

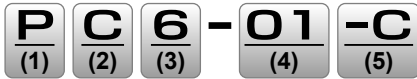
Tube Fitting Standard

Push-in fitting for general pneumatic piping

⚠ 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)



(1) Tube Fitting Standard

(2) Type

(3) Tube dia. (øD, øD1, øD2)

Code	mm size (mm)						inch size (inch)							
	4	6	8	10	12	16	1/8	5/32	3/16	1/4	5/16	3/8	1/2	5/8
Tube O.D.	ø4	ø6	ø8	ø10	ø12	ø16	ø1/8	ø5/32	ø3/16	ø1/4	ø5/16	ø3/8	ø1/2	ø5/8

*In case that (3) indicates thread size, select thread size from table (4).

(4) Thread size (R, Rc, Rc1, Rc2)

● We support unified thread, NPT and British standard pipe thread parallel on a make-to-order basis.

Code	Metric thread		Taper pipe thread				Code	UNF thread	National pipe thread tapered					British pipe thread parallel			
	M5	M6	01	02	03	04		U10U	NOU	N1U	N2U	N3U	N4U	G1	G2	G3	G4
Thread size	M5×0.8	M6×1	R1/8	R1/4	R3/8	R1/2		10-32UNF	NPT1/16	NPT1/8	NPT1/4	NPT3/8	NPT1/2	G1/8	G1/4	G3/8	G1/2

*For unequal union types, (4) is the tube size, which should be selected from the table in (3).

*Contact us for the price.

(5) Body color and Clean-wash & Clean-room pkg. spec. (Optional)

Code	No code	-C	W	W-C	-UC
Spec.	Standard	Clean-room package	Light gray	Light-gray & Clean-room pkg.	Clean-wash + Clean-room pkg.
Appearance spec.					
Release-ring color (*)	Black	Light blue	Light gray	Light gray	Light blue
Resin body color	Black	Light gray			

*Release-ring color is white for all spec. of inch-size products listed on the left.

*Clean-room pkg. spec. and Clean-wash spec. use special cosmetic bags for each. Code W-C is not selectable for inch sizes.

Code: No code (inch)



Code: -C, W, -UC (inch)



Characteristics

● Standard type

This push-in fitting can be used in various pneumatic piping.

Various types are available.

The direction of the tubing can be changed freely.

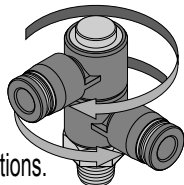
As for some models, the direction of the tubing can be changed freely after installation.

Use with water is possible depending on the conditions.

General push-in fitting that can be used with water.
(Make sure to check the conditions in the specifications.)

Centerized piping is possible.

Compact centralized piping is possible with Triple type (PKD, PKG, PKJ) and Twin Triple type (PKVD, PKVG).



Triple type

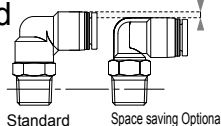


Twin triple type

● Space saving type

Suitable for installing in limited spaces.

*Please note that the structure and specifications are different from the standard type.



Standard

Space saving Optional

● Clean-room pkg. spec. (Optional)

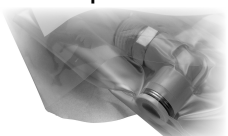
Best suited for piping in clean environment.

The products are assembled with fluorine grease, washed by clean air, then packed in ISO class 6 equivalent clean-room.

● Clean-wash spec. (Optional)

For manufacturing process where particles and oil should be avoided.

The products go through vacuum ultrasonic cleaning by HFE (hydro fluoro ether) in a clean-room and is packed with deaeration packaging.



Specifications

Type	Standard	Space saving Optional
Fluid medium	Air, Water (Conditional*)	Air
Max. operating pressure	1.0 MPa	
Max. vacuum	-100 kPa	
Operating temp. range	0 to 60°C (no freezing)	

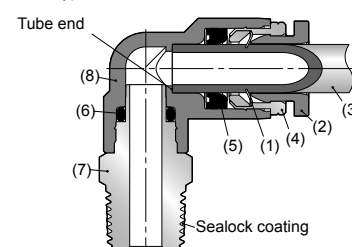
⚠ Warning

*Make sure to follow the instructions below when the fluid medium is water.

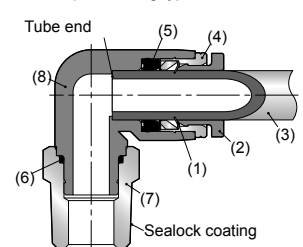
1. Surge pressure must be controlled lower than max. operating pressure when using water as a fluid medium.
2. General tap water in Japan, free from foreign substances or contamination, can be used. Carry out the evaluation under an actual operating condition for using other kind of water.
3. The gasket material of M and UNF threads is SUS304 & NBR or SPCC & NBR depending on the model as standard. (The material of cartridge PCC is POM). The gasket material of M and UNF threads for Clean-room pkg. spec. is POM as standard. Contact us for details.

Sectional drawing

Elbow type: PL



Elbow space saving type: PL-M



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

*The gasket of M or UNF thread for Standard and Light gray spec. is made of SUS304 & NBR or SPCC & NBR as standard. The gasket material of M5 & M6 threads for Clean-room pkg. and Clean-wash spec. is POM as standard. Contact us for details.

*The gasket material of G threads is Aluminum & PBT.

