

**New**

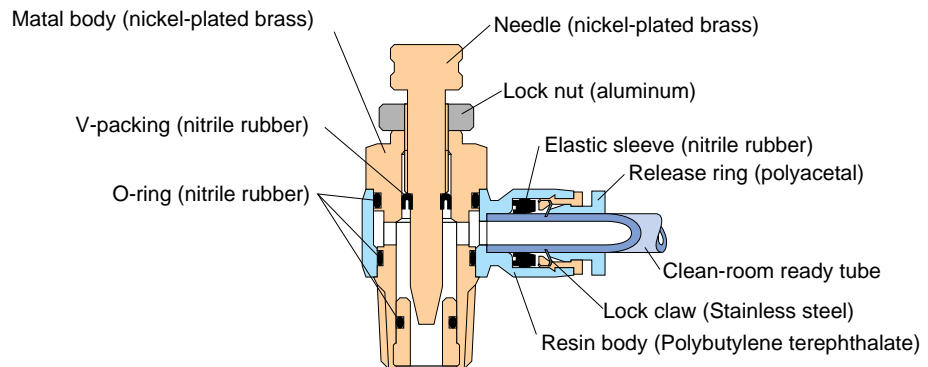
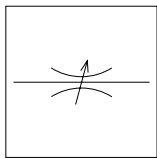
# Quick Fitting Type Speed Control Valve Throttle (Needle) Valve Clean-room Ready

## Features

- The throttle valve controls the operation speed of pneumatic device and the transmission of air pressure signals.
- The flow rate can be adjusted while the air is flowing.
- 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

Graphical representation



## Specification

Fluid admitted	Air	
Service pressure range	0~150psi	0 ~ 0.9MPa(0 ~ 9kgf/cm <sup>2</sup> )
Working pressure	-29.5 in Hg	-750mmHg(10Torr)
Service temperature range	32~140°F	0 ~ 60°C
Thread seal	With sealock (PT thread)	

## Model Designation (Example)

JNC 6 = 01 C

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

Code	mm Size				
	4	6	8	10	12
Size(mm)	φ4	φ6	φ8	φ10	φ12

Code	Metric thread(mm)	Taper pipe thread			
	Size	M5×0.8	R1/8	R1/4	R3/8
01					
02					
03					
04					

\*Be sure to specify "C", otherwise 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 pages 23~24 and "Common Safety Instructions for Controllers" on pages 167~168.

### ⚠ Warning

1. Adjust the speed of the actuator by opening the needle gradually from the fully closed position. With the needle open, there are chances of the actuator flying out. Turn the needle clockwise to close or counterclockwise to open.
2. Do not subject the product with a rotatable resin to forcible swinging or rotation. Otherwise the body may suffer damage or develop leakage.

### ⚠ Caution

1. The throttle valve is designed to tolerate some air leakage at fully closed position. Therefore do not use it for applications that permits no air leakage.