

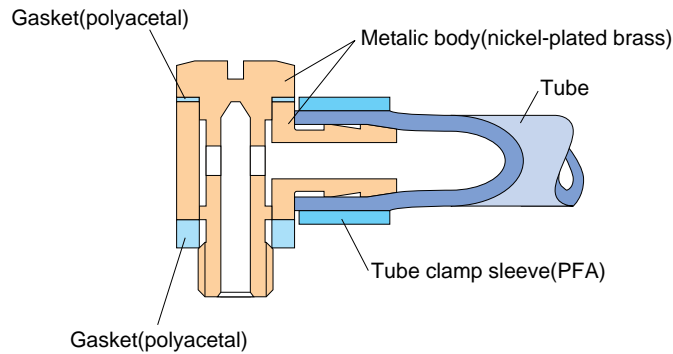
New

Ultra-Small Barb Joint for Pneumatic Piping Minimal Fitting Clean-room Ready

Features

- The Minimal Joint models are ultra-small barb joints for pneumatic piping.
- They prove most effective in piping with small equipment or space-saving piping.
- Non-spattering lubrication prevents spattering in clean-room.
- Electroless nickel plating on brass prevents the generation of dust.
- Products are processed and packaged under clean-room conditions of class 1000.
- Delivered in antistatic deaeration package to minimize sticking dust.

Construction



Specification

Fluid admitted	Air
Service pressure range	0~73 psi(0~0.5MPa)
Working vacuum	-28in.Hg(-93kPa)
Service temperature range	32~122°F(0~50°C)

Model Designation(Example)

Model Designation: **LC (1) 0425 (2) M5 (3) C (4)**

(1) Type

(2) Tube dia.

Code	0425	0640
O.D.(mm)	φ4	φ6
I.D.(mm)	φ2.5	φ4

Thread size

Code	FM5
Size(mm)	M5×0.8 (Female thread)

(3) Installation thread size

Code	M5	M6
Size(mm)	M5×0.8 (male thread)	M6×1 (male thread)

(4) Clean-room specification(code : C)

*Be sure to specify "C" ; otherwise, the standard type will be delivered.

⚠ Detailed Safety Instruction

Before using the PISCO device, be sure to read the "Safety Instructions", "Common Safety Instructions for Products Listed in this Manual" on page 23~24 and "Common Safety Instructions for Quick-Fitting Joint" on page 29~31.

⚠ Caution

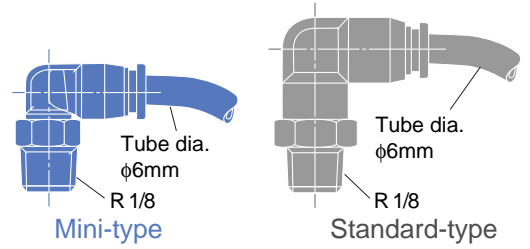
1. Insert the tube completely to the end of barb. Incomplete insertion may result in the coming off of the tube or leakage.
2. When you use an ultrasoft tube, fit a tube clamp sleeve (LS) on the connecting end of the tube. Otherwise the tube may come off, thus causing leaks.

New

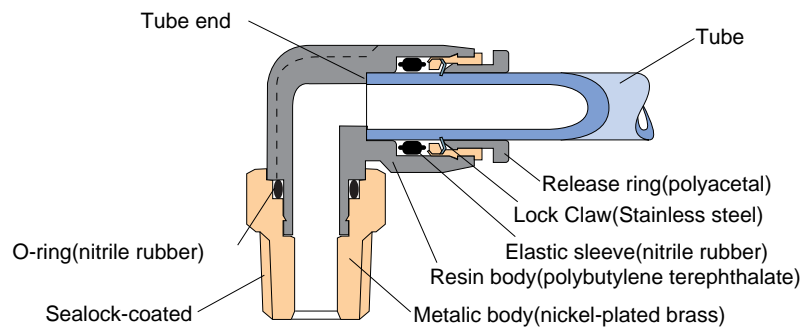
Quick-fitting Joint for Pneumatic Piping Tube Fitting Mini-type Clean-room Ready

Features

- The ultra-small quick-fitting joint is used in pneumatic piping.
- This quick-fitting joint is 40% smaller than the standard type Tube Fitting.
- The elliptical, ultra-small release ring facilitates connecting and disconnecting the tube.
- Non-spattering lubrication prevents spattering in clean-room.
- Electroless nickel plating on brass prevents the generation of dust.
- Products are processed and packaged under clean-room conditions of class 1000.
- Delivered in antistatic deaeration package to minimize sticking dust.
- A light blue-used on the resin body and release ring symbolizes PISCO's commitment to a clean environment.



