦP	
CVPL4-M5(B)	4	M5	3.5	18.5	35	15	10	12
CVPL4-M6(B)		M6	4	19	35	15	10	12
CVPL4-O1(B)		R1/8	7.5	21	35	15	10	12
CVPL6-O1(B)	6	R1/8	7.5	22	37	16	12	12
CVPL6-O2(B)		R1/4	10	25	37	16	12	14
CVPL8-O1(B)	8	R1/8	7.5	25	44	18	14	14
CVPL8-O2(B)		R1/4	10	27.5	44	18	14	14
CVPL8-O3(B)		R3/8	10.5	28.5	44	18	14	17
CVPL10-O2(B)	10	R1/4	10	30	53	20	17	17
CVPL10-O3(B)		R3/8	10.5	30.5	53	20	17	17
CVPL10-O4(B)		R1/2	13.5	34	53	20	17	21
CVPL12-O3(B)	12	R3/8	10.5	34	56.5	23	20	17
CVPL12-O4(B)		R1/2	13.5	34.5	56.5	23	20	21

CVPL-G Series



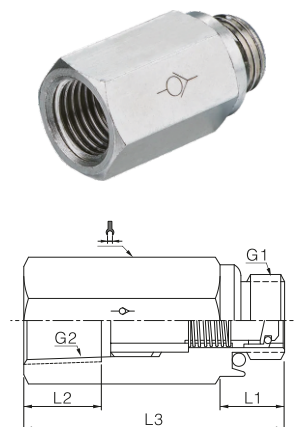
Model	ΦD	G	L1	L2	L3	L4	ΦP	
CVPL4-G01(B)	4	G1/8	5.5	21	35	15	10	14
CVPL6-G01(B)	6	G1/8	5.5	22	37	16	12	14
CVPL6-G02(B)		G1/4	6.5	23	37	16	12	17
CVPL8-G01(B)	8	G1/8	5.5	24.5	44	18	14	14
CVPL8-G02(B)		G1/4	6.5	25.5	44	18	14	17
CVPL8-G03(B)		G3/8	7.5	27.5	44	18	14	20
CVPL10-G02(B)	10	G1/4	6.5	27.5	53	20	17	17
CVPL10-G03(B)		G3/8	7.5	29.5	53	20	17	20
CVPL10-G04(B)		G1/2	10	32	53	20	17	24
CVPL12-G03(B)	12	G3/8	7.5	30	56.5	23	20	20
CVPL12-G04(B)		G1/2	10	32.5	56.5	23	20	24

CVPSF/CVPFS-R Series



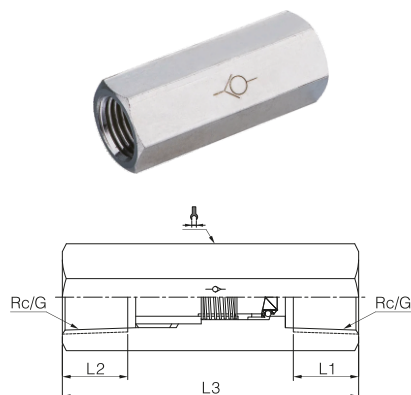
Model	R	Rc	L1	L2	L3	
From external thread to internal thread						
CVPSF 01-01	R1/8	Rc1/8	8	8	26.5	12
CVPSF 02-02	R1/4	Rc1/4	10	10	33.5	17
CVPSF 03-03	R3/8	Rc3/8	11	11	38	20
CVPSF 04-04	R1/2	Rc1/2	14	14	43	24
From internal thread to external thread						
CVPFS 01-01	R1/8	Rc1/8	8	8	26.5	12
CVPFS 02-02	R1/4	Rc1/4	10	10	33.5	17
CVPFS 03-03	R3/8	Rc3/8	11	11	38	20
CVPFS 04-04	R1/2	Rc1/2	14	14	43	24

CVPSF/CVPFS-G Series



Model	G1	G2	L1	L2	L3	
From external thread to internal thread						
CVPSF G01-G01	G1/8	G1/8	5.5	8	26.5	12
CVPSF G02-G02	G1/4	G1/4	6.5	10	33.5	17
CVPSF G03-G03	G3/8	G3/8	7.5	11	38	20
CVPSF G04-G04	G1/2	G1/2	10	14	43	24
From internal thread to external thread						
CVPFS G01-G01	G1/8	G1/8	5.5	8	26.5	12
CVPFS G02-G02	G1/4	G1/4	6.5	10	33.5	17
CVPFS G03-G03	G3/8	G3/8	7.5	11	38	20
CVPFS G04-G04	G1/2	G1/2	10	14	43	24

CVPFF Series



Model	Rc/G	L1/L2	L3	
CVPFF01-01	Rc1/8	8	35	12
CVPFF02-02	Rc1/4	10	44.5	17
CVPFF03-03	Rc3/8	11	50	20
CVPFF04-04	Rc1/2	14	57	24
CVPFFG01-G01	G1/8	8	35	12
CVPFFG02-G02	G1/4	10	44.5	17
CVPFFG03-G03	G3/8	11	50	20
CVPFFG04-G04	G1/2	14	57	24

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

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(ARO210)

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(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

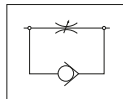
Product feature

1. Speed controller of the actuator.
2. Nickel plated copper body can prevent corrosion and pollution.
3. All R and NPT thread sealants act as seals.
4. Standard O-rings are used for all straight threads.

Specifications

Using fluids	Air, water (conditional)
Working pressure range	0~1.0MPa
Use vacuum pressure	-100KPa (10Torr)
Working temperature range	0~60℃

Symbol



Ordering code (example)

SC

Model

8

Tube size

01

Control method

B

Tube size	Metric size					
Code name	4	6	8	10	12	16
Size (mm)	Φ4	Φ6	Φ8	Φ10	Φ12	Φ16

Tube size	Metric size					
Code name	5/32	3/16	1/4	5/16	3/8	1/2
Size (mm)	Φ3.96	Φ4.76	Φ.35	Φ7.94	Φ9.53	Φ12.7

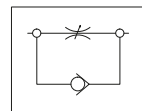
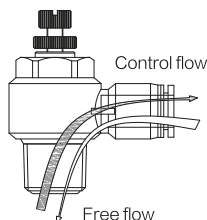
Thread specification

	55° taper pipe thread						Metric thread			55° straight pipe thread				
Code name	01	02	03	04	06		M3	M5	M6	G01	G02	G03	G04	G06
Thread	R1/8	R1/4	R3/8	R1/2	R3/4		M3×0.5	M5×0.8	M6×1.0	G1/8	G1/4	G3/8	G1/2	G3/4

	Unified fine thread/UNF					American 60° tapered pipe thread				
Code name	U10					N01	N02	N03	N04	N06
Thread	10-32UNF					NPT1/8	NPT1/4	NPT3/8	NPT1/2	NPT3/4

1. Exhaust throttle control

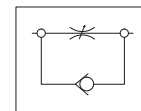
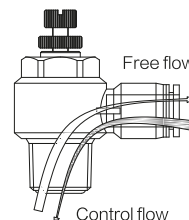
Control the air entering from the threaded end. The air entering from the joint end to the threaded end, or the outflow is not controlled.



Example: SC8-03

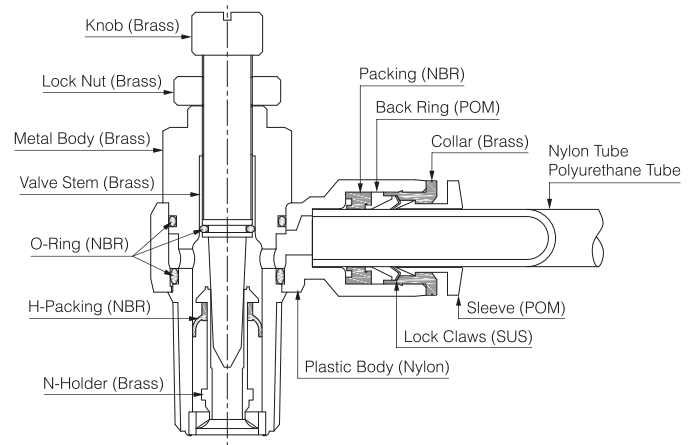
2. Intake throttle control

The air entering from the joint end is controlled, and the air entering from the threaded end and flowing out from the joint end are not controlled.

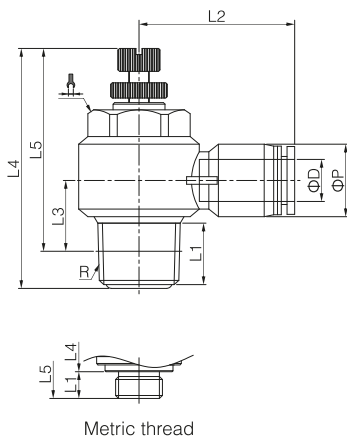


Example: SC8-03-B

Schematic diagram of structure



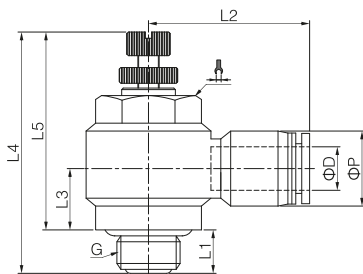
SC Series



Model	ΦD	R	L1	L2	L3	L4		L5		ΦP	
						MIN	MAX	MIN	MAX		
SC4-M3	4	M3×0.5	3	19.5	7.5	28.5	31.5	25.5	28.5	11	8
SC4-M5		M5×0.8	3.5	19.5	7.5	29	32	25.5	28.5	11	8
SC4-M6		M6×1.0	4	19.5	7.5	29.5	32.5	25.5	28.5	11	8
SC4-M3*		M3×0.5	3	19.5	11	32	35	29	32	11	8
SC4-M5*		M5×0.8	3.5	19.5	11	32.5	35.5	29	32	11	8
SC4-M6*		M6×1.0	4	19.5	11	33	36	29	32	11	8
SC4-01		R1/8	7.5	22.5	10.5	35	40	31	36	13	12
SC4-02		R1/4	10.5	24.5	12.5	41	46.5	35	40.5	13	14
SC6-M3	6	M3×0.5	3	21.5	8.5	28.5	31.5	25.5	28.5	13	8
SC6-M5		M5×0.8	3.5	21.5	8.5	29	32	25.5	28.5	13	8
SC6-M6		M6×1.0	4	21.5	8.5	29.5	32.5	25.5	28.5	13	8
SC6-M5*		M5×0.8	3.5	21.5	11	32.5	35.5	29	32	13	8
SC6-M6*		M6×1.0	4	21.5	11	33	36	29	32	13	8
SC6-01		R1/8	7.5	22.5	10.5	35	40	31	36	13	12
SC6-02		R1/4	10.5	24.5	12.5	41	46.5	35	40.5	13	14
SC6-03		R3/8	11.5	26.5	13.5	46.5	52	40	45.5	13	19
SC6-04		R1/2	15	32	18	54	60	46	52	14.5	24
SC8-M5*	8	M5×0.8	3.5	24.5	10	32.5	35.5	29	32	14.5	8
SC8-M6*		M6×1.0	4	24.5	10	33	36	29	32	14.5	8
SC8-01		R1/8	7.5	25	11.5	35	40	31	36	14.5	12
SC8-02		R1/4	10.5	28	13	41	46.5	35	40.5	14.5	14
SC8-03	10	R3/8	11.5	29	14.5	46.5	52	40	45.5	14.5	19
SC8-04		R1/2	15	32	18	54	60	46	52	14.5	24
SC10-01		R1/8	7.5	30.5	13.5	35	40	31	36	18.5	12
SC10-02		R1/4	10.5	32.5	15	41	46.5	35	40.5	18.5	14
SC10-03	12	R3/8	11.5	33	16.5	46.5	52	40	45.5	18.5	19
SC10-04		R1/2	15	36	18	54	60	46	52	18.5	24
SC12-01		R1/8	7.5	33	15	38	43	34	39	21	14
SC12-02		R1/4	10.5	33	16.5	41	46.5	35	40.5	21	14
SC12-03	14	R3/8	11.5	35	18	46.5	52	40	45.5	21	19
SC12-04		R1/2	15	36	19.5	54	60	46	52	21	24
SC14-04	14	R1/2	15	39	22	54	61	46	53	26	24
SC16-04	16	R1/2	15	39	22	54	61	46	43	26	24

