

Opening Gripper Series

Characteristics

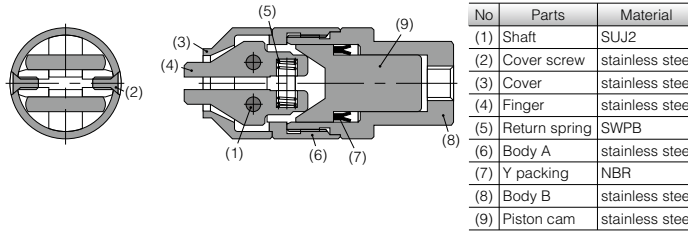
- No dedicated fingers are necessary for works of simple shapes.
- The work stopper assures stable gripping.
- The floating type makes more effective use of the work stopper, and prevents damage due to bumping.

Specifications

Cylinder dia.	ø8mm (0.31in.)	ø11mm (0.43in.)
Gripping force at *72.5psi-fingers in parallel	0.059lbf (0.08N)	0.148lbf (0.20N)
Operating pressure range	29 ~ 102psi (0.2 ~ 0.7MPa)	
Operating temp. range	32 ~ 140°F (0 ~ 60°C) (no freezing)	
Lubrication	Not required	

* 0.5MPa

Construction



Model Designation (Example)



(1) Type

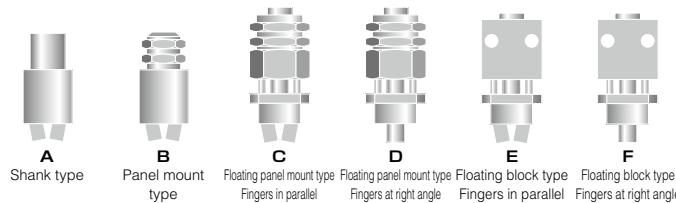
(2) Cylinder dia.

Code	O8	11
Dia.	ø8mm (0.31in.)	ø11mm (0.43in.)

(3) Gripper action

B: Single-acting opening gripper (normally closed)

(4) Holder type



(5) Finger size (Code 02 to 12 (see Table below))

Finger type: H type (Work with round hole)

Code	02	03	04	06	08	10	12
Hole dia.	ø2mm to ø3mm 0.08in. to 0.20in.	ø3mm to ø4mm 0.12in. to 5/32in.	ø4mm to ø6mm 5/32in. to 0.24in.	ø6mm to ø8mm 0.24in. to 0.31in.	ø8mm to ø10mm 0.31in. to 0.39in.	ø10mm to ø12mm 0.39in. to 0.47in.	ø12mm to ø14mm 0.47in. to 0.55in.

Finger type: C type (Work with Groove hole)

Code	03	05	06	07	08	10	12
Hole dia.	3mm to 5mm 0.12in. to 0.20in.	5mm to 7mm 0.20in. to 0.28in.	6mm to 8mm 0.24in. to 0.31in.	7mm to 9mm 0.28in. to 0.35in.	8mm to 10mm 0.31in. to 0.39in.	10mm to 12mm 0.39in. to 0.47in.	12mm to 14mm 0.47in. to 0.55in.

(6) Finger type

H: Work with round hole (round back surface)

C: Work with groove hole (flat back surface)

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

Detailed Safety Instructions

Before using PISCO products, be sure to read "Safety Instructions" and "Common Safety Instructions for Products in This Catalog" on page 13 to 16 and "Common Safety Instructions for Actuators" and "Common Safety Instructions for Lever Grippers" on page 18.



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

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

CHM Shank Type	Model code	CHM Panel Mount Type	Model code
	CHM08BA03C		CHM08BB03C
	CHM08BA05C		CHM08BB05C
	CHM08BA07C		CHM08BB07C
	CHM08BA02H		CHM08BB02H
	CHM08BA03H		CHM08BB03H
	CHM08BA04H		CHM08BB04H
	CHM08BA06H		CHM08BB06H
	CHM08BA08H		CHM08BB08H
	CHM11BA06C		CHM11BB06C
	CHM11BA08C		CHM11BB08C
	CHM11BA10C		CHM11BB10C
	CHM11BA12C		CHM11BB12C
	CHM11BA06H		CHM11BB06H
	CHM11BA08H		CHM11BB08H
	CHM11BA10H		CHM11BB10H
	CHM11BA12H		CHM11BB12H
CHM Floating Panel Mount Type Gripper in Parallel	Model code	CHM Floating Panel Mount Type Gripper at Right Angle	Model code
	CHM08BC03C		CHM08BD03C
	CHM08BC05C		CHM08BD05C
	CHM08BC07C		CHM08BD07C
	CHM08BC02H		CHM08BD02H
	CHM08BC03H		CHM08BD03H
	CHM08BC04H		CHM08BD04H
	CHM08BC06H		CHM08BD06H
	CHM08BC08H		CHM08BD08H
	CHM11BC06C		CHM11BD06C
	CHM11BC08C		CHM11BD08C
	CHM11BC10C		CHM11BD10C
	CHM11BC12C		CHM11BD12C
	CHM11BC06H		CHM11BD06H
	CHM11BC08H		CHM11BD08H
	CHM11BC10H		CHM11BD10H
	CHM11BC12H		CHM11BD12H
CHM Floating Block Type Gripper in Parallel	Model code	CHM Floating Block Type Gripper at Right Angle	Model code
	CHM08BE03C		CHM08BF03C
	CHM08BE05C		CHM08BF05C
	CHM08BE07C		CHM08BF07C
	CHM08BE02H		CHM08BF02H
	CHM08BE03H		CHM08BF03H
	CHM08BE04H		CHM08BF04H
	CHM08BE06H		CHM08BF06H
	CHM08BE08H		CHM08BF08H
	CHM11BE06C		CHM11BF06C
	CHM11BE08C		CHM11BF08C
	CHM11BE10C		CHM11BF10C
	CHM11BE12C		CHM11BF12C
	CHM11BE06H		CHM11BF06H
	CHM11BE08H		CHM11BF08H
	CHM11BE10H		CHM11BF10H
	CHM11BE12H		CHM11BF12H



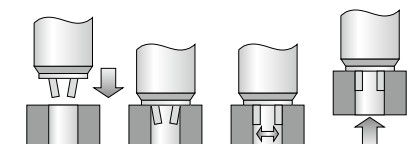
Package specification
1 pc. in a bag



Caution
* Blank fingers on next page can be attached to the models end with "K" as an option.
* Some model codes are offered as make-to-order or special items. Contact Pisco sales or Sales representative for details.

Example use of work stopper

- For stable work transport, grip the work with the work stopper held in contact with it. In this state, light press-fitting can also be accomplished.
When the cylinder thrust is too large or unstable, use of the floating-type holder will achieve stable gripping.





MEMO