

Tube Fitting Stainless SUS316 Compression Fitting Series

Characteristics

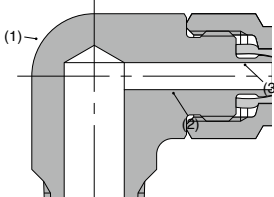
- All materials are made of SUS316, which is highly resistant to corrosion, making this series suitable for not only chemical industries but also for airtight special environments (Medical, Semiconductor, Food, etc.).
- The tube insert part is tightened by a Cap Nut, ensuring a tight and stable tube.
- Inch tube size types are newly introduced for more choice.
- The sizes for Pisco polyurethane tubes are introduced newly. (only with NSC and NSL.)

Specifications

Fluid medium	Air, water, other*1
Max. operating pressure	Depending on max. operating pressure of tube
Max. vacuum	-29.8in. Hg (-101kPa)
Operating temp. range	Depending on operating temp. range of tube
Applicable tube	Polyurethane Tube (UB, UBT, UBS) Tube for Vacuum System (UD) Nylon Tube (NA, NB) Fluororesin (PFA) Tube (SFT) Polyamide Tube (SNT)

*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.

Construction



No	Parts	Material
(1)	Metallic body	SUS316
(2)	Cap nut	SUS316
(3)	Tube	Pisco tube

* Due to its use in special environments like the chemical or food fields, the thread part is not Sealock coated to avoid contamination caused by Sealock.

Model Designation (Example)



- (1) Type
(2) Tube dia. (øD (O.D./I.D.))

Code	mm size												
	0420	0425	0640	0850	0860	1065	1075	1080	1280	1290	1210	1611	1613
O.D.	ø4	ø4	ø6	ø8	ø8	ø10	ø10	ø10	ø12	ø12	ø12	ø16	ø16
I.D.	ø2	ø2.5	ø4	ø5	ø6	ø6.5	ø7.5	ø8	ø8	ø9	ø10	ø11	ø13
Code for Cap nut only	4		6		8		10		12		16		
Code for Disk spring washer only	12		14		16		18		20		24		

Code	inch size					
	0425	1/4	0860	3/8	1/2	1613
O.D. (mm)	ø5/32 (ø4)	ø1/4 (ø6.35)	ø5/16 (ø8)	ø3/8 (ø9.53)	ø1/2 (ø12.7)	ø5/8 (ø16)
I.D. (mm)	ø0.10 (ø2.5)	ø0.18 (ø4.57)	ø0.24 (ø6)	ø0.28 (ø6.99)	ø0.38 (ø9.56)	ø0.51 (ø13)
Code for Cap nut only	4		1/4		8	
Code for Disk spring washer only	12		14		16	

- No entry for Female Bulkhead Straight type.
- Please enter the cap nut code only if only cap nut is required.
- Please enter the code of disk spring washer if only disk spring washer of bulkhead type is required. However, please make an entry from (3) for Female bulkhead straight type.

(3) Thread size (T or T_i)

Code	Taper pipe thread			
	01	02	03	04
R	R1/8	R1/4	R3/8	R1/2
Rc	Rc1/8	Rc1/4	Rc3/8	Rc1/2
Code for Disk spring washer only	14		22	

* If the Disk spring washer for Female Bulkhead Straight type is required, please enter the code of Disk spring washer.

(4) Thread sealing option

- TP: Seal tape is applied.
- No code: No seal tape is applied.

▶ 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.

⚠ Warning: 1. When the fluid medium 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.

⚠ 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.