Note: Those with * are throttle valves with larger flow rate

SC-G Series



Model	ΦD	G	L1	L2	L3	L4		L5		ΦP	
						MIN	MAX	MIN	MAX		
SC4-G01	4	G1/8	5.5	22.5	9	35	40	29.5	34.5	13	12
SC4-G02		G1/4	8.5	24.5	10	41	46.5	32.5	38	13	14
SC6-G01	6	G1/8	5.5	22.5	9	35	40	29.5	34.5	13	12
SC6-G02		G1/4	8.5	24.5	10	41	46.5	32.5	38	13	14
SC6-G03		G3/8	9.5	26.5	11	46.5	52	37	42.5	13	19
SC6-G04		G1/2	12	32	14.5	54	60	42	48	14.5	24
SC8-G01	8	G1/8	5.5	25	10	35	40	29.5	34.5	14.5	12
SC8-G02		G1/4	8.5	28	10.5	41	46.5	32.5	38	14.5	14
SC8-G03		G3/8	9.5	29	11.5	46.5	52	37	42.5	14.5	19
SC8-G04		G1/2	12	32	14.5	54	60	42	48	14.5	24
SC10-G01	10	G1/8	5.5	30.5	12	35	40	29.5	34.5	18.5	12
SC10-G02		G1/4	8.5	32.5	12.5	41	46.5	32.5	38	18.5	14
SC10-G03		G3/8	9.5	33	13.5	46.5	52	37	42.5	18.5	19
SC10-G04		G1/2	12	36	14.5	54	60	42	48	18.5	24
SC12-G02	12	G1/4	8.5	33	14	41	46.5	32.5	38	21	14
SC12-G03		G3/8	9.5	35	15	46.5	52	37	42.5	21	19
SC12-G04		G1/2	12	36	16	54	60	42	48	21	24
SC14-G04	14	G1/2	12	39	18	55	61	43	49	26	24
SC16-G04	16	G1/2	12	39	18	55	61	43	49	26	24

Fittings, Air Hose

Quick Fittings

Mini Quick Fittings

Rotary Joint

Stop Fittings

Check Valves

Speed Controllers

Hand Valves

Ball Valves

Air Control Valves

Push-IN Fittings

316L Fittings

KIS-A (ISO A)

KIS-B (ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310 (ISO-B6)

430 (ISO-B8)

550 (ISO-B12)

20 (Super Mini Type)

21 (Mini Type)

320 (EURO 7.6)

410 (EURO 10.5)

210 (ARO210)

19 (ASIA)

200 (ASIA)

Pipe Fittings

Brass Ball Valves

US98A, UE95A

UCS

PA12, PA6

UN54D

Air Gun

Tracheal Scissors

Silencers

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

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ST

TSP

310
(ISO-B6)

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Mini Type)

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(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

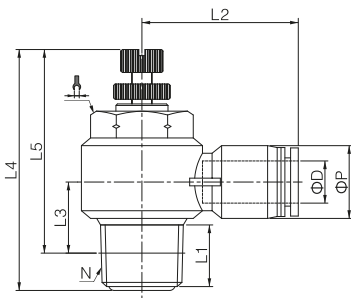
UN54D

Air Gun

Tracheal
Scissors

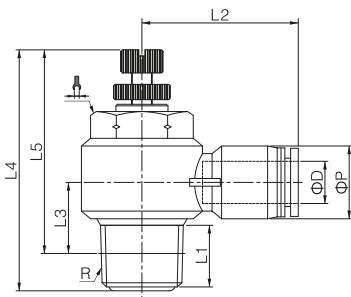
Silencers

SC-N Series



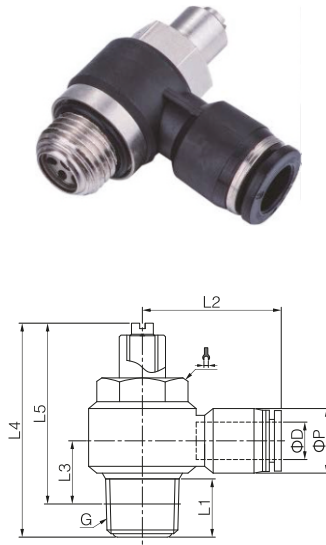
Model	ΦD	N	L1	L2	L3	L4		L5		ΦP	
						MIN	MAX	MIN	MAX		
SC5/32-U10	5/32	10-32UNF	3.5	19.5	7.5	29	32	25.5	28.5	11	8
SC5/32-N01		NPT1/8	7.5	22.5	10.5	35	40	31	36	13	12
SC5/32-N02		NPT1/4	10.5	24.5	12.5	41	46.5	35	40.5	13	14
SC1/4-U10	1/4	10-32UNF	3.5	21.5	8.5	29	32	25.5	28.5	13	8
SC1/4-N01		NPT1/8	7.5	22.5	10.5	35	40	31	36	13	12
SC1/4-N02		NPT1/4	10.5	24.5	12.5	41	46.5	35	40.5	13	14
SC1/4-N03	5/16	NPT3/8	11.5	26.5	14	16.5	52	40	45.5	13	19
SC5/16-N01		NPT1/8	7.5	25	11.5	35	40	31	36	14.5	12
SC5/16-N02		NPT1/4	10.5	28	13	41	46.5	35	40.5	14.5	14
SC5/16-N03		NPT3/8	11.5	29	14.5	46.5	52	40	45.5	14.5	19
SC5/16-N04	3/8	NPT1/2	15	32	18	54	60	46	52	14.5	24
SC3/8-N01		NPT1/8	7.5	30.5	13.5	35	40	31	36	18.5	12
SC3/8-N02		NPT1/4	10.5	32.5	15	41	46.5	35	40.5	18.5	14
SC3/8-N03		NPT3/8	11.5	33	16.5	46.5	52	40	45.5	18.5	19
SC3/8-N04	1/2	NPT1/2	15	36	18	54	60	46	52	18.5	24
SC1/2-N02		NPT1/4	10.5	33	16.5	41	46.5	35	40.5	21	14
SC1/2-N03		NPT3/8	11.5	35	18	46.5	52	40	45.5	21	19
PC1/2-N04		NPT1/2	15	36	19.5	54	60	46	52	21	24

SCDC-R Series



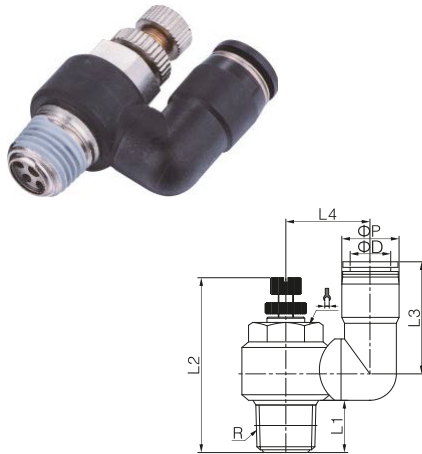
Model	ΦD	R	L1	L2	L3	L4		L5		ΦP	
						MIN	MAX	MIN	MAX		
SCDC4-M5	4	M5×0.8	3.5	19.5	7.5	23.5	24.5	20	21	11	8
SCDC4-01		R1/8	7.5	22.5	10	31.5	32.5	27.5	28.5	13	12
SCDC4-03		R1/4	10.5	24.5	12.5	38	39	32	33	13	14
SCDC6-M5	6	M5×0.8	3.5	21.5	8.5	23.5	24.5	20	21	13	8
SCDC6-01		R1/8	7.5	22.5	10	31.5	32.5	27.5	28.5	13	12
SCDC6-02		R1/4	10.5	24.5	12.5	38	39	32	33	13	14
SCDC6-03		R3/8	11.5	26.5	14	43	44	36.5	37.5	13	19
SCDC6-04	8	R1/2	15	32	18	50	51	42	43	14.5	24
SCDC8-01		R1/8	7.5	25	11.5	31.5	32.5	27.5	28.5	14.5	12
SCDC8-02		R1/4	10.5	28	13	38	39	32	33	14.5	14
SCDC8-03		R3/8	11.5	29	14.5	43	44	36.5	37.5	14.5	19
SCDC8-04	10	R1/2	15	32	18	50	51	42	43	14.5	24
SCDC10-01		R1/8	7.5	30.5	13.5	31.5	32.5	27.5	28.5	18.5	12
SCDC10-02		R1/4	10.5	32.5	15	38	39	32	33	18.5	14
SCDC10-03		R3/8	11.5	33	16.5	43	44	36.5	37.5	18.5	19
SCDC10-04	12	R1/2	15	36	18	50	51	42	43	18.5	24
SCDC12-02		R1/4	10.5	33	16.5	38	39	32	33	21	14
SCDC12-03		R3/8	11.5	35	18	43	44	36.5	37.5	21	19
SCDC12-04		R1/2	15	36	19.5	50	51	42	43	21	24

SCDC-G Series



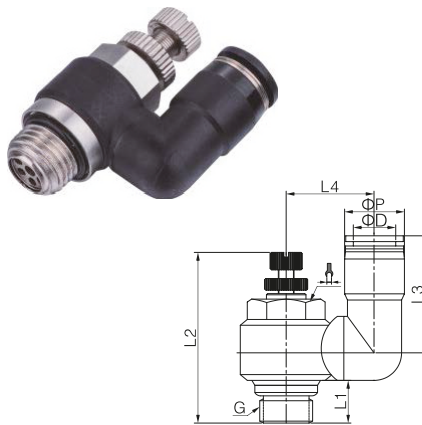
Model	ΦD	G	L1	L2	L3	L4		L5		ΦP	
						MIN	MAX	MIN	MAX		
SCDC4-G01	4	G1/8	5.5	22.5	10	31.5	32.5	26	27	13	12
SCDC4-G02		G1/4	8.5	24.5	12.5	38	39	29.5	30.5	13	14
SCDC6-G01	6	G1/8	5.5	22.5	10	31.5	32.5	26	27	13	12
SCDC6-G02		G1/4	8.5	24.5	12.5	38	39	29.5	30.5	13	14
SCDC6-G03		G3/8	9.5	26.5	14	43	44	33.5	34.5	13	19
SCDC6-G04	8	G1/2	12	32	18	50	51	38	39	14.5	24
SCDC8-G01		G1/8	5.5	25	11.5	31.5	32.5	26	27	14.5	12
SCDC8-G02		G1/4	8.5	28	13	38	39	29.5	30.5	14.5	14
SCDC8-G03		G3/8	9.5	29	14.5	43	44	33.5	34.5	14.5	19
SCDC8-G04	10	G1/2	12	32	18	50	51	38	39	14.5	24
SCDC10-G01		G1/8	5.5	30.5	13.5	31.5	32.5	26	27	18.5	12
SCDC10-G02		G1/4	8.5	32.5	15	38	39	29.5	30.5	18.5	14
SCDC10-G03		G3/8	9.5	33	16.5	43	44	33.5	34.5	18.5	19
SCDC10-G04	12	G1/2	12	36	18	50	51	38	39	18.5	24
SCDC12-G02		G1/4	8.5	33	16.5	38	39	29.5	30.5	21	14
SCDC12-G03		G3/8	9.5	35	18	43	44	33.5	34.5	21	19
SCDC12-G04		G1/2	12	36	19.5	50	51	38	39	21	24

SS-R Series



Model	ΦD	R	L1	L2		L3	L4	ΦP	
				MIN	MAX				
SS4-M5	4	M5	3.5	29	31.5	17	10	9	8
SS6-01	6	R1/8	7.5	35	41	18	13	11	12
SS6-02		R1/4	10.5	40.5	46	18	15	11	14
SS8-01	8	R1/8	7.5	35	41	25.5	15.5	14.5	12
SS8-02		R1/4	10.5	40.5	46	25.5	17	14.5	14
SS10-02	10	R1/4	10.5	40.5	46	27.5	20.5	18.5	14
SS10-03		R3/8	11.5	46.5	52	27.5	22	18.5	19
SS12-02	12	R1/4	10.5	40.5	46	29.5	22	21	14
SS12-03		R3/8	11.5	46.5	52	29.5	23	21	19

