

QCPC

PIN HOLDING CLAMPS



Stainless Steel

Electroless Nickel Plated



QCPC



QCPC-S

(OFF position)

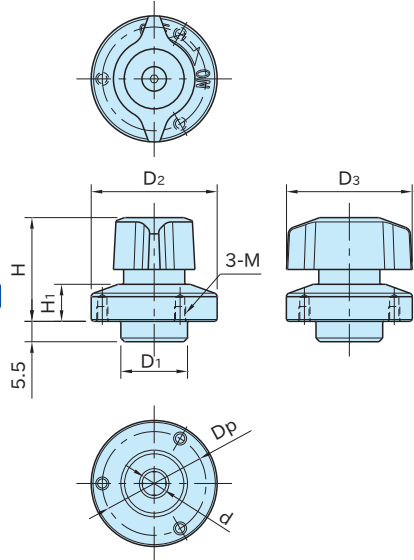


QCPC-SUS



QCPC

(ON position)



★Key Point

Pin clamping design enables space-saving application.

Type	Body	Knob	Ball	Spring
QCPC	S45C steel Electroless nickel plated	Polyamide (glass-fiber reinforced) Black	SUS440C stainless steel	SUS304WPB stainless steel
QCPC-S		SCS13 stainless steel (Equivalent to SUS304)	Quenched and tempered	
QCPC-SUS	SUS303 stainless steel			

Size	Proper Plate Thickness	d (+0.4/+0.2)	D ₁ (h9)	D ₂	D ₃	H	H ₁	M	D _p	Clamping Force (N)	Proper Clamping Pins	
QCPC QCPC-S	0625-10	6~10	6	14	25	25	23	6.5	M2×0.4 Depth 3	21	7	QCPC0625-M4-SUS
QCPC-SUS	0834-14	6~14	8	18	34	34	28	10	M3×0.5 Depth 4	28	9	QCPC0834-M5-SUS

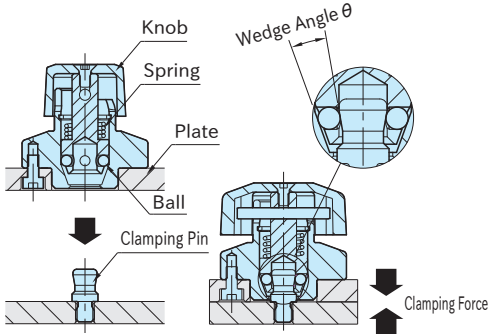
QCPC (Plastic Knob)		QCPC-S (Metal Knob)		QCPC-SUS (Stainless Steel)	
Part Number	Weight (g)	Part Number	Weight (g)	Part Number	Weight (g)
QCPC0625-10	35	QCPC0625-10S	45	QCPC0625-10-SUS	45
QCPC0834-14	85	QCPC0834-14S	105	QCPC0834-14-SUS	105



Supplied With

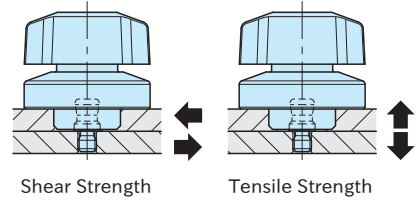
- QCPC | QCPC-S | QCPC-SUS 0625-10 : 3 of socket-head cap screws (stainless steel), M2×0.4-5L
- QCPC | QCPC-S | QCPC-SUS 0834-14 : 3 of socket-head cap screws (stainless steel), M3×0.5-6L

Feature



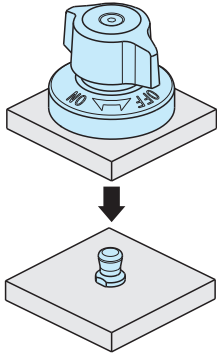
Four balls hold the Clamping Pin to pull the plate for clamping.

Technical Information

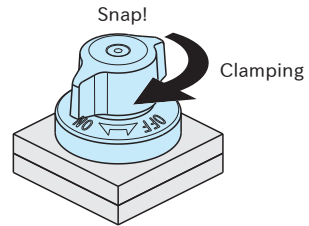


Size		Heatresistant Temperature (°C)	Shear Strength (N)	Tensile Strength (N)
QCPC	0625-10	130	1100	250
	0834-14		1800	400
QCPC-S	0625-10	200	1100	250
	0834-14		1800	400

