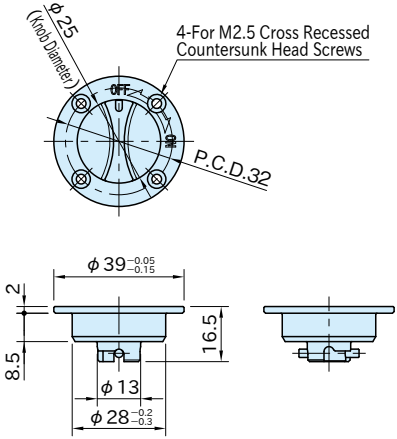
QCFC FLAT QUARTER TURN CLAMPS

RoHS Stainless Steel

IMAO



Body, Knob	Pin	Spring
SUS303 stainless steel	SUS301 stainless steel	SUS304 stainless steel

★Key Point

Flat design with recessed knob and body

Part Number	Plate Thickness	Clamping Force (N)	Holding Force (N) *)	Weight (g)	Locking Receptacles
QCFC0639-SUS	6 or more	30	30	46	QCFC0639-B-SUS

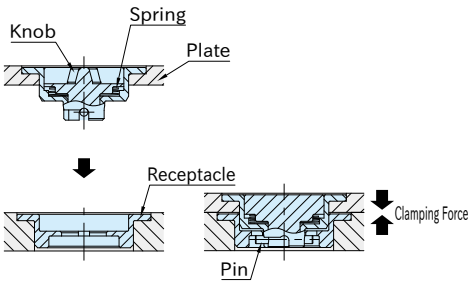
*) Exceeding the holding force creates a gap of greater than 0.1mm between plates.

Supplied With

4 of cross recessed countersunk head screws(stainless steel), M2.5×0.45-5L

QCFC-B LOCKING RECEPTACLES

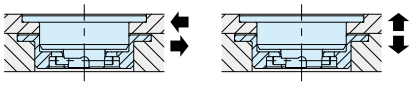
Feature



The pin engages the receptacle by turning the knob, the spring gets compressed to press down the plate.

Mechanical Strength

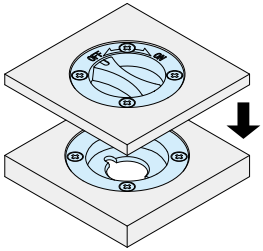
・Heatresistant Temperature 180℃



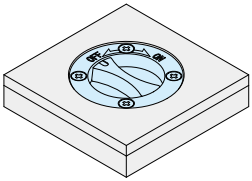
Shear Strength 2500N　Tensile Strength 1000N

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

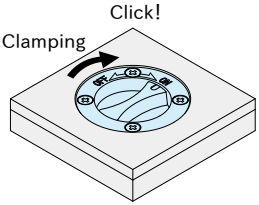
How To Use



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

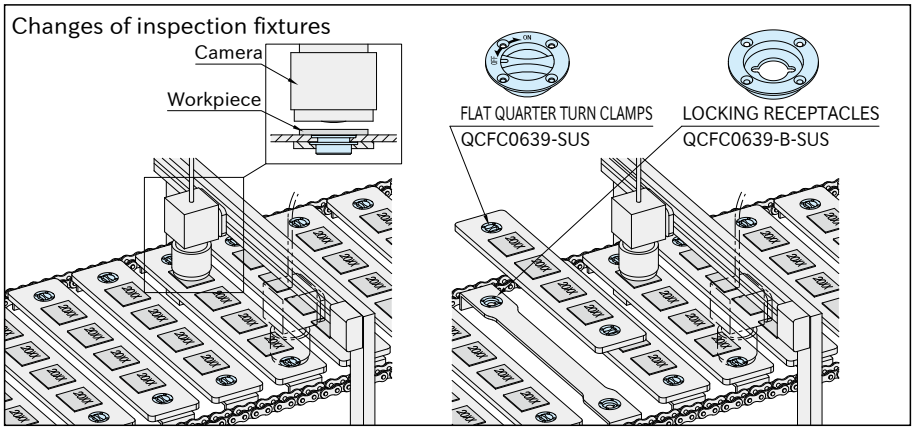


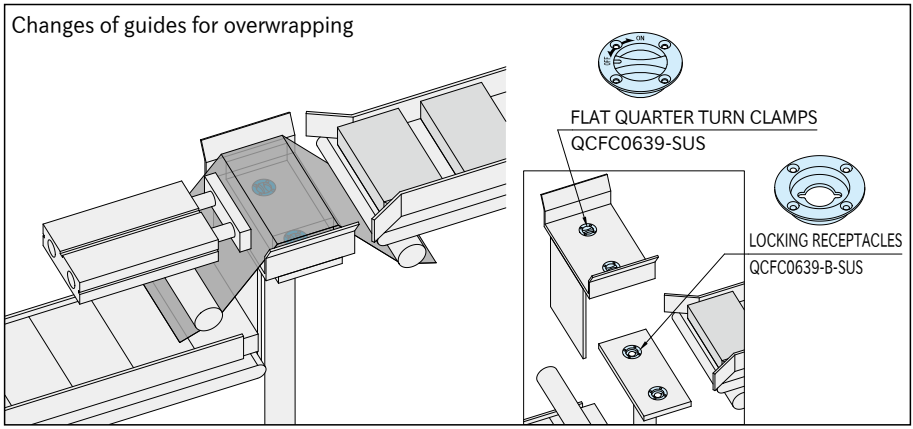
2. Insert the Flat Quarter-Turn Clamp



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





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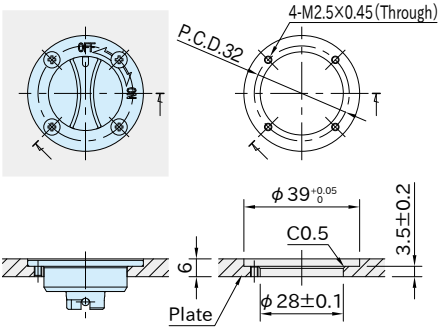
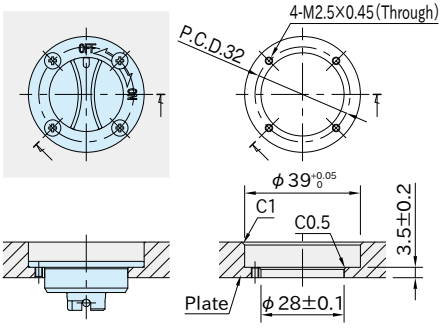
How To Install

For 6mm plate



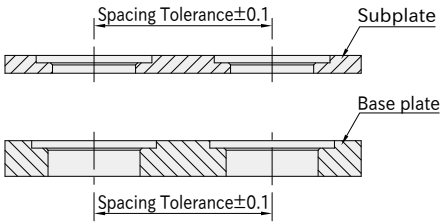
For over 6mm plate



For use with thick plates, provide sufficient counterbore for operation.

Accuracy

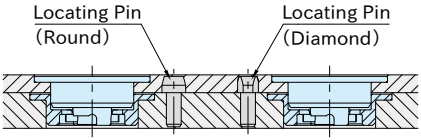
■Machining Accuracy



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

■Repeatability

Repeatability ±0.3



For higher accurate locating, use locating pins.

Reference

"How To Install" of QCFC-B Locking Receptacles