

⚠ 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 7 and "Common Safety Instructions for Controllers" on page 43.

⚠ Warning

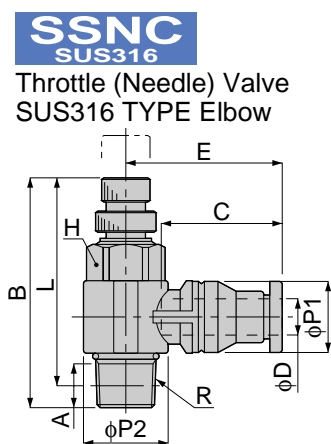
1. When the fluid admitted is a chemical, be sure to contact PISCO for guidance. Depending on usage, damage may be caused to the joint body, the tube may come off or leakage may result.
2. When the fluid admitted is a liquid, use an insert ring. Without the use of an insert ring, the tube may come off or leakage may occur.
3. 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.
4. Adjust 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.

● Table

Table dia.	Tensile force of collet
φ4mm	10 ~ 20N
φ6mm	40 ~ 60N
φ8mm	50 ~ 70N
φ10mm	60 ~ 70N
φ12mm	70 ~ 90N
φ16mm	60 ~ 80N

⚠ Caution

1. 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.
2. 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.



SSNC
SUS316

Throttle (Needle) Valve
SUS316 TYPE Elbow

unit:mm

Model	Tube dia. φD	R	A	B		L		φP1	φP2	C		E		H	Mass (g)
				max	min	max	min			max	min	max	min		
SSNC 4-01	4	R1/8	7	46	39	42	35	10	14	18	17.5	25	24.5	12	28
SSNC 6-01	6	R1/8	7	46	39	42	35	12	14	20	18.5	27	25.5	12	30
SSNC 8-01	8	R1/8	7	46	39	42	35	14	14	22	20.5	29	27.5	12	31.5
SSNC 8-02		R1/4	10	53	45	47	39					31.5	30		
SSNC 10-02	10	R1/4	10	53	45	47	39	17	19	25.5	24	36.5	35	17	65.5
SSNC 10-03		R3/8	11	59	49	52.5	42.5					37	35.5		
SSNC 12-03	12	R3/8	11	59	49	52.5	42.5	20	23	27.5	25.5	40.5	38.5	21	105
SSNC 12-04		R1/2	14	66	55	58	47					41.5	39.5		
SSNC 16-04	16	R1/2	14	66	55	58	47	23.5	28	33	31	49.5	47.5	24	170.5



Flow characteristics