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

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

NSC	Model	NSL	Model	NSB	Model
Straight øD	NSCøD-T (4)	Elbow øD	NSLøD-T (4)	Branch Tee øD	NSBøD-T (4)
	NSC0420-01 (4)		NSL0420-01 (4)		NSB0420-01 (4)
	NSC0420-02 (4)		NSL0420-02 (4)		NSB0420-02 (4)
	NSC0425-01 (4)		NSL0425-01 (4)		NSB0425-01 (4)
	NSC0425-02 (4)		NSL0425-02 (4)		NSB0425-02 (4)
	NSC0640-01 (4)		NSL0640-01 (4)		NSB0640-01 (4)
	NSC0640-02 (4)		NSL0640-02 (4)		NSB0640-02 (4)
	NSC0640-03 (4)		NSL0640-03 (4)		NSB0640-03 (4)
	NSC0850-01 (4)		NSL0850-01 (4)		NSB0860-01 (4)
	NSC0850-02 (4)		NSL0850-02 (4)		NSB0860-02 (4)
	NSC0850-03 (4)		NSL0850-03 (4)		NSB0860-03 (4)
	NSC0860-01 (4)		NSL0860-01 (4)		NSB1075-02 (4)
	NSC0860-02 (4)		NSL0860-02 (4)		NSB1075-03 (4)
	NSC0860-03 (4)		NSL0860-03 (4)		NSB1075-04 (4)
	NSC1065-02 (4)		NSL1065-02 (4)		NSB1080-02 (4)
NSC1065-03 (4)	NSL1065-03 (4)	NSB1080-03 (4)			
NSC1065-04 (4)	NSL1065-04 (4)	NSB1080-04 (4)			
NSC1075-02 (4)	NSL1075-02 (4)	NSB1290-02 (4)			
NSC1075-03 (4)	NSL1075-03 (4)	NSB1290-03 (4)			
NSC1075-04 (4)	NSL1075-04 (4)	NSB1290-04 (4)			
NSC1080-02 (4)	NSL1080-02 (4)	NSB1210-02 (4)			
NSC1080-03 (4)	NSL1080-03 (4)	NSB1210-03 (4)			
NSC1080-04 (4)	NSL1080-04 (4)	NSB1210-04 (4)			
NSC1280-02 (4)	NSL1280-02 (4)	NSB1613-03 (4)			
NSC1280-03 (4)	NSL1280-03 (4)	NSB1613-04 (4)			
NSC1280-04 (4)	NSL1280-04 (4)				
NSC1290-02 (4)	NSL1290-02 (4)	NSD Run Tee øD	NSDøD-T (4)		
NSC1290-03 (4)	NSL1290-03 (4)		NSD0420-01 (4)		
NSC1290-04 (4)	NSL1290-04 (4)		NSD0420-02 (4)		
NSC1210-02 (4)	NSL1210-02 (4)		NSD0425-01 (4)		
NSC1210-03 (4)	NSL1210-03 (4)		NSD0425-02 (4)		
NSC1210-04 (4)	NSL1210-04 (4)		NSD0640-01 (4)		
NSC1611-03 (4)	NSL1611-03 (4)		NSD0640-02 (4)		
NSC1611-04 (4)	NSL1611-04 (4)		NSD0640-03 (4)		
NSC1613-03 (4)	NSL1613-03 (4)		NSD0860-01 (4)		
NSC1613-04 (4)	NSL1613-04 (4)		NSD0860-02 (4)		
NSC1/4-01 (4)	NSL1/4-01 (4)		NSD0860-03 (4)		
NSC1/4-02 (4)	NSL1/4-02 (4)		NSD1075-02 (4)		
NSC1/4-03 (4)	NSL1/4-03 (4)		NSD1075-03 (4)		
NSC3/8-02 (4)	NSL3/8-02 (4)		NSD1075-04 (4)		
NSC3/8-03 (4)	NSL3/8-03 (4)		NSD1080-02 (4)		
NSC3/8-04 (4)	NSL3/8-04 (4)	NSD1080-03 (4)			
NSC1/2-02 (4)	NSL1/2-02 (4)	NSD1080-04 (4)			
NSC1/2-03 (4)	NSL1/2-03 (4)	NSD1290-02 (4)			
NSC1/2-04 (4)	NSL1/2-04 (4)	NSD1290-03 (4)			
		NSD1290-04 (4)			
		NSD1210-02 (4)			
		NSD1210-03 (4)			
		NSD1210-04 (4)			
		NSD1613-03 (4)			
		NSD1613-04 (4)			



Package specification
1 pc. in a bag



- Options
- Seal tape on thread
 - For (4), please select a thread sealing option



- Cautions
- The white-letter model type in (4) is new model.
 - The model with low sales average may be build to order production. For details, please contact Pisco sales office or sales representative.