SS-G Series



Model	ΦD	G	L1	L2		L3	L4	ΦP	
				MIN	MAX				
SS6-G01	6	G1/8	5.5	35	41	18	13	11	12
SS6-G02		G1/4	8.5	40.5	46	18	15	11	14
SS8-G01	8	G1/8	5.5	35	41	25.5	15.5	14.5	12
SS8-G02		G1/4	8.5	40.5	46	25.5	17	14.5	14
SS10-G02	10	G1/4	8.5	40.5	46	27.5	20.5	18.5	14
SS10-G03		G3/8	9.5	46.5	52	27.5	22	18.5	19
SS12-G02	12	G1/4	8.5	40.5	46	29.5	22	21	14
SS12-G03		G3/8	9.5	46.5	52	29.5	23	21	19

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

**Speed
Controllers**

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

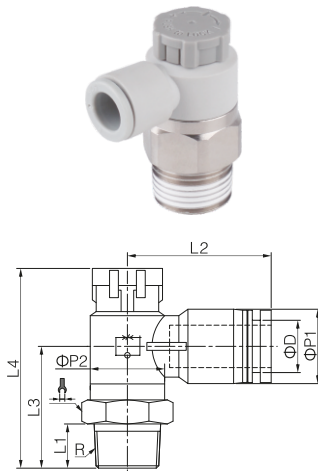
UN54D

Air Gun

Tracheal
Scissors

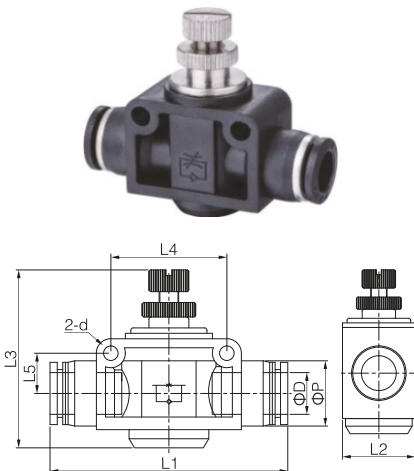
Silencers

ZSC Series



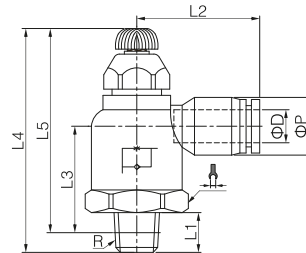
Model	ΦD	R	L1	L2	L3		L4	ΦP1	ΦP2	
					MIN	MAX				
ZSC4-M5	4	M5	3.5	16	28	29	19	9	9	9
ZSC4-01		R1/8	7.5	20	35.5	37	24.5	9	13	13
ZSC6-M5	6	M5	3.5	19.5	28	29	19	11	9	9
ZSC6-01		R1/8	7.5	22.5	35.5	37	24.5	13	13	13
ZSC6-02		R1/4	10	24	39	40.5	26.5	13	17	17
ZSC8-01	8	R1/8	7.5	24.5	35.5	37	24.5	14.5	13	13
ZSC8-02		R1/4	10	26	39	40.5	26.5	14.5	17	17
ZSC8-03		R3/8	11	26	42.5	44	29	14.5	19	19
ZSC10-02	10	R1/4	10	28	39	40.5	26.5	18.5	17	17
ZSC10-03		R3/8	11	29	42.5	44	29	18.5	19	19
ZSC10-04		R1/2	14	32	50.5	52	35.5	18.5	24	24
ZSC12-03	12	R3/8	11	29	42.5	44	29	21	19	19
ZSC12-04		R1/2	14	34	50.5	52	35.5	21	24	24

SCF Series



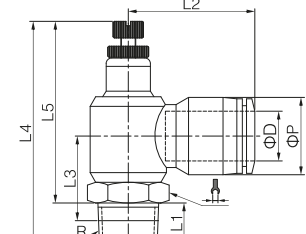
Model	ΦD	L1	L2	L3		L4	L5	ΦP	Φd
				MIN	MAX				
SCF4	4	40	11.5	27	29.5	14	6.5	11	3.2
SCF6	6	47	15	39	44.5	20	8.5	13	4.2
SCF8	8	52	18	42.5	47.5	22	9.5	14.5	4.2
SCF10	10	63.5	21	46.5	52.5	26	11	18.5	4.2
SCF12	12	74	28	54	59	32	14	21	4.2
SCF5/32	5/32	40	11.5	27	29.5	14	6.5	11	3.2
SCF3/16	3/16	40	11.5	27	29.5	14	6.5	11	3.2
SCF1/4	1/4	47	15	39	44.5	20	8.5	13	4.2
SCF5/16	5/16	52	18	42.5	47.5	22	9.5	14.5	4.2
SCF3/8	3/8	63.5	21	46.5	52.5	26	11	18.5	4.2
SCF1/2	1/2	74	28	54	59	32	14	21	4.2

DSC-I Series



Model	ΦD	R	L1	L2	L3	
DSC8-01-I	8	R1/8	8	27.5	20.5	
DSC8-02-I		R1/4	11	27.5	21.5	
DSC8-03-I		R3/8	11.5	27.5	21.5	
Model	L4		L5		ΦP	
	MIN	MAX	MIN	MAX		
DSC8-01-I	47.5	52	43.5	48	14.5	19
DSC8-02-I	50.5	55	44.5	49	14.5	19
DSC8-03-I	52	56.5	45.5	50	14.5	19

DSC-II Series



Model	ΦD	R	L1	L2	L3	
DSC8-01-II	8	R1/8	8	26.5	18	
DSC8-02-II		R1/4	11	26.5	19	
Model	L4		L5		ΦP	
	MIN	MAX	MIN	MAX		
DSC8-01-II	46.5	51.5	42.5	47.5	14.5	14
DSC8-02-II	49.5	54.5	43.5	48.5	14.5	14

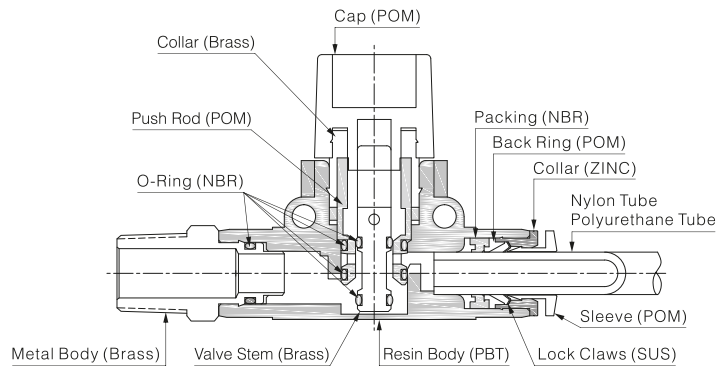
Product feature

1. Control the opening and closing of air pressure of pneumatic device.
2. When the valve is closed, the residual air pressure in the output end (equipment) will be automatically discharged to protect the pipeline and instrument of the equipment and ensure the safety during maintenance.

Specifications

Using fluids	Air, water (conditional)
Working pressure range	0~1.0MPa
Use vacuum pressure	-100KPa (10Torr)
Working temperature range	0~60°C

Schematic diagram of structure



Ordering code (example)

SC 8 — 01

Model Tube size Thread specification

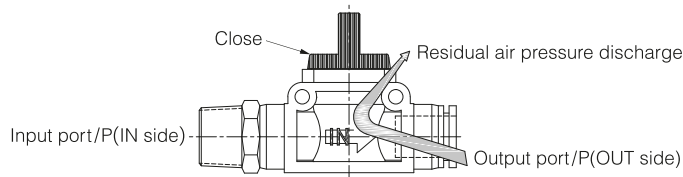
Tube size	Metric size					
Code name	4	6	8	10	12	16
Size (mm)	Φ4	Φ6	Φ8	Φ10	Φ12	Φ16

Tube size	Metric size					
Code name	5/32	3/16	1/4	5/16	3/8	1/2
Size (mm)	3.96	4.76	6.35	7.94	9.53	12.7

Thread specification

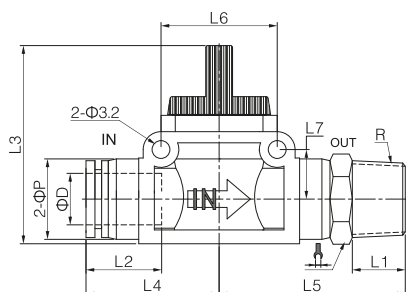
	55° taper pipe thread					Metric thread			55° straight pipe thread				
Code name	01	02	03	04	06	M3	M5	M6	G01	G02	G03	G04	G06
Thread	R1/8	R1/4	R3/8	R1/2	R3/4	M3x0.5	M5x0.8	M6x1.0	G1/8	G1/4	G3/8	G1/2	G3/4

	Unified fine thread/UNF		American 60° tapered pipe thread				
Code name	U10		N01	N02	N03	N04	N06
Thread	10-32UNF		NPT1/8	NPT1/4	NPT3/8	NPT1/2	NPT3/4



The so-called two position three-way, two position is only switch function, no flow regulation function. When the valve is closed, the residual air pressure in the output end (equipment) will be automatically discharged from the knob, so as to protect the pipeline and instrument of the equipment and ensure the safety during maintenance.

HVFS Series



Model	ΦD	R	L1	L2	L3	L4	L5	L6	L7	ΦP	⚙️
HVFS6-01	6	R1/8	8	16	37.5	26	34	18	18	14.5	12
HVFS6-02		R1/4	10	16	37.5	26	36.5	18	18	14.5	14
HVFS8-01	8	R1/8	8	18.5	37.5	27	34.5	18	18	14.5	14
HVFS8-02		R1/4	10	18.5	37.5	27	36.5	18	18	14.5	14
HVFS8-03		R3/8	11	18.5	37.5	27	37.5	18	18	14.5	17
HVFS10-02	10	R1/4	10	20	40.5	35	44	24	11	21	17
HVFS10-03		R3/8	11	20	40.5	35	45	24	11	21	17
HVFS10-04		R1/2	14	20	40.5	35	48.5	24	11	21	21
HVFS12-03	12	R3/8	11	23	40.5	34.5	45	24	11	21	17
HVFS12-04		R1/2	14	23	40.5	34.5	48.5	24	11	21	21
HVFS1/4-N01	1/4	NPT1/8	8	16	37.5	26	34	18	8	14.5	1/2
HVFS1/4-N02		NPT1/4	10	16	37.5	26	36.5	18	8	14.5	9/16
HVFS5/16-N01	5/16	NPT1/8	8	18.5	37.5	27	34.5	18	8	14.5	9/16
HVFS5/16-N02		NPT1/4	10	18.5	37.5	27	36.5	18	8	14.5	9/16
HVFS5/16-N03		NPT3/8	11	18.5	37.5	27	37.5	18	8	14.5	11/16
HVFS3/8-N02	3/8	NPT1/4	10	20	40.5	35	44	24	11	21	11/16
HVFS3/8-N03		NPT3/8	11	20	40.5	35	45	24	11	21	11/16
HVFS3/8-N04		NPT1/2	14	20	40.5	35	48.5	24	11	21	7/8
HVFS1/2-N03	1/2	NPT3/8	11	23	40.5	34.5	45	24	11	21	11/16
HVFS1/2-N04		NPT1/2	14	23	40.5	34.5	48.5	24	11	21	7/8

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
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(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

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Fittings

Brass Ball
Valves

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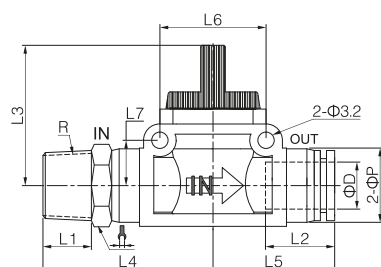
UN54D

