QCOW / QCOWS SNAP-IN CLAMPS

RoHS Stainless Steel Heat resistance: 180°C

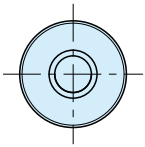
IMAO

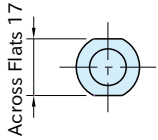
Wedge

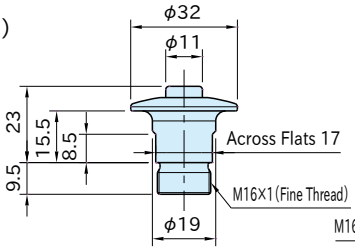
Body/Button	Ball	Spring
SUS303 stainless steel	SUS440C stainless steel Quenched and tempered	SUS304WPB stainless steel

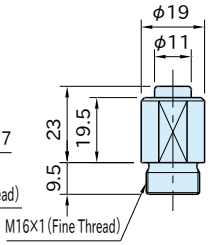
QCOW
(Stainless Steel)

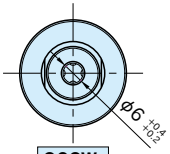
QCOWS
(Cylindrical, Stainless Steel)



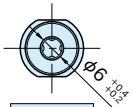








QCOW
(Stainless Steel)



QCOWS
(Cylindrical, Stainless Steel)

★Key Point
Quick & easy snap-in operation

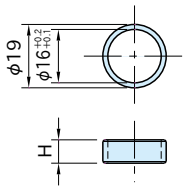
Part Number	Proper Plate Thickness	Clamping Force (N)	Holding Force (N)*)	Weight (g)	Proper Clamping Pin
QCOW 0616-10SUS	3~10	6	100	65	QCPC0625-M4-SUS
QCOWS0616-10SUS	3~27			50	

*) Exceeding the holding force creates a gap of greater than 0.1mm between plates.

QCOW SPACERS

RoHS Stainless Steel Heat resistance: 180°C

IMAO

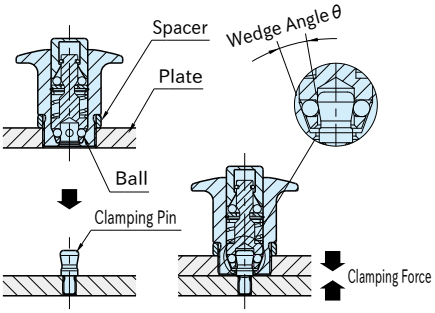


Spacer
SUS303 stainless steel

Part Number	Proper Plate Thickness	H (±0.05)	Weight (g)	Proper Snap-In Clamps
QCOW0616-04-SUS	6	4	2.5	QCOW0616-10SUS QCOWS0616-10SUS
QCOW0616-05-SUS	5	5	3	
QCOW0616-06-SUS	4	6	3.5	
QCOW0616-07-SUS	3	7	4	

QCPC-M CLAMPING PINS

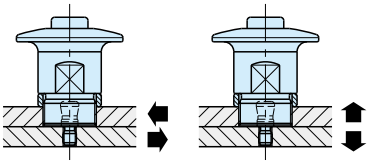
Feature



Four balls hold the Clamping Pin to pull the plate for clamping.

Mechanical Strength

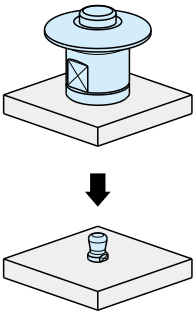
Heatresistant Temperature 180℃



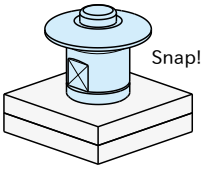
Shear Strength 1100N Tensile Strength 250N

Shear and tensile strength is allowable load and the fastener could break when it receives bigger load.

