


[High Precision] Rotary Cross Roller Stages

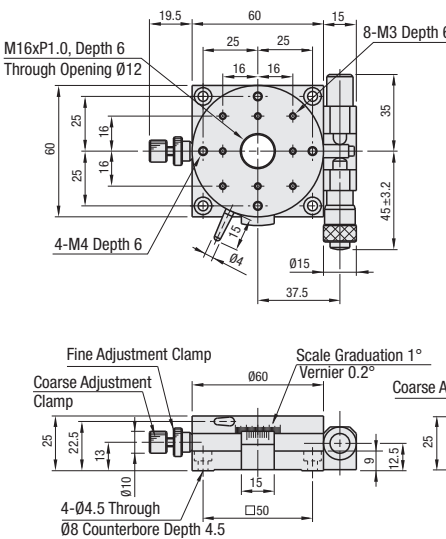
Stainless Steel / with Through Hole

Rotary Cross Roller Stages – Stainless Steel

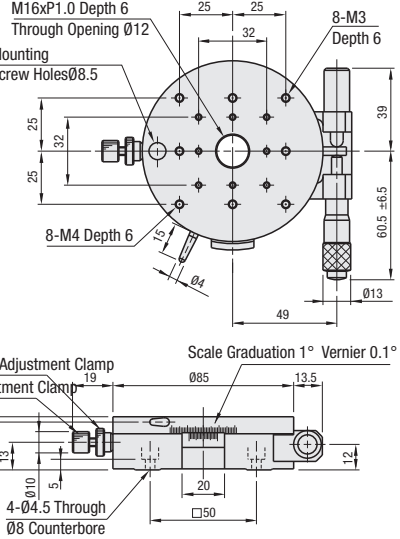


RoHS10

**RPGS60**




**RPGS85**



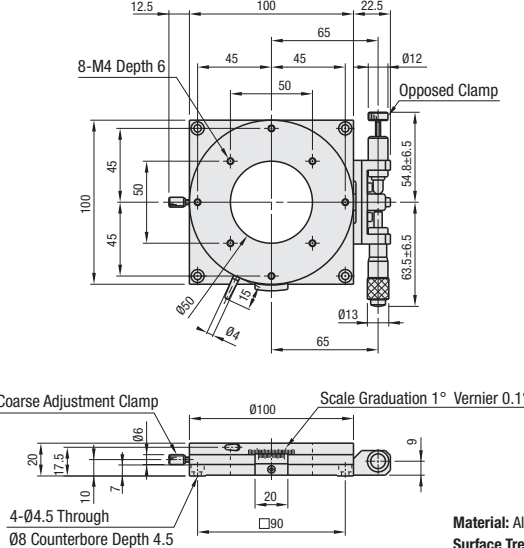
Material: Stainless Steel

Rotary Cross Roller Stages – with a Through Hole



RoHS10

**RPGT100**



Material: Aluminum Alloy  
Surface Treatment: Black Anodize

ⓘ XYPPG (Through Hole XY Stage: **P.2057**) and GPPG (Through Hole Goniometer Stage) can be combined with RPG\_ for wide variety of positioning applications.

Part Number		Stage Surface (mm)	Rotation	Resolution		Load Capacity (N)	Eccentricity (mm)	Weight (kg)	Accessories (4 pcs.)
Type	No.			Vernier	Micrometer				
RPGS	60	Ø60	Coarse 360° Fine ±5°	0.2°	≈ 55" / Scale Graduation	49.0	0.05	0.58	SCB4-8
	85	Ø85		0.1°	≈ 42" / Scale Graduation	58.8		0.97	SCB4-10
RPGT	100	Ø100	Coarse 360° Fine ±5°	0.1°	≈ 32" / Scale Graduation	58.8		0.45	SCB4-6


- ⓘ Knob Cover HDCVR13 (Sold Separately): increases diameter of Ø 13 mm knob. **P.2035**  
ⓘ Extension Cover HDEXT13 (Sold Separately): extends Ø 13 mm head knob. **P.2035**

Part Number Example

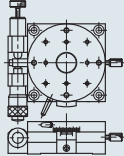
Part Number  
RPGS60

[High Precision] Rotary Stages

High Load Capacity

Part Number Alterations

Part Number - (NR)  
RPGS60 - NR

Alteration	Micrometer Head Position Change
Spec.	Side Mount – Right / Left Reversed 
Code	NR

- ⓘ Mounting dimensions of micrometer heads and clamps are different from those of standard products. See the CAD data details.

ⓘ Mounting Orientation of Rotary Stages

Caution must be taken for installations shown on the right.

Product	Inverted Mounting	Vertical Side Mounting
Surface Contact Slides	Acceptable	Acceptable
Cross Roller Bearing	Good	Acceptable
High Load Capacity (RTOUGH)	Good	Good

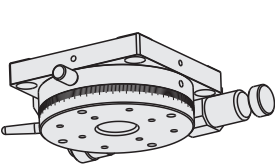
Good: Usable, though limitations apply for loads and moments.

Acceptable: Performance could decline considerably, depending on use or model.

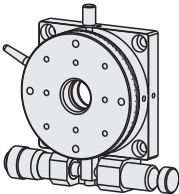
ⓘ Rotary Stage Installations

- (1) Plate Type: Use the included screws with the mounting holes on the bottom plate.  
(2) No Plate Type: Rotate the top plate to align the mounting holes on the bottom plate. Then mount with the included screws.

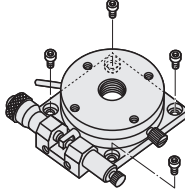
(Inverted Mounting)



(Vertical Side Mounting)



(1) Plate Type



(2) No Plate Type

