

**Pinhole Mounts**

- Standard to high precision drive versions
- A wide selection of mounted pinholes offered
- Suitable for post mounting

Pinholes are an important part of any laser system. They must be accurately positioned in both X and Y directions. The simple version uses a plain bearing and fine pitched push screws. It is suitable for most general purpose applications. The precision version utilizes an X-Y ball bearing stage with precision micrometer drives. The high precision version uses a differential micrometer to provide sensitivity of 0.0025mm.



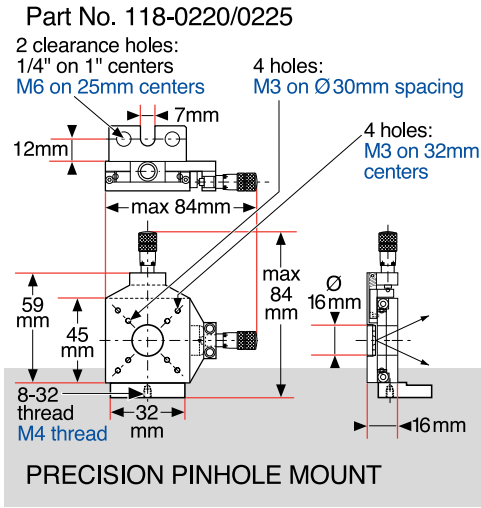
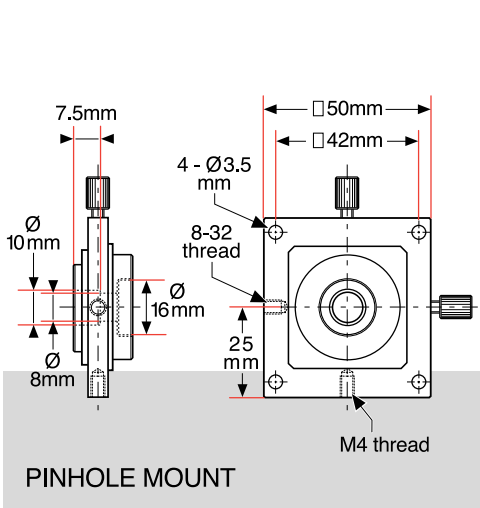
Both mounts will accept any pinhole which is mounted on a 16mm diameter disc (see page 239). The disc is held in place by a retainer ring. The edges of the pinhole mounts are threaded 8-32 or M4 for attachment to a standard mounting post or pedestal.

A selection of mounted pinholes suitable for use with these mounts is offered on page 239.

**Specifications & Tolerances**

Dimensions: ±0.2mm  
 Material: Aluminum, stainless steel & brass  
 Finish: Black anodized & chrome

Adjustment:	Standard range	±1mm
	Standard sensitivity	0.1mm
	Precision range	±2mm
	Precision sensitivity	0.01mm
	High Precision Sensitivity	0.0025mm



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Type	To Hold Mounted Pinhole Mount Diameter, D (mm)	Clear Aperture, A (mm)	Price	INCH	METRIC
				PART NUMBER	PART NUMBER
Standard	16	8		118-0210	118-0210
Precision	16	10		118-0220	118-0225
High Precision	16	10		118-0230	118-0235

ORDERING & TECHNICAL SUPPORT  
 (949) 851-5881  
 FAX (949) 851-5058  
 E-MAIL sales@optosigma.com  
 WEB www.optosigma.com

