

Mirror Mounts



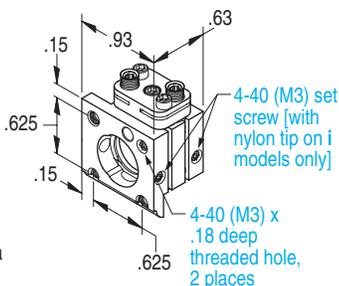
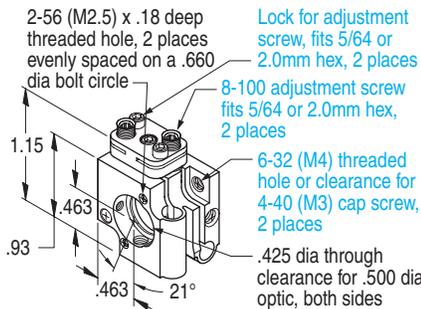
Flexure Mounts

Top Adjustable

0.5- to 1.0-inch optic / IXF.t Series

Note that dimensions in parentheses (mm) reflect metric assembly features

IXF.50ti and IXF.50ta



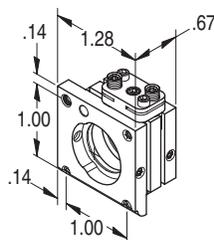
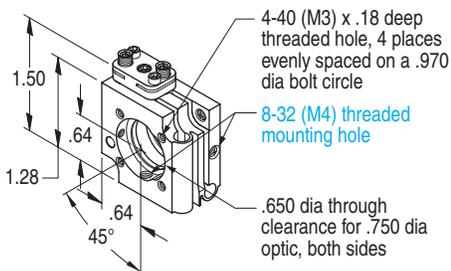
IXF.1.0ti

IXF.75ti

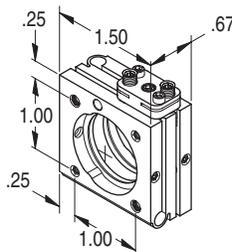
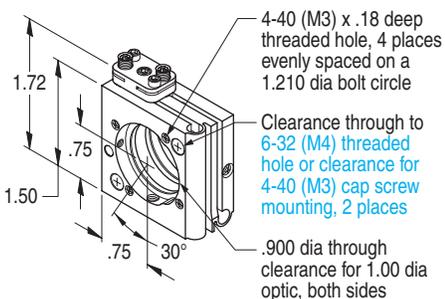
IXF.50ti

Common Dimensions shown in cyan-blue

IXF.75ti and IXF.75ta



IXF1.0ti and IXF1.0ta



Product Features

- Top adjustable design
- 100TPI lockable adjustment screws
- Nickel plated

Performance Specifications, also for *a* versions

Model	Pitch	Yaw	Minimum controllable motion
IXF.50ti	6°	6°	8.2 arc sec.
IXF.75ti	6°	6°	5.5 arc sec.
IXF1.0ti	5°	5°	4.5 arc sec.

Order Information

flexure mount, 0.5-inch optic, top adjust	IXF.50ti
flexure mount, 0.75-inch optic, top adjust	IXF.75ti
flexure mount, 1.0-inch optic, top adjust	IXF1.0ti
<i>Aluminum models</i>	
flexure mount, 0.5-inch optic, top adjust	IXF.50ta
flexure mount, 0.75-inch optic, top adjust	IXF.75ta
flexure mount, 1.0-inch optic, top adjust	IXF1.0ta

Metric Option — for metric assembly features on this product, add 'M' after model number.

Flexure Mounts, Top Adjustable

The IXF.t series monolithic flexure mounts are specifically designed for OEM applications. They have a wide variety of optic mounting options, including bulkhead mounting as either a front adjusted or through-the-bulkhead adjusted mount. We offer two styles of mounting brackets. Additionally, these versions have 8-32 (M4) mounting holes on two edges for post mounting, as well as set screw locks on the adjustment screws.

They use our 100TPI rolled thread adjustment screws for low stiction fine adjustments and are swaged at the end to prevent over-travel of the mount. The IXF.t series mounts are manufactured from one solid piece of spring steel, then nickel plated so they will not corrode and can be used in ultraviolet laser environments. These models are also available in aluminum version; for "flight" or vacuum applications. Aluminum models exhibit the same performance specifications as the steel models. Custom OEM versions available in steel and aluminum.