

## Rotary Stage



↑ TRS-313



↑ TRS-314T



↑ TRS-317



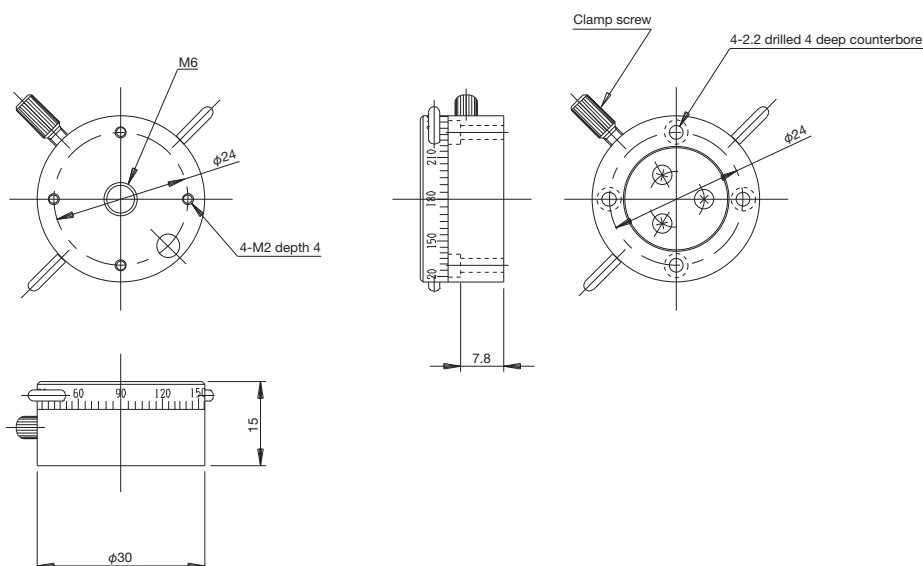
↑ TRS-612

### Features

- Fine feed movement rotary stages.
- The table surface of each stage can be grabbed and rotated 360 degrees with coarse movement.
- Units capable of fine feed movement can be adjusted after the coarse feed clamp is set.
- Versatile use for positioning of cameras, sensors, etc.

Model number	TRS-313	TRS-314T	TRS-317	TRS-317-R	TRS-612
Model name	Rotary Stage $\phi$ 30	Transmission Precision Fine Movement Rotary Stage $\phi$ 30	Fine Movement Rotary Slim Stage $\phi$ 30	Fine Movement Rotary Slim Stage $\phi$ 30 (Reverse Micrometer)	Rotary Stage $\phi$ 62
Travel direction	Rotation direction				
Stage surface	$\phi$ 30 mm	$\phi$ 28 mm	$\phi$ 30 mm		$\phi$ 62 mm
Clamp method	Knob screw method		Compound clamp		-
Operating part mounting position	-	-	Standard position	Reverse micrometer position	-
Fine feed method	-	Feed screw P=0.5 mm	CEH-6.5R (standard micrometer)		-
Travel amount	Coarse movement 360°	Coarse movement 360°, fine movement $\pm$ 1.5°	Coarse movement 360°, fine movement $\pm$ 5°		Coarse movement 360°
Travel amount/1 knob rotation	-	Approx. 2.38°	Approx. 1.36°		-
Scale	Scale reading 5°	-	Scale reading 2°/micrometer 0.01 mm (1 scale marking is approx. 0.027°)		Scale reading 1°
Travel guide	Sliding				
Parallelism	-	-	0.03 mm		-
Circularity	-	-	0.02 mm		-
Surface runout	-	-	0.02 mm		-
Load capacity	19.6 N (2 kgf)		9.8 N (1 kgf)		49 N (5 kgf)
Mass	0.04 kg	0.03 kg	0.1 kg		0.2 kg
Main materials/surface treatment	Aluminum alloy/black satin anodized finish				

