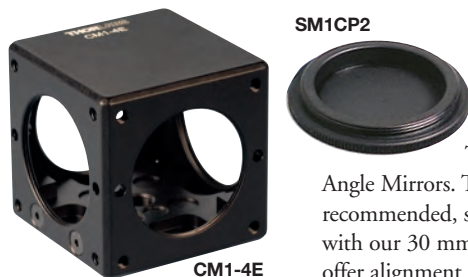
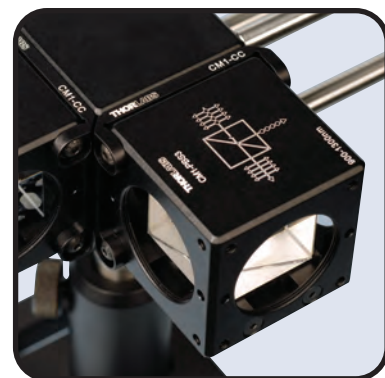


Empty Cage Cube Mount and Connector

- 30 mm Cage System Compatible
- Accepts 1.00" Cubes and 25.4 mm Right-Angle Prisms
- Four SM1 (Ø1.035"-40) Threaded Ports
- Post-Mountable Cube via #8-32 (M4 x 0.7) Threaded Stud
- Prism Alignment Accuracy of ±20 arcmin



CM1-CC
Cube Connector



SM1CP2

CM1-4E

The CM1-4E Cage Cube accepts 1" (25.4 mm) cube optics as well as 25 mm Right-Angle Mirrors. The optic of choice can be mounted to the base of the cube by using epoxy (LOC312 recommended, see page 382). Our SM1 Lens Tube System can be used with this mirror mount along with our 30 mm Cage System. Alignment guides within the cavity set the position of the prism to offer alignment accuracy of approximately ±20 arcmin.

The CM1-CC cube connector allows two or more CM1-style cubes to be connected as shown in the application image at the top of the page. Please note that the CM1-CC is only compatible with cage cubes that have drilled holes next to the SM1 (Ø1.035"-40) threaded ports. The current CM1 series of products [CM1-4E empty cage cubes, mounted beamsplitters (page 726), polarizing beamsplitters (page 724), and mounted turning mirrors (page 687)] are all compatible.

ITEM#	\$	£	€	RMB	DESCRIPTION
CM1-4E	\$ 95.00	£ 65.90	€ 84.40	¥ 802.20	4 Port Prism/Mirror Cage Cube Mount, SM1-Threaded Ports
CM1-CC	\$ 45.00	£ 31.20	€ 40.00	¥ 380.00	30 mm Cage Cube Connector for CM1 Series Cubes
SM1CP2	\$ 16.00	£ 11.10	€ 14.30	¥ 135.20	SM1 Series End Cap for Machining

Turning Mirror Cubes

Specifications

- **Reflected Beam:** 90° ±20 arcmin of Incident Beam Direction
- **Lens Tube Mounting:** SM1 Series Thread (Ø1.035"-40)
- **Cage System Mounting:** #4-40 Tapped Holes on 30 mm Centers



SM1CP2

CM1-P01

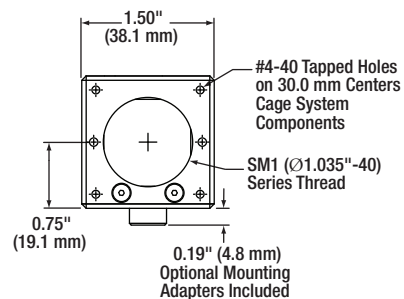


CM1-M01



- Compatible with 30 mm Cage Systems and SM1 Lens Tubes
- Saves Time in Optical Setups
- Ideally Suited for Quick Prototyping
- Keeps Optics Clean by Eliminating the Need to Handle the Glass

Like with our beamsplitter cubes, we have packaged our turning mirrors in cage cubes to reduce the time needed to set up for prototyping, experimentation, and production (See page 686). Each optic is prealigned and mounted in a 1.50" (38.1 mm) square cube for easy integration into systems using Thorlabs' SM1 (Ø1.035"-40) Series of Lens Tubes and 30 mm Cage Systems. Mirrors are aligned such that the incident light is reflected to within ±20 arcmin of 90°.



Please refer to our website for complete models and drawings.

ITEM#	\$	£	€	RMB	DESCRIPTION
CM1-G01	\$ 146.00	£ 101.30	€ 129.70	¥ 1,232.90	Cube-Mounted Protected Aluminum Turning Mirror
CM1-P01	\$ 144.00	£ 99.90	€ 127.90	¥ 1,216.00	Cube-Mounted Protected Silver Turning Mirror
CM1-M01	\$ 146.00	£ 101.30	€ 129.70	¥ 1,232.90	Cube-Mounted Protected Gold Turning Mirror
CM1-E02	\$ 165.00	£ 114.40	€ 146.50	¥ 1,393.30	Cube-Mounted Broadband Dielectric Turning Mirror, 400-750 nm
CM1-E03	\$ 165.00	£ 114.40	€ 146.50	¥ 1,393.30	Cube-Mounted Broadband Dielectric Turning Mirror, 750-1100 nm
CM1-F01	\$ 146.00	£ 101.30	€ 129.70	¥ 1,232.90	Cube-Mounted Protected UV Enhanced Aluminum Turning Mirror
SM1CP2	\$ 16.00	£ 11.10	€ 14.30	¥ 135.20	SM1 Series End Cap for Machining