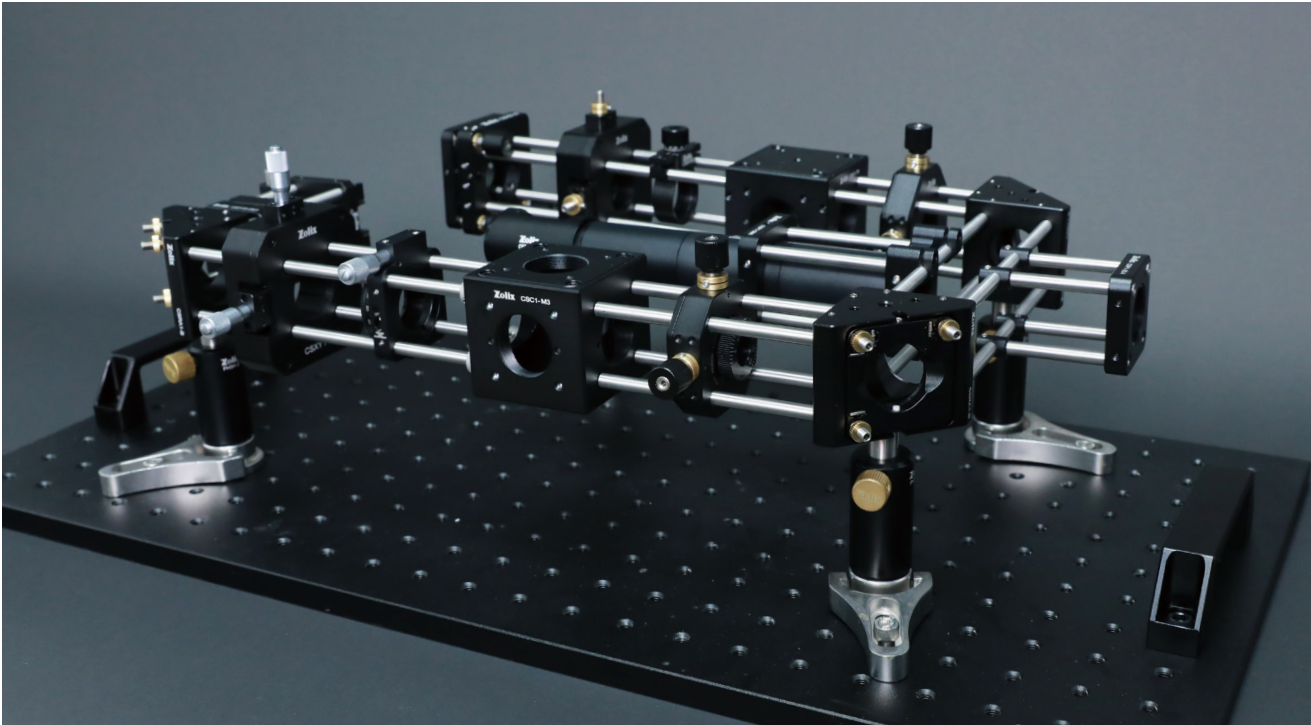


Optical Cage System



Zolix 30mm optical cage systems include cage plates, cage cubes, cage mirror mounts, cage system rods and other accessories.

30mm Cage Plates

Zolix offers a wide range of cage plates ideally suit for assembling Ø25.4mm optics or lens tubes. The cage plates are 9 mm thick, available in SM1 thread or RMS thread or Ø30.5mm through-hole in the center. All cage plates equipped with 4 cage-rod mounting holes to match 30mm cage system and it's able to slide freely along the cage rods. At the same time, an M3 setscrew is set on the outside of the through-hole, which can be tightened by a 1.5mm hex key.

- Material: 6061 Aluminum Alloy;
- Suitable for Assembling Ø25.4mm Optics;
- Compatible with 30mm Cage Systems.

Specifications

Material	6061 Aluminum Alloy
Surface Treatment	Black Anodic-Oxidation
Optic Diameter	Ø25.4 mm
Post Mounting	M4

Standard Cage Plates

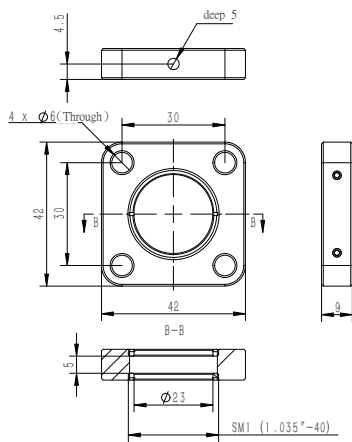
(1)9mm Thick, Suitable for Ø25.4mm Optics



- Material: 6061 aluminum alloy;
- Comes with two SM1R retaining rings;
- 9mm thick;
- Maximum optics thickness is 5mm.