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

Type	Model code		Type	Model code		Type	Model code		
	PCøD-R[5]	PCøD-RU		PLøD-R[5]	PLøD-RU		PBøD-R[5]	PBøD-RU	
Straight PC 	PC4-M5[5]	PC ^{5/32} -U10U	Elbow PL 	PL4-M5[5]	PL ^{5/32} -U10U	Branch Tee PB 	PB4-M5[5]	PB ^{5/32} -U10U	
	PC4-M50[5]*	PC ^{5/32} -N0U		PL4-M6[5]	PL ^{5/32} -N0U		PB4-M6[5]	PB ^{5/32} -N1U	
	PC4-M6[5]	PC ^{5/32} -N1U		PL4-01[5]	PL ^{5/32} -N1U		PB4-01[5]	PB ^{5/32} -N2U	
	PC4-01[5]	PC ^{5/32} -N2U		PL4-02[5]	PL ^{5/32} -N2U		PB4-02[5]	PB ^{3/16} -U10U	
	PC4-02[5]	PC ^{3/16} -U10U		PL6-M5[5]	PL ^{3/16} -U10U		PB6-M5[5]	PB ^{3/16} -N1U	
	PC6-M5[5]	PC ^{3/16} -N0U		PL6-M6[5]	PL ^{3/16} -N0U		PB6-M6[5]	PB ^{3/16} -N2U	
	PC6-M6[5]	PC ^{3/16} -N1U		PL6-01[5]	PL ^{3/16} -N1U		PB6-01[5]	PB ^{3/16} -N3U	
	PC6-01[5]	PC ^{3/16} -N2U		PL6-02[5]	PL ^{3/16} -N2U		PB6-02[5]	PB ^{1/4} -U10U	
	PC6-02[5]	PC ^{3/16} -N3U		PL6-03[5]	PL ^{3/16} -N3U		PB6-03[5]	PB ^{1/4} -N1U	
	PC6-03[5]	PC ^{1/4} -U10U		PL8-01[5]	PL ^{1/4} -U10U		PB8-01[5]	PB ^{1/4} -N2U	
	PC8-01[5]	PC ^{1/4} -N0U		PL8-02[5]	PL ^{1/4} -N0U		PB8-02[5]	PB ^{1/4} -N3U	
	PC8-02[5]	PC ^{1/4} -N1U		PL8-03[5]	PL ^{1/4} -N1U		PB8-03[5]	PB ^{5/16} -N1U	
	PC8-03[5]	PC ^{1/4} -N2U		PL10-01[5]	PL ^{1/4} -N2U		PB10-01[5]	PB ^{5/16} -N2U	
	PC10-01[5]	PC ^{1/4} -N3U		PL10-02[5]	PL ^{1/4} -N3U		PB10-02[5]	PB ^{5/16} -N3U	
	PC10-02[5]	PC ^{5/16} -N1U		PL10-03[5]	PL ^{5/16} -N1U		PB10-03[5]	PB ^{3/8} -N1U	
	PC10-03[5]	PC ^{5/16} -N2U		PL10-04[5]	PL ^{5/16} -N2U		PB10-04[5]	PB ^{3/8} -N2U	
	PC10-04[5]	PC ^{5/16} -N3U		PL12-02[5]	PL ^{5/16} -N3U		PB12-02[5]	PB ^{3/8} -N3U	
	PC12-02[5]	PC ^{3/8} -N1U		PL12-03[5]	PL ^{3/8} -N1U		PB12-03[5]	PB ^{3/8} -N4U	
	PC12-03[5]	PC ^{3/8} -N2U		PL12-04[5]	PL ^{3/8} -N2U		PB12-04[5]	PB ^{1/2} -N2U	
	PC12-04[5]	PC ^{3/8} -N3U		PL16-03[5]	PL ^{3/8} -N3U		PB16-03[5]	PB ^{1/2} -N3U	
	PC16-03[5]	PC ^{3/8} -N4U		PL16-04[5]	PL ^{3/8} -N4U		PB16-04[5]	PB ^{1/2} -N4U	
	PC16-04[5]	PC ^{1/2} -N2U		PL ^{5/32} -M5[5]	PL ^{1/2} -N2U		PB ^{5/32} -01[5]	PB4-N1U	
	PC ^{5/32} -M5[5]	PC ^{1/2} -N3U		PL ^{5/32} -01[5]	PL ^{1/2} -N3U		PB ^{5/32} -02[5]	PB4-N2U	
	PC ^{5/32} -01[5]	PC ^{1/2} -N4U		PL ^{5/32} -02[5]	PL ^{1/2} -N4U		PB ^{3/16} -01[5]	PB6-N1U	
	PC ^{5/32} -02[5]	PC ^{5/8} -N3U		PL ^{3/16} -M5[5]	PL ^{5/8} -N3U		Model code PBøD-R	PB ^{3/16} -02[5]	PB6-N2U
Model code PCøD-R	PC ^{3/16} -M5[5]	PC ^{5/8} -N4U	PL ^{3/16} -01[5]	PL ^{5/8} -N4U	PB ^{1/4} -01[5]	PB6-N3U			
PC ^{3/16} -01[5]	PC4-N0U	PL ^{3/16} -02[5]	PL4-U10U	PB4-G1	PB ^{1/4} -02[5]	PB8-N1U			
PC4-G1	PC ^{3/16} -02[5]	PC4-N1U	PL ^{1/4} -M5[5]	PL4-N0U	PB6-G1	PB ^{1/4} -03[5]		PB8-N3U	
PC6-G1	PC ^{1/4} -M5[5]	PC4-N2U	Model code PLøD-R	PL ^{1/4} -01[5]	PL4-N1U	PB6-G2	PB ^{5/16} -01[5]	PB10-N2U	
PC6-G2	PC ^{1/4} -01[5]	PC6-N0U		PL4-G1	PL ^{1/4} -02[5]	PL4-N2U	PB8-G1	PB ^{5/16} -02[5]	PB10-N3U
PC8-G1	PC ^{1/4} -02[5]	PC6-N1U		PL6-G1	PL ^{1/4} -03[5]	PL6-U10U	PB8-G2	PB ^{5/16} -03[5]	PB10-N4U
PC8-G2	PC ^{1/4} -03[5]	PC6-N2U		PL6-G2	PL ^{5/16} -01[5]	PL6-N0U	PB8-G3	PB ^{3/8} -01[5]	PB12-N3U
PC8-G3	PC ^{5/16} -01[5]	PC6-N3U	PL8-G1	PL ^{5/16} -02[5]	PL6-N1U	PB10-G2	PB ^{3/8} -02[5]	PB12-N4U	
PC10-G2	PC ^{5/16} -02[5]	PC8-N1U	PL8-G2	PL ^{5/16} -03[5]	PL6-N2U	PB10-G3	PB ^{3/8} -03[5]		
PC10-G3	PC ^{5/16} -03[5]	PC8-N2U	PL8-G3	PL ^{3/8} -01[5]	PL6-N3U	PB12-G3	PB ^{3/8} -04[5]		
PC10-G4	PC ^{3/8} -01[5]	PC8-N3U	PL10-G2	PL ^{3/8} -02[5]	PL8-N1U	PB12-G4	PB ^{1/2} -02[5]		
PC12-G2	PC ^{3/8} -02[5]	PC10-N1U	PL10-G3	PL ^{3/8} -03[5]	PL8-N2U	PB16-G3	PB ^{1/2} -03[5]		
PC12-G3	PC ^{3/8} -03[5]	PC10-N2U	PL10-G4	PL ^{3/8} -04[5]	PL8-N3U	PB16-G4	PB ^{1/2} -04[5]		
PC12-G4	PC ^{3/8} -04[5]	PC10-N3U	PL12-G2	PL ^{1/2} -02[5]	PL8-N4U	Type Branch Tee space saving type PB-M 	Model code PBøD-RM		
PC16-G3	PC ^{1/2} -02[5]	PC10-N4U	PL12-G3	PL ^{1/2} -03[5]	PL10-N1U				
PC16-G4	PC ^{1/2} -03[5]	PC12-N2U	PL12-G4	PL ^{1/2} -04[5]	PL10-N2U				
*PC4-M50[5] is a slim type of PC4-M5[5]. (Wrench size: 8mm)	PC ^{1/2} -04[5]	PC12-N3U	PL16-G3	PL ^{5/8} -03[5]	PL10-N3U				
	PC ^{5/8} -03[5]	PC12-N4U	PL16-G4	PL ^{5/8} -04[5]	PL10-N4U				
	PC ^{5/8} -04[5]	PC16-N3U			PL12-N2U				
		PC16-N4U			PL12-N3U				
					PL12-N4U				
					PL16-N3U				
					PL16-N4U				
			Type	Model code PLøD-RM					
			Elbow space saving type PL-M 	PL8-01M					
				PL8-02M					
				PL8-03M					
				PL10-02M					
				PL10-03M					



CAD data is available
at PISCO website.



Packaging specifications
10 pcs. /bag: Standard and Light gray spec.
10 pcs. (individual packaging) /bag: Clean-
room pkg. spec. and Light gray & Clean-room
pkg. spec.
1 pc. /bag: Clean-wash spec.

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at PISCO website.

Packaging specifications

10 pcs. /bag: Standard and Light gray spec.
10 pcs. (individual packaging) /bag: Clean-room pkg. spec. and Light gray & Clean-room pkg. spec.
1 pc. /bag: Clean-wash spec.



Options

Code	[5] : -C	[5] : -UC	[5] : W	[5] : W-C
Specifications	Clean-room pkg. (Fill in [5] with "-C".)	Clean-wash & Clean-room pkg. * (Fill in [5] with "-UC".)	Light gray (Fill in [5] with "W".)	Light gray & Clean-room pkg. (Fill in [5] with "W-C".)

*Rubber material: FKM is not available for Clean-wash spec.



Non-standard options (details ▶ P.893)

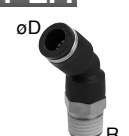
- Seal rubber material options: FKM, EPDM or HNBR
- Oil-free
- Copper free spec.
- Release-ring color change (Red)
- ▶ Contact us for the price.