How To Use



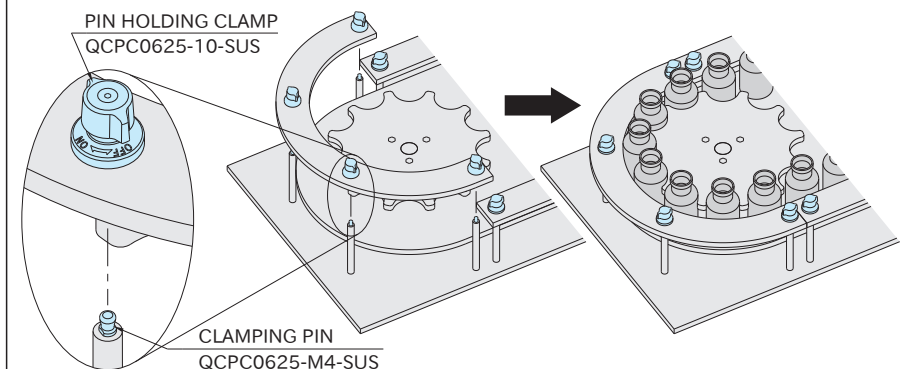
1. Ensure that the knob is positioned at the "OFF" mark and put Pin Holding Clamp over the Clamping Pin.



2. Turn the knob to the "ON" mark for clamping.
Note: For unclamping, follow back these steps.

Application Example

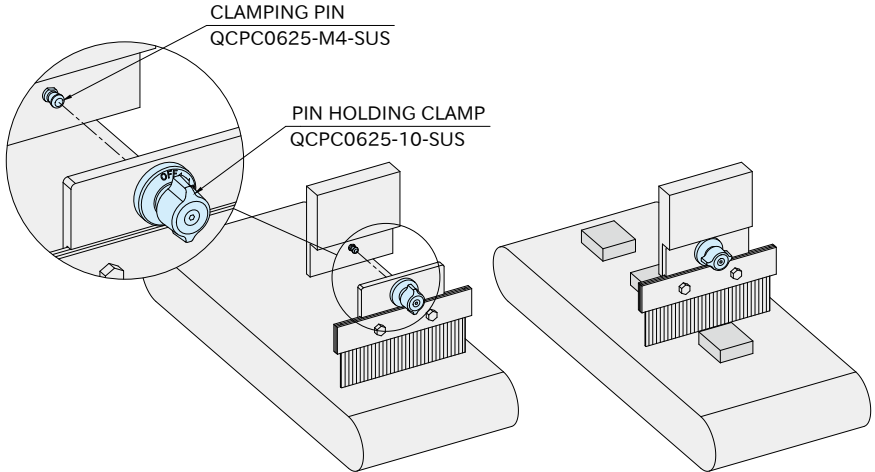
Changes of guides around star wheels



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Application Example

Changes of static electricity removal brush



How To Install

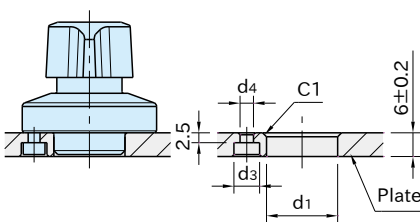
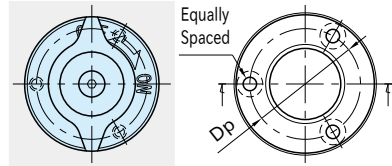
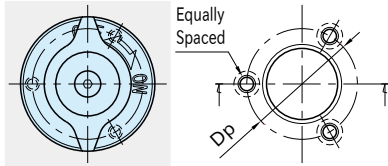


Figure A

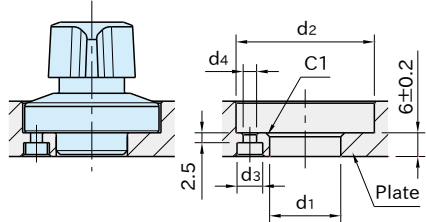
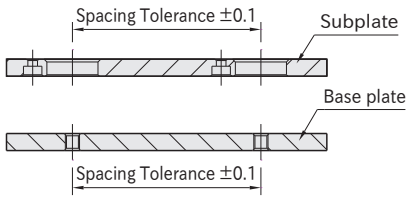


Figure B

Size		Proper Plate Thickness	Figure	d (+0.10 +0.05)	d ₂	d ₃	d ₄	D _p
QCPC	0625-10	6	A	14	—	4.4	2.4	21
		Over 6, 10 or less	B		26			
QCPC-S	0834-14	6	A	18	—	6.5	3.4	28
		Over 6, 14 or less	B		35			

Accuracy

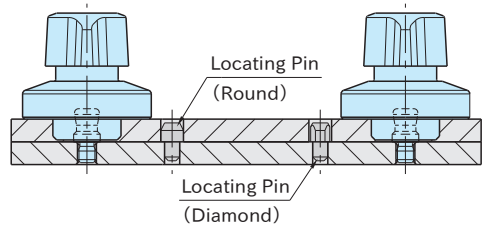
■ Machining Accuracy



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.

✍ Note

Rotation of either sub plate or base plate can get Pin Holding Clamp unclamped, when one pair of the clamp and the clamping pin is used. Prepare a stop in such application.

