

# Tube Fitting Brass Series

## Characteristics

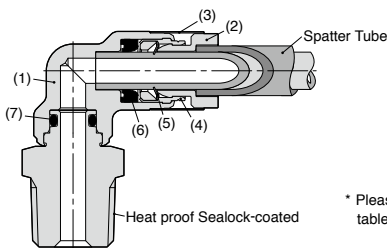
- The Tube Fitting Brass models are quick-fitting joints made of brass for pneumatic piping.
- Not only the body but also the release ring is made of brass, so that these models feature excellent flame resistance, heat resistance and spatter resistance.
- The models with the cover prevent the entry of spatter, dust or dirt into the joint. This advantage will be complemented by the use of covered tubes.

## Specifications

Fluid medium	Air, water *1, *2		
Max. operating pressure	150psi (1MPa)		
Max. vacuum	-29.5in. Hg (-100kPa)		
Operating temp. range	Seal rubber: HNBR	Seal rubber: FKM	Seal rubber: NBR
	32 ~ 212°F (0 ~ 100°C)	32 ~ 248°F (0 ~ 120°C)	32 ~ 140°F (0 ~ 60°C)

\*1. When using water, please limit the level of surge pressure to the maximum operating pressure or less.  
\*2. When using water, make sure to use appropriate insert ring.

## Construction



No	Parts	Material
(1)	Metallic body	nickel-plated brass
(2)	Release ring	nickel-plated brass
(3)	Cover	nickel-plated brass
(4)	Guide ring	nickel-plated brass
(5)	Lock claws	stainless steel
(6)	Elastic sleeve	HNBR
(7)	O-ring	HNBR

\* Please check the gasket material at the following table of (5) seal rubber option.

## Model Designation (Example)



- (1) Type  
(2) Tube dia. (øD)

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

- (3) Thread size (T)

Code	Metric thread	Taper pipe thread			
	M5	O1	O2	O3	O4
Size	M5x0.8	R1/8	R1/4	R3/8	R1/2

- (4) Cover

Code	No code	1
	with cover	No cover

- (5) Seal rubber option

Code	No code	F	N
Material	HNBR	FKM	NBR
Gasket material	SUS316 + FKM		SUS304 + NBR

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

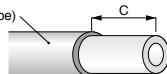
## Detailed Safety Instructions

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 water, do not use the PISCO device unless the application satisfies all the conditions required in Specifications. Otherwise damage may be caused to the joint body, the tube may come off or leakage may result.

⚠Caution: 1. When you use a covered tube, be sure to cut the covering into the specified dimensions (see below) before use. Failure to do so may result in the coming off of the tube, leakage or inability to connect the tube.

Tube dia.	ø4mm	ø6mm	ø8mm	ø10mm	ø12mm	Spatter Tube (Covered Tube)
Cover cutting	15.5mm	16.5mm	17.5mm	20.0mm	23.5mm	
Dimension (C)	(0.61in.)	(0.65in.)	(0.69in.)	(0.79in.)	(0.92in.)	



The products listed in this page are ECO-friendly products.  
\* Please refer to page 4 for the details of ECO-friendly products.