Tube Fitting Standard

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

Type	Model code		Type	Model code		Type	Model code		
	PDøD-R ^[5]	PDøD-RU		PXøD-R ^[5]	PXøD-RU		POCøD-R ^[5]	POCøD-RU	
Run Tee PD 	PD4-M5 ^[5]	PD ^{5/32} -U10U	Branch Y PX 	PX4-M5 ^[5]	PX ^{5/32} -U10U	Inner Hex. Straight POC 	POC4-M5 ^[5]	POC ^{5/32} -U10U	
	PD4-M6 ^[5]	PD ^{5/32} -N1U		PX4-M6 ^[5]	PX ^{5/32} -N1U		POC4-M6 ^[5]	POC ^{5/32} -N1U	
	PD4-01 ^[5]	PD ^{5/32} -N2U		PX4-01 ^[5]	PX ^{5/32} -N2U		POC4-01 ^[5]	POC ^{3/16} -U10U	
	PD4-02 ^[5]	PD ^{3/16} -U10U		PX4-02 ^[5]	PX ^{3/16} -U10U		POC6-M5 ^[5]	POC ^{3/16} -N1U	
	PD6-M5 ^[5]	PD ^{3/16} -N1U		PX6-M5 ^[5]	PX ^{3/16} -N1U		POC6-M6 ^[5]	POC ^{1/4} -U10U	
	PD6-M6 ^[5]	PD ^{3/16} -N2U		PX6-M6 ^[5]	PX ^{3/16} -N2U		POC6-01 ^[5]	POC ^{1/4} -N1U	
	PD6-01 ^[5]	PD ^{3/16} -N3U		PX6-01 ^[5]	PX ^{3/16} -N3U		POC6-02 ^[5]	POC ^{1/4} -N2U	
	PD6-02 ^[5]	PD ^{1/4} -U10U		PX6-02 ^[5]	PX ^{1/4} -U10U		POC8-01 ^[5]	POC ^{5/16} -N1U	
	PD6-03 ^[5]	PD ^{1/4} -N1U		PX6-03 ^[5]	PX ^{1/4} -N1U		POC8-02 ^[5]	POC ^{5/16} -N2U	
	PD8-01 ^[5]	PD ^{1/4} -N2U		PX8-01 ^[5]	PX ^{1/4} -N2U		POC8-03 ^[5]	POC ^{5/16} -N3U	
	PD8-02 ^[5]	PD ^{1/4} -N3U		PX8-02 ^[5]	PX ^{1/4} -N3U		POC10-01 ^[5]	POC ^{3/8} -N1U	
	PD8-03 ^[5]	PD ^{5/16} -N1U		PX8-03 ^[5]	PX ^{5/16} -N1U		POC10-02 ^[5]	POC ^{3/8} -N2U	
	PD10-01 ^[5]	PD ^{5/16} -N2U		PX10-01 ^[5]	PX ^{5/16} -N2U		POC10-03 ^[5]	POC ^{3/8} -N3U	
	PD10-02 ^[5]	PD ^{5/16} -N3U		PX10-02 ^[5]	PX ^{5/16} -N3U		POC10-04 ^[5]	POC ^{3/8} -N4U	
	PD10-03 ^[5]	PD ^{3/8} -N1U		PX10-03 ^[5]	PX ^{3/8} -N1U		POC12-02 ^[5]	POC ^{1/2} -N2U	
	PD10-04 ^[5]	PD ^{3/8} -N2U		PX10-04 ^[5]	PX ^{3/8} -N2U		Model code POCøD-R	POC12-03 ^[5]	POC ^{1/2} -N3U
	PD12-02 ^[5]	PD ^{3/8} -N3U		PX12-02 ^[5]	PX ^{3/8} -N3U			POC12-04 ^[5]	POC ^{1/2} -N4U
	PD12-03 ^[5]	PD ^{3/8} -N4U		PX12-03 ^[5]	PX ^{3/8} -N4U		POC4-G1	POC16-03 ^[5]	POC4-U10U
	PD12-04 ^[5]	PD ^{1/2} -N2U		PX12-04 ^[5]	PX ^{1/2} -N2U		POC6-G1	POC16-04 ^[5]	POC6-U10U
	PD16-03 ^[5]	PD ^{1/2} -N3U		PX16-03 ^[5]	PX ^{1/2} -N3U		POC6-G2	POC ^{3/16} -01 ^[5]	POC6-N1U
	PD16-04 ^[5]	PD ^{1/2} -N4U		PX16-04 ^[5]	PX ^{1/2} -N4U		POC8-G1	POC ^{1/4} -M5 ^[5]	POC6-N2U
	PD ^{5/32} -01 ^[5]	PD6-N1U		PX ^{5/32} -01 ^[5]	PX6-N1U		POC8-G2	POC ^{1/4} -01 ^[5]	POC8-N1U
	PD ^{5/32} -02 ^[5]	PD6-N2U		PX ^{5/32} -02 ^[5]	PX6-N2U		POC8-G3	POC ^{1/4} -02 ^[5]	POC8-N2U
	PD ^{3/16} -01 ^[5]	PD6-N3U		PX ^{3/16} -01 ^[5]	PX6-N3U		POC10-G1	POC ^{5/16} -01 ^[5]	POC12-N3U
	PD ^{3/16} -02 ^[5]	PD8-N1U		PX ^{3/16} -02 ^[5]	PX8-N2U		POC10-G2	POC ^{5/16} -02 ^[5]	POC12-N3U
				PX ^{1/4} -01 ^[5]	PX8-N3U		POC10-G3	POC ^{5/16} -03 ^[5]	
Model code PDøD-R	PD ^{1/4} -01 ^[5]	PD8-N2U	Model code PXøD-R	PX ^{1/4} -02 ^[5]	PX10-N1U	POC12-G3	POC ^{3/8} -02 ^[5]		
	PD ^{1/4} -02 ^[5]	PD8-N3U		PX ^{1/4} -03 ^[5]	PX10-N2U	POC12-G4	POC ^{3/8} -03 ^[5]		
PD4-G1	PD ^{1/4} -03 ^[5]	PD10-N2U	PX4-G1	PX ^{5/16} -01 ^[5]	PX10-N4U		POC ^{3/8} -04 ^[5]		
PD6-G1	PD ^{5/16} -01 ^[5]	PD10-N3U	PX6-G1	PX ^{5/16} -02 ^[5]	PX12-N4U	Unequal Union Straight PG 	PG6-4 ^[5]		
PD6-G2	PD ^{5/16} -02 ^[5]		PX6-G2	PX ^{5/16} -03 ^[5]	PX16-N4U		PG8-4 ^[5]		
PD8-G1	PD ^{5/16} -03 ^[5]		PX8-G1	PX ^{3/8} -01 ^[5]			PG8-6 ^[5]		
PD8-G2	PD ^{3/8} -01 ^[5]		PX8-G2	PX ^{3/8} -02 ^[5]			PG10-6 ^[5]		
PD8-G3	PD ^{3/8} -02 ^[5]		PX8-G3	PX ^{3/8} -03 ^[5]			PG10-8 ^[5]		
PD10-G2	PD ^{3/8} -03 ^[5]		PX10-G2	PX ^{3/8} -04 ^[5]			PG12-8 ^[5]		
PD10-G3	PD ^{3/8} -04 ^[5]		PX10-G3	PX ^{1/2} -02 ^[5]			PG12-10 ^[5]		
PD12-G3	PD ^{1/2} -02 ^[5]		PX12-G3	PX ^{1/2} -03 ^[5]			PG16-10 ^[5]		
PD12-G4	PD ^{1/2} -03 ^[5]		PX12-G4	PX ^{1/2} -04 ^[5]			PG16-12 ^[5]		
PD16-G4	PD ^{1/2} -04 ^[5]						PG12- ^{3/8} ^[5]		
							PG ^{1/4} -4 ^[5]		
							PG ^{3/16} - ^{5/32} ^[5]		
						PG ^{1/4} - ^{3/16} ^[5]			
						PG ^{1/4} - ^{5/32} ^[5]			
						PG ^{5/16} - ^{3/16} ^[5]			
						PG ^{5/16} - ^{1/4} ^[5]			
						PG ^{3/8} - ^{1/4} ^[5]			
						PG ^{3/8} - ^{5/16} ^[5]			
						PG ^{1/2} - ^{1/4} ^[5]			
						PG ^{1/2} - ^{5/16} ^[5]			
						PG ^{1/2} - ^{3/8} ^[5]			
						PG ^{5/8} - ^{1/2} ^[5]			
Type	Model code PDøD-RM		Type	Model code PUøD ^[5]					
Run Tee space saving type PD-M 	PD8-01M		Union Straight PU 	PU4 ^[5]					
	PD8-02M			PU6 ^[5]					
	PD8-03M			PU8 ^[5]					
	PD10-02M			PU10 ^[5]					
	PD10-03M			PU12 ^[5]					
				PU16 ^[5]					
		PU ^{5/32} ^[5]							
		PU ^{3/16} ^[5]							
		PU ^{1/4} ^[5]							
		PU ^{5/16} ^[5]							
		PU ^{3/8} ^[5]							
		PU ^{1/2} ^[5]							
		PU ^{5/8} ^[5]							

