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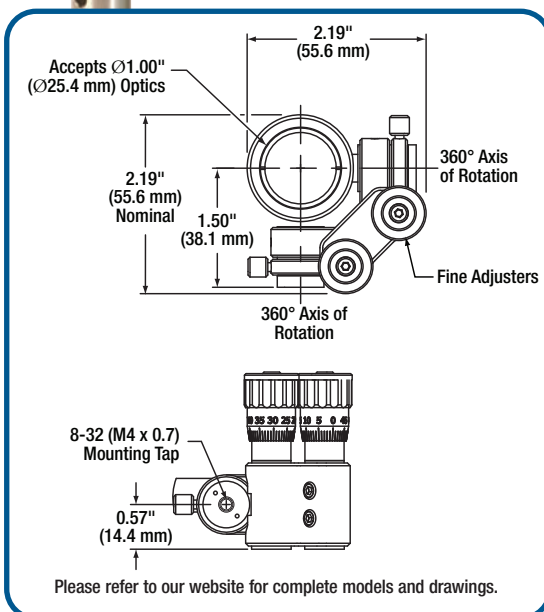
Adapters

Full Turret Plus Gimbal Mount for Ø1" Optics



- True Gimbal Rotation
- Accepts Optics up to 0.25" (6.4 mm) Thick
- Fine Adjustment Provides $\pm 15^\circ$ at $1^\circ/\text{rev}$
- Fully Lockable Design

The GMB1 optic mount, which is designed to hold Ø1" (Ø25.4 mm) optics up to 0.25" (6.4 mm) thick, features true gimbal motion in order to eliminate crosstalk when steering a beam of light. The point of rotation for both axes is located at the center of the mounted optic's surface. The coarse adjustment allows 360° of manual positioning for both angular degrees of freedom. Utilizing locking thumbscrews and fine pitch adjusters, the GMB1 offers both coarse adjustment and fine tuning. The fine adjustment allows for $\pm 15^\circ$ of control, with rotation of the control knob yielding 1° of angular displacement per revolution. Once the desired location is achieved, the entire mount can be easily locked into place.



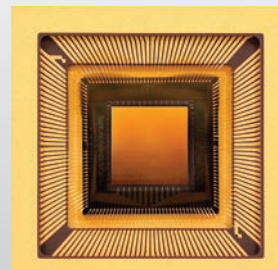
This minimal profile Gimbal mount is ideal for crowded optical setups. A post can be attached to the gimbal mount such that it is coincident with either axis of rotation. This provides maximum flexibility when incorporating the mount into an optical setup.

ITEM #	METRIC ITEM #	\$	£	€	RMB	DESCRIPTION
GMB1	GMB1/M	\$ 260.00	£ 187.20	€ 226.20	¥ 2,072.20	Full Gimbal Mount for Ø1" (Ø25.4 mm) Optics

Have you seen our...

Deformable Mirrors

- ◆ 32 (Mini-DM) or 140 (Multi-DM) Actuator Models Available
- ◆ 1020 (Kilo-DM) Actuator Model Available Through Boston Micromachines Corporation, Our Strategic Partner
- ◆ 3.5 μm Maximum Actuator Displacement
- ◆ Aluminum- or Gold-Coated Design
- ◆ Operating Wavelengths
 - 400 - 1100 nm (Al Coated)
 - 600 - 1100 nm (Au Coated)



Through our partnership with Boston Micromachines Corporation, a leading developer of advanced micro-electro-mechanical-based (MEMS-based) mirror products, Thorlabs is pleased to offer deformable mirrors with either 6 x 6 or 12 x 12 actuator arrays. These mirrors change shape to correct a highly distorted incident wavefront. MEMS-based deformable mirrors are currently the most widely used technology in wavefront shaping applications given their versatility, maturity of technology, and the high resolution wavefront correction that they provide.

For more details, see pages 1796 - 1797