Air Gun

Tracheal
Scissors

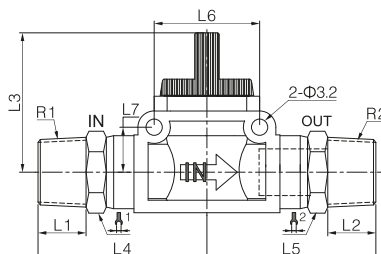
Silencers

HVSF Series



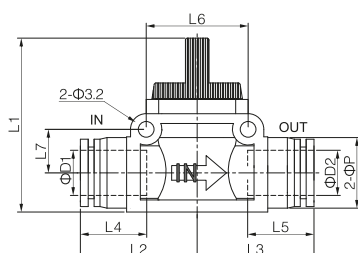
Model	ΦD	R	L1	L2	L3	L4	L5	L6	L7	ΦP	1
HVSF6-01	6	R1/8	8	16	37.5	34	26	18	8	14.5	12
HVSF6-02		R1/4	10	16	37.5	36.5	26	18	8	14.5	14
HVSF8-01	8	R1/8	8	18.5	37.5	34.5	27	18	8	14.5	14
HVSF8-02		R1/4	10	18.5	37.5	36.5	27	18	8	14.5	14
HVSF8-03		R3/8	11	18.5	37.5	37.5	27	18	8	14.5	17
HVSF10-02	10	R1/4	10	20	40.5	44	35	24	11	21	17
HVSF10-03		R3/8	11	20	40.5	45	35	24	11	21	17
HVSF10-04		R1/2	14	20	40.5	48.5	35	24	11	21	21
HVSF12-03	12	R3/8	11	23	40.4	45	34.5	24	11	21	17
HVSF12-04		R1/2	14	23	40.5	48.5	34.5	24	11	21	21
HVSF1/4-N01	1/4	NPT1/8	8	16	37.5	34	26	18	8	14.5	1/2
HVSF1/4-N02		NPT1/4	10	16	37.5	36.5	26	18	8	14.5	9/16
HVSF5/16-N01	5/16	NPT1/8	8	18.5	37.5	34.5	27	18	8	14.5	9/16
HVSF5/16-N02		NPT1/4	10	18.5	37.5	36.5	27	18	8	14.5	9/16
HVSF5/16-N03		NPT3/8	11	18.5	37.5	37.5	27	18	8	14.5	11/16
HVSF3/8-N02	3/8	NPT1/4	10	20	40.5	44	35	24	11	21	11/16
HVSF3/8-N03		NPT3/8	11	20	40.5	45	35	24	11	21	11/16
HVSF3/8-N04		NPT1/2	14	20	40.5	48.5	35	24	11	21	7/8
HVSF1/2-N03	1/2	NPT3/8	11	23	40.5	45	34.5	24	11	21	11/16
HVSF1/2-N04		NPT1/2	14	23	40.5	48.5	34.5	24	11	21	7/8

HVSS Series



Model	R1	R2	L1	L2	L3	L4	L5	L6	L7	1	2
HVSS01-01	R1/8	R1/8	8	8	37.5	34	34	18	8	12	12
HVSS02-01	R1/4	R1/8	10	8	37.5	36.5	34	18	8	14	12
HVSS02-02	R1/4	R1/4	10	10	37.5	36.5	36.5	18	8	14	14
HVSS03-02	R3/8	R1/4	11	10	40.5	45	44	24	11	17	17
HVSS03-03	R3/8	R3/8	11	11	40.5	45	45	24	11	17	17
HVSS04-03	R1/2	R3/8	14	11	40.5	48.5	45	24	11	21	17
HVSS04-04	R1/2	R1/2	14	14	40.5	48.5	48.5	24	11	21	21
HVSS01N-01N	NPT1/8	NPT1/8	8	8	37.5	34	34	18	8	12	12
HVSS02N-01N	NPT1/4	NPT1/8	10	8	37.5	36.5	34	18	8	14	12
HVSS02N-02N	NPT1/4	NPT1/4	10	10	37.5	36.5	46.5	18	8	14	14
HVSS03N-02N	NPT3/8	NPT1/4	11	10	40.5	45	44	24	11	17	17
HVSS03N-03N	NPT3/8	NPT3/8	11	11	40.5	45	45	24	11	17	17
HVSS04N-03N	NPT1/2	NPT3/8	14	11	40.5	48.5	45	24	11	21	17
HVSS04N-04N	NPT1/2	NPT1/2	14	14	40.5	48.5	48.5	24	11	21	21

HVFF Series

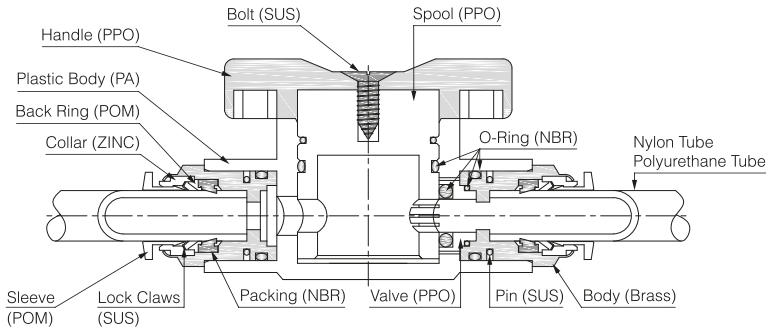


Model	ΦD1	ΦD2	L1	L2	L3	L4	L5	L6	L7	ΦP
HVFF6-6	6	6	37.5	26	26	16	16	18	8	14.5
HVFF8-6	8	6	37.5	27	26	18.5	16	18	8	14.5
HVFF8-8	8	8	37.5	27	27	18.5	18.5	18	8	14.5
HVFF10-8	10	8	40.5	35	34	20	18.5	24	11	21
HVFF10-10	10	10	40.5	35	35	20	20	24	11	21
HVFF12-10	12	10	40.5	34.5	35	23	20	24	11	21
HVFF12-12	12	12	40.5	34.5	34.5	23	23	24	11	21
HVFF1/4-1/4	1/4	1/4	37.5	26	26	16	16	18	8	14.5
HVFF5/16-1/4	5/16	1/4	37.5	27	26	18.5	16	18	8	14.5
HVFF5/16-5/16	5/16	5/16	37.5	27	27	18.5	18.5	18	8	14.5
HVFF3/8-5/16	3/8	5/16	40.5	35	34	20	18.5	24	11	21
HVFF3/8-3/8	3/8	3/8	40.5	35	35	20	20	24	11	21
HVFF1/2-3/8	1/2	3/8	40.5	34.5	35	23	20	24	11	21
HVFF1/2-1/2	1/2	1/2	40.5	34.5	34.5	23	23	24	11	21

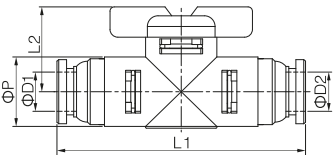
Product feature

Control the opening and closing of air pressure of pneumatic device.

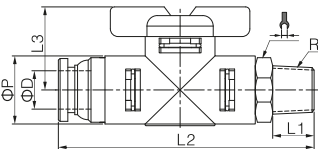
Schematic diagram of structure



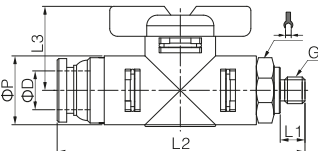
BVU Series

 	Model	ΦD1	ΦD2	L1	L2	ΦP
	BVU06	6	6	52	23	17
	BVU08	8	8	58	23	17
	BVU08-06	8	6	55	23	17

BVC Series

 	Model	ΦD	R	L1	L2	L3	ΦP	
	BVC06-01	6	R1/8	7.5	56	23	17	17
	BVC06-02	6	R1/4	9.5	58	23	17	17
	BVC06-03	6	R3/8	10.5	59	23	17	17
	BVC08-01	8	R1/8	7.5	59	23	17	17
	BVC08-02	8	R1/4	9.5	61	23	17	17
	BVC08-03	8	R3/8	10.5	62	23	17	17

BVC-G Series

 	Model	ΦD	G	L1	L2	L3	ΦP	
	BVC06-G01	6	G1/8	5.5	56	23	17	17
	BVC06-G02	6	G1/4	6.5	58.5	23	17	17
	BVC06-G03	6	G3/8	7.5	59	23	17	20
	BVC08-G01	8	G1/8	5.5	59	23	17	17
	BVC08-G02	8	G1/4	6.5	61.5	23	17	17
	BVC08-G03	8	G3/8	7.5	62	23	17	20

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSF

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Mini Type)

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(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
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Fittings

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Controllers

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(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

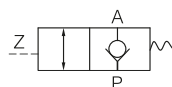
Tracheal
Scissors

Silencers

Product feature

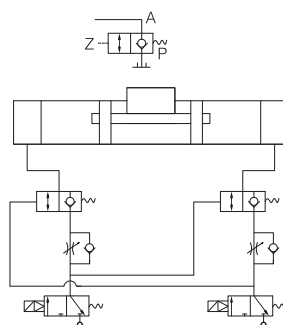
1. The pressure can be kept safe of return circuit.
2. Prevent the cylinder work itself after it goes out of work.
3. To make the cylinder stop accurately when the air was shut off.
4. Designed for the special application of air circuit.

Symbol

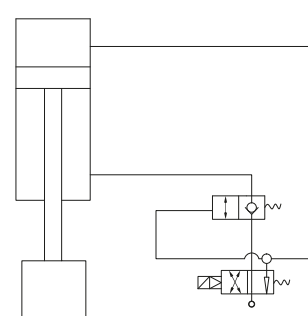


Schematic diagram of structure

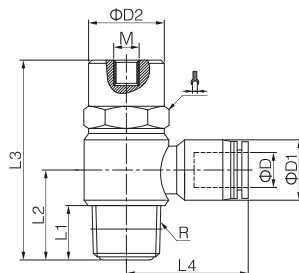
Precise positioning



Pressure retention

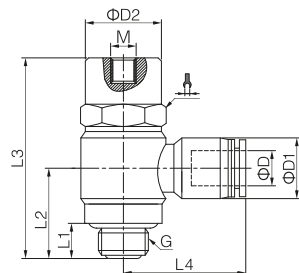


QKF Series



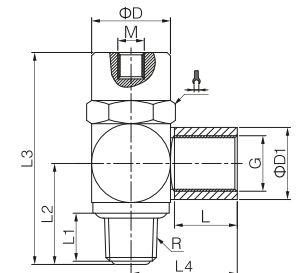
Model	Φ D	R	M	L1	L2	L3	L4	ΦD1	ΦD2	
QKF06-01	6	R1/8	M5	8	15	37	23	13.3	13	13
QKF06-02	6	R1/4	M5	13	20.3	43	25	13.3	17	17
QKF08-01	8	R3/8	M5	8	15.5	37	25.8	15	13	13
QKF08-02	8	R1/2	M5	13	21.3	43	28.9	15	17	17

QKF-G Series



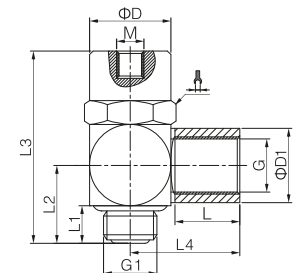
Model	Φ D	G	M	L1	L2	L3	L4	ΦD1	ΦD2	
QKF06-G01	6	G1/8	M5	5.5	15	37	23	13.3	13	13
QKF06-G02	6	G1/4	M5	8.5	18.3	43	25	13.3	17	17
QKF08-G01	8	G3/8	M5	5.5	15.8	37	25.8	15	13	13
QKF08-G02	8	G1/2	M5	8.5	19.3	43	28.9	15	17	17

QKF Series



Model	Φ D	G	R	M	L	L1	L2	L3	L4	ΦD1	
QKF G01-01	13	G1/8	R1/8	M5	8.5	8	15	37	17	13	13
QKF G02-02	17	G1/4	R1/4	M5	11	11	20.3	43	19.5	16	17
QKF G03-03	23.5	G3/8	R3/8	G3/8	18	10.5	34	93	32	26	24
QKF G04-04	23.5	G1/2	R1/2	G1/2	16	13.5	28.5	87.8	36	26	24