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

Type	Model code		Type	Model code		Type	Model code	
	PHøD-R[5]	PHøD-RU		PHFøD-R&Rc[5]	PHFøD-R&Rc (U)		PLLøD-R[5]	PLLøD-RU
Single Banjo PH 	PH4-M5[5] PH4-M6[5] PH4-01[5] PH6-M5[5] PH6-M6[5] PH6-01[5] PH6-02[5] PH8-01[5] PH8-02[5] PH8-03[5] PH10-02[5] PH10-03[5] PH12-03[5] PH12-04[5] PH16-03[5] PH16-04[5] PH ^{5/32} -M5[5] PH ^{5/32} -01[5]	PH ^{5/32} -U10U PH ^{5/32} -N1U PH ^{3/16} -U10U PH ^{3/16} -N1U PH ^{3/16} -N2U PH ^{1/4} -U10U PH ^{1/4} -N1U PH ^{1/4} -N2U PH ^{1/4} -N3U PH ^{5/16} -N1U PH ^{5/16} -N2U PH ^{5/16} -N3U PH ^{3/8} -N2U PH ^{3/8} -N3U PH ^{1/2} -N3U PH ^{1/2} -N4U PH4-N1U PH6-U10U	Link-up Banjo PHF Rc 	PHF4-M5[5] PHF4-01[5] PHF6-M5[5] PHF6-01[5] PHF6-02[5] PHF8-01[5] PHF8-02[5] PHF8-03[5] PHF10-02[5] PHF10-03[5] PHF12-03[5] PHF ^{5/32} -M5[5] PHF ^{5/32} -01[5] PHF ^{3/16} -M5[5] PHF ^{3/16} -01[5] PHF ^{3/16} -02[5] PHF ^{1/4} -M5[5] PHF ^{1/4} -01[5] PHF ^{1/4} -01[5] PHF ^{5/16} -01[5] PHF ^{5/16} -02[5] PHF ^{5/16} -03[5] PHF ^{3/8} -02[5] PHF ^{3/8} -03[5] PHF ^{1/2} -03[5] PHF ^{1/2} -04[5]	PHF4-G1 PHF6-G1 PHF6-G2 PHF8-G1 PHF8-G2 PHF8-G3 PHF10-G2 PHF10-G3 PHF12-G3 PHF12-G4 PHF ^{1/4} -N1U PHF ^{3/8} -N2U PHF ^{3/8} -N3U	Long Elbow PLL 	PLL4-M5[5] PLL4-01[5] PLL4-02[5] PLL6-M5[5] PLL6-01[5] PLL6-02[5] PLL6-03[5] PLL8-01[5] PLL8-02[5] PLL8-03[5] PLL10-01[5] PLL10-02[5] PLL10-03[5] PLL10-04[5] PLL12-02[5] PLL12-03[5] PLL12-04[5] PLL16-03[5] PLL16-04[5] PLL ^{5/32} -01[5] PLL ^{5/32} -02[5] PLL ^{3/16} -01[5] PLL ^{3/16} -02[5] PLL ^{1/4} -01[5] PLL ^{1/4} -02[5] PLL ^{1/4} -03[5] PLL ^{5/16} -01[5] PLL ^{5/16} -02[5] PLL ^{5/16} -03[5] PLL ^{5/16} -04[5] PLL ^{1/2} -02[5] PLL ^{1/2} -03[5] PLL ^{1/2} -04[5]	PLL ^{5/32} -U10U PLL ^{5/32} -N1U PLL ^{5/32} -N2U PLL ^{5/16} -U10U PLL ^{3/16} -N1U PLL ^{3/16} -N2U PLL ^{3/16} -N3U PLL ^{1/4} -U10U PLL ^{1/4} -N1U PLL ^{1/4} -N2U PLL ^{1/4} -N3U PLL ^{5/16} -N1U PLL ^{5/16} -N2U PLL ^{5/16} -N3U PLL ^{3/8} -N1U PLL ^{3/8} -N2U PLL ^{3/8} -N3U PLL ^{3/8} -N4U PLL ^{1/2} -N2U PLL ^{1/2} -N3U PLL ^{1/2} -N4U PLL6-N1U PLL6-N2U PLL6-N3U PLL8-N1U PLL8-N2U PLL10-N2U PLL10-N3U PLL12-N3U
Model code PHøD-R	PH ^{3/16} -M5[5] PH ^{3/16} -01[5]	PH6-N1U PH6-N2U				Model code PLLøD-R	PLL ^{1/4} -01[5] PLL ^{1/4} -02[5]	PLL6-N3U PLL8-N1U
PH4-G1	PH ^{5/16} -02[5]	PH8-N1U				PLL4-G1	PLL ^{1/4} -03[5]	PLL8-N2U
PH6-G1	PH ^{1/4} -M5[5]	PH8-N2U				PLL6-G1	PLL ^{5/16} -01[5]	PLL10-N2U
PH6-G2	PH ^{1/4} -01[5]	PH8-N3U				PLL6-G2	PLL ^{5/16} -02[5]	PLL10-N3U
PH8-G1	PH ^{1/4} -02[5]	PH10-N2U				PLL8-G1	PLL ^{5/16} -03[5]	PLL12-N3U
PH8-G2	PH ^{5/16} -01[5]	PH10-N3U				PLL8-G2	PLL ^{3/8} -01[5]	
PH8-G3	PH ^{5/16} -02[5]					PLL8-G3	PLL ^{3/8} -02[5]	
PH10-G2	PH ^{5/16} -03[5]					PLL10-G2	PLL ^{3/8} -03[5]	
PH10-G3	PH ^{3/8} -02[5]					PLL10-G3	PLL ^{3/8} -04[5]	
PH12-G3	PH ^{3/8} -03[5]					PLL12-G3	PLL ^{1/2} -02[5]	
PH12-G4	PH ^{1/2} -03[5]					PLL12-G4	PLL ^{1/2} -03[5]	
PH16-G4	PH ^{1/2} -04[5]					PLL16-G4	PLL ^{1/2} -04[5]	
Type	Model code		Union Elbow PV 	Model code		Type	Model code	
	POLøD-R[5]	POLøD-RU					PLHøD-R[5]	PLHøD-RU
Hex. Holed Banjo POL 	POL4-M5[5] POL6-01[5] POL6-02[5] POL8-01[5] POL8-02[5] POL8-03[5] POL10-02[5] POL10-03[5] POL12-03[5] POL12-04[5]	POL ^{1/4} -N1U POL ^{1/4} -N2U POL ^{5/16} -N1U POL ^{3/8} -N2U POL8-N1U POL12-N3U POL6-N1U POL6-N2U POL10-N2U		PV4[5] PV6[5] PV8[5] PV10[5] PV12[5] PV16[5] PV ^{5/32} [5] PV ^{3/16} [5] PV ^{1/4} [5] PV ^{5/16} [5] PV ^{3/8} [5] PV ^{1/2} [5]		45° Elbow PLH 	PLH8-01[5] PLH8-02[5] PLH8-03[5] PLH10-01[5] PLH10-02[5] PLH10-03[5] PLH10-04[5] PLH12-02[5] PLH12-03[5] PLH12-04[5] PLH16-03[5] PLH16-04[5]	PLH ^{1/4} -N1U PLH ^{1/4} -N2U PLH8-N1U PLH8-N2U PLH12-N3U

 CAD data is available
at PISCO website.

 Packaging specifications
10 pcs. /bag: Standard and Light gray spec.
10 pcs. (individual packaging) /bag: Clean-room pkg. spec. and Light gray & Clean-room pkg. spec.
1 pc. /bag: Clean-wash spec.

Options	Model code			
	Code	[5] : -C	[5] : -UC	[5] : W-C
Specifications		Clean-room pkg. (Fill in [5] with "-C".)	Clean-wash & Clean-room pkg. * (Fill in [5] with "-UC".)	Light gray (Fill in [5] with "W".) Light gray & Clean-room pkg. (Fill in [5] with "W-C".)

*Rubber material: FKM is not available for Clean-wash spec.

 Non-standard options (details ▶ P.893)
· Seal rubber material options: FKM, EPDM or HNBR
· Oil-free
· Copper free spec.
· Release-ring color change (Red)
▶ Contact us for the price.

