Stop Fitting

Push-in fitting with built-in stop valve

⚠Safety instructions for this product
Safety instructions, Common safety instructions for each product category and Detailed safety instructions for each product are in the end of this catalog and our website.

Model Designation (Example)

PS (1) C (2) 6 (3) – 01 (4) M (5) (6)

(1) Stop Fitting **(2) Type**

(3) Tube dia. (øD)

	mm size (mm)					inch size (inch)					
Code	4or 4M	6or 6M	8	10	12	1/8	5/32	1/4	5/16	3/8	1/2
Tube O.D.	ø4	ø6	ø8	ø10	ø12	ø1/8	ø5/32	ø1/4	ø5/16	ø3/8	ø1/2

*Code: 4 or 6 for Straight and Elbow type. Code: 4M or 6M for Union type.

(4) Thread size (R)

	Metric thread	Taper pipe thread				UNF thread	National pipe thread tapered				
Code	M5	01	02	03	04	U10	N0	N1	N2	N3	N4
Thread size	M5×0.8	R1/8	R1/4	R3/8	R1/2	10-32UNF	NPT1/16	NPT1/8	NPT1/4	NPT3/8	NPT1/2

(5) Size specification

Code	No code	M
Spec.	Standard type	Mini type
Tube O.D. (mm)	ø8, ø10, ø12	ø4, ø6
Tube O.D. (inch)	ø5/16, ø3/8, ø1/2	ø1/8, ø5/32, ø1/4

(6) Wrench size spec.

Code	No code	U
Wrench spec.	mm size spec.	inch size spec.

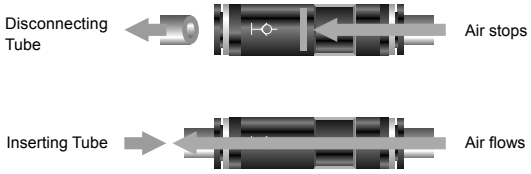
Characteristics

Air flow can be controlled by Tube insertion and disconnection.

The flow-shut mechanism operates to stop the air flow when the tube is disconnected and allows air flow when the tube is inserted.

Easy insertion and disconnection of the tube.

The double-passage structure is adopted.

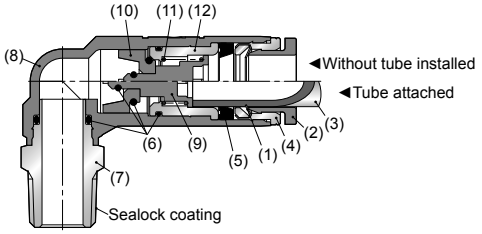


Specifications

Fluid medium	Air
Max. operating pressure	0.9 MPa
Max. vacuum	-100 kPa
Operating temp. range	0 to 60°C (no freezing)

Sectional drawing

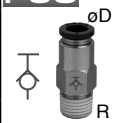
Elbow type: PSL

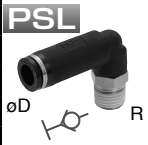


No,	Parts	Material
(1)	Lock claws	Stainless steel
(2)	Release-ring	POM
(3)	Tube	Polyurethane, Nylon, etc
(4)	Guide ring	Nickel-plated brass
(5)	Elastic sleeve	NBR
(6)	O-ring	NBR
(7)	Metallic body	Nickel-plated brass
(8)	Resin body	PBT
(9)	Cross-shaped valve	POM
(10)	Vane valve	POM
(11)	Spring	Piano wire
(12)	Valve guide	Nickel-plated brass

*1. The gasket of Metric and UNF thread is SUS304 + NBR.
*2. Vane valve is not incorporated in tube size: ø4 and ø6mm.
*3. Vane valve material of PSC8-01 is nickel-plated brass.

RoHS2 (2011/65/EU+EU2015/863) compliant

Type	Model code PSCøD-R	Model code PSCøD-RU
Straight PSC 	PSC4-M5M*	PSC1/8-U10MU*
	PSC4-01M*	PSC5/32-U10MU*
	PSC6-M5M*	PSC5/32-N1MU*
	PSC6-01M*	PSC1/4-U10MU*
	PSC6-02M*	PSC1/4-N1MU*
	PSC8-01	PSC1/4-N2MU*
	PSC8-02	PSC5/16-N3U
	PSC8-03	PSC3/8-N2U
	PSC10-02	PSC3/8-N3U
	PSC10-03	PSC1/2-N3U
	PSC10-04	PSC1/2-N4U
	PSC12-03	
	PSC12-04	

Type	Model code PSLøD-R	Model code PSLøD-RU
Elbow PSL 	PSL4-M5M*	PSL1/8-U10MU*
	PSL4-01M*	PSL5/32-U10MU*
	PSL6-M5M*	PSL5/32-N1MU*
	PSL6-01M*	PSL1/4-U10MU*
	PSL6-02M*	PSL1/4-N0MU*
	PSL8-01	PSL1/4-N1MU*
	PSL8-02	PSL1/4-N2MU*
	PSL8-03	PSL3/8-N2U
	PSL10-02	PSL3/8-N3U
	PSL10-03	PSL1/2-N3U
	PSL10-04	PSL1/2-N4U
	PSL12-03	
	PSL12-04	

Type	Model code PSUøD
Union Straight PSU	PSU4M*
	PSU6M*
	PSU8
	PSU10
	PSU12
	PSU1/8M*
	PSU5/32M*
	PSU1/4M*
	PSU3/8
	PSU1/2

Type	Model code PSMøD1-øD2
Bulkhead Union PSM	PSM4M-4*
	PSM6M-6*
	PSM8
	PSM10
	PSM12
	PSM3/8

Notes
Model codes with tube dia. ø4 mm, ø6 mm, ø1/8", ø5/32" and ø1/4" are Tube fitting Mini series specifications.

CAD data is available at PISCO website.

Packaging specifications
1 pc. /bag