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100.0/101.6mm Optic Dia., E-Series Kinematic Mount



#15-869: 100.0/101.6mm Optic Dia., E-Series Kinematic Mount



Stock **#15-869** **5 In Stock**

⊖ 1 ⊕ **SS\$431²⁰**

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Volume Pricing

Qty 1-9	SS\$431.20 each
Qty 10-49	SS\$409.08 each
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General

Adjustable - Tip-Tilt **Type:**

Circular **Type of Optics:**

2 **Number of Adjustment Screws:**

Physical & Mechanical Properties

97 **Clear Aperture CA (mm):**

Construction:
Aluminum Plates, Stainless Steel Screws, and Brass Thread Bushings

±3.5 **Fine Tilt Angle (°):**

±3.5 **Fine Tip Angle (°):**

0.25 **Adjustment Screw Pitch (mm):**

8 **Min. Thickness of Compatible Optics (mm):**

63.50 **Optical Axis Height (mm):**

Threading & Mounting

100.0 - 101.6 **Size of Compatible Optics (mm):**

M6 x 1.0, M4 x 0.7, 8-32 **Compatible Post:**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 247:**

Product Details

- Essential Mount for Experiments and OEM System
- Economic Price
- 0.5" - 4.0" Dia. Versions Available
- M6 x 0.25 (101.6 TPI) Adjustment Screws

E-Series Kinematic Optical Mirror Mounts offer many high value features essential for applications in R&D, prototyping, and system integration. The mounts are offered with 2 screws for tip and tilt optical adjustment and alignment ($\pm 3.5^\circ$). The M6 x 0.25 (101.6 TPI) adjustment screws provide smooth movement and can be driven by hand or by Allen key (2mm key size). The adjustment screw knobs are removable to create a more compact form factor. E-Series Kinematic Optical Mirror Mounts feature mounting holes with both a counterbore designed to accommodate M4 or 8-32 mounting hardware, and M6 x 1.0 internal threads for increased mounting versatility and direct compatibility to [TECHSPEC® Stainless Steel Mounting Posts](#) and [Pedestal Posts](#).

Technical Information

E-SERIES KINEMATIC CIRCULAR OPTICAL MOUNTS

A (mm)	B (mm)	C (mm), Nominal	Optical Diameter D1 (mm)	Clear Aperture D2 (mm)	Stock No.
25.4	43.5	39.5	12.7/12.5	10	#15-865
25.4	43.5	39.5	25.4/25.0	23	#15-866
38.1	70.1	41.5	50.8/50.0	49	#15-867
50.8	98.9	49.5	76.2/75	72	#15-868
63.5	123.5	54.5	101.6/100	97	#15-869

