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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 **20+ In Stock**

1 £246⁰⁰

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Volume Pricing

| | |
|------------|-------------------------------|
| Qty 1-9 | £246.40 each |
| Qty 10-49 | £233.76 each |
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Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Adjustable - Tip-Tilt **Type:**

Circular **Type of Optics:**

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 |

