### **Optomechanics**

**Mounting Basics** 

**Optical Rails** 

**Mirror Mounts** 

**Lens Mounts** 

**Filter Mounts** 

**Rotation Mounts** 

**Adapters** 

**V-Mounts** 

**Apertures** & Iris Diaphragms

**Lens Tubes** 

**Cage Systems** 

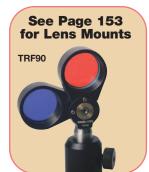
**Fixed Mirror Mounts** 



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  $\emptyset 1/2$ " (12.7mm), Ø1" (Ø25mm), and Ø2" (Ø50mm)
- #8-32 (M4) Mounting Holes

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





Number of the Control										
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**





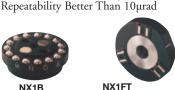
NX1T Extra Top











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.

■ Rotates in 15 Discrete Steps to

Allow Precise Redirection of Shared

Kinematic Ball Seat Design with

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.



■ Extra Top and Bottom Plates

Available for Easy Exchange of System Components

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