### Product Appearance

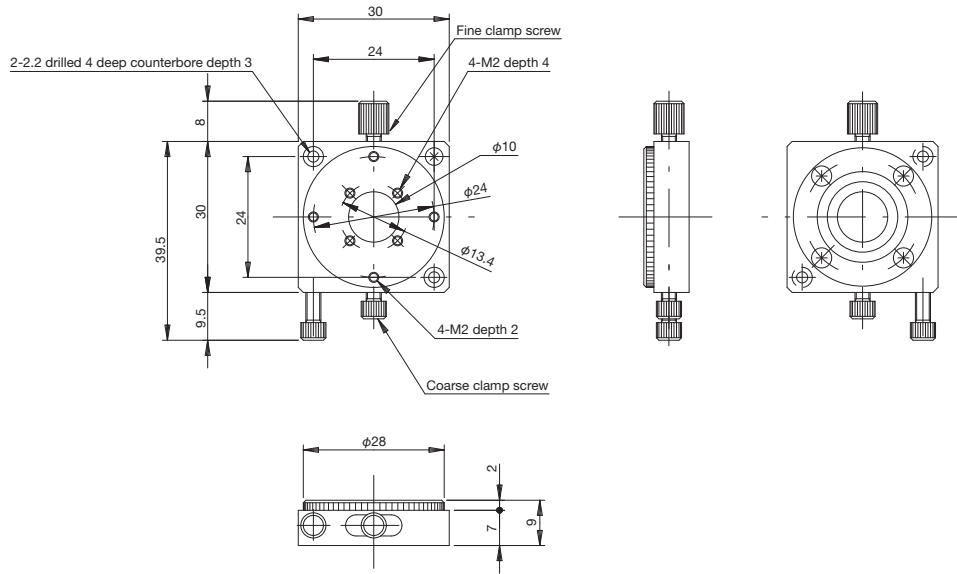


↑ TRS-313

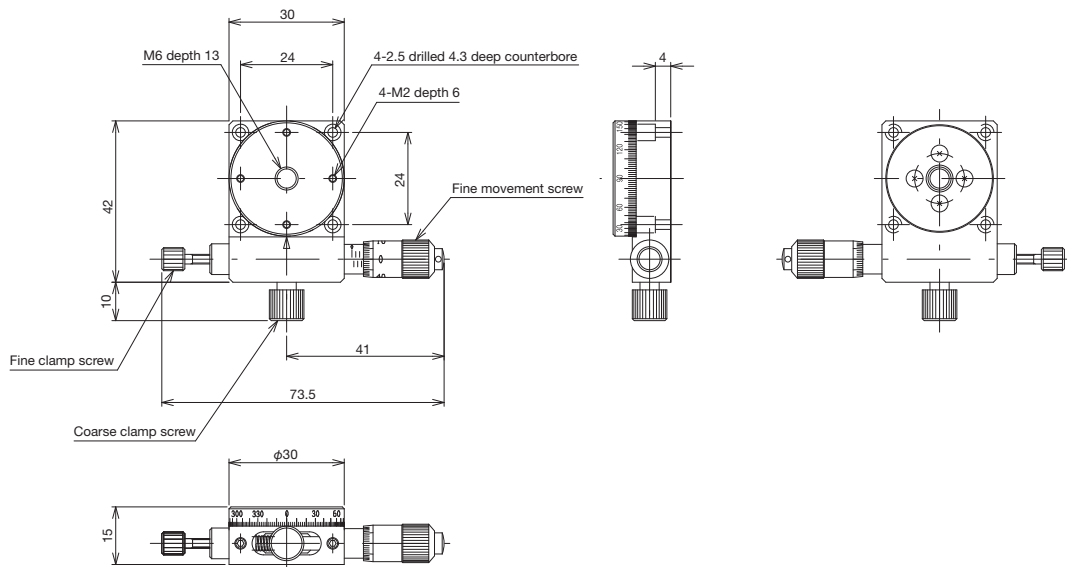


Rotary Stages ◀ Manual Stages ◀

Product Appearance

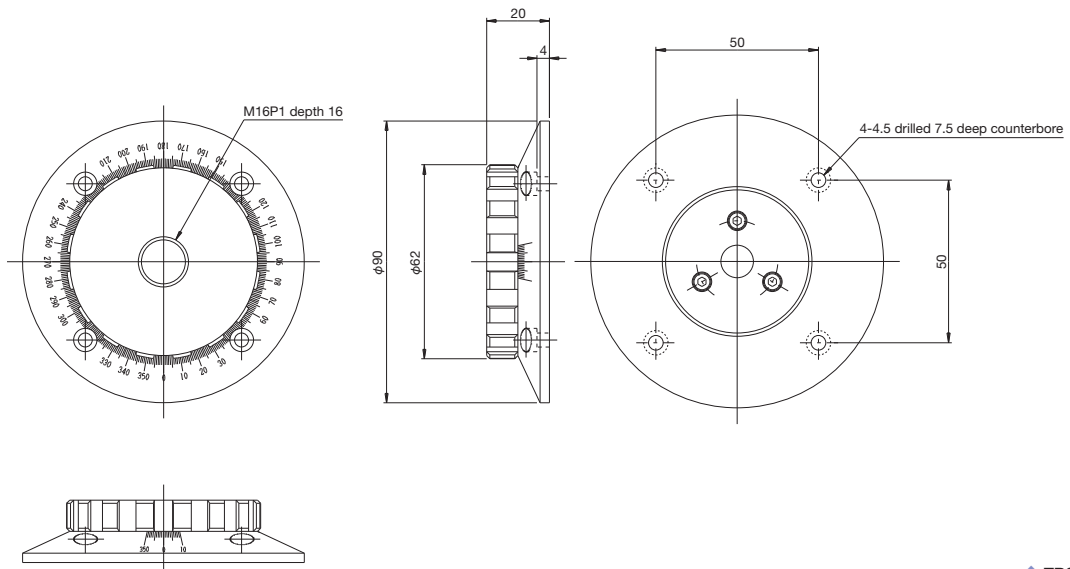


↑ TRS-314T



\*TRS-317-R has the same dimensions as TRS-317 but with reversed micrometer position.