QKF Series



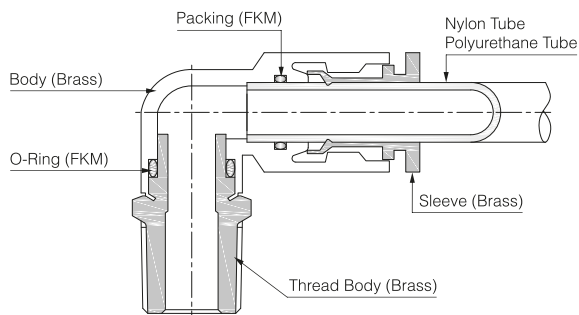
Model	Φ D	G	G1	M	L	L1	L2	L3	L4	ΦD1	
QKF-G01	13	G1/8	G1/8	M5	8.5	5.5	15	37	17	13	13
QKF-G02	17	G1/4	G1/4	M5	11	8.5	17.5	43	19.5	16	17
QKF-G03	23.5	G3/8	G3/8	G3/8	18	8.5	32.5	91.5	32	26	24
QKF-G04	23.5	G1/2	G1/2	G1/2	16	10	34	93	36	26	24

Product feature

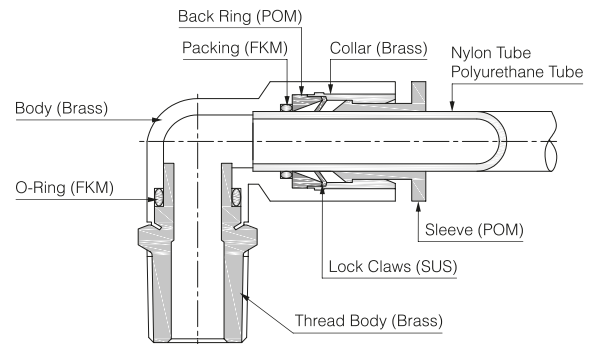
1. The main and auxiliary parts are pneumatic pipe joints made of copper.
2. The joint has excellent flame resistance, heat resistance and splash resistance.
3. When inserting and removing the pipe, press the button down, which can be easily inserted and removed without damaging the pipe.
4. After installation, the direction of connecting pipe can be adjusted only by rotating the connector body.

Schematic diagram of structure

I Type



II Type



Ordering code (example)

NPLT **8** **02** **B**

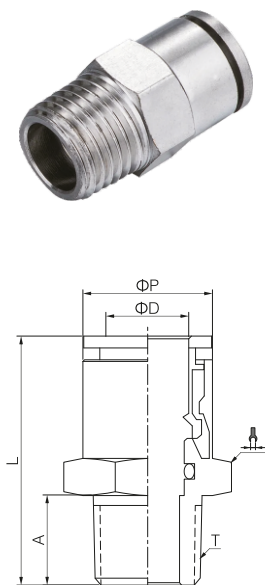
Model Tube size Thread specification A: The blank is type A precision joint
B: B is type B precision joint with spring type

Tube size	Metric size					
Code name	4	6	8	10	12	16
Size (mm)	Φ4	Φ6	Φ8	Φ10	Φ12	Φ16

	55° taper pipe thread						Metric thread			55° straight pipe thread					
Code name	01	02	03	04	06		M3	M5	M6	G01	G02	G03	G04	G06	
Thread	R1/8	R1/4	R3/8	R1/2	R3/4		M3×0.5	M5×0.8	M6×1.0	G1/8	G1/4	G3/8	G1/2	G3/4	

Note: NPT thread are available.

NPCT Series



Model	ΦD	T	A	L	ΦP	
NPCT04-M5	4	M5×0.8	3.5	23.5	10	10
NPCT04-01		R01	8	23	10	10
NPCT04-02		R02	10	23.5	10	14
NPCT06-M5	6	M5×0.8	3.5	24.2	12	12
NPCT06-01		R01	8	24.5	12	12
NPCT06-02		R02	10	24.7	12	14
NPCT08-01	8	R01	8	28.2	14	14
NPCT08-02		R02	10	27.2	14	14
NPCT08-03		R03	11	27.2	14	17
NPCT08-04		R04	14	27.2	14	21
NPCT010-01	10	R01	8	30.7	16	17
NPCT010-02		R02	10	31.2	16	17
NPCT010-03		R03	11	31.2	16	17
NPCT010-04		R04	14	31.2	16	21
NPCT012-02	12	R02	10	33.2	18	19
NPCT012-03		R03	11	32.2	18	19
NPCT012-04		R04	14	31.7	18	21
NPCT016-03	16	R03	11	37	22	22
NPCT016-04		R04	14	39	22	22

Fittings,
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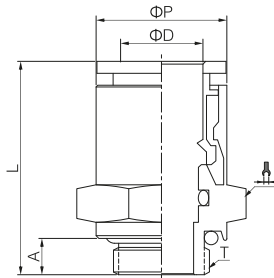
UN54D

Air Gun

Tracheal
Scissors

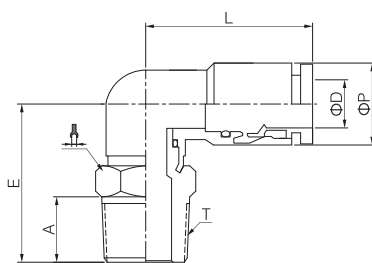
Silencers

NPCT-G Series



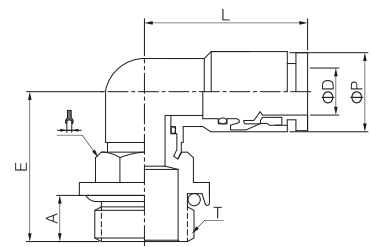
Model	ΦD	T	A	L	ΦP	
NPCT04-G01	4	G01	5.5	23	10	10
NPCT04-G02		G02	6.5	23	10	14
NPCT06-G01	6	G01	5.5	23.4	12	14
NPCT06-G02		G02	6.5	23.4	12	12
NPCT08-G01	8	G01	5.5	27.7	14	14
NPCT08-G02		G02	6.5	26.2	14	14
NPCT08-G03		G03	7.5	26.2	14	14
NPCT08-G04		G04	10	26.2	14	14
NPCT010-G01	10	G01	5.5	29.7	16	17
NPCT010-G02		G02	6.5	30.2	16	17
NPCT010-G03		G03	7.5	29.2	16	17
NPCT010-G04		G04	10	29.2	16	17
NPCT012-G02	12	G02	6.5	30.7	18	19
NPCT012-G03		G03	7.5	30.2	18	19
NPCT012-G04		G04	10	29.5	18	19
NPCT016-G03	16	G03	7.5	36.5	22	22
NPCT016-G04		G04	10	28.5	22	24

NPLT Series



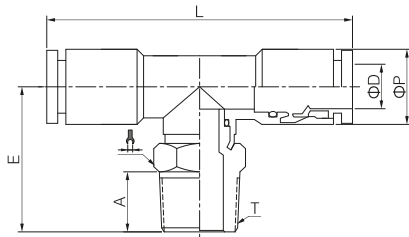
Model	ΦD	T	A	L	E	ΦP	
NPLT04-M5	4	M5×0.8	3.5	23.5	15.8	10	8
NPLT04-R01		R01	8	23.5	19.3	10	10
NPLT04-R02		R02	10	23.5	21.8	10	14
NPLT06-M5	6	M5×0.8	3.5	24.7	16.8	12	10
NPLT06-R01		R01	8	24.7	20.4	12	10
NPLT06-R02		R02	10	24.7	22.9	12	14
NPLT08-R01	8	R01	8	27.2	22.5	14	12
NPLT08-R02		R02	10	27.2	24.5	14	14
NPLT08-R03		R03	11	27.2	25.5	14	17
NPLT08-R04		R04	14	27.2	29	14	21
NPLT010-R01	10	R01	8	31.7	23.5	16	14
NPLT010-R02		R02	10	31.7	25.5	16	14
NPLT010-R03		R03	11	31.7	26.5	16	17
NPLT010-R04		R04	14	31.7	30	16	21
NPLT012-R02	12	R02	10	32.2	26.7	18	17
NPLT012-R03		R03	11	32.2	27.7	18	17
NPLT012-R04		R04	14	32.5	31.2	18	21
NPLT016-R03	16	R03	11	37	29.8	22	21
NPLT016-R04		R04	14	37	32.8	22	21

NPLT-G Series



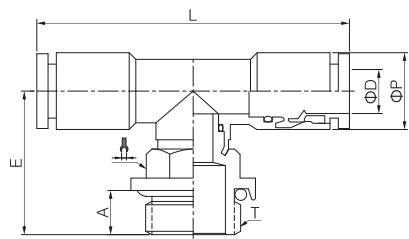
Model	ΦD	T	A	L	E	ΦP	
NPLT04-G01	4	G01	5.5	23.5	19.3	10	10
NPLT04-G02		G02	6.5	23.5	20.3	10	10
NPLT06-G01	6	G01	5.5	24.7	20.4	10	10
NPLT06-G02		G02	6.5	24.7	21.4	10	10
NPLT08-G01	8	G01	5.5	27.7	21	14	12
NPLT08-G02		G02	6.5	27.7	23	14	12
NPLT08-G03		G03	7.5	27.7	23.5	14	12
NPLT08-G04		G04	10	27.7	27.5	14	12
NPLT010-G01	10	G01	5.5	31.7	22	16	14
NPLT010-G02		G02	6.5	31.7	24	16	14
NPLT010-G03		G03	7.5	31.7	24.5	16	14
NPLT010-G04		G04	10	31.7	28.5	16	14
NPLT012-G02	12	G02	6.5	32.2	24.7	18	17
NPLT012-G03		G03	7.5	32.2	25.7	18	17
NPLT012-G04		G04	10	32.2	29.7	18	17
NPLT016-G03	16	G03	7.5	37	28.8	22	21
NPLT016-G04		G04	10	37	31.3	22	24

NPBT Series



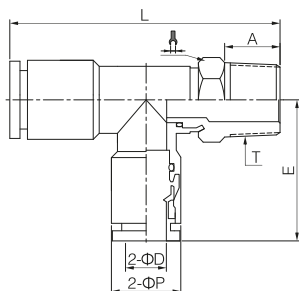
Model	ΦD	T	A	L	E	ΦP	
NPBT04-M5	4	M5×0.8	3.5	47	15.8	10	10
NPBT04-01		R01	8	47	19.3	10	10
NPBT04-02		R02	10	47	21.8	10	14
NPBT06-M5	6	M5×0.8	3.5	49.4	16.8	12	10
NPBT06-01		R01	8	49.4	20.4	12	10
NPBT06-02		R02	10	49.4	22.9	12	14
NPBT08-01	8	R01	8	55.4	22.5	14	12
NPBT08-02		R02	10	55.4	24.5	14	14
NPBT08-03		R03	11	55.4	25.5	14	17
NPBT08-04	10	R04	14	55.4	29	14	21
NPBT010-01		R01	8	63.4	23.5	16	14
NPBT010-02		R02	10	63.4	25.5	16	14
NPBT010-03		R03	11	63.4	26.5	16	17
NPBT010-04		R04	14	63.4	30	16	21
NPBT012-02	12	R02	10	64.4	26.7	18	17
NPBT012-03		R03	11	64.4	27.7	18	17
NPBT012-04		R04	14	64.4	31.2	18	21
NPBT016-03	16	R03	11	74	29.8	22	21
NPBT016-04		R04	14	74	32.8	22	21