Construction



Specification

Fluid admitted	Air
Service pressure range	0~150 psi (0~0.9MPa)
Working vacuum	-29.5in.Hg (-100kPa)
Service temperature range	32~140°F (0~60°C)
Thread seal	with sealock (PT thread)

Model Designation(Example)

PC 4 = M5 M C

(1) Type (2) Tube dia. (3) Thread size (4) Mini-type (Code : M) (5) Clean-room Ready (code : C)

(1) Type

(2) Tube dia.

Tube dia.	mm size	
Code	4	6
Size(mm)	φ4	φ6

(3) Thread size

Thread size	Metric thread(mm)	Taper pipe thread	Cartridge type(mm)
Code	M3 M5 M6	01	M6 M8
Size	M3×0.5 M5×0.8 M6×1	R1/8	M6×0.75 M8×0.75

*When (3) is tube size, choose tube size from (2).

(4) Mini-type (Code : M)
*Be sure to specify "M"; otherwise, the standard type will be delivered.

● Release ring X, Y

Thread size	φ4	φ6
X	10mm	12mm
Y	8mm	10mm

(5) Clean-room Ready (code : C)
*Be sure to specify "C"; otherwise, the standard type will be delivered.

⚠ Detailed Safety Instruction

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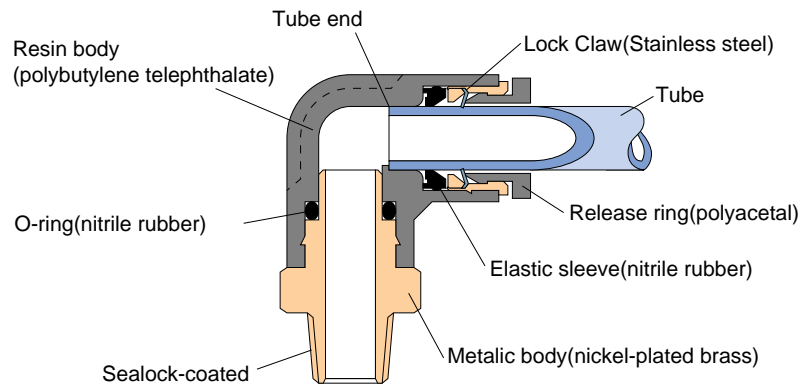
New

Quick-fitting Joint for Pneumatic Piping Tube Fitting Clean-room Ready

Features

- This quick-fitting joint is used in pneumatic piping.
(Use with water is possible depending on the conditions.)
- The Tube Fitting comes in a wide variety of models to meet all your needs in pneumatic piping.
- Even after installation, due to the rotation of resin body around metal body the direction of the tubing can be changed freely.
- Non-spattering lubrication prevents spattering in clean-room.
- Electroless nickel plating on brass prevents the generation of dust.
- Products are processed and packaged under clean-room conditions of class 1000.
- Delivered in antistatic deaeration package to minimize sticking dust.

Construction



Specification

Fluid admitted	Air
Service pressure range	0~150 psi (0~0.9MPa)
Working vacuum	-29.5 in.Hg (-100kPa)
Service temperature range	32~140°F (0~60°C)
Thread seal	with sealock(PT thread)

Model Designation(Example)

PC 6 = 01 C

(1) Type (2) Tube dia. (3) Thread size (4) Clean-room specification(code : C)

When (2) is thread size, choose thread size from (3).

Tube dia.	mm size				
Code	4	6	8	10	12
Size(mm)	φ4	φ6	φ8	φ10	φ12

Thread size	Metric thread(mm)	
Code	M5	M6
Size(mm)	M5×0.8	M6×1

Thread size	Taper pipe thread			
Code	01	02	03	04
Size	R1/8	R1/4	R3/8	R1/2

When (3) is tube dia., choose tube dia. from (2).

*Be sure to specify "C" ; otherwise, the standard type will be delivered.

⚠ Detailed Safety Instruction

Before using the PISCO device, be sure to read the "Safety Instructions", "Common Safety Instructions for Products Listed in this Manual" on page 23~24 and "Common Safety Instructions for Quick-Fitting Joint" on page 29~31.

⚠ Caution

1. When the fluid admitted is water, do not use the PISCO device unless the application satisfies all the conditions required in Specifications. Otherwise damage may be caused to the joint body, the tube may come off or leakage may result.