↑ TRS-317



↑ TRS-612

Motorized Stages	Automated Products for Microscopes	Manual Stages	Fx Stages	Thin V8 Stages	Rack & Pinion Stages	High-Grade Stages	Spin Stages, Cross Roller Stages	Z-Like Stages, Z Stages	Rotary Stages	Tilt Stages	Tilt/Rotary Stages	XZ, YZ Stages	XZ Stages
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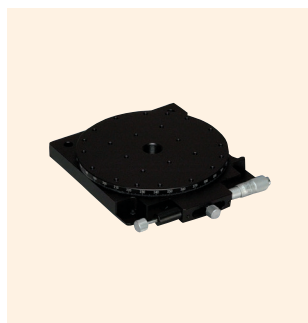
## Rotary Stage



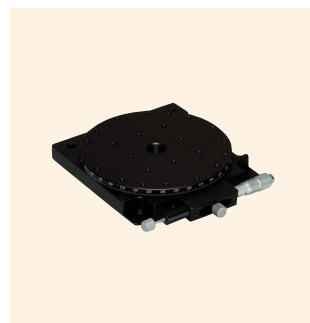
↑ TRS-917



↑ TRS-112



↑ TRS-117



↑ TRS-147-1

### Features

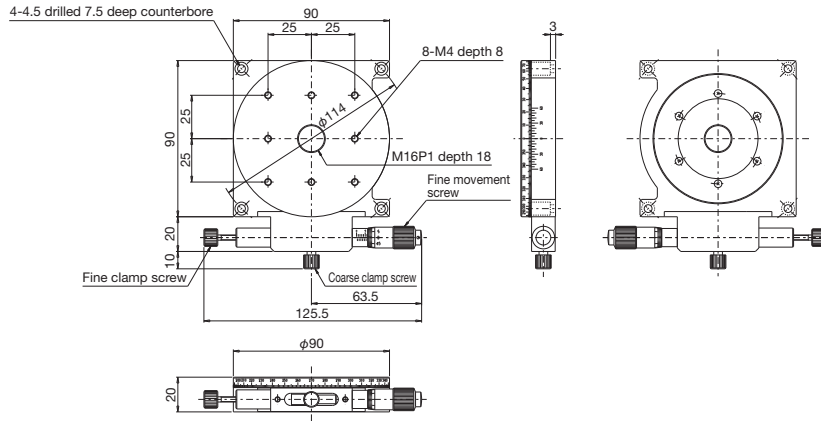
- Rotary stages with differing fine feed movement.
- The table surface of each stage can be grabbed and rotated with coarse movement 360 degrees.
- Units capable of fine feed movement have a table surface that can be grabbed and rotated 360 degrees with coarse movement. The clamp screw can then be secured after coarse movement, and the table can be moved with the micrometer head for fine movement.
- Units capable of fine feed movement can be adjusted after the coarse feed clamp is set.
- Versatile use for positioning of cameras, sensors, etc.

Model number	TRS-917	TRS-112	TRS-117	TRS-147-1
Model number (Reverse micrometer)	TRS-917-R	-	TRS-117-R	TRS-147-1R
Model name	Fine Movement Rotary Slim Stage $\phi$ 90	Rotary Stage $\phi$ 100	Fine Movement Rotary Slim Stage $\phi$ 125	
Travel direction	Rotation direction			
Stage surface	$\phi$ 90 mm	$\phi$ 100 mm	$\phi$ 125 mm	
Clamp method	Complex clamp	-	Complex clamp	
Operating part mounting position	Standard position *-R is the reversed micrometer position	-	Standard position *-R is the reversed micrometer position	
Fine feed method	CMH-13RM (standard micrometer)	-	CMH-13RM (standard micrometer)	
Travel amount	Coarse movement 360°, fine movement $\pm 5^\circ$	Coarse movement 360°	Coarse movement 360°, fine movement $\pm 5^\circ$	
Travel amount/1 knob rotation	Approx. 0.5°	-	Approx. 0.39°	
Scale	Vernier reading 5'/ micrometer 0.01 mm (1 scale marking is approx. 0.01°)	Scale reading 1°	Vernier reading 5'/ micrometer 0.01 mm (1 scale marking is approx. 0.008°)	
Travel guide	Sliding			V-groove and cross rollers
Parallelism	0.02 mm	-	0.05 mm	0.06 mm
Circularity	0.04 mm	-	0.05 mm	0.03 mm
Surface runout	0.02 mm	-	0.03 mm	0.04 mm
Load capacity	29.4 N (3 kgf)	98 N (10 kgf)	29.4 N (3 kgf)	147 N (15 kgf)
Mass	0.5 kg		0.9 kg	
Main materials/surface treatment	Aluminum alloy/black satin anodized finish			