Tube Fitting Standard

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

Type	Model code PEøD ^[5]	Type	Model code PEGøD ₁ -øD ₂ ^[5]	Type	Model code			
					PAXøD-R ^[5]	PAXøD-RU		
Union Tee PE 	PE4 ^[5]	Unequal Union Tee PEG 	PEG4-6 ^[5]	Branch Elbow PAX 	PAX4-M5 ^[5]	PAX ^{5/32} -U10U		
	PE6 ^[5]		PEG6-4 ^[5]		PAX4-M6 ^[5]	PAX ^{5/32} -N1U		
	PE8 ^[5]		PEG6-8 ^[5]		PAX4-01 ^[5]	PAX ^{5/32} -N2U		
	PE10 ^[5]		PEG8-4 ^[5]		PAX4-02 ^[5]	PAX ^{3/16} -U10U		
	PE12 ^[5]		PEG8-6 ^[5]		PAX6-M5 ^[5]	PAX ^{3/16} -N1U		
	PE16 ^[5]		PEG8-10 ^[5]		PAX6-M6 ^[5]	PAX ^{3/16} -N2U		
	PE ^{5/32} ^[5]		PEG10-6 ^[5]		PAX6-01 ^[5]	PAX ^{3/16} -N3U		
	PE ^{3/16} ^[5]		PEG10-8 ^[5]		PAX6-02 ^[5]	PAX ^{1/4} -U10U		
	PE ^{1/4} ^[5]		PEG10-12 ^[5]		PAX6-03 ^[5]	PAX ^{1/4} -N1U		
	PE ^{5/16} ^[5]		PEG12-8 ^[5]		PAX8-01 ^[5]	PAX ^{1/4} -N2U		
	PE ^{3/8} ^[5]		PEG12-10 ^[5]		PAX8-02 ^[5]	PAX ^{1/4} -N3U		
	PE ^{1/2} ^[5]		PEG12-16 ^[5]		PAX8-03 ^[5]	PAX ^{5/16} -N1U		
			PEG16-10 ^[5]		PAX10-01 ^[5]	PAX ^{5/16} -N2U		
			PEG16-12 ^[5]		PAX10-02 ^[5]	PAX ^{5/16} -N3U		
Type	Model code PYøD ^[5]		PEG ^{5/32-3/16} ^[5]	Model code PAXøD-R	PAX10-03 ^[5]	PAX ^{3/8} -N1U		
			PEG ^{5/32-1/4} ^[5]		PAX4-G1	PAX10-04 ^[5]	PAX ^{3/8} -N2U	
			PEG ^{3/16-5/32} ^[5]		PAX6-G1	PAX12-02 ^[5]	PAX ^{3/8} -N3U	
			PEG ^{3/16-1/4} ^[5]		PAX6-G2	PAX12-03 ^[5]	PAX ^{3/8} -N4U	
			PEG ^{1/4-3/16} ^[5]		PAX8-G1	PAX12-04 ^[5]	PAX ^{1/2} -N2U	
			PEG ^{1/4-5/32} ^[5]		PAX8-G2		PAX ^{1/2} -N3U	
			PEG ^{1/4-5/16} ^[5]		PAX8-G3		PAX ^{1/2} -N4U	
			PEG ^{5/16-5/32} ^[5]		PAX10-G2		PAX4-N1U	
			PEG ^{5/16-3/16} ^[5]		PAX10-G3		PAX6-N1U	
			PEG ^{5/16-1/4} ^[5]		PAX12-G3		PAX6-N2U	
			PEG ^{5/16-3/8} ^[5]		PAX12-G4		PAX10-N3U	
			PEG ^{3/8-1/4} ^[5]			Type	Model code	
			PEG ^{3/8-5/16} ^[5]				PVXøD-R ^[5]	PVXøD-RU
			PEG ^{3/8-1/2} ^[5]					
	PEG ^{1/2-5/16} ^[5]							
	PEG ^{1/2-3/8} ^[5]							
Type	Model code PAUøD ^[5]	Type	Model code PWøD ₁ -øD ₂ ^[5]	Tripod Elbow PVX 				
Branch Union Elbow PAU 	PAU4 ^[5]				PVX4-M5 ^[5]	PVX ^{5/32} -U10U		
	PAU6 ^[5]				PVX4-M6 ^[5]	PVX ^{5/32} -N1U		
	PAU8 ^[5]				PVX4-01 ^[5]	PVX ^{5/32} -N2U		
	PAU10 ^[5]				PVX4-02 ^[5]	PVX ^{3/16} -U10U		
	PAU12 ^[5]				PVX6-M5 ^[5]	PVX ^{3/16} -N1U		
	PAU ^{5/32} ^[5]				PVX6-M6 ^[5]	PVX ^{3/16} -N2U		
	PAU ^{3/16} ^[5]				PVX6-01 ^[5]	PVX ^{3/16} -N3U		
	PAU ^{1/4} ^[5]				PVX6-02 ^[5]	PVX ^{1/4} -U10U		
	PAU ^{5/16} ^[5]				PVX6-03 ^[5]	PVX ^{1/4} -N1U		
	PAU ^{3/8} ^[5]				PVX8-01 ^[5]	PVX ^{1/4} -N2U		
	PAU ^{1/2} ^[5]				PVX8-02 ^[5]	PVX ^{1/4} -N3U		
					PVX8-03 ^[5]	PVX ^{5/16} -N1U		
					PVX10-01 ^[5]	PVX ^{5/16} -N2U		
					PVX10-02 ^[5]	PVX ^{5/16} -N3U		
Type	Model code PVUøD ^[5]		PW ^{1/4-4} ^[5]		PVX10-03 ^[5]	PVX ^{3/8} -N1U		
			PW ^{3/16-5/32} ^[5]		PVX10-04 ^[5]	PVX ^{3/8} -N2U		
			PW ^{1/4-3/16} ^[5]		PVX12-02 ^[5]	PVX ^{3/8} -N3U		
			PW ^{1/4-5/32} ^[5]		PVX12-03 ^[5]	PVX ^{3/8} -N4U		
			PW ^{5/16-5/32} ^[5]		PVX12-04 ^[5]	PVX ^{1/2} -N2U		
			PW ^{5/16-1/4} ^[5]			PVX ^{1/2} -N3U		
			PW ^{3/8-1/4} ^[5]			PVX ^{1/2} -N4U		
			PW ^{3/8-5/16} ^[5]			PVX4-U10U		
			PW ^{1/2-5/16} ^[5]					
			PW ^{1/2-3/8} ^[5]					
Tripod Union PVU 	PVU4 ^[5]							
	PVU6 ^[5]							
	PVU8 ^[5]							
	PVU10 ^[5]							
	PVU12 ^[5]							
	PVU ^{5/32} ^[5]							
	PVU ^{3/16} ^[5]							
	PVU ^{1/4} ^[5]							
	PVU ^{5/16} ^[5]							
	PVU ^{3/8} ^[5]							
	PVU ^{1/2} ^[5]							

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Tube Fitting Standard

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

Type	Model code PGJøD ₂ -øD ₁ [5]	Type	Model code PLGJøD ₂ -øD ₁ [5]	Type	Model code PYJøD[5]
Unequal Plug-in Straight PGJ 	PGJ4-6[5] PGJ6-4[5] PGJ6-8[5] PGJ8-4[5] PGJ8-6[5] PGJ8-10[5] PGJ10-4[5] PGJ10-6[5] PGJ10-8[5] PGJ10-12[5] PGJ12-6[5] PGJ12-8[5] PGJ12-10[5] PGJ16-10[5] PGJ16-12[5] PGJ8-1/4[5] PGJ10-1/4[5] PGJ10-5/16[5] PGJ12-1/4[5] PGJ12-5/16[5] PGJ12-3/8[5] PGJ1/4-5/32[5] PGJ5/16-5/32[5] PGJ5/16-1/4[5] PGJ3/8-1/4[5] PGJ3/8-5/16[5] PGJ1/2-1/4[5] PGJ1/2-5/16[5] PGJ1/2-3/8[5]	Unequal Plug-in Elbow PLGJ 	PLGJ6-4[5] PLGJ8-4[5] PLGJ8-6[5] PLGJ10-6[5] PLGJ10-8[5] PLGJ12-8[5] PLGJ12-10[5] PLGJ16-12[5] PLGJ1/4-6[5] PLGJ1/2-12[5] PLGJ1/4-5/32[5] PLGJ1/4-3/16[5] PLGJ5/16-3/16[5] PLGJ5/16-1/4[5] PLGJ3/8-1/4[5] PLGJ3/8-5/16[5] PLGJ1/2-5/16[5] PLGJ1/2-3/8[5]	Plug-in Y PYJ 	PYJ4[5] PYJ6[5] PYJ8[5] PYJ10[5] PYJ12[5] PYJ16[5] PYJ1/4[5] PYJ5/16[5] PYJ3/8[5] PYJ1/2[5]
				Type	Model code PWJøD ₂ -øD ₁ [5]
				Unequal Plug-in Y PWJ 	PWJ6-4[5] PWJ8-6[5] PWJ10-8[5] PWJ12-10[5] PWJ16-12[5] PWJ1/4-5/32[5] PWJ5/16-1/4[5] PWJ3/8-1/4[5] PWJ3/8-5/16[5] PWJ1/2-3/8[5]
				Type	Model code PRJøD ₂ -øD ₁ [5]
				Plug-in Double Y PRJ 	PRJ6-4[5] PRJ8-6[5]
Type	Model code PLJøD[5]	Type	Model code PLLJøD[5]	Type	Model code PRJøD ₂ -øD ₁ [5]
Plug-in Elbow PLJ 	PLJ4[5] PLJ6[5] PLJ8[5] PLJ10[5] PLJ12[5] PLJ16[5] PLJ5/32[5] PLJ1/4[5] PLJ5/16[5] PLJ3/8[5] PLJ1/2[5]	Long Plug-in Elbow PLLJ 	PLLJ4[5] PLLJ6[5] PLLJ8[5] PLLJ10[5] PLLJ12[5] PLLJ5/32[5] PLLJ1/4[5] PLLJ5/16[5] PLLJ3/8[5] PLLJ1/2[5]		
		Type	Model code PLLGJøD ₂ -øD ₁ [5]	Type	Model code PRXøD-R[5]
		Unequal Plug-in Long Elbow PLLGJ 	PLLGJ6-4[5]	Double Branch Y PRX 	PRX4-01[5] PRX4-02[5] PRX6-01[5]
					PRX5/32-N1U PRX5/32-N2U PRX3/16-N1U PRX1/4-N1U PRX1/4-N2U
		Type	Model code PLHJøD[5]	Type	Model code PRGøD ₁ -øD ₂ [5]
		45° Plug-in Elbow PLHJ 	PLHJ8[5] PLHJ10[5] PLHJ12[5] PLHJ16[5]	Unequal Double Y PRG 	PRG6-4[5] PRG8-6[5] PRG3/16-5/32[5] PRG1/4-5/32[5] PRG5/16-1/4[5]



CAD data is available
at PISCO website.



Packaging specifications

10 pcs. /bag: Standard and Light gray spec.
10 pcs. (individual packaging) /bag: Clean-room pkg. spec. and Light gray & Clean-room pkg. spec.
1 pc. /bag: Clean-wash spec.



Options

Code	[5] : -C	[5] : -UC	[5] : W	[5] : W-C
Specifications	Clean-room pkg. (Fill in [5] with "C".)	Clean-wash & Clean-room pkg. * (Fill in [5] with "UC".)	Light gray (Fill in [5] with "W".)	Light gray & Clean-room pkg. (Fill in [5] with "W-C".)

*Rubber material: FKM is not available for Clean-wash spec.



Non-standard options (details ▶ P.893)

- Seal rubber material options: FKM, EPDM or HNBR
- Oil-free
- Copper free spec.
- Release-ring color change (Red)
- ▶ Contact us for the price.