NPBT-G Series



Model	ΦD	T	A	L	E	ΦP	
NPBT04-G01	4	G01	5.5	47	19.3	10	10
NPBT04-G02		G02	6.5	47	20.3	10	10
NPBT06-G01	6	G01	5.5	49.4	20.4	12	10
NPBT06-G02		G02	6.5	49.4	21.4	12	10
NPBT08-G01	8	G01	5.5	55.4	21	14	12
NPBT08-G02		G02	6.5	55.4	23	14	12
NPBT08-G03		G03	7.5	55.4	23.5	14	12
NPBT08-G04		G04	10	55.4	27.5	14	12
NPBT010-G01	10	G01	5.5	63.4	22	16	14
NPBT010-G02		G02	6.5	63.4	24	16	14
NPBT010-G03		G03	7.5	63.4	24.5	16	14
NPBT010-G04		G04	10	63.4	28.5	16	14
NPBT012-G02	12	G02	6.5	64.4	24.7	18	17
NPBT012-G03		G03	7.5	64.4	25.7	18	17
NPBT012-G04		G04	10	64.4	29.7	18	17
NPBT016-G03	16	R03	7.5	74	28.8	22	21
NPBT016-G04		R04	10	74	31.3	22	24

NPDT Series



Model	ΦD	T	A	L	E	ΦP	
NPDT04-M5	4	M5×0.8	3.5	39.3	23.5	10	8
NPDT04-01		R01	8	42.8	23.5	10	10
NPDT04-02		R02	10	45.2	23.5	10	14
NPDT06-M5	6	M5×0.8	3.5	41.5	24.7	12	10
NPDT06-01		R01	8	45.1	24.7	12	10
NPDT06-02		R02	10	47.6	24.7	12	14
NPDT08-01	8	R01	8	50.2	27.7	14	12
NPDT08-02		R02	10	52.2	27.7	14	14
NPDT08-03		R03	11	53.2	27.7	14	17
NPDT08-04		R04	14	56.7	27.7	14	21
NPDT010-01	10	R01	8	55.2	31.7	16	14
NPDT010-02		R02	10	57.2	31.7	16	14
NPDT010-03		R03	11	58.2	31.7	16	17
NPDT010-04		R04	14	61.7	31.7	16	21
NPDT012-02	12	R02	10	58.9	32.2	18	17
NPDT012-03		R03	11	59.9	32.2	18	17
NPDT012-04		R04	14	63.4	32.2	18	21
NPDT016-03	16	R03	11	66.8	37	22	21
NPDT016-04		R04	14	69.8	37	22	21

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
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KIS-O

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320
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210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

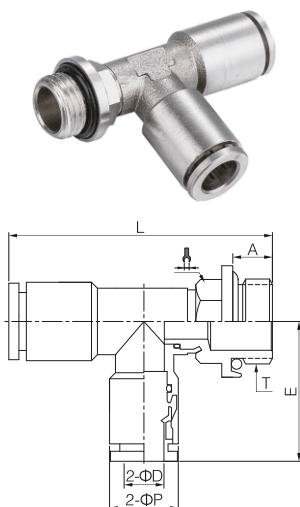
UN54D

Air Gun

Tracheal
Scissors

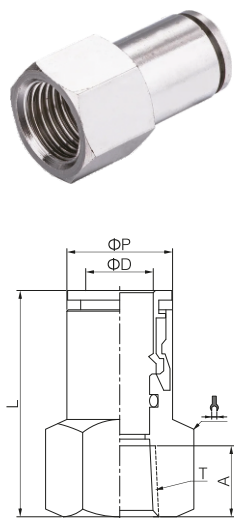
Silencers

NPDT-G Series



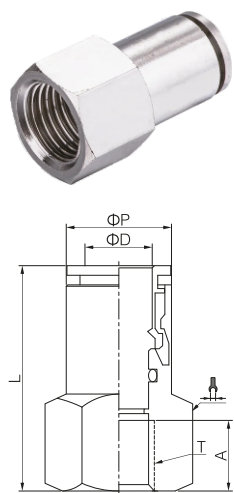
Model	ΦD	T	A	L	E	ΦP	
NPDT04-G01	4	G01	5.5	42.8	23.5	10	10
NPDT04-G02		G02	6.5	43.8	23.5	10	10
NPDT06-G01	6	G01	5.5	45.1	24.7	12	10
NPDT06-G02		G02	6.5	46.1	24.7	12	10
NPDT08-G01	8	G01	5.5	48.7	27.4	14	12
NPDT08-G02		G02	6.5	50.7	27.4	14	12
NPDT08-G03		G03	7.5	51.2	27.4	14	12
NPDT08-G04		G04	10	55.2	27.4	14	12
NPDT010-G01	10	G01	5.5	53.7	31.7	16	14
NPDT010-G02		G02	6.5	55.7	31.7	16	14
NPDT010-G03		G03	7.5	56.2	31.7	16	14
NPDT010-G04		G04	10	60.2	31.7	16	14
NPDT012-G02	12	G02	6.5	56.9	32.2	18	17
NPDT012-G03		G03	7.5	57.9	32.2	18	17
NPDT012-G04		G04	10	61.9	32.2	18	17
NPDT016-G03	16	G03	7.5	65.8	37	22	21
NPDT016-G04		G04	10	68.3	37	22	24

NPCFT Series



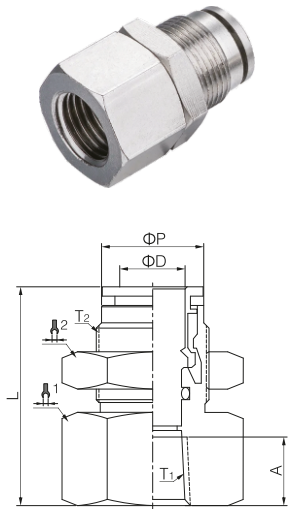
Model	ΦD	T	A	L	ΦP	
NPCFT04-M5	4	M5×0.8	5	24.5	10	10
NPCFT04-R01		R01	8	27.5	10	14
NPCFT04-R02		R02	10	30	10	17
NPCFT06-M5	6	M5×0.8	5	24.7	12	12
NPCFT06-R01		R01	8	28.2	12	14
NPCFT06-R02		R02	10	30.7	12	17
NPCFT08-R01	8	R01	8	28.7	14	14
NPCFT08-R02		R02	10	31.5	14	17
NPCFT08-R03		R03	11	32.5	14	20
NPCFT08-R04		R04	14	34.5	14	24
NPCFT010-R01	10	R01	8	29.7	16	17
NPCFT010-R02		R02	10	33.2	16	17
NPCFT010-R03		R03	11	34.2	16	20
NPCFT010-R04		R04	14	36.2	16	24
NPCFT012-R02	12	R02	10	33.7	18	19
NPCFT012-R03		R03	11	34.7	18	20
NPCFT012-R04		R04	14	36.7	18	24
NPCFT016-R03	16	R03	11	39	22	22
NPCFT016-R04		R04	14	42	22	24

NPCFT-G Series



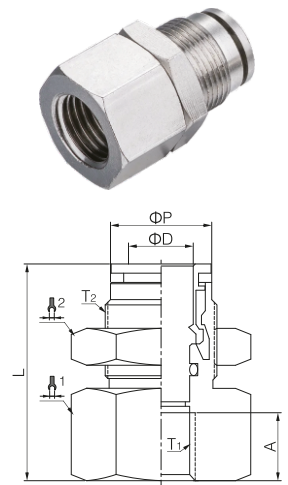
Model	ΦD	T	A	L	ΦP	
NPCFT04-G01	4	G01	8	27.5	10	14
NPCFT04-G02		G02	10	30	10	17
NPCFT06-G01	6	G01	8	28.2	12	14
NPCFT06-G02		G02	10	30.7	12	17
NPCFT08-G01	8	G01	8	28.7	14	14
NPCFT08-G02		G02	10	31.5	14	17
NPCFT08-G03		G03	11	32.5	14	20
NPCFT08-G04		G04	14	34.5	14	24
NPCFT010-G01	10	G01	8	29.7	16	17
NPCFT010-G02		G02	10	33.2	16	17
NPCFT010-G03		G03	11	34.2	16	20
NPCFT010-G04		G04	14	36.2	16	24
NPCFT012-G02	12	G02	10	33.7	18	19
NPCFT012-G03		G03	11	34.7	18	20
NPCFT012-G04		G04	14	36.7	18	24
NPCFT016-G03	16	G03	11	39	22	22
NPCFT016-G04		G04	14	42	22	24

NPMFT Series



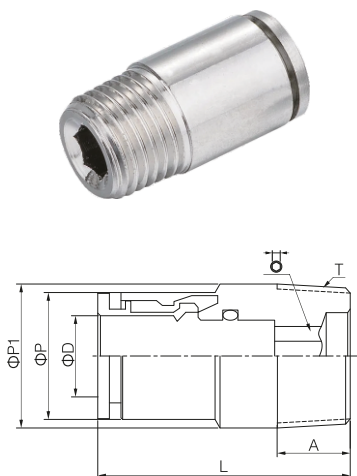
Model	ΦD	T1	T2	A	L	ΦP	1	2
NPMFT04-M5	4	M5×0.8	M12×1.0	5	24.5	10	14	14
NPMFT04-01		R01	M12×1.0	8	27.5	10	14	14
NPMFT04-02		R02	M12×1.0	10	30	10	17	14
NPMFT06-M5	6	M5×0.8	M14×1.0	5	24.7	12	17	17
NPMFT06-01		R01	M14×1.0	8	28.2	12	17	17
NPMFT06-02		R02	M14×1.0	10	30.7	12	17	17
NPMFT08-01	8	R01	M16×1.0	8	28.7	14	19	19
NPMFT08-02		R02	M16×1.0	10	31.5	14	19	19
NPMFT08-03		R03	M16×1.0	11	32.5	14	20	19
NPMFT08-04		R04	M16×1.0	14	34.5	14	24	19
NPMFT010-01	10	R01	M18×1.0	8	29.7	16	21	21
NPMFT010-02		R02	M18×1.0	10	33.2	16	21	21
NPMFT010-03		R03	M18×1.0	11	34.2	16	21	21
NPMFT010-04		R04	M18×1.0	14	36.2	16	24	21
NPMFT012-02	12	R02	M20×1.0	10	33.7	18	24	24
NPMFT012-03		R03	M20×1.0	11	34.7	18	24	24
NPMFT012-04		R04	M20×1.0	14	36.7	18	24	24

NPMFT-G Series



Model	ΦD	T1	T2	A	L	ΦP	1	2
NPMFT04-G01	4	G01	M12×1.0	8	27.5	10	14	14
NPMFT04-G02		G02	M12×1.0	10	30	10	17	14
NPMFT06-G01	6	G01	M14×1.0	8	28.2	12	17	17
NPMFT06-G02		G02	M14×1.0	10	30.7	12	17	17
NPMFT08-G01	8	G01	M16×1.0	8	28.7	14	19	19
NPMFT08-G02		G02	M16×1.0	10	31.5	14	19	19
NPMFT08-G03		G03	M16×1.0	11	32.5	14	20	19
NPMFT08-G04		G04	M16×1.0	14	34.5	14	24	19
NPMFT010-G01	10	G01	M18×1.0	8	29.7	16	21	21
NPMFT010-G02		G02	M18×1.0	10	33.2	16	21	21
NPMFT010-G03		G03	M18×1.0	11	34.2	16	21	21
NPMFT010-G04		G04	M18×1.0	14	36.2	16	24	21
NPMFT012-G02	12	G02	M20×1.0	10	33.7	18	24	24
NPMFT012-G03		G03	M20×1.0	11	34.7	18	24	24
NPMFT012-G04		G04	M20×1.0	14	36.7	18	24	24

NPOCT Series



Model	ΦD	T	A	L	ΦP1	ΦP2	OI
NPOCT04-M5	4	M5×0.8	3.5	23.5	10	10	2
NPOCT04-01		R01	8	23	10	10	3
NPOCT04-02		R02	10	23	13.4	10	3
NPOCT06-M5	6	M5×0.8	3.5	24.2	12	12	2
NPOCT06-01		R01	8	24.5	12	12	5
NPOCT06-02		R02	10	24.7	13.4	12	5
NPOCT08-01	8	R01	8	28.2	14	14	5
NPOCT08-02		R02	10	27.2	14	14	6
NPOCT08-03		R03	11	27.2	17	14	6
NPOCT08-04		R04	14	27.2	21	14	6
NPOCT010-01	10	R01	8	30.7	16	16	5
NPOCT010-02		R02	10	31.2	16	16	6
NPOCT010-03		R03	11	31.2	17	16	8
NPOCT010-04		R04	14	31.2	21	16	8
NPOCT012-02	12	R02	10	33.2	18	18	6
NPOCT012-03		R03	11	32.2	18	18	8
NPOCT012-04		R04	14	31.7	21	18	8

Note: there are Inch size 5/32, 1/4, 5/16, 3/8, 1/2 completed series products.