The CSP1-25.4 cage plate is designed for mounting Ø25.4 mm optical components, 9mm thick, with a SM1 threaded through hole and two SM1R retaining rings. There are M4 threaded holes in the bottom for connecting cage-rods. 4 through-holes for coaxial rods are compatible with 30 mm cage system. At the same time, 1 setscrew on each side that can be tightened with a 1.5 mm hex key.

Model	Plate Thickness	Acceptable Optic Thickness
CSP1-25.4	9mm	5mm



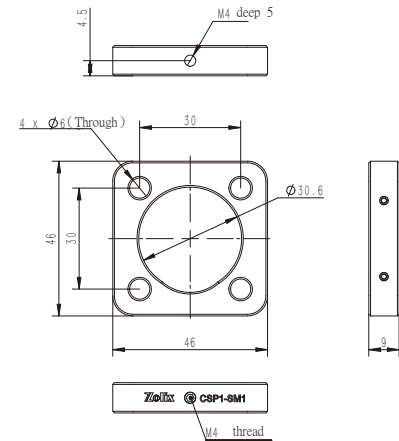
(2) 9mm Thick, Suitable for SM1 Lens Tubes



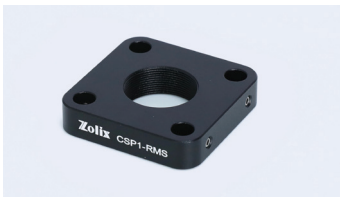
- Material: 6061 aluminum alloy;
- 9mm thick
- Suitable for SM1 lens tubes

The CSP1-SM1 cage plate is 9 mm thick, and the central through hole is suitable for mounting the SM1 lens tube. The M4 threaded holes located at the bottom are used to connect the cage rods. Four coaxial through-holes are compatible with 30mm cage system. At the same time, 1 setscrew on each side that can be tightened with a 1.5 mm hex key.

Model	Plate Thickness	Centered Hole Diameter
CSP1-SM1	9mm	30.6mm



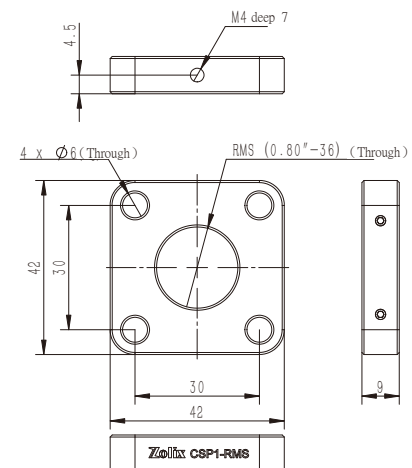
(3) 9mm Thick, RMS Internal Thread



- Material: 6061 aluminum alloy;
- RMS internal thread hole (0.800"-36)
- 9mm thick
- Suitable for RMS components and 30mm cage system

This cage plate is 9 mm thick with a centered RMS internal threaded through-hole, which is suitable for RMS thread optics such as microscopy lenses. There is a M4 thread hole at the bottom used for connecting cage rods, and four coaxial through-holes are compatible with a 30mm cage system. At the same time, 1 setscrew on each side that can be tightened with a 1.5 mm hex key.

Model	Plate Thickness	Inner Bore
CSP1-RMS	9mm	RMS(0.800"-36)

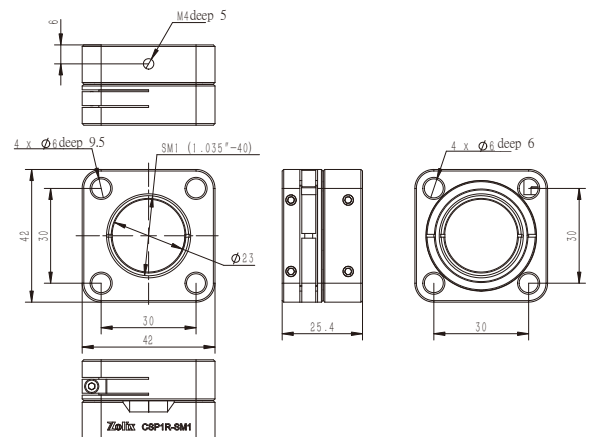


(4) 30 mm Rotating Cage Segment Plate



- Suitable for assembling Ø25.4mm optical elements;
- Compatible with 30mm cage system
- Rotates an entire 30 mm cage system with 2° graduation.

Zolix 30mm rotating cage segment plate allows an entire 30mm cage subsystem to rotate 360° around the central axis. This item consists of two parts: one attaches to a 30mm cage system, while another is enable the coaxial component to rotate which is attached. The plate surface has an engraved scale with 2° graduations that is used for manual positioning. The rotary plate can be secured by a flexible locking mechanism



Specification

Model	Optic Diameter	Acceptable Optic Thickness
CSP1R-SM1	Ø25.4mm	21mm

Suitable Optic Diameter	Ø25.4mm
Acceptable Optic Thickness	21mm
Rotating Angle	360°
Scale Resolution	2°