KC Straight	Model		KOC Inner Hex. Straight	Model			
	With cover KCøD-T (5)	No cover KCøD-T-1 (5)		With cover KOCøD-T (5)	No cover KOCøD-T-1 (5)		
	KC4-M5 (5)	KC4-M5-1 (5)		KOC4-M5 (5)	KOC4-M5-1 (5)		
	KC4-01 (5)	KC4-01-1 (5)		KOC4-01 (5)	KOC4-01-1 (5)		
	KC4-02 (5)	KC4-02-1 (5)		KOC4-02 (5)	KOC4-02-1 (5)		
	KC6-M5 (5)	KC6-M5-1 (5)		KOC6-M5 (5)	KOC6-M5-1 (5)		
	KC6-01 (5)	KC6-01-1 (5)		KOC6-01 (5)	KOC6-01-1 (5)		
	KC6-02 (5)	KC6-02-1 (5)		KOC6-02 (5)	KOC6-02-1 (5)		
	KC6-03 (5)	KC6-03-1 (5)		KOC6-03 (5)	KOC6-03-1 (5)		
	KC8-01 (5)	KC8-01-1 (5)		KOC8-01 (5)	KOC8-01-1 (5)		
	KC8-02 (5)	KC8-02-1 (5)		KOC8-02 (5)	KOC8-02-1 (5)		
	KC8-03 (5)	KC8-03-1 (5)		KOC8-03 (5)	KOC8-03-1 (5)		
	KC10-01 (5)	KC10-01-1 (5)		KOC10-01 (5)	KOC10-01-1 (5)		
	KC10-02 (5)	KC10-02-1 (5)		KOC10-02 (5)	KOC10-02-1 (5)		
	KC10-03 (5)	KC10-03-1 (5)		KOC10-03 (5)	KOC10-03-1 (5)		
	KC10-04 (5)	KC10-04-1 (5)		KOC10-04 (5)	KOC10-04-1 (5)		
	KC12-02 (5)	KC12-02-1 (5)		KOC12-02 (5)	KOC12-02-1 (5)		
	KC12-03 (5)	KC12-03-1 (5)		KOC12-03 (5)	KOC12-03-1 (5)		
KC12-04 (5)	KC12-04-1 (5)	KOC12-04 (5)	KOC12-04-1 (5)				
KL Elbow	Model		KH Single Banjo	Model			
	With cover KLøD-T (5)	No cover KLøD-T-1 (5)		With cover KHøD-T (5)	No cover KHøD-T-1 (5)		
		KL4-M5 (5)		KL4-M5-1 (5)		KH4-M5 (5)	KH4-M5-1 (5)
		KL4-01 (5)		KL4-01-1 (5)		KH4-01 (5)	KH4-01-1 (5)
		KL4-02 (5)		KL4-02-1 (5)		KH4-02 (5)	KH4-02-1 (5)
		KL6-M5 (5)		KL6-M5-1 (5)		KH6-M5 (5)	KH6-M5-1 (5)
		KL6-01 (5)		KL6-01-1 (5)		KH6-01 (5)	KH6-01-1 (5)
		KL6-02 (5)		KL6-02-1 (5)		KH6-02 (5)	KH6-02-1 (5)
		KL6-03 (5)		KL6-03-1 (5)		KH6-03 (5)	KH6-03-1 (5)
		KL8-01 (5)		KL8-01-1 (5)		KH8-01 (5)	KH8-01-1 (5)
		KL8-02 (5)		KL8-02-1 (5)		KH8-02 (5)	KH8-02-1 (5)
		KL8-03 (5)		KL8-03-1 (5)		KH8-03 (5)	KH8-03-1 (5)
		KL10-01 (5)		KL10-01-1 (5)		KH10-01 (5)	KH10-01-1 (5)
		KL10-02 (5)		KL10-02-1 (5)		KH10-02 (5)	KH10-02-1 (5)
		KL10-03 (5)		KL10-03-1 (5)		KH10-03 (5)	KH10-03-1 (5)
		KL10-04 (5)		KL10-04-1 (5)		KH10-04 (5)	KH10-04-1 (5)
KL12-02 (5)		KL12-02-1 (5)	KH12-02 (5)	KH12-02-1 (5)			
KL12-03 (5)		KL12-03-1 (5)	KH12-03 (5)	KH12-03-1 (5)			
KL12-04 (5)	KL12-04-1 (5)	KH12-04 (5)	KH12-04-1 (5)				
KB Branch Tee	Model		KD Run Tee	Model			
	With cover KBøD-T (5)	No cover KBøD-T-1 (5)		With cover KDøD-T (5)	No cover KDøD-T-1 (5)		
		KB4-M5 (5)		KB4-M5-1 (5)		KD4-M5 (5)	KD4-M5-1 (5)
		KB4-01 (5)		KB4-01-1 (5)		KD4-01 (5)	KD4-01-1 (5)
		KB4-02 (5)		KB4-02-1 (5)		KD4-02 (5)	KD4-02-1 (5)
		KB6-M5 (5)		KB6-M5-1 (5)		KD6-M5 (5)	KD6-M5-1 (5)
		KB6-01 (5)		KB6-01-1 (5)		KD6-01 (5)	KD6-01-1 (5)
		KB6-02 (5)		KB6-02-1 (5)		KD6-02 (5)	KD6-02-1 (5)
		KB6-03 (5)		KB6-03-1 (5)		KD6-03 (5)	KD6-03-1 (5)
		KB8-01 (5)		KB8-01-1 (5)		KD8-01 (5)	KD8-01-1 (5)
		KB8-02 (5)		KB8-02-1 (5)		KD8-02 (5)	KD8-02-1 (5)
		KB8-03 (5)		KB8-03-1 (5)		KD8-03 (5)	KD8-03-1 (5)
		KB10-01 (5)		KB10-01-1 (5)		KD10-01 (5)	KD10-01-1 (5)
		KB10-02 (5)		KB10-02-1 (5)		KD10-02 (5)	KD10-02-1 (5)
		KB10-03 (5)		KB10-03-1 (5)		KD10-03 (5)	KD10-03-1 (5)
		KB10-04 (5)		KB10-04-1 (5)		KD10-04 (5)	KD10-04-1 (5)
KB12-02 (5)		KB12-02-1 (5)	KD12-02 (5)	KD12-02-1 (5)			
KB12-03 (5)		KB12-03-1 (5)	KD12-03 (5)	KD12-03-1 (5)			
KB12-04 (5)	KB12-04-1 (5)	KD12-04 (5)	KD12-04-1 (5)				



Caution  
\* The model with low sales average may be build to order production.  
For details, please contact Pisco sales office or sales representative.



Option  
1. For (5), please select a seal rubber material from below.  
No code for HNBR, "-F" for FKM, "-N" for NBR.



Package specification  
10 pcs. in a bag