

TECHSPEC[®] Filter Kinematic Mount, 3-Screw



Stock #58-875 20+ In Stock

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1

+

A\$220^{.80}

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Volume Pricing	
Qty 1-4	A\$220.80 each
Qty 5-9	A\$198.72 each
Qty 10+	A\$183.52 each
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General

Type:

Adjustable - Tip-Tilt

Type of Optics:

Square or Rectangular

Number of Adjustment Screws:

3

Physical & Mechanical Properties

1" (25mm)	Aperture Size:
Z-Axis: 8	Travel (mm):
Construction: Aluminum Plates, Stainless Steel Screws, and Brass Thread Bushings	
±5	Fine Tilt Angle (°):
±5	Fine Tip Angle (°):
4	Sensitivity per 1° Knob Rotation (arcsec):
0.25	Adjustment Screw Pitch (mm):
1.3	Pointing Stability (μrad):
25.0	Aperture Size (mm):

Optical Properties

0.4 per 0.25mm turn	Angle Tolerance (°):
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Threading & Mounting

12.7 - 101.6	Size of Compatible Optics (mm):
0.5 - 3.7	Thickness of Compatible Optics (mm):
M4 x0.7, 8-32	Compatible Post:

Environmental & Durability Factors

<5	Thermal Stability (μrad):
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Regulatory Compliance

Compliant	RoHS 2015:
Compliant	Reach 224:
View	Certificate of Conformance:

Product Details

- 100 TPI Lockable Fine Adjustment Screws
- Tip/Tilt Range: ±5°
- Three Screw Versions Permit Translation of Optical Axis

Our TECHSPEC® Kinematic Filter Mounts allows precise and accurate adjustment of filters. Each mount features high accuracy adjustment screws in either two (2) or three (3) screw versions for control of tip and tilt. Three screw versions allow additional translation in the optical axis.

Our English/Metric friendly design holds square and rectangular filters from 12.7mm in size. Nylon-tipped locking screws (1.5mm hex key included) prevent damage to the optics , and incorporated fingercuts make placement of optical components convenient and accurate.

Construction 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). Included hardware kit contains post-mounting screws and Allen wrenches for adjustment.

These mounts are designed to connect to our [TECHSPEC® Metric Stainless Steel Mounting Posts](#). 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.

[TECHSPEC® Optical Mount Accessories](#) available to easily integrate TECHSPEC® Kinematic Filter Mounts into a variety of application setups.