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

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Fittings

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Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

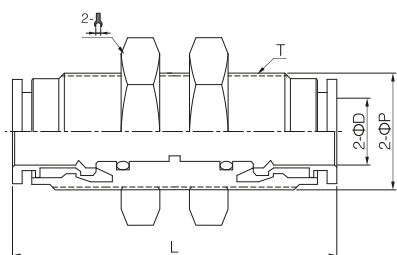
UN54D

Air Gun

Tracheal
Scissors

Silencers

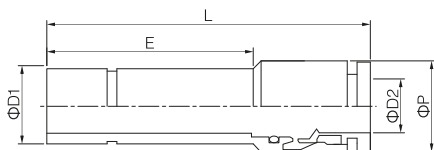
NPMT Series



Model	ΦD	T	L	ΦP	
NPMT04	4	M12×1.0	37.6	10	14
NPMT06	6	M14×1.0	38.4	12	17
NPMT08	8	M16×1.0	40.4	14	19
NPMT10	10	M18×1.0	44	16	21
NPMT12	12	M20×1.0	45	18	24
NPMT16	16	M24×1.0	55	22	30

Note: there are Inch size 5/32, 1/4, 5/16, 3/8, 1/2 completed series products.

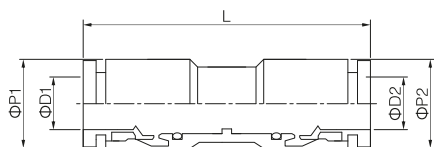
NPGJT Series



Model	ΦD1	ΦD2	L	E	ΦP
NPGJT06-04	6	4	35	21	10
NPGJT08-06	8	6	36	22	12
NPGJT10-08	10	8	41	23	14
NPGJT12-10	12	10	44	25	16

Note: there are Inch size 5/32, 1/4, 5/16, 3/8, 1/2 completed series products.

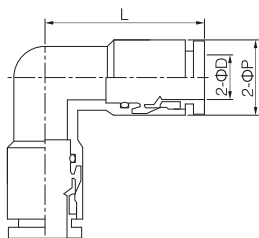
NPUT Series



Model	ΦD1	ΦD2	L	ΦP1	ΦP2
NPUT04	4	4	37.6	10	10
NPUT06	6	6	38.4	12	12
NPUT08	8	8	40.4	14	14
NPUT10	10	10	44	16	16
NPUT12	12	12	45	18	18
NPUT16	16	16	55	22	22
NPUT06-04	6	4	38	12	10
NPUT08-06	8	6	39.4	14	12
NPUT10-08	10	8	42.2	16	14
NPUT12-10	12	10	44.5	18	16

Note: there are Inch size 5/32, 1/4, 5/16, 3/8, 1/2 completed series products.

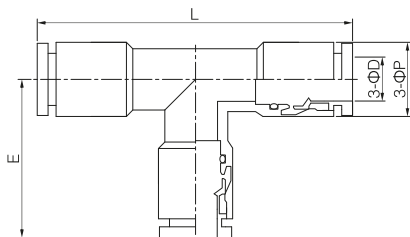
NPVT Series



Model	ΦD	L	ΦP
NPVT04	4	23.5	10
NPVT06	6	24.7	12
NPVT08	8	27.7	14
NPVT10	10	31.7	16
NPVT12	12	32.2	18
NPVT16	16	37	22

Note: there are Inch size 5/32, 1/4, 5/16, 3/8, 1/2 completed series products.

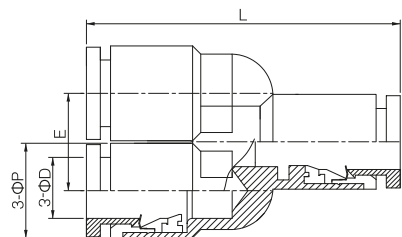
NPET Series



Model	ΦD	L	E	ΦP
NPET04	4	47	23.5	10
NPET06	6	49.4	24.7	12
NPET08	8	55.4	27.7	14
NPET10	10	63.4	31.7	16
NPET12	12	64.4	32.2	18
NPET16	16	74	37	22

Note: there are Inch size 5/32, 1/4, 5/16, 3/8, 1/2 completed series products.

NPYT Series



Model	ΦD	L	E	ΦP
NPYT04	4	42	10	10
NPYT06	6	44.2	12	12
NPYT08	8	49.7	14	14
NPYT10	10	56.3	16	16
NPYT12	12	56.4	18	18

Note: there are Inch size 5/32, 1/4, 5/16, 3/8, 1/2 completed series products.

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

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(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

Fittings,
Air Hose

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Mini Quick
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(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

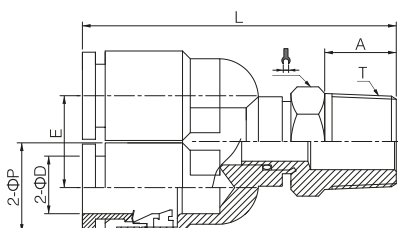
UN54D

Air Gun

Tracheal
Scissors

Silencers

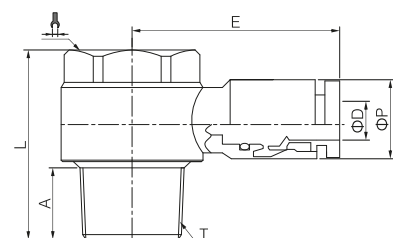
NPWT Series



Model	ΦD	T	A	L	E	ΦP	
NPWT04-M5	4	M5×0.8	3.5	38	10	10	10
NPWT04-01		R01	8	41	10	10	10
NPWT04-02		R02	10	43.5	10	10	14
NPWT06-M5	6	M5×0.8	3.5	41	12	12	10
NPWT06-01		R01	8	44	12	12	10
NPWT06-02		R02	10	46.5	12	12	14
NPWT08-01	8	R01	8	49	14	14	12
NPWT08-02		R02	10	51	14	14	14
NPWT08-03		R03	11	52	14	14	14
NPWT08-04		R04	14	55.5	14	14	14
NPWT010-01	10	R01	8	53	16	16	14
NPWT010-02		R02	10	55	16	16	14
NPWT010-03		R03	11	56	16	16	17
NPWT010-04		R04	14	59.5	16	16	21
NPWT012-02	12	R02	10	55.7	18	18	17
NPWT012-03		R03	11	56.7	18	18	17
NPWT012-04		R04	14	60.2	18	18	21

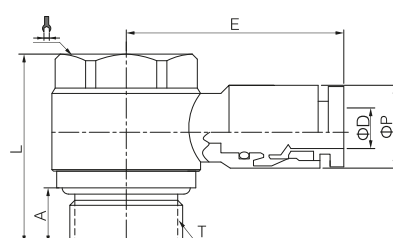
Note: there are Inch size 5/32, 1/4, 5/16, 3/8, 1/2 completed series products.

NPHT Series



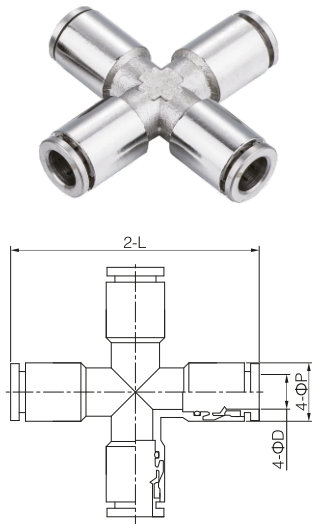
Model	ΦD	T	A	L	E	ΦP	
NPHT04-M5	4	M5×0.8	3.5	17	23.5	10	8
NPHT04-01		R01	8	24	24	10	12
NPHT04-02		R02	10	26.5	26	10	14
NPHT06-M5	6	M5×0.8	3.5	17	24.2	12	8
NPHT06-01		R01	8	24	24	12	12
NPHT06-02		R02	10	26.5	26	12	14
NPHT08-01	8	R01	8	24	25.5	14	12
NPHT08-02		R02	10	26.5	27.5	14	14
NPHT08-03		R03	11	32	29.5	14	19
NPHT08-04		R04	14	39	34.7	14	24
NPHT010-02	10	R02	10	26.5	31.2	16	14
NPHT010-03		R03	11	32	32	16	19
NPHT010-04		R04	14	39	36.2	16	24
NPHT012-03	12	R03	11	32	35.5	18	19
NPHT012-04		R04	14	39	36.7	18	24

NPHT-G Series



Model	ΦD	T	A	L	E	ΦP	
NPHT04-G01	4	G01	5	23.5	24	10	12
NPHT04-G02		G02	7.5	27	26	10	14
NPHT06-G01	6	G01	5	23.5	24	12	12
NPHT06-G02		G02	7.5	27	26	12	14
NPHT08-G01	8	G01	5	23.5	25.5	14	12
NPHT08-G02		G02	7.5	27	27.5	14	14
NPHT08-G03		G03	7.5	32	29.5	14	19
NPHT08-G04		G04	10	39	34.7	14	24
NPHT010-G02	10	G02	7.5	27	31.2	16	14
NPHT010-G03		G03	7.5	32	32	16	19
NPHT010-G04		G04	10	39	36.2	16	24
NPHT012-G03	12	G03	7.5	32	35.7	18	19
NPHT012-G04		G04	10	39	36.7	18	24

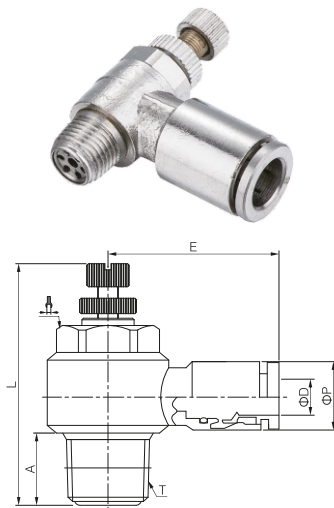
NPZT Series



Model	ΦD	L	ΦP
NPZT04	4	47	10
NPZT06	6	49.4	12
NPZT08	8	55.4	14
NPZT10	10	63.4	16
NPZT12	12	64.4	18

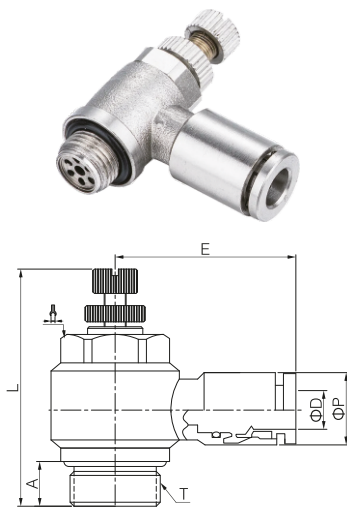
Note: there are Inch size 5/32, 1/4, 5/16, 3/8, 1/2 completed series products.

