

# QCOW / QCOWS SNAP-IN CLAMPS



Stainless Steel

Heat resistance: 180°C

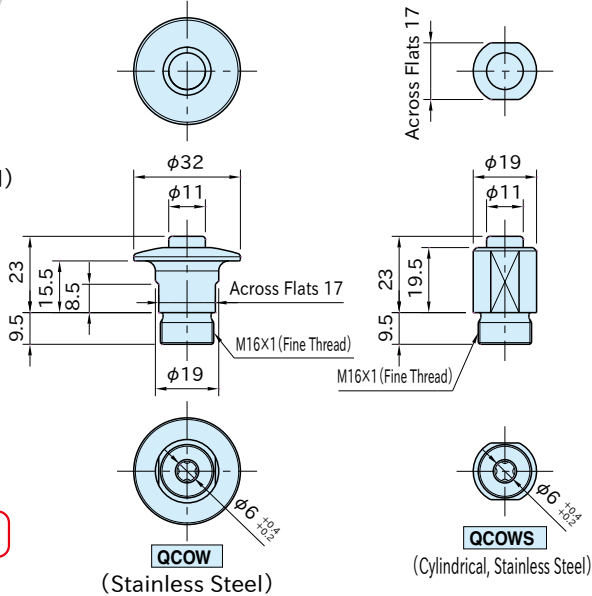


**QCOW**  
(Stainless Steel)



**QCOWS**  
(Cylindrical, Stainless Steel)

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



★ **Key Point** — Quick & easy snap-in operation

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

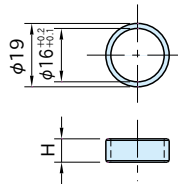
\*) Exceeding the holding force creates a gap of greater than 0.1mm between plates.

## QCOW SPACERS



Stainless Steel

Heat resistance: 180°C

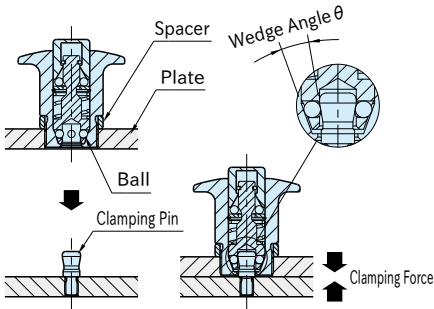


Spacer
SUS303 stainless steel

Part Number	Plate Thickness	H ( $\pm 0.05$ )	Weight (g)	Snap-In Clamps
<b>QCOW0616-04-SUS</b>	6	4	2.5	QCOW0616-10SUS QCOWS0616-10SUS
<b>QCOW0616-05-SUS</b>	5	5	3	
<b>QCOW0616-06-SUS</b>	4	6	3.5	
<b>QCOW0616-07-SUS</b>	3	7	4	