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

Model code			Type	Model code		Type	Model code		
Type	PAøD-R	PAøD-RU		PHWøD-R ^[5]	PHWøD-RU		Type	PAWøD-R ^[5]	PAWøD-RU
Twin Banjo PA 	PA6-G1	PA ^{5/32} -U10U	Double Banjo PHW 	PHW4-01 ^[5]	PHW ^{5/32} -N1U	Double Twin Banjo PAW 	PAW4-01 ^[5]	PAW ^{5/32} -N1U	
	PA8-G2	PA ^{3/16} -N1U		PHW4-02 ^[5]	PHW ^{5/32} -N2U		PAW4-02 ^[5]	PAW ^{5/32} -N2U	
	PA10-G3	PA ^{1/4} -N1U		PHW4-03 ^[5]	PHW ^{1/4} -N1U		PAW4-03 ^[5]	PAW ^{1/4} -N1U	
	PA12-G4	PA ^{5/16} -N2U		PHW6-01 ^[5]	PHW ^{1/4} -N2U		PAW6-01 ^[5]	PAW ^{1/4} -N2U	
	Model code PAøD-R ^[5]	PA ^{3/8} -N3U		PHW6-02 ^[5]	PHW ^{1/4} -N3U		PAW6-02 ^[5]	PAW ^{1/4} -N3U	
	PA4-M5 ^[5]			PHW6-03 ^[5]	PHW ^{5/16} -N2U		PAW6-03 ^[5]	PAW ^{5/16} -N2U	
	PA6-01 ^[5]			PHW8-01 ^[5]	PHW ^{5/16} -N3U		PAW8-01 ^[5]	PAW ^{5/16} -N3U	
	PA8-02 ^[5]			PHW8-02 ^[5]	PHW ^{5/16} -N4U		PAW8-02 ^[5]	PAW ^{5/16} -N4U	
	PA10-03 ^[5]			PHW8-03 ^[5]	PHW ^{3/8} -N2U		PAW8-03 ^[5]	PAW ^{3/8} -N2U	
	PA12-04 ^[5]			PHW8-04 ^[5]	PHW ^{3/8} -N3U		PAW8-04 ^[5]	PAW ^{3/8} -N3U	
		PHW10-02 ^[5]	PHW ^{3/8} -N4U	PAW10-02 ^[5]	PAW ^{3/8} -N4U				
		PHW10-03 ^[5]	PHW ^{1/2} -N3U	PAW10-03 ^[5]	PAW ^{1/2} -N3U				
		PHW10-04 ^[5]	PHW ^{1/2} -N4U	PAW10-04 ^[5]	PAW ^{1/2} -N4U				
Type	Model code		Model code PHWøD-R	Model code		Model code PAWøD-R	Model code		
	PAFøD-R&Rc	PAFøD-R&RcU		PHW12-02 ^[5]	PHW4-N2U		PAW12-02 ^[5]		
Link-up Twin Banjo PAF 	PAF6-G1	PAF ^{1/4} -N1U	Model code PHWøD-R	PHW12-03 ^[5]	PHW6-N1U	Model code PAWøD-R	PAW12-03 ^[5]		
	PAF8-G2	PAF ^{1/4} -N2U		PHW4-G1	PHW12-04 ^[5]		PHW8-N3U		PAW12-04 ^[5]
	PAF10-G3	PAF10-N3U		PHW6-G1	PHW ^{1/4} -01 ^[5]		PHW10-N4U		PAW ^{1/4} -01 ^[5]
	PAF12-G4			PHW6-G2	PHW ^{1/4} -02 ^[5]		PHW12-N4U		PAW ^{1/4} -02 ^[5]
	Model code PAFøD-R&Rc ^[5]			PHW8-G1	PHW ^{1/4} -03 ^[5]				PAW ^{1/4} -03 ^[5]
	PAF4-M5 ^[5]			PHW8-G2	PHW ^{5/16} -02 ^[5]				PAW ^{5/16} -02 ^[5]
	PAF6-01 ^[5]			PHW8-G3	PHW ^{5/16} -03 ^[5]				PAW ^{5/16} -03 ^[5]
	PAF8-02 ^[5]			PHW10-G2	PHW ^{5/16} -04 ^[5]				PAW ^{5/16} -04 ^[5]
	PAF10-03 ^[5]			PHW10-G3	PHW ^{3/8} -02 ^[5]				PAW ^{3/8} -02 ^[5]
	PAF12-03 ^[5]			PHW12-G3	PHW ^{3/8} -03 ^[5]				PAW ^{3/8} -03 ^[5]
PAF12-04 ^[5]	PHW12-G4		PHW ^{3/8} -04 ^[5]		PAW ^{3/8} -04 ^[5]				
Type	Model code PZAøD ^[5]		Type	Model code		Type	Model code		
				PHTøD-R ^[5]	PHTøD-RU		PATøD-R ^[5]	PATøD-RU	
Union Cross PZA 	PZA8 ^[5]		Triple Banjo PHT 	PHT4-01 ^[5]	PHT ^{5/32} -N1U	Triple Twin Banjo PAT 	PAT4-01 ^[5]	PAT ^{5/32} -N1U	
	PZA10 ^[5]			PHT4-02 ^[5]	PHT ^{5/32} -N2U		PAT4-02 ^[5]	PAT ^{5/32} -N2U	
	PZA12 ^[5]			PHT4-03 ^[5]	PHT ^{1/4} -N1U		PAT4-03 ^[5]	PAT ^{1/4} -N1U	
	PZA ^{1/4} ^[5]			PHT6-01 ^[5]	PHT ^{1/4} -N2U		PAT6-01 ^[5]	PAT ^{1/4} -N2U	
	PZA ^{5/16} ^[5]			PHT6-02 ^[5]	PHT ^{1/4} -N3U		PAT6-02 ^[5]	PAT ^{1/4} -N3U	
	PZA ^{3/8} ^[5]			PHT6-03 ^[5]	PHT ^{5/16} -N2U		PAT6-03 ^[5]	PAT ^{5/16} -N1U	
	PZA ^{1/2} ^[5]			PHT8-01 ^[5]	PHT ^{5/16} -N3U		PAT8-01 ^[5]	PAT ^{5/16} -N2U	
		R	PHT8-02 ^[5]	PHT ^{5/16} -N4U	PAT8-02 ^[5]	PAT ^{5/16} -N3U			
			PHT8-03 ^[5]	PHT ^{3/8} -N2U	PAT8-03 ^[5]	PAT ^{5/16} -N4U			
			PHT8-04 ^[5]	PHT ^{3/8} -N3U	PAT8-04 ^[5]	PAT ^{3/8} -N2U			
			PHT10-02 ^[5]	PHT ^{3/8} -N4U	PAT10-02 ^[5]	PAT ^{3/8} -N3U			
			PHT10-03 ^[5]	PHT ^{1/2} -N3U	PAT10-03 ^[5]	PAT ^{3/8} -N4U			
			PHT10-04 ^[5]	PHT ^{1/2} -N4U	PAT10-04 ^[5]	PAT ^{1/2} -N3U			
Type	Model code PZBøD ₁ -øD ₂ ^[5]		Model code PHTøD-R	Model code		Model code PATøD-R	Model code		
				PHT12-02 ^[5]			PAT12-02 ^[5]		
Unequal Cross PZB 	PZB8-6 ^[5]		Model code PHTøD-R	PHT12-03 ^[5]		Model code PATøD-R	PAT12-03 ^[5]		
	PZB10-8 ^[5]			PHT4-G1	PHT12-04 ^[5]			PAT12-04 ^[5]	
	PZB12-10 ^[5]			PHT6-G1	PHT ^{1/4} -01 ^[5]			PAT ^{1/4} -01 ^[5]	
	PZB ^{5/16} - ^{1/4} ^[5]			PHT6-G2	PHT ^{1/4} -02 ^[5]			PAT ^{1/4} -02 ^[5]	
	PZB ^{3/8} - ^{5/16} ^[5]			PHT8-G1	PHT ^{1/4} -03 ^[5]			PAT ^{1/4} -03 ^[5]	
	PZB ^{1/2} - ^{3/8} ^[5]			PHT8-G2	PHT ^{5/16} -02 ^[5]			PAT ^{5/16} -02 ^[5]	
				PHT8-G3	PHT ^{5/16} -03 ^[5]			PAT ^{5/16} -03 ^[5]	
		PHT10-G2	PHT ^{5/16} -04 ^[5]		PAT ^{5/16} -04 ^[5]				
		PHT10-G3	PHT ^{3/8} -02 ^[5]		PAT ^{3/8} -02 ^[5]				
		PHT12-G3	PHT ^{3/8} -03 ^[5]		PAT ^{3/8} -03 ^[5]				
		PHT12-G4	PHT ^{3/8} -04 ^[5]		PAT ^{3/8} -04 ^[5]				
Type	Model code PZCøD ₁ -øD ₂ ^[5]								
Reducing Cross PZC 	PZC8-6 ^[5]								
	PZC10-8 ^[5]								
	PZC12-10 ^[5]								
	PZC ^{5/16} - ^{1/4} ^[5]								
	PZC ^{3/8} - ^{5/16} ^[5]								
	PZC ^{1/2} - ^{3/8} ^[5]								

CAD data is available
at PISCO website.

