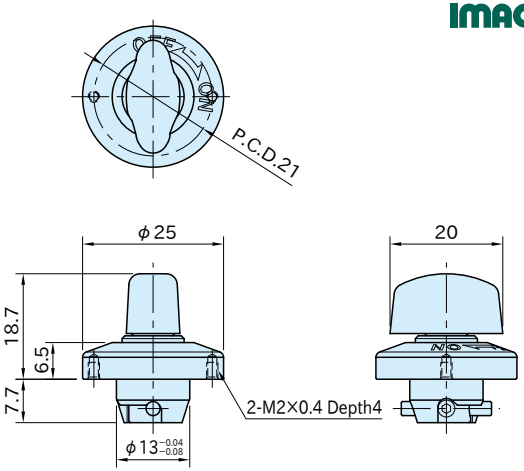
QCTHT QUARTER-TURN PANEL CLAMPS

RoHS Stainless Steel

IMAO



★Key Point

Designed for the thinnest plates in the series.
No receptacle required.

Body, Shank	Pin	Knob	Spring
SUS303 stainless steel	SUS301 stainless steel	SCS13 stainless steel (Equivalent to SUS304)	SUS304 stainless steel

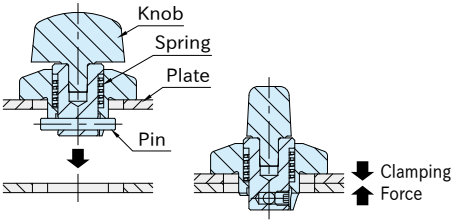
Part Number	Plate Thickness	Clamping Force (N)	Holding Force (N)**	Weight (g)
QCTHT0425-SUS	4±0.4 *)	40	40	38

*) The combined thickness of the upper and lower plates.
**) Exceeding the holding force creates a gap of greater than 0.1mm between plates.

Supplied With

2 of socket-head cap screws(stainless steel), M2×0.4-5L

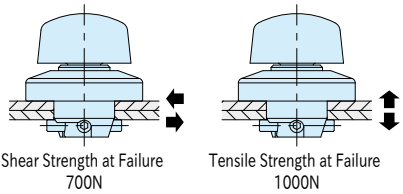
Feature



When the pin contacts the cam surface of the body, the spring gets compressed to press down the plate.

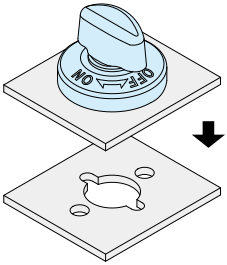
Mechanical Strength

Heatresistant Temperature 180℃

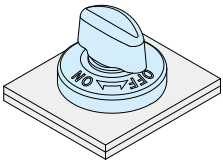


The values shown represent load levels at which failure can occur.

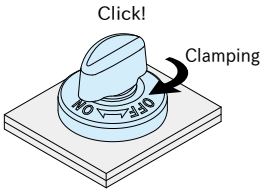
How To Use



1. Ensure that the knob is positioned at the "OFF" mark.



2. Insert the Quarter-Turn Panel Clamp.

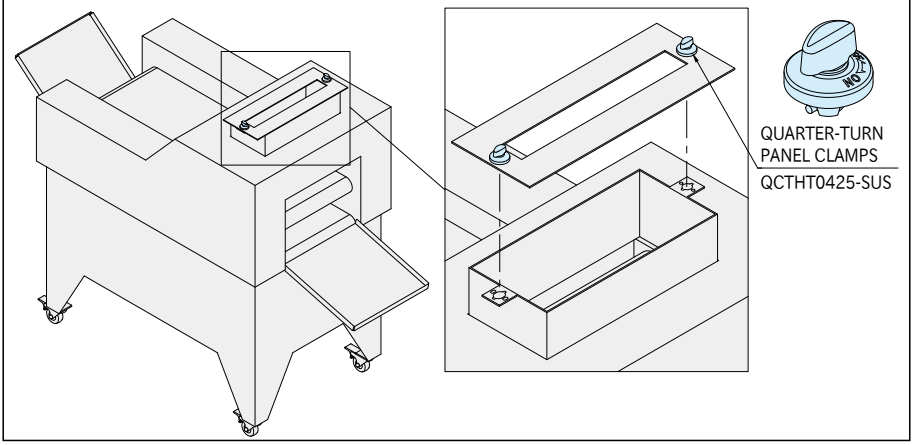


3. Turn the knob to the "ON" mark for clamping. The knob clicks when it is clamped/ unclamped.

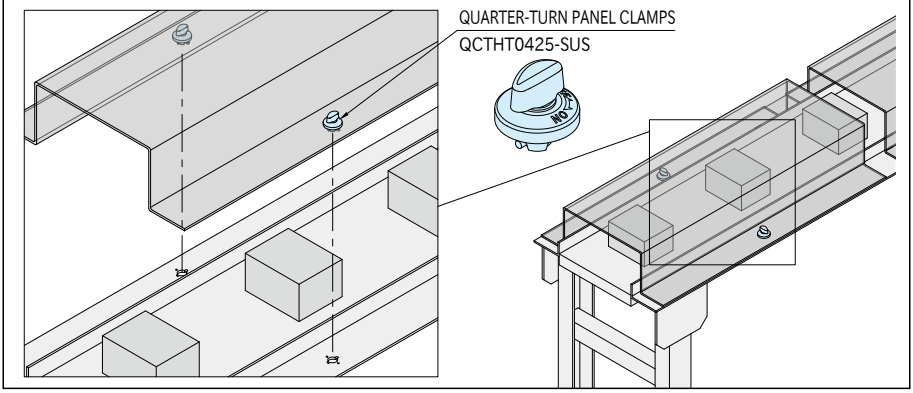
Note: For unclamping, follow back these steps.

Application Example

Installation of hopper cover



Installation of conveyor cover



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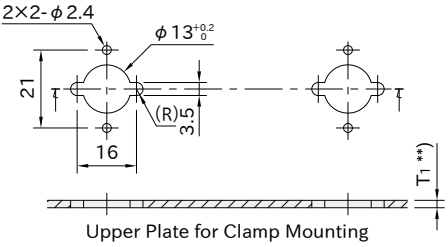
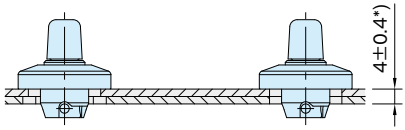
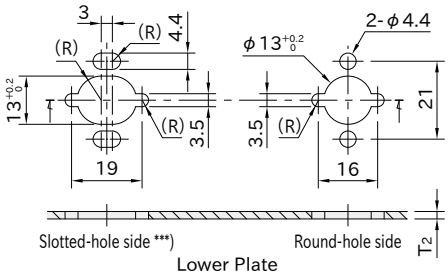
How To Install



Upper Plate for Clamp Mounting



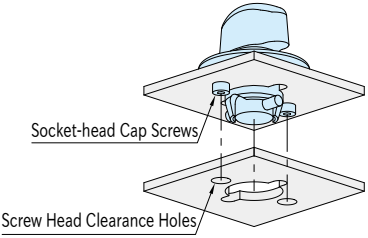


Lower Plate

*) The combined thickness of the upper and lower plates (T_1+T_2) should be 4 ±0.4 mm.

**) The thickness of the upper plate (T_1) should be 3 mm or less.

***) Pitch variations can be accommodated by machining a slotted hole as needed.



The two holes in the lower plate provide clearance for the head of the socket-head cap screws.

Repeatability

Repeatability ±0.14