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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

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1

+

S\$431^{.20}

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Volume Pricing	
Qty 1-9	S\$431.20 each
Qty 10-49	S\$409.08 each
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Product Downloads

General	
Adjustable - Tip-Tilt	Type:
Circular	Type of Optics:
2	Number of Adjustment Screws:

Physical & Mechanical Properties	
97	Clear Aperture CA (mm):
Aluminum Plates, Stainless Steel Screws, and Brass Thread Bushings	Construction:
±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 (±3.5°). 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
					