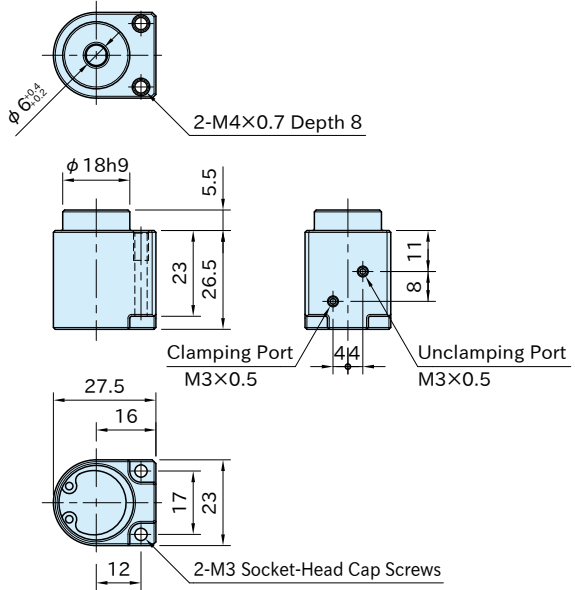


PPHC-D

PNEUMATIC PIN HOLDING CLAMP

RHS SUS

IMAO



★ **Key Point**
Double-acting pull down clamp

| Body | Piston | Wedge/Ball | Spring | Retaining Ring | Seal |
|---|---------------------------|--|------------------------------|---------------------------|-------------------------|
| SCS13 stainless steel (equivalent to SUS304) | SUS303 stainless steel | SUS440C stainless steel Quenched and tempered | SUS304WPB stainless steel | SUS304 stainless steel | Nitrile rubber (NBR) |

| Part Number | Operating Air Pressure (MPa) | Clamping Force (N) | | Weight (g) | Proper Clamping Pin |
|----------------------|------------------------------|--------------------|-----------------|------------|------------------------|
| | | With Air *) | Without Air **) | | |
| PPHC0623D-SUS | 0.3~0.7 | 40 | 6 | 105 | QCPC0625-M4-SUS |

*) The clamping force above is at 0.5 MPa.

**) Inner spring provides clamping without air supply.

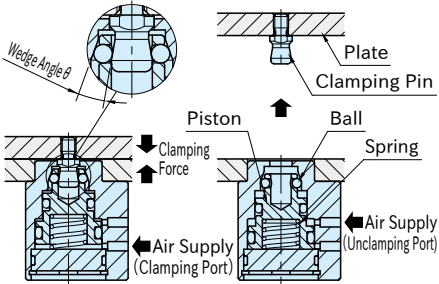
Supplied With

2 of socket-head cap screws(stainless steel), M3×0.5-28L

QCPC-M CLAMPING PIN

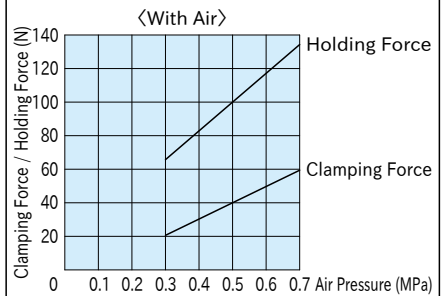


Feature



- The piston goes up by air supply from clamping port and the balls move toward the center to pull down the clamping pin.
- The wedge clamping prevents the plate from lifting up.
- Inner spring keeps clamping without air supply.

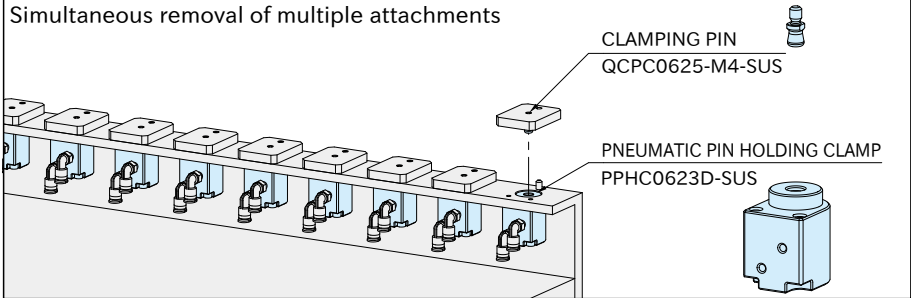
Performance Curve



| <Without Air> | |
|--------------------|-------------------|
| Clamping Force (N) | Holding Force (N) |
| 6 | 40 |

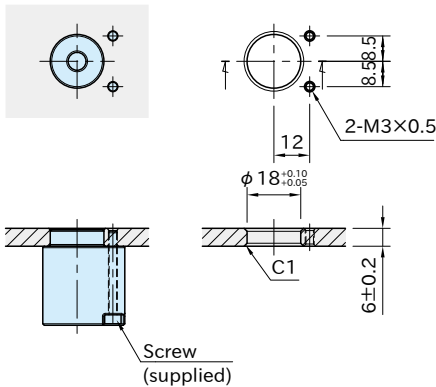
Application Example

Simultaneous removal of multiple attachments

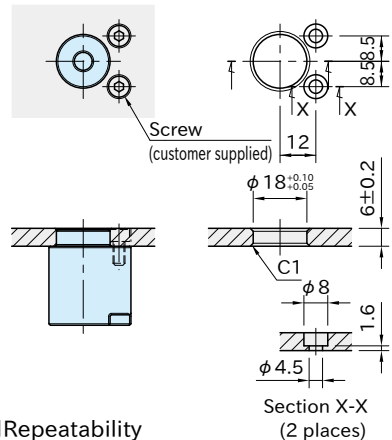


Hole Preparation

With M3 Socket-Head Cap Screws (supplied)



With M4 Socket-Head Cap Screws (customer supplied)



Machining Accuracy

Spacing tolerance for multiple use should be ± 0.1 .

Repeatability

Repeatability is ± 0.2

For higher accurate locating, use locating pins.