

Tube Fitting Stainless SUS316 Series

Characteristics

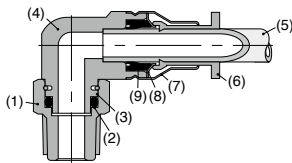
- All the parts except the sealing part are made of SUS316, which is highly resistant to corrosion. The seal is fluoric rubber that displays great chemical resistance. The parts are all of oil-free specification and in compliance with the Food Sanitation Act, so that this series can be used with food processing, chemicals, medical care, semiconductor manufacture, etc.

Specifications

Fluid medium	Air, water *1, *2, other *1, *2, *3
Max. operating pressure	150psi (1MPa)
Max. vacuum	-29.5in. Hg (-100kPa)
Operating temp. range	5~248°F (-15~120°C)

*1. Depending on use with chemicals or gas mixtures, there may be cases in which our specifications are not suitable. Be sure to confirm the specification compatibility before using our joint.
 *2. Insert rings are recommended for use with fluids or water.
 *3. Please limit the level of surge pressure to the maximum operating pressure or less when using water or fluid.

Construction



No	Parts	Material
(1)	Screw thread body	SUS316
(2)	O-ring	FKM
(3)	C-ring	SUS316
(4)	Metallic body	SUS316
(5)	Tube	fluoric or polyamide
(6)	Collet	SUS316
(7)	Cover	SUS316
(8)	Plate	SUS316
(9)	Seal packing	FKM

* Gasket material of metric (M) thread is SUS316 + FKM. No Sealock coat is provided for taper pipe thread.

Model Designation (Example)



- (1) Type
 (2) Tube dia. (øD)

Code	mm size					
	4	6	8	10	12	16
Dia	ø4	ø6	ø8	ø10	ø12	ø16

- (3) Thread size (T)

Code	Metric thread		Taper pipe thread		
	M5	O1	O2	O3	O4
size	M5×0.8	R1/8	R1/4	R3/8	R1/2

- (4) Grease option

Code	No code	X
Specification	Oil-free (Conventional product)	Non-splash grease coating (Non-splash grease coating is applied to seal packing)

- (5) Thread sealing option

TP: Seal tape is applied. (Not available for M thread model.)
No code: No seal tape is applied.

- (6) Package option

Code	No code	C
Specification	Std. pkg	Clean-room pkg

► In case of ordering, please apply Model code in the following chart.

Detailed Safety Instructions

Before using the PISCO device, be sure to read the "Safety Instructions", "Common Safety Instructions for Products Listed in This Manual" on page 13 to 15 and "Common Safety Instructions for Quick-Fitting Joint" on page 18 to 19.

- △ Warnings:
- When the fluid admitted is a chemical, be sure to contact PISCO for guidance. Depending on usage, damage may be caused to the joint body, the tube come off or leakage may result.
 - When the fluid admitted is a liquid, use an insert ring. Without the use of an insert ring, the tube may come off or leakage may occur.
 - After connecting the tube, be sure to pull the tube toward you and make certain that it does not come off. If the tube comes off, pull the collet once (see table below), connect the tube again and check for proper connection by pulling it again.
 - Please do not use it under the conditions from which the fitting gets fluctuations or shocks. There is a danger of becoming a cause of breakage, releasing tube, and leak.




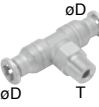

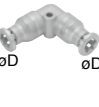
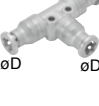



- △ Caution:
- Note that the taper pipe thread is not Sealock-treated. When you use seal tape or sealant on the thread, apply the tape or sealant about 1.5 or 2 thread ridges away from the thread end.
 - The corrosiveness and dust generation of the fittings change with environment. When bad influence to machine or equipment is concerned, please evaluate it by test run according to actual operating condition beforehand.

Tube dia. (mm)	Tensile force of collet
ø4	5N (1.1lbf)
ø6	15N (3.4lbf)
ø8	15N (3.4lbf)
ø10	15N (3.4lbf)
ø12	25N (5.6lbf)
ø16	25N (5.6lbf)



The products listed in this page are ECO-friendly products.

