

## Two Adjuster Kinematic Mirror Mounts

### Features

#### KM05/M

- Hardened Inserts Under Adjustment Screws
- Brass Sleeves for Smooth Adjuster Movement
- 3/16" -100 TPI Precision Adjusters
- Nylon tipped locking screw

#### KM100 & KM200

- Tip and Tilt Angular Range  $\pm 4^\circ$
- Improved 1/4" -80 Adjusters with Brass Sleeves.
- Hardened inserts at all wear points.
- Stronger springs for greater stability.

Model	Description
KM05/M	Kinematic Mirror Mount for $\varnothing 1/2"$ Optics (Metric)
KM100	Kinematic Mirror Mount for $\varnothing 1"$ Optics
KM200	Kinematic Mirror Mount for $\varnothing 2"$ Optics



## Detachable Kinematic Mirror Mounts

### Features

- Detachable kinematic front plate
- Rare earth magnets supply coupling force for repeatability better than  $10\mu$  rad
- KS1RF front plates can be individually adjusted for specific positioning requirements

Model	Description
KS1R	Removable Plate Kinematic Mount for $\varnothing 1"$ Optics
KS1RF	Extra Front Plate for KS1R



## Ultra-Stable Kinematic Mirror Mounts

### Features

- 3 Lockable 80 TPI Adjusters
- Mounts in left-hand or right-hand orientation
- Ultra-Stable Design
- Tilt & Translation

Model	Description
KS05/M	Ultra-Stable Kinematic $\varnothing 1/2"$ Mirror Mount (Metric)
KS1	Ultra-Stable Kinematic $\varnothing 1"$ Mirror Mount
KS2	Ultra-Stable Kinematic $\varnothing 2"$ Mirror Mount
KS3	Ultra-Stable Kinematic $\varnothing 3"$ Mirror Mount
KS4	Ultra-Stable Kinematic $\varnothing 4"$ Mirror Mount, with Flexlock Adjusters



### Differential Drive Kinematic Mirror Mounts

#### Features

- Tip & Tilt High Precision Differential Adjusters
- Ultra-Stable Design, 5/8" Thick Back Frame
- Three Lockable Adjusters
- Universal Design-English and Metric Compatible

Model	Description
KS1D	Differential kinematic Ø1" Optic Mount
KS2D	Lockable kinematic Ø2" Optic Mount



### Compact Kinematic Mounts

#### Features

- Hardened Inserts Under Adjustment Screws
- Brass Sleeves for Smooth Adjuster Feel
- 3/16" -100 TPI Precision Adjusters

Model	Description
MH25	Mirror Holder for Ø1" Optics
KMS/M	Compact Kinematic Mount for Ø1" Optics (Metric)



### Kinematic Pellicle Mounts

#### Features

- ±4° Angular Range
- Strong springs for greater stability
- Hardened inserts at all wear locations.
- Easy-to-use "Drop-in" design

Model	Description
KM100BP	Kinematic Mount for Ø1" Pellicle Optics
KM200BP	Kinematic Mount for Ø2" Pellicle Optics



### 6-Axis Kinematic Mounts

#### Features

- General Purpose High Precision Positioner
- Used for Crystal Alignment, Lens Alignment for Diffraction Limited Performance, and Fiber Optic Coupling
- Threaded Center Bore That Directly Accepts Ø1" Optics

Model	Description
K6X	6 axis Kinematic Optic Mount
K6A1/M	0.5" x 1.44" Platform Mounted to the Rotation Stage of the K6X

