

TECHSPEC[®] S-Mount Kinematic Mount (2-Screw Adjustment)



S-Mount Kinematic Mount (2-Screw Adjustment) (#11-132)

Stock **#11-132** 3 In Stock

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1

+

£97⁶⁰

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Qty 1-49	£97.60 each
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SPECIFICATIONS

General

Tube Mount

Type:

Number of Adjustment Screws:

Kinematic (Tip-Tilt)		Function:
Physical & Mechanical Properties		
19.60	Thickness (mm):	
No Z-Axis Translation	Travel (mm):	
Construction: Aluminum Plates, Stainless Steel Screws, and Brass Thread Bushings		
±5	Fine Tilt Angle (°):	
±5	Fine Tip Angle (°):	
7.0	Sensitivity per 1° Knob Rotation (arcsec):	
1.3	Pointing Accuracy (μrad):	
0.20	Adjustment Screw Pitch (mm):	
M12 x0.5	Aperture Size:	
23.5	Height (mm):	
Threading & Mounting		
M4	Mounting Threads:	
S-Mbunt	Thread Type:	
M4 x0.7	Compatible Post:	
Regulatory Compliance		
Compliant	RoHS 2015:	
Compliant	Reach 224:	
View	Certificate of Conformance:	

PRODUCT DETAILS

- Allow for Kinematic Adjustment of C, S, and T-Mbunt Components
- Horizontal Mounting Adapters Available
- Removable Turning Knobs for HexKey Access

TECHSPEC® C, S, and T-Mbunt Kinematic Mounts feature high accuracy adjustment screws in either two or three screw versions for control of tip and tilt. Three screw versions allow additional translation in the optical axis (Z-Axis). The C-Mbunt Kinematic Mounts have 1"-32 TPI female threading to hold C-Mbunt components; the S-Mbunt Kinematic Mounts have M12 x0.5 threading to hold S-Mbunt components; the T-Mbunt Kinematic Mounts have M42 x0.75 threading to hold T-Mbunt components. All three mounts use fine adjustment, 100+ TPI, screws to provide ±5° of tip/tilt, and high quality construction and materials ensure quality and repeatability. Stainless steel inserts are used for all adjustment screw contact surfaces and specially designed dampening grease provides smooth movement. Adjustment knobs are removable for Allen Key or motorized adjustment (2mm key size). TECHSPEC® C, S, and T-Mbunt Kinematic Mounts are designed to connect to our [TECHSPEC® Optical Posts](#). For C-Mbunt and T-Mbunt types, when the male-thread adapter is removed from the post, either an M4 or 8-32 tapped hole is available to accept the post-mounting screw from the mount. For the S-Mount types, an M4 hole is available for mounting.

Note: Included hardware kits contain appropriate post mounting screws and Allen wrenches for adjustment. [TECHSPEC® Optical Mount Accessories](#) are available to easily integrate TECHSPEC® C, S, and T-Mbunt Kinematic Mounts into a variety of applications.