

Kinematic Prism Platforms

Optics

Lenses

Mirrors & Beamsplitters

Prisms & Polarizers

Filters

Pinholes

- **Kinematic designs specifically for prisms and beamsplitters**
- **8-32 (M4) mounting hole patterns**
- **100 TPI threads per inch adjusters**
- **Allen key adjusters**
- **Clamp arm with soft rubber pad**



Opto-mechanics

Breadboards & Rails

Mounting Hardware

Mirror & Component Mounts

Manual Micro Positioners

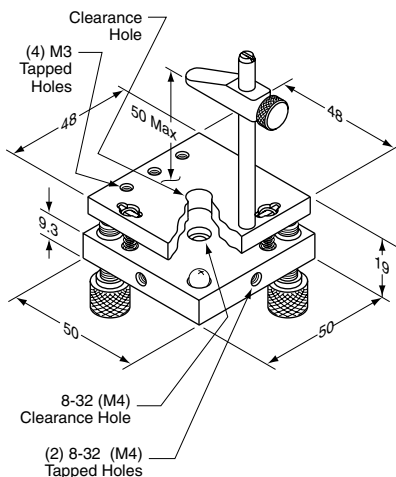
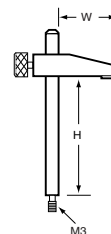
Motorized Positioners

The Ealing Kinematic Prism and cube beamsplitter mounts are based on the same reliable design as the Kinematic Mirror Mounts. They provide angular adjustments to allow precise alignment of prisms and beamsplitters in optical systems and experiments. There are two designs available. One is a 50 mm (2 inch) square platform that can be horizontally or vertically mounted. It accepts cubes or prisms up to 50 mm (2 inch) in size. The other is a more compact vertically mounted design that accepts up to 25 mm (1 inch) cubes and prisms.

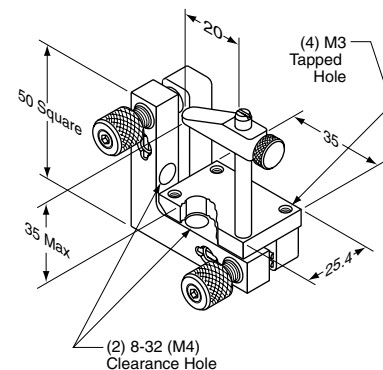
Either mount can be post mounted on our standard Half-inch Posts using M4 (8-32) screws and the clearance holes in the mount's base.

Note: Kinematic Prism Platforms are not supplied with clamp rod arms.

Clamp Rod/Arm For Prisms/Beamsplitters



53-2259
Kinematic Platform



53-2267
Kinematic Prism/Beamsplitter Mount

Specifications

Angular Adjustment Range: $\pm 10^\circ$

Pivot Arm Length: 38 mm

Actuator Thread Pitch: 100 TPI

Angular Resolution or Sensitivity: 3.8 arcsec (0.001°)

Maximum Component Sizes -

53-2259: 50 mm

53-2267: 25 mm

Kinematic Prism Platforms

Catalog Number	Description	H (mm)	W (mm)	Price US
53-2259	Kinematic Platform			\$64.00
53-2267	Kinematic Prism/Beamsplitter Mount			\$69.00
53-2333	Short Clamp Rod/Arm for Prisms/Beamsplitters	35.0	20.0	\$16.00
53-2341	Tall Clamp Rod/Arm for Prisms/Beamsplitters	50.0	30.0	\$16.00