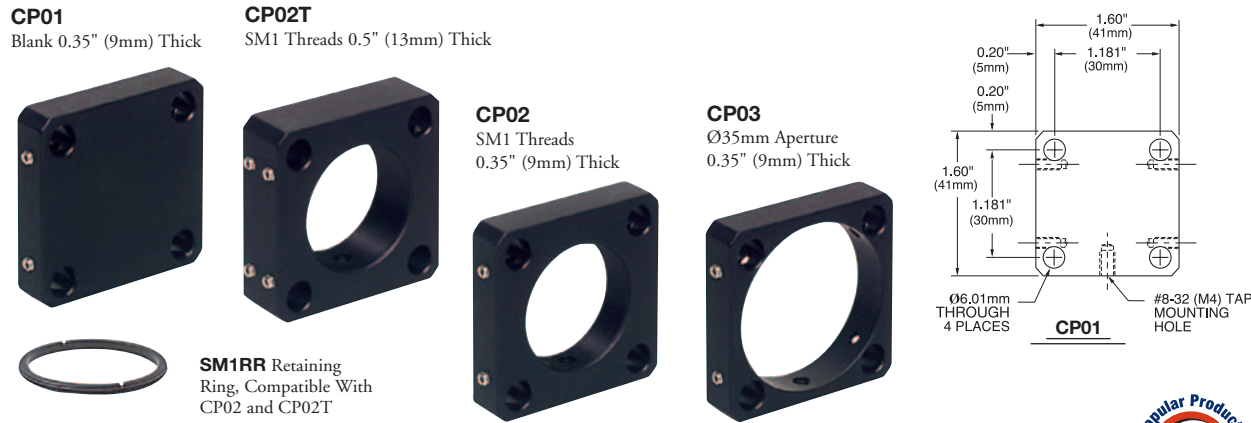


30mm Cage Plates

Cage Assembly Plates and Cage Assembly Rods are the primary mounting components used to construct our cage systems. Each cage plate contains four through-holes spaced at 30mm centers. These holes are machined for a precision slip fit with mating Ø6mm cage rods and provide side-locking screws that fasten the plate to their mating cage rods for positioning. For additional convenience, an #8-32 (M4) tapped hole is provided for post mounting, which increases cage system stability.



The CP01 Blank Cage Plate is ideal when standard threads and hole sizes are insufficient for custom mounting and OEM-level requirements. The cage plate profile is maintained using the four cage assembly rods and locking screws, which help leave an ample amount of space for custom machining and non-standard components.

The CP02 and CP02T cage plates are our most popular Ø1" SM1 series mounting plates, providing an easy means for mounting Ø1" optical or SM1 compatible components into a cage system. The centrally located SM1 (1.035"-40) threads offer great versatility when integrating our vast selection of Ø1" lens tubes, components,

and adapters. Additionally, the CP02T allows two cage assemblies to be joined end-to-end. The extra thickness and double locking screws allow two cage assemblies to be inserted and firmly locked into place, allowing for the rigid connection of two cage system subassemblies.

The CP03 has been designed with the largest clear aperture (Ø35mm) possible within a 30mm Cage System Assembly. This plate is ideally suited to support long cage assemblies, providing a greater degree of structural rigidity without interfering with the optical path. The Ø35mm hole is large enough to allow an SM1 Series Lens Tube to pass through completely unobstructed.



ITEM#	METRIC ITEM#	\$	£	€	RMB	DESCRIPTION
CP01	CP01/M	\$ 15.30	£ 9.60	€ 14.20	¥ 146.10	Blank Cage Plate
CP02†	CP02/M	\$ 15.63	£ 9.80	€ 14.50	¥ 149.20	Threaded Cage Plate
CP02T†	CP02T/M	\$ 19.95	£ 12.60	€ 18.60	¥ 190.50	Thick Threaded Cage Plate
CP03	CP03/M	\$ 17.60	£ 11.10	€ 16.40	¥ 168.10	Ø35mm Cage Plate
SM1RR	SM1RR	\$ 5.30	£ 3.30	€ 4.90	¥ 50.60	SM1 Retaining Ring

† Popular Products @ More Popular Prices

Round Cage Plates

- CP07: Ø2" Smooth External, 1.035"-40 (SM1) Internal Thread
- CP07T: 2.035"-40 (SM2) External Thread, 1.035"-40 (SM1) Internal Thread
- Provides 30mm Hole Spacing for Use With 30mm Cages

These plates allow a 30mm Cage Assembly to be fastened into utility mounts such as our Ø2" Kinematic Mirror Mounts. This allows for fine adjustment of an entire optical assembly.

The CP07 provides a smooth Ø2" outer diameter, perfect for insertion into any mount designed for Ø2" optics. The CP07T offers an SM2 (2.035"-40) threaded outer diameter for compatibility with Ø2" Lens Tubes and 60mm Cage Plates.

Both models offer an internal hole pattern for our popular 30mm Cage Plates. Four Ø6mm holes at 30mm center-to-center spacing are provided to allow compatibility with existing 30mm cage structures.

A centrally located SM1 (1.035"-40) tapped hole is provided for incorporating optics and lens tubes. Each Ø6mm hole is accompanied by a side-located cage rod locking screw that resides below the outer diameter surface.



ITEM#	\$	£	€	RMB	DESCRIPTION
CP07	\$ 24.00	£ 15.10	€ 22.30	¥ 229.20	Ø2" Outer Diameter, Ø1.0" Lens Mount
CP07T	\$ 27.00	£ 17.00	€ 25.10	¥ 257.90	Ø2" Outer Diameter Threaded, Ø1.0" Lens Mount