

25.0/25.4mm Optic Dia., Kinematic Mirror Mount with Micrometer



Stock #55-456 **3 In Stock**

1 **C\$505^{.40}**

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Volume Pricing	
Qty 1-4	C\$505.40 each
Qty 5+	C\$480.48 each
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Product Downloads	
STEP:step	PDF Drawing:pdf
IGES:igs	eDrawing:eprt
EO Spec Sheet	Download All

General

Type: Adjustable - Tip-Tilt	Type of Optics: Circular
Note: Available in Quick Start Kit: #17-519	Type of Adjustment Screws: Micrometer

Physical & Mechanical Properties

Clear Aperture CA (mm): 22.0	Fine Tilt Angle (°): ±2.5
Fine Tip Angle (°): ±2.5	Min. Thickness of Compatible Optics (mm): 3.0

Threading & Mounting

Size of Compatible Optics (mm): 25.0 - 25.4	Compatible Post: M6 x 1.0
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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

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	1/4-20 Female and M6 x 1.0 Male		#53-927	C\$13.65 Volume Pricing Request Quote	20+ In Stock <input type="text" value="1"/>

Related Products



E-Series Kinematic Optical Mirror Mounts



E-Series Clear Edge Kinematic Optical Mirror Mounts



Metric Stainless Steel Mounting Posts



Post Holders

Frequently Purchased Together



#03-641 - 36" x 4", Breadboard
C\$403.20



#03-642 - 36" x 8", Breadboard
C\$565.60



#03-671 - Ring Mount for #40-998
C\$70.00



#03-676 - 7.0 - 40.0 Optic Height, English Bar-Type Optic Holder
C\$148.40



Resources

Media Type

- Application Note
- Video
- FAQ
- Glossary
- Trending in Optics

APPLICATION NOTE

A Closer Look
at Kinematic
Movement

VIDEO

E-Series
Kinematic
Optical Mirror
Mounts

VIDEO

TECHSPEC®
90° Kinematic
Adapter

VIDEO

Important
Concepts for
Selecting
Optical...

FAQ

How do
truncated
optics
eliminate the...

GLOSSARY

Gimbal

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