

50.0/50.8mm Optic Dia., Kinematic Mirror Mount



Stock **#55-005** 7 In Stock

-

1

+

€347^{,11}

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Volume Pricing	
Qty 1-4	€347,11 each
Qty 5+	€329,81 each
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SPECIFICATIONS

General

Adjustable - Tip-Tilt

Type:

Circular

Type of Optics:

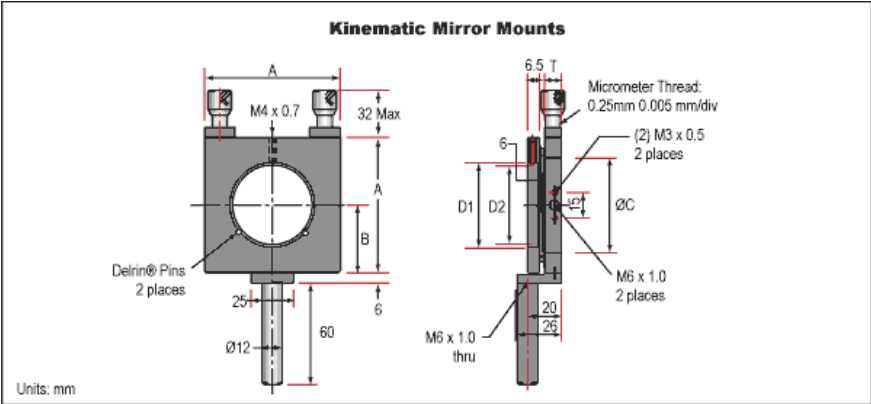
Type of Adjustment Screws:	
Lead Screw	
Physical & Mechanical Properties	
Clear Aperture CA (mm):	
47.0	
Fine Tilt Angle (°):	
±2	
Fine Tip Angle (°):	
±2	
Min. Thickness of Compatible Optics (mm):	
3.0	
Threading & Mounting	
Size of Compatible Optics (mm):	
50.0 - 50.8	
Compatible Post:	
M6 x 1.0	
Regulatory Compliance	
RoHS 2015:	
Exempt	
Certificate of Conformance:	
View	
Reach 247:	
Contains SVHC(s)	

PRODUCT DETAILS

- Micrometer or Lead Screw Driven Tip-Tilt Adjustment
- Color Coded Knobs for Tip and Tilt
- Set Screws and Delrin® Pads Hold Optical Component in Place
- [Posts](#) and [Post Holders](#) Required for Mounting

Top Adjustment Kinematic Mounts attach to posts or other optomechanics to securely hold optical components in place. Micrometers or adjustment screws are positioned at the top of the mounts to avoid interfering with system placement. The M6 mounting hole is positioned to where the first surface of the mounted mirror is as close to the post centerline as possible. Top Adjustment Kinematic Mounts are constructed of black anodized aluminum. [Posts](#) and [Post Holders](#) are required for mounting to a breadboard.

TECHNICAL INFORMATION



Optic Diameter D1 (mm)	Clear Aperture, D2 (mm)	A (mm)	B (mm)	C (mm)	Stock No.
25.00	22.00	60.00	30.00	36.00	#56-327
					#56-238*
25.40	22.00	60.00	30.00	36.00	#55-003
					#55-456*
50.80	47.00	80.00	40.00	56.00	#55-005
					#56-326*
50.00	47.00	80.00	40.00	56.00	#55-457*
* with micrometer					

Kinematic Mirror Mounts

The image displays two technical drawings of a Kinematic Mirror Mount. The left drawing is a front view showing a square base with a central circular hole. It features two M4 x 0.7 screws at the top, with a maximum height of 32 mm. The base has a central hole with a diameter of Ø12 and a length of 60 mm. The base is mounted on a Delrin® pin, which is 25 mm long and has a diameter of Ø12. The right drawing is a side view showing the profile of the mount. It includes dimensions for the base thickness (6 mm), the central hole diameter (ØC), and the pin diameter (Ø12). The base is made of Delrin® and has a length of 60 mm. The pin is 25 mm long and has a diameter of Ø12. The base is mounted on a Delrin® pin, which is 25 mm long and has a diameter of Ø12. The base is made of Delrin® and has a length of 60 mm. The pin is 25 mm long and has a diameter of Ø12.

Units: mm

Units: mm