# All Brass Compression Fitting Series



## Characteristics

- · Best suitable for Auto Industry and Thermal Control for Mold Tooling.
- · By using special brass in the main metal body, this product line has achived the high resistant performance against water.
- . This product line does not require connecting sleeve, therefore, no more need to worry about installing or missing sleeves.
- Downsizing is achieved !
- Compared to our SUS316 Compression Fitting, the bulk capacity has been resuced by 30% in the straight type and by 50% in the Elbow type.
- · A wide range of choices for a wide range of applications.
- The configuration comes in 5 different types: C, CF, MF, L and E.
- The applicable tube sizes: 10 different sizes that range from ø4mm to ø16mm.

### Specifications

Fluid medium	Air, water *2, other *1
Max. operating pressure	Depending on Max. operating pressure of tube used
Max. vacuum	<b>-29.5</b> in. Hg ( <b>-100</b> kPa)
Operating temp. range	Depending on operating temp. range of tube used *3

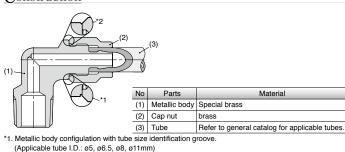
\*1. Since there are cases where our specifications may differ from others in some respects for chemicals, solvents, mixed gases, etc. use, please make inquiries about these use to the nearest sales office.

\*2. When using water and other liquids with our resin fitting, limit the level of surge pressure to the maximum operating pressure or less.

\*3. Operating temperature range of the fitting comforms to the operating temperature of connecting tube, however there is a risk of possible damage on the fitting if an excessive load is applied to it when operating in high temperature.

\*4. Because of the fitting's structure, the performance decrease if soft tube is connected. Please confirm the practical effect with a using tube before actual operation.

Construction



\*2. Metallic body configulation without tube size identification groove.

(Applicable tube I.D.: ø2.5, ø4, ø6, ø7.5, ø9, ø13mm)

## Model Designation (Example)



(1) All Metal (Brass) Compression Fitting

#### (2) Model

#### (3) Tube dia. (øD)

Code	0425	0640	0850	0860	1065	1075	1280	1290	1611	1613
O.D. (mm)	ø4	ø6	ø8	ø8	ø10	ø10	ø12	ø12	ø16	ø16
I.D. (mm)	ø2.5	ø4	ø5	ø6	ø6.5	ø7.5	ø8	ø9	ø11	ø13
Identification groove	none	none	yes	none	yes	none	yes	none	yes	none
Code for only Cap Nut	4	6	8	3	1	0	1	2	1	6

\* Please refer to this page for identication groove in the construction.

#### (4) Thread size (T)

Code	01	02	03	04	
Male thread: T	R1/8	R1/4	R3/8	R1/2	
Female thread: T	Rc1/8	Rc1/4	Rc3/8	Rc1/2	

▶ 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.

- AWarning: 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.
- $\triangle$ 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.

	lease refer to pag		or 200-intendity (		
NKC	Model	NKL	Model	NKE	Model
Straight	NKCøD-T	Elbow	NKLøD-T	Union Tee	NKEøD
øD	NKC0425-01	0.00	NKL0425-01	øD	NKE0425
	NKC0425-02	0	NKL0425-02	- Aller	NKE0640
	NKC0640-01	øD	NKL0640-01	- 14 A	NKE0850
Т	NKC0640-02	Т	NKL0640-02	øD øD	NKE0860
	NKC0640-03	1	NKL0640-03	00	NKE1065
	NKC0850-01	1	NKL0850-01		NKE1075
	NKC0850-02	1	NKL0850-02	1	NKE1280
	NKC0850-03		NKL0850-03		NKE1290
	NKC0860-01	1	NKL0860-01	NKN	Model
	NKC0860-02		NKL0860-02	Cap Nut	NKNøD
	NKC0860-03	1	NKL0860-03		NKN4
	NKC1065-02		NKL1065-02	øD	NKN6
	NKC1065-03		NKL1065-03		NKN8
	NKC1065-04		NKL1065-04		NKN10
	NKC1075-02	1	NKL1075-02	1	NKN12
	NKC1075-03		NKL1075-03		NKN16
	NKC1075-04		NKL1075-04	Court-	
	NKC1280-02		NKL1280-02	Caution	model with low
	NKC1280-03		NKL1280-03		s average may
	NKC1280-04		NKL1280-04	be b prod	uild to order
	NKC1290-02		NKL1290-02		luction. For s, please contact
	NKC1290-03		NKL1290-02		sales office or
	NKC1290-04	-	NKL1290-04	Packag	representative.
	NKC1611-03		NKL1611-03		ge specification
	NKC1611-04		NKL1611-04	10 pcs.	in a bag
	NKC1613-03		NKL1613-03		
	NKC1613-04		NKL1613-04		
NIZOE	Model		Model		
NKCF Female Straight		NKMF Bulkhead Female Straight	NKMFøD-T		
øD	NKCF0425-01	øD	NKMF0425-01		
<b>OD</b>	NKCF0425-02		NKMF0425-02		
AC	NKCF0640-01	a pp	NKMF0640-01		
Т	NKCF0640-02		NKMF0640-02		
	NKCF0640-03	Т	NKMF0640-03		
	NKCF0850-01		NKMF0850-01		
	NKCF0850-02		NKMF0850-02		
	NKCF0850-02		NKMF0850-02		
	NKCF0860-01		NKMF0860-01		
	NKCF0860-01		NKMF0860-01		
	NKCF0860-03		NKMF0860-03 NKMF1065-02		
	NKCF1065-02				
	NKCF1065-03		NKMF1065-03		
	NKCF1065-04		NKMF1065-04		
	NKCF1075-02		NKMF1075-02		
	NKCF1075-03		NKMF1075-03		
	NKCF1075-04		NKMF1075-04		
	NKCF1280-02		NKMF1280-02		
	NKCF1280-03		NKMF1280-03		
	NKCF1280-04		NKMF1280-04		
	NKCF1290-02		NKMF1290-02		
	NKCF1290-03		NKMF1290-03		
1	NKCF1290-04		NKMF1290-04		

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

**Fitting**