Packaging specifications

10 pcs. /bag: standard spec. (excluding PHW, PHT, PAW, PAT) and Light grey spec.

10 pcs. (individual packaging) /bag: Clean-room pkg. spec. and Light gray & Clean-room pkg. spec.

1 pc. /bag: PHW, PHT, PAW and PAT, Clean-wash spec.



Options

Code	[5] : -C	[5] : -UC	[5] : W	[5] : W-C
Specifications	Clean-room pkg. (Fill in [5] with "-C".)	Clean-wash & Clean-room pkg. * (Fill in [5] with "-UC".)	Light gray (Fill in [5] with "W".)	Light gray & Clean-room pkg. (Fill in [5] with "W-C".)

*Rubber material: FKM is not available for Clean-wash spec.



Non-standard options (details ▶ P.893)

- Seal rubber material options: FKM, EPDM or HNBR
- Oil-free
- Copper free spec.
- Release-ring color change (Red)
- ▶ Contact us for the price.

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

Order **Non-standard options (details ► P.893)**

- Seal rubber material options: FKM, EPDM or HNBR
- Oil-free
- Copper free spec.
- Release-ring color change (Red)

► Contact us for the price.



Make to Order Production

Order Production Index

Based on the standard products, "Special specification option" on parts for matching operating environment or "Special appearance option" for matching a color for operating environment can be selected and ordered by just adding prearranged extension code of options.

*PISCO welcomes an inquiry of custom-made product, which is not listed in this catalog.
Please feel free to contact nearest PISCO office.

PISCO flexibly corresponds to non standard products that meet the needs of our customers.



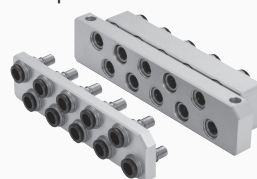
Visit PISCO web site for video about Non-standard products.
<https://www.pisco.co.jp/en/product/special/>



Tube penetration type
Tube Fitting



Tube Fitting unequal
port combinations



Multiple Coupling



Bulk Packaging (Tube Fitting,
Control, Vacuum Pad)

G thread spec.



Fittings with mm size tube diameter and parallel pipe thread are available.
Contact us for inquiry.

● Applicable model

Fitting Tube Fitting, Tube Fitting Mini



Inch NPT spec.



● Applicable model

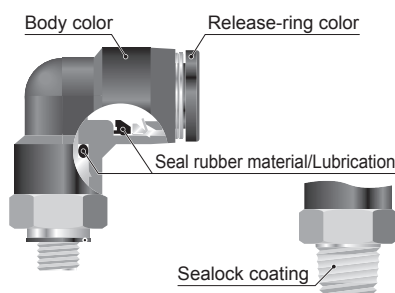
Fitting Tube Fitting, Tube Fitting Mini, Die Temperature Control Fitting, Rotary Joint, High Rotary Joint, Connector, Light Coupling

Control Speed Controller, Speed Controller Large-flow type, Orifice Flow Speed Controller, Throttle (Needle) Valve, Quick Exhaust Valve, Orifice Fitting, Pressure Regulator Push-lock type, Pressure Controller, Check Valve, Pressure Gauge

Valve Change Valve, Hand Valve, Ball Valve, Mechanical Valve



Special options



▶ Color option

Light-gray color option for resin body and release-ring.

▶ Seal rubber material option

Seal Rubber Selection: FKM, EPDM or HNBR.

▶ Oil-free option

Assembled without intentional use of oil, oil contamination into fluid medium can be prevented.

▶ ~~Non-purple option~~

~~Restraining generation of Cu ion or Fe ion from the product.~~

~~With this option, Check Valve and Stop Fitting, etc. do not have marking on the body parts. Please refer to the piping.~~

▶ Release-ring color option

Changeable to Red Color

Non-purple spec. option will no longer be available after March 31, 2025. Please see "Discontinuation notice of Non-purple spec. option" on the last page.

Model Designation (Example)

PL6-01 (1) **W** (2) **-F** (3) **-D** (4) (5)

(1) **Model code** (See the next page for available products.)

(2) **Body color** (Resin body color)

Code	W	No code
Color	Light gray	Standard

*When light-gray (W) is selected for body color, the metric (mm) size release-ring color is light-gray even for combination with any other options (except when red release-ring is specified). The color of release-ring of inch tube dia. is always white.

(3) **Seal rubber material**

Code	-F	-E	-HN	No code
Material	FKM	EPDM (Oil-free)	HNBR	Standard seal rubber

*1. For FKM (-F) specification, the color of metric (mm) size release-ring is brown, while inch tube dia. is white. FKM (-F) specification is not available with non-purple (-P) specification.

*2. For EPDM (-E) specification, the product is assembled as oil-free specification. The color of metric (mm) release-ring is yellow.

*3. EPDM (-E) specification can not be selected for the products with M3 or M6 threads or with inch tube dia.

(4) **Lubrication**

Code	-D	-P	No code
Option	Oil-free	Non-purple	Standard

*1. The metric (mm) size release-ring color of oil-free (-D) specification is yellow, while inch tube dia. is white.

*2. The product with oil-free (-D) specification is assembled without intentional use of lubrication in standard process. Therefore the problem of reducing airtightness or increasing frictions of rubber parts may be resulted.

~~*3. Non-purple (-P) option is not available with seal rubber material FKM. The Seal lock coating for Non-purple option.~~

Non-purple spec. option will no longer be available after March 31, 2025. Please see "Discontinuation notice of Non-purple spec. option" on the last page.

(5) **Release-ring color**

Code	-RR	No code
Color	Red	Standard

Reference Chart of Special Options

○: Available, ×: Not available

Product series	Standard specification						Special specification												
	Body color and Packaging/ Cleaning option	Resin body color	Release-ring color	Seal rubber material	Lubrication	Thread sealing	(1)	(2)			(3)		(4)						
							Body color	Seal rubber material			Lubrication	Release-ring color							
							Light gray W ^{*1}	FKM -F ^{*2}	EPDM -E ^{*3}	HNBR -HN	Oil-free option -D ^{*4}	Non-purple -P ^{*5}	Red -RR						
Tube fitting	Standard	Black	Black	NBR	Turbin oil		×	○ ^{*5}	○	○	○	○							
	Light gray	Light gray	Light gray		Standard spec.		○	○ ^{*6}					○	○	×	×			
	Clean-room pkg.	Light gray	Light blue		×												○	○	○
	Light gray + Clean-room pkg.	Light gray	Light gray		Standard spec.												○	○	○
	Clean wash + Clean-room pkg.	Light gray	Light blue		Oil-free option												×	×	○ ^{*6}
Tube fitting Mini	Standard	Black	Black	NBR	Turbin oil		×	○ ^{*5,*10}	○ ^{*10}	○ ^{*10}	○	○							
	Light gray	Light gray	Light gray		Standard spec.		○ ^{*10}	○ ^{*6,*10}					○	○	×	×			
	Clean-room pkg.	Light gray	Light blue		×												○ ^{*6,*10}	○	○
	Light gray + Clean-room pkg.	Light gray	Light gray		Standard spec.												○ ^{*10}	○	○
Tube Fitting SUS304	Standard	Black	Dark blue	FKM	Turbin oil	Sealock coating	×	Standard spec.	○ ^{*7}	○	○ ^{*7}	×	△ ^{*17}						
Tube Fitting Stainless SUS303 equivalent corrosivity	Standard	Black	Dark blue	HNBR	Turbin oil	Sealock coating	○	○	○ ^{*7,*15}	Standard spec.	○ ^{*7}	○	○						
	Clean wash + Clean-room pkg.	Black	Dark blue		Oil-free option		×	×			Standard spec.	×							
Tube Fitting Anti-static	Standard	Black	Black	NBR	Turbin oil	Sealock coating	×	○	○ ^{*8}	○	○ ^{*8}	○	△ ^{*17}						
Tube fitting Brass	Standard	—	—	HNBR	Turbin oil	Sealock coating	×	—	×	Standard spec.	○	○	×						
				FKM				Standard spec.		—									
Tube fitting Long	Standard	—	Black	NBR	Turbin oil	Sealock coating	×	○ ^{*5}	○	○	○	○	○						
Main block	Standard	Black	Black	NBR	Turbin oil	Sealock coating	×	○ ^{*5}	○	○	△ ^{*17}	×	○						
	Light gray	Light gray	Light gray				Standard spec.	○											
Connector	Standard	Black	Black	NBR	Turbin oil	—	×	○ ^{*5}	○	○	○	×	○						
Speed controller ^{*14}	Standard	Black	Black	NBR	Turbin oil	Sealock coating	×	○ ^{*13}	○ ^{*10}	○ ^{*10,*11}	△ ^{*17}	○	○						
	Light gray	Light gray	Light gray		Standard spec.		○ ^{*10,*11,*12}	○ ^{*6,*10}						○ ^{*10}	×	×			
	Clean-room pkg.	Light gray	Light blue		×												○ ^{*6,*10}	○	○
	Light gray + Clean-room pkg.	Light gray	Light gray		Standard spec.												○ ^{*10}	○	○
Speed controller SUS303 equivalent corrosivity	Standard	Black	Dark blue	HNBR	Turbin oil	Sealock coating	○	○ ^{*11,*12}	○ ^{*7}	Standard spec.	△ ^{*17}	○	○						
Needle valve	Standard	Black	Black	NBR	Turbin oil	Sealock coating	×	○ ^{*5,*12}	○	○	△ ^{*17}	○	○						
	Light gray	Light gray	Light gray		Standard spec.		○ ^{*12}	○ ^{*6}						○	×	×			
	Clean-room pkg.	Light gray	Light blue		×												○	○	○
	Light gray + Clean-room pkg.	Light gray	Light gray		Standard spec.												○	○	○
Orifice fitting	Standard	Black	Black	NBR	Turbin oil	Sealock coating	○	○	○	○	○	○ ^{*16}	○ ^{*9}						
Check valve (Metal type)	Standard	—	Black	NBR	Turbin oil	Sealock coating	×	○	×	×	△ ^{*17}	○	○						
Check valve (Resin type)		Light gray	Light gray				Standard spec.												
Check Valve for Low Operating Pressure	Standard	Light gray	Light gray	HNBR (Elastic sleeve)	Turbin oil	—	Standard spec.	○ (Elastic sleeve)	○ (Elastic sleeve)	Standard spec.	○	×	○						
				FKM (Valve packing)				Standard spec.	×	×									