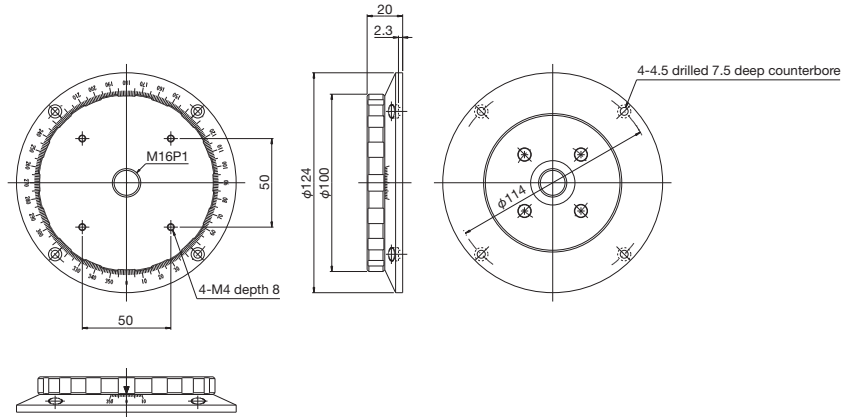
Rotary Stages ◀ Manual Stages ◀

Product Appearance

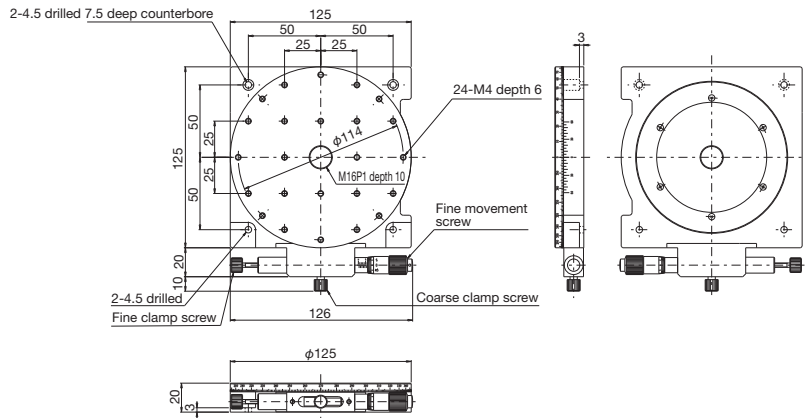


\*TRS-917-R has the same dimensions as TRS-917 but with reversed micrometer position.

↑ TRS-917

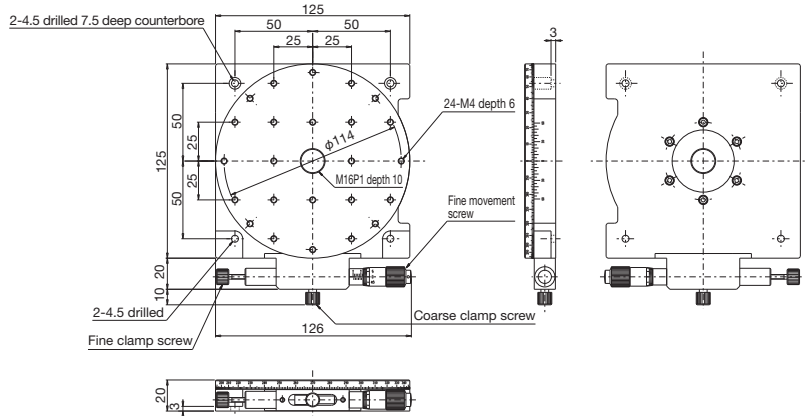


↑ TRS-112



\*TRS-117-R has the same dimensions as TRS-117 but with reversed micrometer position.

↑ TRS-117



\*TRS-147-1R has the same dimensions as TRS-147-1 but with reversed micrometer position.

↑ TRS-147-1

Motorized Stages	Automated Products for Microscopes	Manual Stages	Fx Stages	Thin VB Stages	Rack & Pinion Stages	High-Grade Stages	Spin Stages, Cross Roller Stages	Z-Like Stages	Rotary Stages	TR Stages	TR/Rotary Stages	XZ, YZ Stages	XYZ Stages
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