

## Indexing Ø1" Mount

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



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  $\mu$ rad. Three 8-32 (M4) tapped mounting holes in the bottom plate can be used to secure the mount to a Ø1/2" post.



NX1



NX1

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  $\mu$ rad

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  $\mu$ rad. 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



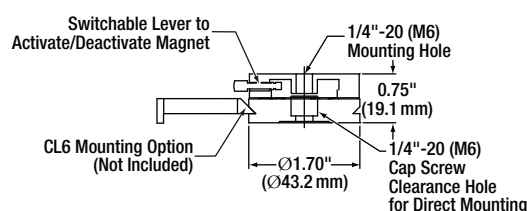
Base

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

## Switchable Kinematic Base



**SB1**  
Switchable Kinematic Base  
Ø1.70" (Ø43.2 mm)



Please refer to our website for complete models and drawings.



This compact kinematic base is designed to allow easy removal and exact repositioning of the top plate. An on/off switch activates/deactivates the magnetic force that firmly holds the two plates together. A ball and V-groove design allows the top plate to be removed and then repositioned to within 1  $\mu$ rad. The bottom plate has a centered 1/4" (M6) through hole counterbored for a cap screw that allows the base to be mounted to an optical table. In

addition, the base has a groove that allows CL6 clamps (see opposite page) to be used to fix the base in an arbitrary position on an optical table. The SB1T/(M) top plate has a central 1/4"-20 (M6) tapped hole, while the SB1T8 (SB1T4/M) top plate has an 8-32 (M4) tapped central hole for mounting optomechanical components. The top and bottom plates can be purchased separately.

ITEM #	METRIC ITEM #	\$	£	€	RMB	DESCRIPTION
SB1	SB1/M	\$ 91.00	£ 65.52	€ 79,17	¥ 725.27	1/4"-20 (M6) Tapped, Complete Kinematic Base, Top and Bottom Plates
SB1T	SB1T/M	\$ 59.00	£ 42.48	€ 51,33	¥ 470.23	1/4"-20 (M6) Tapped, Top Plate Only of the SB1/(M) Kinematic Base
SB1T8	SB1T4/M	\$ 58.90	£ 42.41	€ 51,24	¥ 469.43	8-32 (M4) Tapped, Top Plate Only for the SB1B Kinematic Base
SB1B*	SB1B*	\$ 42.00	£ 30.24	€ 36,54	¥ 334.74	Bottom Plate Only of the SB1/(M) Kinematic Base
CL6*	CL6*	\$ 5.60	£ 4.03	€ 4,87	¥ 44.63	Low-Profile Table Clamp

\*Imperial and Metric Compatible