

## Optomechanics

### Mounting Basics

### Optical Rails

### Mirror Mounts

### Lens Mounts

### Filter Mounts

### Rotation Mounts

### Adapters

### V-Mounts

### Apertures & Iris Diaphragms

### Lens Tubes

### Cage Systems

## Fixed Mirror Mounts



These fixed mirror holders provide an economical means of securing a mirror in applications where kinematic adjustment is not required. They are ideal in applications where direction of the beam is controlled by other components.

- Economical Mirror Mounting Solution
- Offered in Both Imperial and Metric Versions
- Versions for Ø1/2" (12.7mm), Ø1" (Ø25mm), and Ø2" (Ø50mm)
- #8-32 (M4) Mounting Holes

**See Page 153  
for Lens Mounts**



| ITEM# | METRIC ITEM# | \$       | £       | €       | RMB      | DESCRIPTION               |
|-------|--------------|----------|---------|---------|----------|---------------------------|
| FMP05 | FMP05/M      | \$ 12.60 | £ 7.90  | € 11,70 | ¥ 120.30 | Ø1/2" Fixed Optical Mount |
| FMP1  | FMP1/M       | \$ 14.70 | £ 9.30  | € 13,70 | ¥ 140.40 | Ø1" Fixed Optical Mount   |
| FMP2  | FMP2/M       | \$ 19.30 | £ 12.20 | € 17,90 | ¥ 184.30 | Ø2" Fixed Optical Mount   |

## D-Shaped Mirror Mount



**DMM05**  
Post, Post Holder,  
and Mirror Not  
Included

### Features

- Separate Closely Spaced Beams
- Easily Mount Our Exclusive D-Shaped Mirrors
- Mount Horizontally or Vertically
- Mount Round BB1 and BB05 Series Mirrors
- Available in Imperial and Metric Versions

### Specifications

- Ø1" and Ø1/2" Mounts
- #8-32 (M4) Tapped



**DMM05/M**



**D-Shaped  
Mirrors  
See Page 775**

| ITEM# | METRIC ITEM# | \$       | £       | €       | RMB      | DESCRIPTION          |
|-------|--------------|----------|---------|---------|----------|----------------------|
| DMM05 | DMM05/M      | \$ 53.00 | £ 33.40 | € 49,30 | ¥ 506.20 | Ø1/2" D-Mirror Mount |
| DMM1  | DMM1/M       | \$ 55.00 | £ 34.70 | € 51,20 | ¥ 525.30 | Ø1" D-Mirror Mount   |

## Indexing Mount



**NX1**



**NX1T  
Extra Top**



**NX1F**



**NX1B  
Base Only**



**NX1FT  
Top Only**

The NX1 series of indexing mounts are ideal for precise redirection of a shared laser system to multiple targets on an optical table. The top plate of the NX1 has an SM1 (1.035"-40) threaded Ø1" optic mount, whereas, the NX1F features an #8-32 (M4) tapped hole in the platform for optical mounts. The kinematic ballseat design utilizes a magnetic base plate

with 15 discrete labeled positions, repeatable to within 10µrad, and provides three #8-32 (M4-0.7) mounting holes.

The NX1 and NX1F consist of a magnetic top and bottom plate pair. Extra top plates (NX1T and NX1FT) and base plates (NX1B) are also available separately for easy exchange of components in an optical system.

- Rotates in 15 Discrete Steps to Allow Precise Redirection of Shared Laser
- Kinematic Ball Seat Design with Repeatability Better Than 10µrad
- Extra Top and Bottom Plates Available for Easy Exchange of System Components



**NX1T**

**NX1B**

| ITEM # | METRIC ITEM# | \$       | £       | €       | RMB      | DESCRIPTION                         |
|--------|--------------|----------|---------|---------|----------|-------------------------------------|
| NX1    | NX1/M        | \$ 89.00 | £ 56.10 | € 82,80 | ¥ 850.00 | 15-Position Indexing Optic Mount    |
| NX1T   | NX1T         | \$ 47.00 | £ 29.60 | € 43,70 | ¥ 448.90 | Extra Top Plate                     |
| NX1F   | NX1F/M       | \$ 79.00 | £ 49.80 | € 73,50 | ¥ 754.50 | 15-Position Indexing Optic Platform |
| NX1FT  | NX1FT/M      | \$ 37.00 | £ 23.30 | € 34,40 | ¥ 353.40 | Extra Platform Top Plate            |
| NX1B   | NX1B/M       | \$ 42.00 | £ 26.50 | € 39,10 | ¥ 401.10 | Extra Bottom Plate                  |