NSCT Series



Model	ΦD	T	A	L-MIN	L-MAX	E	ΦP	Icon
NSCT04-M5	4	M5×0.8	3.5	29	31.5	23.5	10	8
NSCT04-01		R01	8	35	40.5	24	10	12
NSCT04-02		R02	10	41.5	47	26	10	14
NSCT06-M5	6	M5×0.8	3.5	29	31.5	24.2	12	8
NSCT06-01		R01	8	35	40.5	24	12	12
NSCT06-02		R02	10	41.5	47	26	12	14
NSCT08-01	8	R01	8	35	40.5	25.5	14	12
NSCT08-02		R02	10	41.5	47	27.5	14	14
NSCT08-03		R03	11	48	53.5	29.5	14	19
NSCT08-04		R04	14	53.5	59.5	34.7	14	24
NSCT010-02	10	R02	10	41.5	47	31.2	16	14
NSCT010-03		R03	11	48	53.5	32	16	19
NSCT010-04		R04	14	53.5	59.5	36.2	16	24
NSCT012-03	12	R03	11	48	53.5	35.7	18	19
NSCT012-04		R04	14	53.5	59.5	36.7	18	24

NSCT-G Series



Model	ΦD	T	A	L-MIN	L-MAX	E	ΦP	Icon
NSCT04-G01	4	G01	5	35	40.5	24	10	12
NSCT04-G02		G02	7.5	41.5	47	26	10	14
NSCT06-G01	6	G01	5	35	40.5	24	12	12
NSCT06-G02		G02	7.5	41.5	47	26	12	14
NSCT08-G01	8	G01	5	35	40.5	25.5	14	12
NSCT08-G02		G02	7.5	41.5	47	27.5	14	14
NSCT08-G03		G03	7.5	48	53.5	29.5	14	19
NSCT08-G04		G04	10	53.5	59.5	34.7	14	24
NSCT010-G02	10	G02	7.5	41.5	47	31.2	16	14
NSCT010-G03		G03	7.5	48	53.5	32	16	19
NSCT010-G04		G04	10	53.5	59.5	36.2	16	24
NSCT012-G03	12	G03	7.5	48	53.5	35.7	18	19
NSCT012-G04		G04	10	53.5	59.5	36.7	18	24

Fittings,
Air Hose

Quick
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Mini Quick
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Controllers

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Valves

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Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

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(ARO210)

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(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

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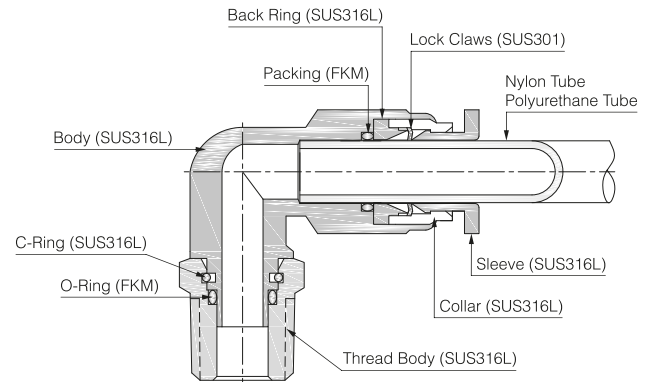
Product feature

1. All parts except sealing ring are made of SUS316L material, which has strong corrosion resistance.
2. The sealing ring is made of fluororubber (FKM), which has strong chemical resistance, acid resistance and high temperature resistance.
3. These parts are oil-free and comply with food hygiene law, and are widely used in food, chemical, medical and other industries.

Specifications

Fluid	Air, water, steam
Operating pressure	0~1.5MPa
Max pressure	2MPa
Operating temperature	-20~140℃

Schematic diagram of structure



Ordering code (example)

SSL **08** **—** **02**

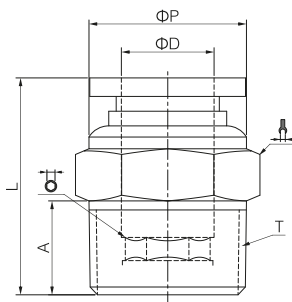
Model **Tube size** **Thread specification**

Tube size	Metric size				
Code name	4	6	8	10	12
Size (mm)	Φ4	Φ6	Φ8	Φ10	Φ12

	55° taper pipe thread					Metric thread			55° straight pipe thread				
Code name	01	02	03	04	06	M3	M5	M6	G01	G02	G03	G04	G06
Thread	R1/8	R1/4	R3/8	R1/2	R3/4	M3×0.5	M5×0.8	M6×1.0	G1/8	G1/4	G3/8	G1/2	G3/4

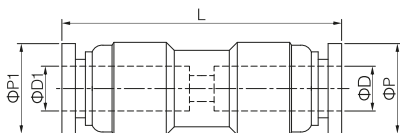
Note: NPT thread are available.

SSC Series



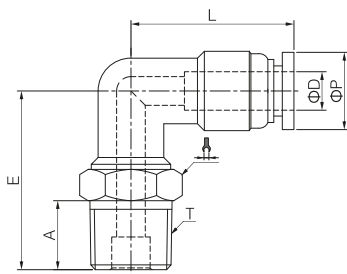
Model	ΦD	T	A	L	ΦP	⌀	⌀I
SSC04-M5	4	M5×0.8	4	19.5	10	10	-
SSC04-01		R01	7.5	18.5	10	10	3
SSC06-M5	6	M5×0.8	3.5	20.3	12	12	-
SSC06-01		R01	7.5	19.8	12	12	4
SSC06-02	6	R02	10	21.3	12	14	4
SSC08-01	8	R01	7.5	24.5	14	14	5
SSC08-02		R02	10	22.1	14	14	6
SSC010-02	10	R02	10	28	17	17	6
SSC010-03		R03	11	24.5	17	17	8
SSC010-04		R04	14	28	17	21	8
SSC012-02	12	R02	10	31.4	20	20	6
SSC012-03		R03	11	28.9	20	20	8
SSC012-04		R04	14	28.4	20	21	10
SSC04-G01	4	G01	5.5	18.5	10	14	3
SSC06-G01	6	G01	5.5	19.3	12	14	4
SSC06-G02		G02	6.5	20.3	12	17	4
SSC08-G01	8	G01	5.5	23.6	14	14	5
SSC08-G02		G02	6.5	21.6	14	17	6
SSC010-G02	10	G02	6.5	26.5	17	17	6
SSC010-G03		G03	7.5	24.5	17	20	8
SSC010-G04		G04	9.5	26	17	24	8
SSC012-G02	12	G02	6.5	28.9	20	20	6
SSC012-G03		G03	7.5	26.4	20	20	8
SSC012-G04		G04	9.5	26.4	20	24	10

SSU Series



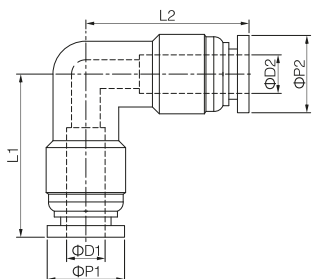
Model	Φ D1	Φ D2	L	Φ P1	Φ P2
SSU04	4	4	29	10	10
SSU06	6	6	30.6	12	12
SSU08	8	8	33.4	14	14
SSU10	10	10	37.6	17	17
SSU12	12	12	42.4	20	20
SSU06-04	6	4	29.8	12	10
SSU08-06	8	6	32	14	12
SSU10-08	10	8	35.5	19	14
SSU12-10	12	10	40	20	17

SSL Series



Model	Φ D	T	A	L	E	Φ P	
SSL04-M5	4	M5×0.8	4	18.3	20.5	10	10
SSL04-01		R01	7.5	18.3	19.3	10	10
SSL06-M5	6	M5×0.8	3.5	20.1	21.5	12	10
SSL06-01		R01	7.5	20.1	20.3	12	12
SSL06-02	6	R02	10	20.1	22.8	12	14
SSL08-01		R01	7.5	22.8	23.5	14	14
SSL08-02	8	R02	10	22.8	24	14	14
SSL10-02		R02	10	26.7	28.3	17	17
SSL10-03	10	R03	11	26.7	28.8	17	17
SSL10-04		R04	14	26.7	31.8	17	21
SSL12-02	12	R02	10	29.9	32.5	20	17
SSL12-03		R03	11	29.9	29.5	20	17
SSL12-04	12	R04	14	29.9	32.5	20	21
SSL04-G01	4	G01	5.5	18.3	18.8	10	14
SSL06-G01	6	G01	5.5	20.1	19.8	12	14
SSL06-G02		G02	6.5	20.1	21.3	12	17
SSL08-G01	8	G01	5.5	22.8	23	14	14
SSL08-G02		G02	6.5	22.8	24	14	17
SSL10-G02	10	G02	6.5	26.7	26.8	17	17
SSL10-G03		G03	7.5	26.7	26.8	17	20
SSL10-G04	10	G04	9.5	26.7	30.3	17	24
SSL12-G02		G02	6.5	29.9	31	20	17
SSL12-G03	12	G03	7.5	29.9	27.5	20	20
SSL12-G04		G04	9.5	29.9	31	20	24

SSV Series



Model	Φ D1	Φ D2	L1	L2	Φ P1	Φ P2
SSV4	4	4	18.3	18.3	10	10
SSV6	6	6	20.1	20.1	12	12
SSV8	8	8	22.8	22.8	14	14
SSV10	10	10	26.7	26.7	17	17
SSV12	12	12	29.9	29.9	20	20
SSV06-04	6	4	20.1	19.3	12	10
SSV08-06	8	6	22.8	22.3	14	12
SSV10-08	10	8	26.7	28.8	17	14
SSV12-10	12	10	29.9	29.7	20	17

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KIS-B
(ISO B)

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UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

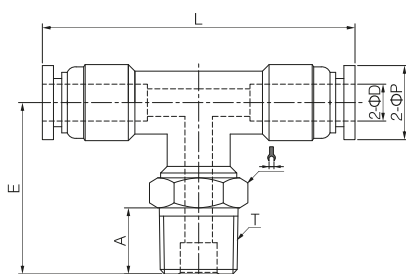
UN54D

Air Gun

Tracheal
Scissors

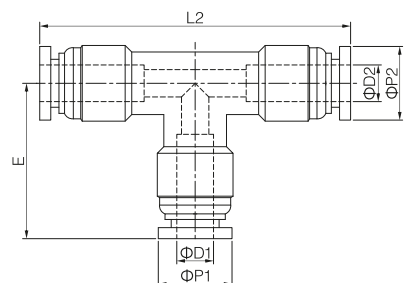
Silencers

SSB Series



Model	ΦD	T	A	L	E	ΦP	⌀
SSB04-M5	4	M5×0.8	4	36.6	20.5	10	10
SSB04-01		R01	7.5	36.6	19.3	10	10
SSB06-M5	6	M5×0.8	3.5	40.2	21.5	12	10
SSB06-01		R01	7.5	40.2	20.3	12	12
SSB06-02		R02	10	40.2	22.8	12	14
SSB08-01	8	R01	7.5	45.6	23.5	14	14
SSB08-02		R02	10	45.6	24	14	14
SSB10-02	10	R02	10	53.4	28.3	17	17
SSB10-03		R03	11	53.4	28.8	17	17
SSB10-04		R04	14	53.4	31.8	17	21
SSB12-02	12	R02	10	59.8	32.5	20	17
SSB12-03		R03	11	59.8	29.5	20	17
SSB12-04		R04	14	59.8	32.5	20	21
SSB04-G01	4	G01	5.5	36.6	18.8	10	14
SSB06-G01	6	G01	5.5	40.2	19.8	12	14
SSB06-G02		G02	6.5	40.2	21.3	12	17
SSB08-G01	8	G01	5.5	45.6	23	14	14
SSB08-G02		G02	6.5	45.6	24	14	17
SSB10-G02	10	G02	6.5	53.4	26.8	17	17
SSB10-G03		G03	7.5	53.4	26.8	17	20
SSB10-G04		G04	9.5	53.4	30.3	17	24
SSB12-G02	12	G02	6.5	59.8	31	20	17
SSB12-G03		G03	7.5	59.8	27.5	20	20
SSB12-G04		G04	9.5	59.8	31	20	24

SSE Series



Model	ΦD1	ΦD2	L1	L2	ΦP1	ΦP2
SSE04	4	4	36.6	18.3	10	10
SSE06	6	6	40.2	20.1	12	12
SSE08	8	8	45.6	22.8	14	14
SSE10	10	10	53.4	26.7	17	17
SSE12	12	12	59.8	29.9	20	20
SSE06-04	6	4	40.2	19.3	12	12
SSE08-06	8	6	45.6	22.3	14	14
SSE10-08	10	8	53.4	25.8	17	17
SSE12-10	12	10	59.8	29.7	20	20
SSE04-06	4	6	38.6	20.1	12	12
SSE06-08	6	8	44.6	22.8	14	14
SSE08-10	8	10	51.6	26.7	17	17
SSE10-12	10	12	59.4	29.9	20	20