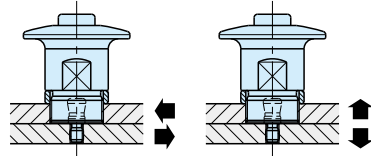
## Feature



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

## Mechanical Strength

Heatresistant Temperature 180°C

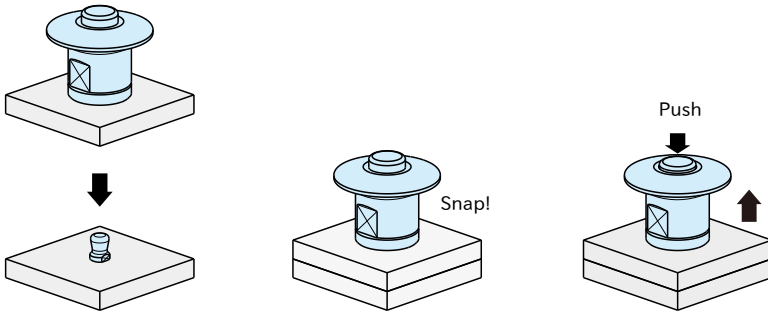


Shear Strength 1100N

Tensile Strength 250N

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

## How To Use

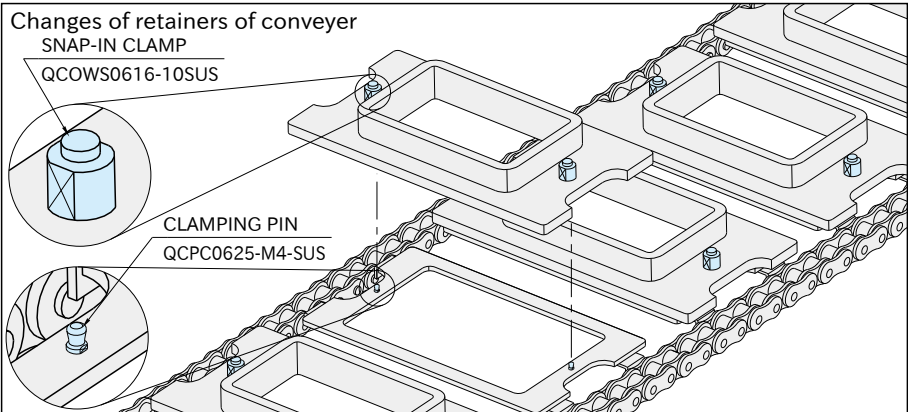


1. Put Snap-In Clamp over the Clamping Pin. No need to push the button.

2. Clamped instantly as the pin is inserted.

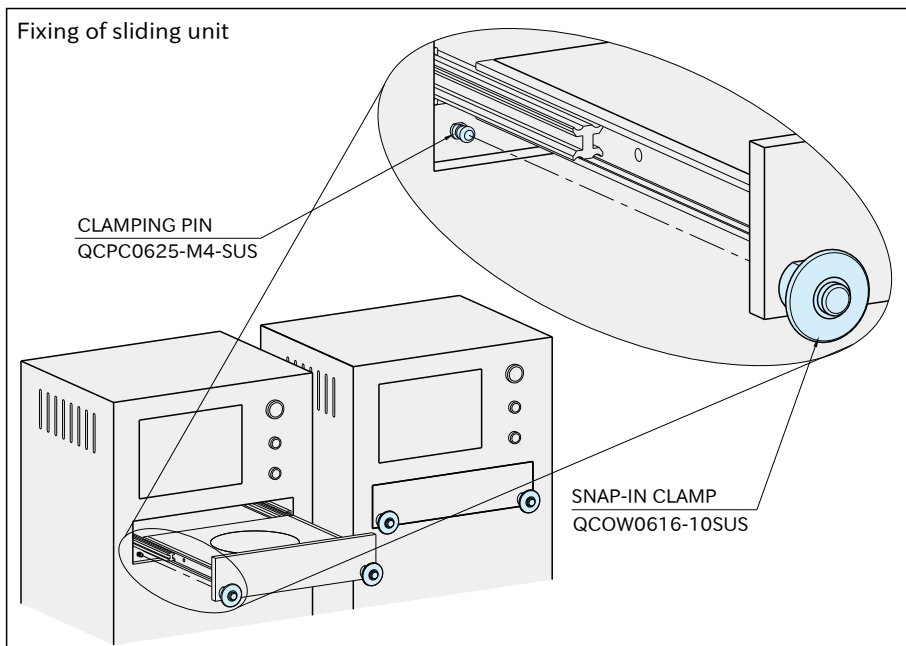
3. For unclamping, push the button and pull the clamp.

## Application Example



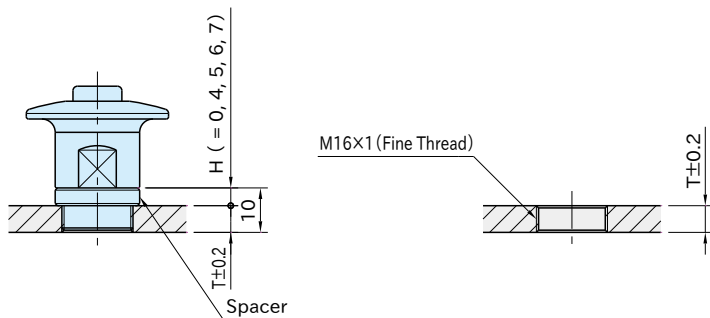
## Application Example

### Fixing of sliding unit

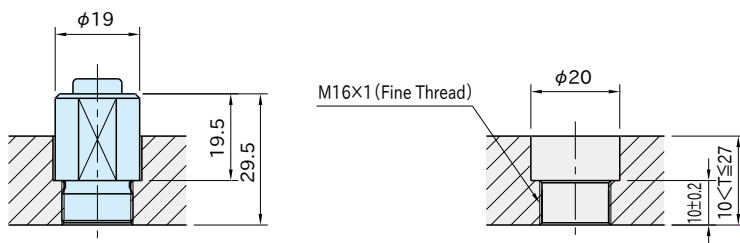


## How To Install

### For 3 to 10mm-thick plate

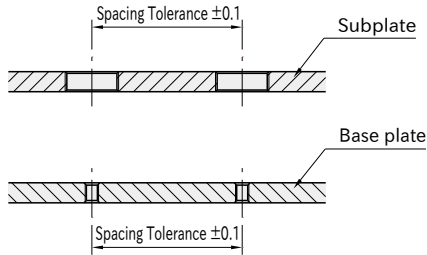


### For over 10mm-thick plate



## Accuracy

### ■ Machining Accuracy



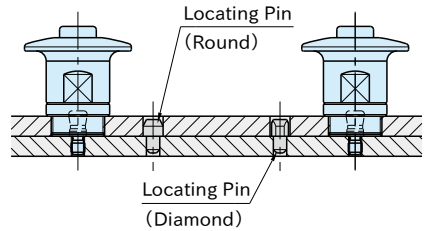
Spacing tolerance on both the subplate and the base plate should be  $\pm 0.1$ .

### 🔧 Note

For cylindrical [QCOWS](#) Snap-In Clamps, prepare handles or knobs separately to facilitate the operation.

### ■ Repeatability

Repeatability  $\pm 0.25$



For higher accurate locating, use locating pins.

### Reference

"How To Install" of [QCPC-M](#) Clamping Pins