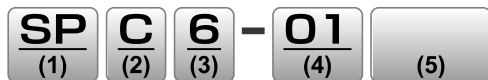


⚠ Safety instructions for this product

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 Stainless SUS303 Equivalent Corrosivity

(2) Type

(3) Tube dia. (øD)

Code	4	6	8	10	12	16
Tube O.D. (mm)	ø4	ø6	ø8	ø10	ø12	ø16

(4) Thread size(R)

Code	Metric thread		Taper pipe male thread			
	M5	M6	01	02	03	04
Male thread size	M5×0.8	M6×1	R1/8	R1/4	R3/8	R1/2

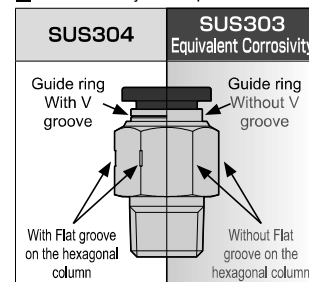
* In case that (4) indicates tube dia., select tube dia. from table (3).

(5) Wash & Packaging spec. (Optional)

Code	No code	-UC
Specifications	No clean wash, Standard pkg.	Clean-wash & Clean-room pkg.

* SPHW, SPHT, SPAW, SPAT is not compatible with clean washing and clean room pkg. spec.

How to identify similar products



Characteristics

Special stainless steel, which corrosive resistance is equivalent to SUS303 stainless steel is used.

This tube fitting serves best where strength is required or in a corrosive atmosphere.

Copper Alloy free.

Seal rubber material is suitable for low level ozone resistance.

HNBR is used for seal rubber material.

Clean-wash spec. (Optional)

For manufacturing process where particles and oil should be avoided.

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



Specifications

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

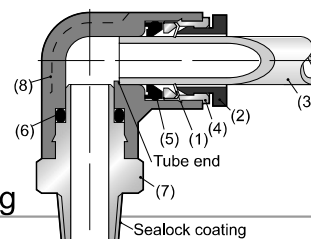
⚠ Warning

* 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. Be sure to use Insert Ring (WR) when using water or liquid as a fluid medium.

Sectional drawing

Elbow type: SPL



No.	Parts	Material
(1)	Lock-claws	Stainless steel
(2)	Release-ring	POM
(3)	Tube	Fluororesin (PFA), (FEP) or Polyamide, etc.
(4)	Guide ring	Special stainless steel (Austenite or ferritic)*2
(5)	Elastic sleeve	HNBR
(6)	O-ring	HNBR
(7)	Metallic body	Special stainless steel (Austenite or ferritic) or SUS303.*1,2
(8)	Resin body	PBT

*1. The gasket of Metric thread is PPS.

*2. The corrosive resistance is equivalent to SUS303.

*3. SPHW, SPHT, SPAW, and SPAT use FKM and POM as part of the seal material in contact with the fluid.

*4. SPML uses NBR for nut stops.

Tube Fitting Stainless SUS303 Equivalent Corrosivity

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

Type	Model code SPCøD-R[5]	Type	Model code SPLøD-R[5]	Type	Model code SPBøD-R[5]
Straight SPC 	SPC4-M5[5] SPC4-M50[5]* SPC4-M6[5] SPC4-01[5] SPC4-02[5] SPC6-M5[5] SPC6-M6[5] SPC6-01[5] SPC6-02[5] SPC6-03[5] SPC8-01[5] SPC8-02[5] SPC8-03[5] SPC10-01[5] SPC10-02[5] SPC10-03[5] SPC10-04[5] SPC12-02[5] SPC12-03[5] SPC12-04[5] SPC16-03[5] SPC16-04[5]	Elbow SPL 	SPL4-M5[5] SPL4-M6[5] SPL4-01[5] SPL4-02[5] SPL6-M5[5] SPL6-M6[5] SPL6-01[5] SPL6-02[5] SPL6-03[5] SPL8-01[5] SPL8-02[5] SPL8-03[5] SPL10-01[5] SPL10-02[5] SPL10-03[5] SPL10-04[5] SPL12-02[5] SPL12-03[5] SPL12-04[5] SPL16-03[5] SPL16-04[5]	Branch Tee SPB 	SPB4-M5[5] SPB4-M6[5] SPB4-01[5] SPB4-02[5] SPB6-M5[5] SPB6-M6[5] SPB6-01[5] SPB6-02[5] SPB6-03[5] SPB8-01[5] SPB8-02[5] SPB8-03[5] SPB10-01[5] SPB10-02[5] SPB10-03[5] SPB10-04[5] SPB12-02[5] SPB12-03[5] SPB12-04[5] SPB16-03[5] SPB16-04[5]
*SPC4-M50 [5] is a slim type of SPC4-M5 [5]. (Wrench size: 8 mm)					
Type	Model code SPOCøD-R[5]	Type	Model code SPHøD-R[5]	Type	Model code SPDøD-R[5]
Inner Hex. Straight SPOC 	SPOC4-M5[5] SPOC4-01[5] SPOC6-M5[5] SPOC6-01[5] SPOC6-02[5] SPOC8-01[5] SPOC8-02[5] SPOC8-03[5] SPOC10-01[5] SPOC10-02[5] SPOC10-03[5] SPOC10-04[5] SPOC12-02[5] SPOC12-03[5] SPOC12-04[5]	Banjo type SPH 	SPH4-M5[5] SPH4-01[5] SPH6-M5[5] SPH6-01[5] SPH6-02[5] SPH8-01[5] SPH8-02[5] SPH8-03[5] SPH10-02[5] SPH10-03[5] SPH12-03[5] SPH12-04[5]	Run Tee SPD 	SPD4-M5[5] SPD4-M6[5] SPD4-01[5] SPD4-02[5] SPD6-M5[5] SPD6-M6[5] SPD6-01[5] SPD6-02[5] SPD6-03[5] SPD8-01[5] SPD8-02[5] SPD8-03[5] SPD10-01[5] SPD10-02[5] SPD10-03[5] SPD10-04[5] SPD12-02[5] SPD12-03[5] SPD12-04[5] SPD16-03[5] SPD16-04[5]
Type	Model code SPUøD[5]	Type	Model code SPVøD[5]	Type	Model code SPEøD[5]
Union Straight SPU 	SPU4[5] SPU6[5] SPU8[5] SPU10[5] SPU12[5] SPU16[5]	Union Elbow SPV 	SPV4[5] SPV6[5] SPV8[5] SPV10[5] SPV12[5] SPV16[5]		
Type	Model code SPGøD1-øD2[5]	Type	Model code SPEøD[5]	Type	Model code SPEGøD1-øD2[5]
Unequal Union Straight SPG 	SPG6-4[5] SPG8-6[5] SPG10-8[5] SPG12-10[5] SPG16-12[5]	Union Tee SPE 	SPE4[5] SPE6[5] SPE8[5] SPE10[5] SPE12[5] SPE16[5]	Unequal Union Tee SPEG 	SPEG6-4[5] SPEG8-6[5] SPEG10-8[5] SPEG12-10[5]



CAD data is available at PISCO website.



Packaging specifications
1 pc. /bag



Options

Code	[5] : -UC
Specifications	Clean-wash and Clean-room pkg. (*) (Fill in [5] with "-UC".)

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



Non-standard options (details ▶ P. 893)

- Body color Optional (Light gray)
- Seal rubber material optional (FKM or EPDM)
- Oil-free
- Copper free spec.
- Release-ring color change (Red)
- ▶ Contact us for the price.