

Fixed Mirror Mounts

These fixed mirror mounts provide an economical means for securing a mirror in applications where kinematic adjustment is not required or where the direction of the beam is controlled by other components.



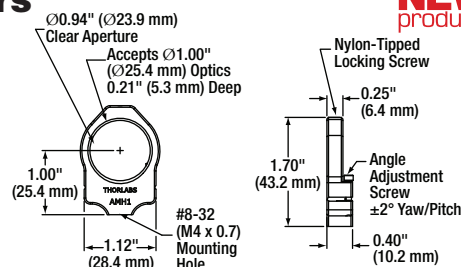
- Economical Mirror Mounting Solution
- Imperial and Metric Versions
- Mounts for Ø1/2", Ø1", and Ø2" Mirrors
- #8-32 (M4 x 0.7) Mounting Holes

ITEM#	METRIC ITEM#	\$	£	€	RMB	DESCRIPTION
FMP05	FMP05/M	\$ 12.60	£ 8.75	€ 11,20	¥ 106.40	Ø1/2" (Ø12.7 mm) Fixed Mirror Mount
FMP1	FMP1/M	\$ 14.70	£ 10.20	€ 13,10	¥ 124.20	Ø1" (Ø25.4 mm) Fixed Mirror Mount
FMP2	FMP2/M	\$ 19.30	£ 13.40	€ 17,20	¥ 163.00	Ø2" (Ø50.8 mm) Fixed Mirror Mount

Single-Axis Flexure Mount for Ø1" Mirrors



- Compensate for Beam Height Deviation
- Single-Axis Adjustment of ±2°
- Holds Ø1" (Ø25.4 mm) Mirrors
- Flexure Adjusted via 5/64" (1.5 mm) Hex Socket
- #8-32 (M4 x 0.7) Tapped Hole for Post Mounting



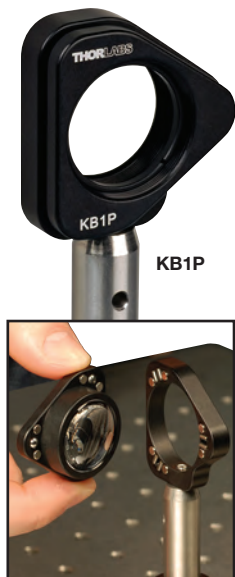
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With most conventional fixed mirror mounts, the mirror surface is not perfectly perpendicular to the optical table, causing the reflected beam to deviate from being parallel to the table. The AMH1 compensates for this condition by providing a spring-loaded flexure design that offers ±2° adjustment of a reflected beam along the Y-axis. The flexure adjustment is made using a 5/64" (1.5 mm) hex socket cap screw on the back of the mount. A nylon-tipped setscrew holds a Ø1.00" (Ø25.4 mm) optic in the center of the mount.

Please refer to our website for complete models and drawings.

ITEM#	METRIC ITEM#	\$	£	€	RMB	DESCRIPTION
AMH1	AMH1/M	\$ 23.00	£ 16.00	€ 20,50	¥ 194.30	Single-Axis Flexure Mount

Magnetically Coupled Mount for Ø1" Optics



- SM1 (Ø1.035"-40) Threaded Mounting Carriage for Ø1" Optics
- One SM1RR Retaining Ring Included
- Magnetically Coupled, Removable Mounting Carriage
- #8-32 (M4 x 0.7) Tapped Hole on Back Plate for Post Mounting
- Ideal for use with Lenses, Filters, Apertures, and Other Optics



NEW
products

The KB1P Magnetically Coupled Mount contains a back plate to which a removable mounting carriage can be magnetically coupled. This mount is designed for applications that require the easy addition and removal of a Ø1" (Ø25.4 mm) optical element. The removable carriage can be repositioned to within 20 µrad of its original position, thereby eliminating the need to align the optic when it is reinserted into the setup. For stability, precision, and repeatability, the mounting carriage makes contact with the back plate at three points. Each point of contact consists of a ball bearing located on the mounting carriage and resting in the groove formed by two hardened steel pins. The coupling force is provided by six pairs of rare earth magnets.

ITEM#	METRIC ITEM#	\$	£	€	RMB	DESCRIPTION
KB1P*	KB1P/M*	\$ 46.00	£31.90	€ 40,90	¥ 388.50	Magnetically Coupled Mount for Ø1" Optic
KB1B	KB1B/M	\$ 25.00	£17.40	€ 22,20	¥ 211.20	Additional Back Plate
KB1F*	KB1F/M*	\$ 25.00	£17.40	€ 22,20	¥ 211.20	Additional Mounting Carriage

*One SM1RR Retaining Ring included