

# 45° Mirror Holder and Adapter

The MA45-2, which is designed to allow our KM100 and KM200 mirror mounts to be mounted at 45° with respect to an optical bench, is useful when there is a need to change the optical beam height. The beam height of the KM100 Kinematic Mount and MA45-2 combination is 2.0" (50.8 mm) for the MA45-2 and 50.0 mm (1.97") for the MA45-50/M. Alternatively, the optical axis height is 2.5" (62.7 mm) when a KM200 is attached to an MA45-2 (MA45-50).

The H45B2 accommodates Ø1" (Ø25.4 mm) optics, such as mirrors or beamsplitters. Optics are held in place with a nylon-tipped setscrew. For beamsplitter applications, a through hole, centered on the optic mount, is provided. The beam height for the H45B2 is 2.00" (50.8 mm).



H45B2

Price Includes Complete Assembly as Shown in Photo



MA45-2



MA45-2 Shown with UPHA and KM100 (Sold Separately on Pages 91 and 251, Respectively)

Please refer to our website for complete models and drawings.

ITEM #	METRIC ITEM #	\$	£	€	RMB	DESCRIPTION
H45B2	H45B2*	\$ 43.00	£ 30.96	€ 37,41	¥ 342.71	45° Mirror Holder, Ø1" (Ø25.4 mm) Optic
MA45-2	MA45-50/M	\$ 24.00	£ 17.28	€ 20,88	¥ 191.28	45° Mounting Adapter

\*Imperial and Metric Compatible

# Indexing Ø1" Mount

- Rotates in 15 Discrete Steps to Allow Precise Redirection of Shared Laser
- Kinematic Ball Seat Design with Repeatability Better than 10 µrad



NX1



NX1

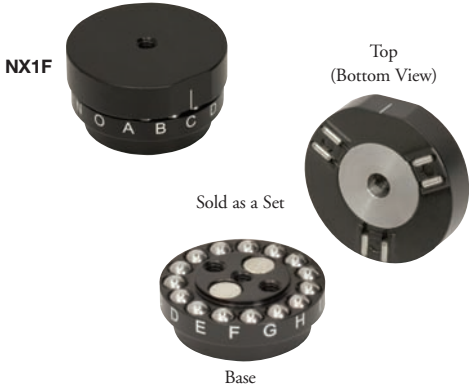
The NX1 indexing mount is ideal for precise steering of a shared laser beam to multiple setups on an optical table or breadboard. It is an SM1 (1.035"-40) threaded, 15-position indexing kinematic mount for Ø1" optics up to 7.0 mm thick. Each indexed position is labeled, and the top mounting platform offers repositioning of the optic holder to within 10 µrad. Three 8-32 (M4) tapped mounting holes in the bottom plate can be used to secure the mount to a Ø1/2" post.

ITEM #	METRIC ITEM #	\$	£	€	RMB	DESCRIPTION
NX1	NX1/M	\$ 91.00	£ 65.52	€ 79,17	¥ 725.27	15-Position Indexing Mount for Ø1" Optics

# Indexing Kinematic Base

- Rotates in 15 Discrete Steps
- Kinematic Ball Seat Design with Repeatability Better than 10 µrad

The NX1F is a 15-position indexing kinematic mount with an 8-32 (M4) tapped mounting hole on the top plate. Each of the mount's 15 positions is labeled to aid in repeating a previous alignment. It is ideal for mounting a range of components, including lens and mirror mounts. The NX1F offers repositioning of the top plate to within 10 µrad. Three 8-32 (M4) tapped mounting holes in the bottom plate can be used to secure the mount to a Ø1/2" post. Note that the NX1F shares the same bottom plate as the NX1 (above).



NX1F

Top (Bottom View)

Sold as a Set

Base

ITEM #	METRIC ITEM #	\$	£	€	RMB	DESCRIPTION
NX1F	NX1F/M	\$ 82.00	£ 59.04	€ 71,34	¥ 653.54	15-Position Indexing Base, 8-32 (M4) Mounting Hole