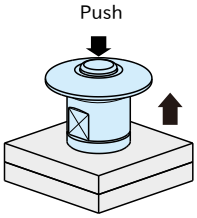
How To Use



1. Put Snap-In Clamp over the Clamping Pin. No need to push the button.

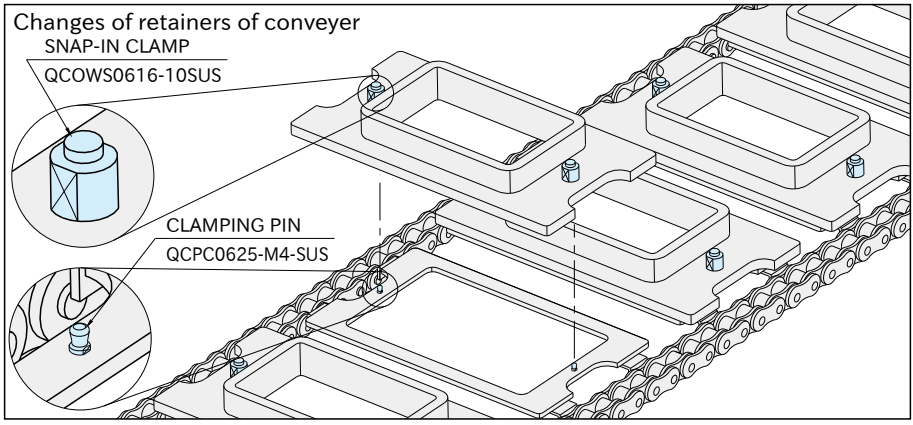


2. Clamped instantly as the pin is inserted.



3. For unclamping, push the button and pull the clamp.

Application Example



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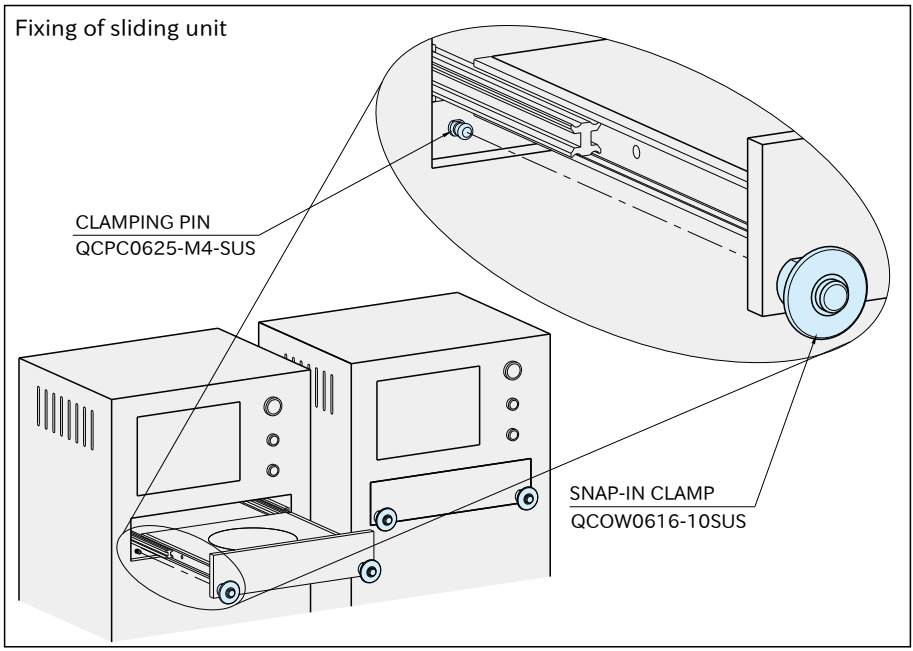
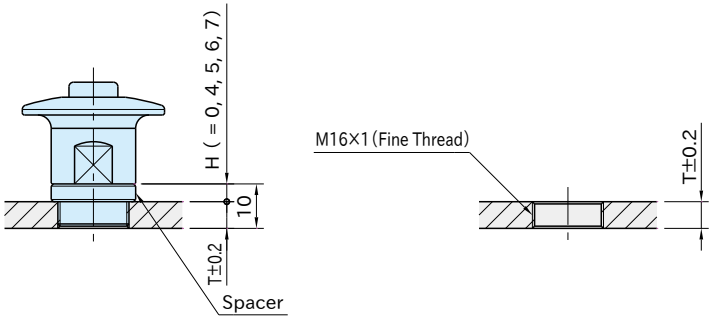
Application Example

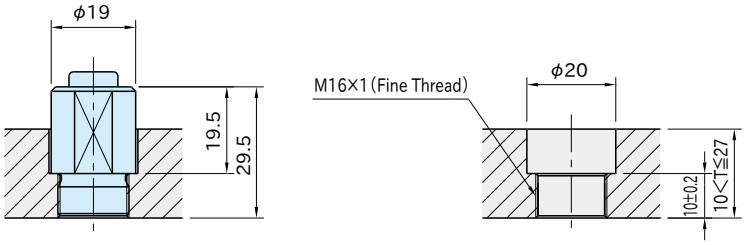


How To Install

For 3 to 10mm-thick plate

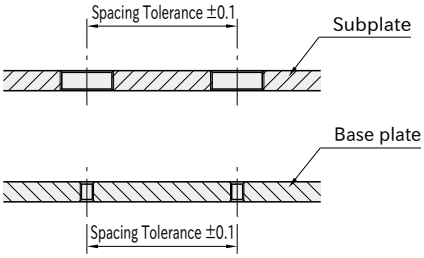


For over 10mm-thick plate



Accuracy

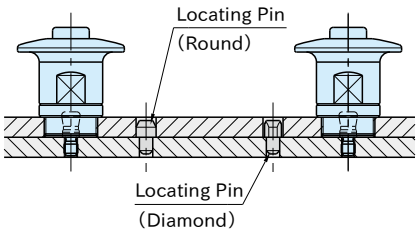
■Machining Accuracy



Spacing tolerance on both the subplate and the base plate should be ±0.1.

■Repeatability

Repeatability ±0.25



For higher accurate locating, use locating pins.

Reference

"How To Install" of QCPC-M Clamping Pins