* Please refer to page 4 for the details of ECO-friendly products.

SSC Straight  Model SSCøD-T (4)(5)(6) SSC4-M5 (4)(5)(6) SSC4-01 (4)(5)(6) SSC6-M5 (4)(5)(6) SSC6-01 (4)(5)(6) SSC6-02 (4)(5)(6) SSC8-01 (4)(5)(6) SSC8-02 (4)(5)(6) SSC10-02 (4)(5)(6) SSC10-03 (4)(5)(6) SSC12-03 (4)(5)(6) SSC12-04 (4)(5)(6) SSC16-04 (4)(5)(6)	SSOC Inner Hex. Straight  Model SSOCøD-T (4)(5)(6) SSOC4-M5 (4)(5)(6) SSOC4-01 (4)(5)(6) SSOC6-M5 (4)(5)(6) SSOC6-01 (4)(5)(6) SSOC6-02 (4)(5)(6) SSOC8-01 (4)(5)(6) SSOC8-02 (4)(5)(6) SSOC10-02 (4)(5)(6) SSOC10-03 (4)(5)(6) SSOC12-03 (4)(5)(6) SSOC12-04 (4)(5)(6) SSOC16-04 (4)(5)(6)	SSL Elbow  Model SSLøD-T (4)(5)(6) SSL4-M5 (4)(5)(6) SSL4-01 (4)(5)(6) SSL6-M5 (4)(5)(6) SSL6-01 (4)(5)(6) SSL6-02 (4)(5)(6) SSL8-01 (4)(5)(6) SSL8-02 (4)(5)(6) SSL10-02 (4)(5)(6) SSL10-03 (4)(5)(6) SSL12-03 (4)(5)(6) SSL12-04 (4)(5)(6) SSL16-04 (4)(5)(6)
SSB Branch Tee  Model SSBøD-T (4)(5)(6) SSB4-M5 (4)(5)(6) SSB4-01 (4)(5)(6) SSB6-M5 (4)(5)(6) SSB6-01 (4)(5)(6) SSB6-02 (4)(5)(6) SSB8-01 (4)(5)(6) SSB8-02 (4)(5)(6) SSB10-02 (4)(5)(6) SSB10-03 (4)(5)(6) SSB12-03 (4)(5)(6) SSB12-04 (4)(5)(6) SSB16-04 (4)(5)(6)	SSU Union Straight  Model SSUøD (4)(6) SSU4 (4)(6) SSU6 (4)(6) SSU8 (4)(6) SSU10 (4)(6) SSU12 (4)(6) SSU16 (4)(6)	SSV Union Elbow  Model SSVøD (4)(6) SSV4 (4)(6) SSV6 (4)(6) SSV8 (4)(6) SSV10 (4)(6) SSV12 (4)(6) SSV16 (4)(6)
SSE Union Tee  Model SSEøD (4)(6) SSE4 (4)(6) SSE6 (4)(6) SSE8 (4)(6) SSE10 (4)(6) SSE12 (4)(6) SSE16 (4)(6)	SSG Unequal Union Straight  Model SSGøD-øD ₂ (4)(6) SSG6-4 (4)(6) SSG8-6 (4)(6) SSG10-8 (4)(6) SSG12-10 (4)(6) SSG16-12 (4)(6)	SSY Union Y  Model SSYøD (4)(6) SSY4 (4)(6) SSY6 (4)(6) SSY8 (4)(6) SSY10 (4)(6) SSY12 (4)(6) SSY16 (4)(6)
	SSM Bulkhead Union  Model SSMøD (4)(6) SSM4 (4)(6) SSM6 (4)(6) SSM8 (4)(6) SSM10 (4)(6) SSM12 (4)(6) SSM16 (4)(6)	



Cautions

- 1 pc. in a bag
- The model with low sales average may be build to order production. For details, please contact Pisco sales office or sales representative.



Options

- Seal tape on thread
- Non-splush Fluoric grease
- Clean-room pkg.
- For (4), please select a grease option
- For (5), please select a thread sealing option
- For (6), please select a pkg option

Fitting Control Valve Vacuum Actuator Tube Plarailchain Robot Parts