



EXG-Mount, Gimbal Mount for Beam Expanders

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The EXG-Mount is designed to support a variety of our Zoom Beam Expanders by offering three different diameter options to accommodate popular designs. The base design offers 4 axes of adjustability. The result is a unit which delivers flexible but precise and reliable integration of our Zoom Beam Expanders to most optical system designs.

With fine adjustments for X position, Y position as well as Pitch & Yaw angles, this unit combines the features of a gimbal with an X/Y translation stage in a single compact unit. Meticulous design, manufacturing and quality standards produce a highly reliable unit you can depend on for your laser system.



Features:

- Four Degrees of Motion
- 40-Pitch Adjustment Screws
- Low Profile, Rugged Construction
- Ideal for Beam Expanders & Fiber Collimators

Mounting Rings:

A precise diameter is offered for mounting a variety of beam expander diameters:

<u>Part Number</u>	<u>Beam Expander Bore</u>
EXZ-Mount-1	1.000", -0, +0.001"
EXZ-Mount-A	1.251", -0, +0.001"
EXZ-Mount-B	1.482", -0, +0.001"
EXZ-Mount-C	1.500", -0, +0.001"

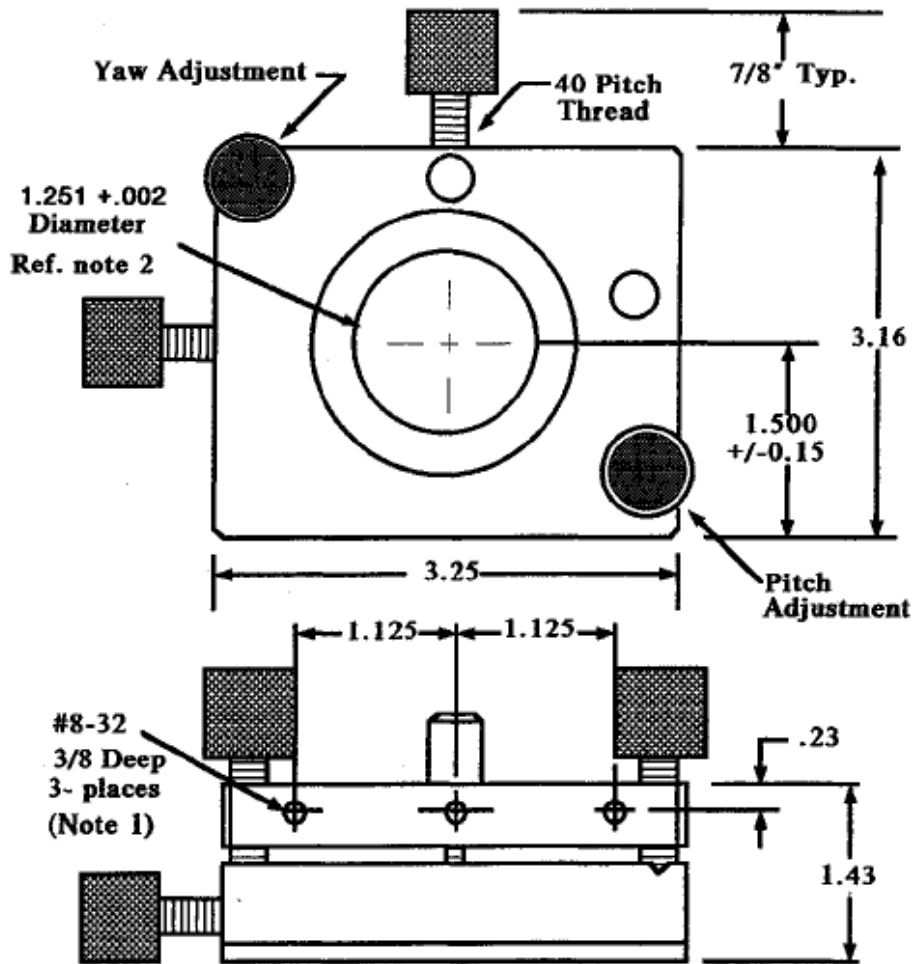
Beam expanders are locked in place by a nylon tipped set screw.

All dimensions in inches unless specified otherwise, specifications subject to change without notice.

BeamExpander.com LLC, Canton, MA, USA Tel: 781-255-1063



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Notes:

- 1 Center hole available for post mounting. Outboard holes can mount this unit to a laser carriage for mounting to an optical rail, consult the factory for additional detail.
- 2 Mounting Bore -A (1.251") shown, see front side for other dimension options.

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