

## Optomechanics

### Mounting Basics

### Optical Rails

### Mirror Mounts

### Lens Mounts

### Filter Mounts

### Rotation Mounts

### Adapters

### V-Mounts

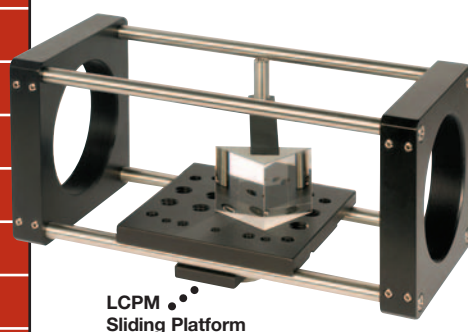
### Apertures & Iris Diaphragms

### Lens Tubes

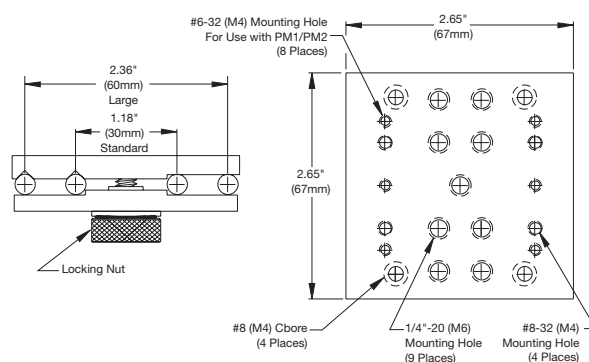
### Cage Systems

## Horizontal Platform: 30mm and 60mm Cage System

- Large Mounting Surface With Nine 1/4"-20 (M6) Mounting Holes
- Accepts Our Large and Small Clamping Arms (PM1 and PM2)
- One Model Fits Both 30mm and 60mm Cage Systems



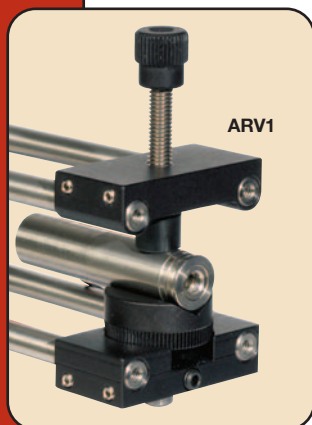
LCPM  
Sliding Platform



ITEM#	METRIC ITEM#	\$	£	€	RMB	DESCRIPTION
LCPM	LCPM/M	\$ 85.10	£ 53.60	€ 79.10	£ 812.70	Horizontal Cage Platform
PM1	PM1/M	\$ 9.50	£ 6.00	€ 8.80	£ 90.70	Small Clamping Arm
PM2	PM2/M	\$ 14.70	£ 9.30	€ 13.70	£ 140.40	Large Clamping Arm

## Rotatable Variable Height Cage Mount

- Bottom Surface Can Be Rotated and Elevated
- Mounts Cylindrical Objects Ranging from Ø0.15" (3.8mm) to 0.59" (15mm)
- Compatible With Our 30mm Cage Systems

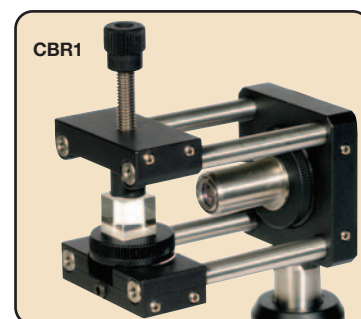


ARV1

The cage clamps provide flexible adjustments within our 30mm cage assemblies. Both the top and bottom of the mount assembly can be independently translated along the Cage Assembly Rods while the base pedestals offer additional flexibility with lockable height and rotation adjustment. A top-located thumbscrew, complete with a swiveling Delrin™ tip, provides the fastening force required to hold securely optical components in place.

ARV1 provides a V-shaped mounting surface for use with cylindrical components.

CBR1 has a flat mounting platform ideal for use with prisms and beamsplitter cubes.



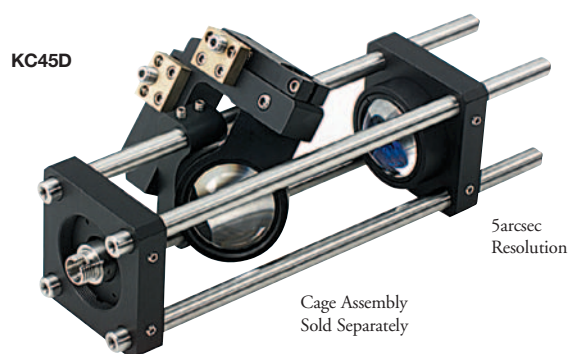
CBR1

ITEM#	\$	£	€	RMB	DESCRIPTION
ARV1	\$ 91.00	£ 57.30	€ 84.60	¥ 869.10	Rotatable Cage Mount V-Groove
CBR1	\$ 84.00	£ 52.90	€ 78.10	¥ 802.20	Rotatable Cage Mount Platform

## Turret Mount Ø1" Optics

- Full 360° Rotation of Optic Holder
- ±30° Rotation on the Optic Holder Saddle
- Compatible With Our 30mm Cage System
- Mounts Ø1" Optics up to 6mm Thick

The KC45D turret mount is designed to allow a Ø1" optic to be rotated about a point in the center of a 30mm cage assembly with true gimbal motion. The optic holder is free to rotate through 360°. Once its coarse angular orientation is set, the fine adjustment mechanism can be used for precise alignment. The second angular degree of freedom is achieved by rotation of an intermediate saddle. This saddle connects the optic holder to the cage assembly and is free to rotate ±30°. The optic is secured against the back lip of the SM1 (1.035"-40) center tapped region with the included SM1RR Retaining Ring.



KC45D

5arcsec  
Resolution

Cage Assembly  
Sold Separately

ITEM#	\$	£	€	RMB	DESCRIPTION
KC45D	\$ 172.00	£ 108.40	€ 160.00	¥ 1,642.60	Cage Assembly Turret Mount for Ø1" Optics
SM1RR	\$ 5.30	£ 3.30	€ 4.90	¥ 50.60	Retaining Ring