*1. When light-gray (-W) is selected for body color, the release-ring color of metric (mm) tube dia. is light-gray even for combination with any other options, except when Red color (-RR) is selected. The color of release-ring of inch tube dia. is always white.

*2. Non-purple spec. option is not available with seal rubber material FKM.

*3. For EPDM (-E) specification of sealing material, the product is assembled as oil-free specification. The color of release-ring of metric (mm) tube size is yellow, except the combination with light-gray specification, which has light-gray release-ring. EPDM (-E) specification is not available for the products with M3 or M6 threads or inch tube dia.

*4. Release-ring color: Yellow (When with light-gray specification, the release-ring color is light-gray.)

*5. Release-ring color: Brown

*6. Release-ring color: Light-blue

*7. Release-ring color: Dark-blue

*8. Release-ring color: Black

*9. Release-ring color: Red is not available with body color Light-gray.

*10. Not available for Tube dia. ø1.8 mm and ø2 mm.

*11. Not available for Low cracking pressure type.

*12. Not available for the products with M3 thread.

*13. See *5, *10, *11 and *12.

*14. Applicable types: JSC, JSS and JSM for Standard series, JSC-H for High Flow series, JSC-L and JSS-L for Low Flow series, JKC and JKL for Constant Flow series.

*15. Gasket material for Metric thread : PPS

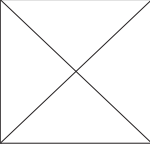
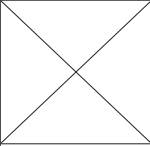
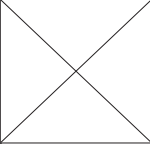
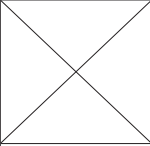
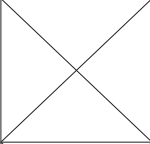
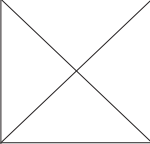
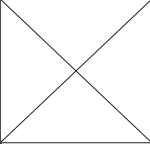
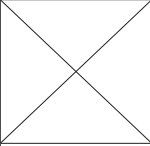
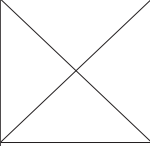
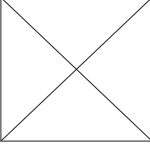
*16. Orifice bore 0.1 mm and 0.2 mm is not available.

*17. Contact us for inquiry.

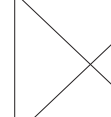
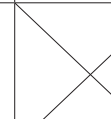
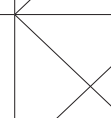
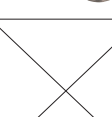
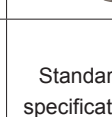
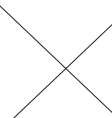
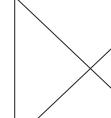
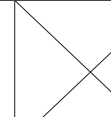
Non-purple spec. option will no longer be available after March 31, 2025. Please see "Discontinuation notice of Non-purple spec. option" on the last page.

*Consult PISCO for any inquiry of special-made product, which is not listed in this catalog.

Reference Chart of Appearance Color Combination with Special Options (Fitting with Metal body)

Product series	Resin color or Option	Tube dia. size		Seal rubber material		Lubrication	Release-ring color
				-F	-E	-D	-RR
				FKM	EPDM	Oil-free option	Red
Tube fitting Tube fitting Mini	—	mm size					
		inch size					
	Light gray	mm size					
	Clean-room pkg.	mm size					
		inch size					
	Light gray + Clean-room pkg.	mm size					
Tube fitting	Clean wash + Clean-room pkg.	mm size				Standard specification	
		inch size				Standard specification	
Tube Fitting SUS304	—	mm size		Standard specification			
Tube Fitting Stainless SUS303 equivalent corrosivity	—	mm size					
	Light gray	mm size					
	Clean wash + Clean-room pkg.	mm size				Standard specification	

Reference Chart of Appearance Color Combination with Special Options (Fitting with Resin body)

Product series	Resin color or Option	Tube dia. size		Seal rubber material		Lubrication	Release-ring color	
				-F	-E	-D	-RR	
				FKM	EPDM	Oil-free option	Red	
Tube fitting Tube fitting Mini	—	mm size						
		inch size						
	Light gray	mm size						
		inch size						
	Clean-room pkg.	mm size						
		inch size						
	Light gray + Clean-room pkg.	mm size						
		inch size						
	Tube fitting	Clean wash + Clean-room pkg.	mm size				Standard specification	
			inch size				Standard specification	
	Tube Fitting SUS304	—	mm size		Standard specification			
	Tube Fitting Stainless SUS303 equivalent corrosivity	—	mm size					
Light gray		mm size						
Clean wash + Clean-room pkg.		mm size				Standard specification		

Reference Chart of Appearance Color Combination with Special Options (Controllers)

Product series	Resin color or Option	Tube dia. size		Seal rubber material		Release-ring color
				-F	-E	-RR
				FKM	EPDM	Red
Speed controller Throttle (needle) valve	—	mm size				
		inch size				
	Light gray	mm size				
		inch size				
	Clean-room pkg.	mm size				
		inch size				
	Light gray + Clean-room pkg.	mm size				
		mm size				
		mm size				
		mm size				

To: PISCO Distributors
Attn: To Whom It May Concern
Date: September 2024

Discontinuation notice of Non-purple spec. option

We would like to express our sincere gratitude for your continued patronage.
We would like to inform you that the Non-purple spec., which was available as Special specification option, is discontinued, and its manufacturing and sales will be terminated as of the end of March, 2025.
Thank you for your understanding.

Details

- | | |
|-------------------------|--|
| 1. Discontinued option | <p>Make-to-order option, Special specification: Non-purple spec.
 Model code (Ex.): PL6-01-<u>P</u>
 *"-P" at the end of the model code</p> <p>Non-purple spec: For the Non-purple spec., fluorine ions and copper ions, which were undesirable in the manufacturing line of cathode ray tube televisions, are suppressed by not applying Sealock (fluorine-based thread sealant) to the products. Thus, Non-purple spec. is equivalent to No-Sealock spec.</p> |
| 2. Reason | To update and expand applicable products by reviewing specifications to match the current situation. |
| 3. Discontinuation Date | <u>March 31, 2025</u> |
| 4. Replacement | <p>Make-to-order option, Special specification: No-Sealock spec.
 Model code (Ex.): PL6-01-<u>NS</u>
 *"-NS" at the end of the model code
 *The list price remains the same.</p> |

		Thread sealant (Sealock)	Rubber material (Std. NBR)	Gasket material (Std. NBR)	Lubrication (Std. Turbine oil)	Marking	Applicable products
Discontinued	-P: Non-purple	Not applied	Fluorine materials are not selectable.			Not available	Some models of Tube Fitting
Replacement	-NS: No-Sealock	Not applied	Fluorine materials are selectable			Available	Tube Fitting, Speed Controller, Needle Valve, Check Valve, etc.

Please make inquiries to the following sales office.

Overseas Sales Department
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E-mail: intl@pisco.co.jp URL: <https://pisco.co.jp/en/>