

Swivel and Right-Angle Post Clamps

RA90 Right-Angle Clamp

The RA90 clamp provides coarse XY adjustment, which facilitates the alignment of two Ø1/2" TR posts oriented at 90° with respect to one another. Use this right-angle clamp to insert an optical mount into a setup if table mounting space is not available directly below the optic.

SWC Swivel Post Clamp

The SWC allows two Ø1/2" TR Posts to be set at any angular orientation within a plane and provides 360° continuous adjustment. Locking screws secure the swivel mechanism once the desired angle is achieved.

RA180 Right-Angle Clamp

The RA180 Right-Angle Clamp can be used to terminate a standard TR Post with a 90° double-bored clamp designed to hold a second TR post. Unlike the RA90, this clamp does not cause any positional offset.



ITEM#	METRIC ITEM#	\$	£	€	RMB	SIZE
RA90	RA90/M	\$ 9.93	£ 6.90	€ 8.90	¥ 83.90	5/8" (16 mm) x 2.25" (56 mm)
RA180	RA180/M	\$ 10.00	£ 6.95	€ 8.90	¥ 84.50	Ø1/2" Post End Clamp 1/4"-20 (M6 x 1.0)
SWC	SWC/M	\$ 21.90	£ 15.20	€ 19.50	¥ 185.00	1.2" (31 mm) x 1.3" (34 mm) x 5/8" (16 mm)

Kinematic Mount Offset Plate

The KMCP provides a solution for a common issue found when mounting most mirror mounts. With an adjustment range of 0.33" (8.4 mm), the KMCP provides a means for aligning a mounted mirror's surface directly over the central axis of the mounting post. This is achieved by embedding an #8-32 (M4 x 0.7) nut inside a slotted counterbore. Once the desired position has been achieved, a twist of the mounting screw locks the mirror mount into place resulting in true alignment between the mirror surface and mounting post. The KMCP also acts as an extension to insert a mirror mount into a beam path when space limitation prevents room for a post holder.

- Provides #8-32 (M4 x 0.7) Nut
- Provides #8 (M4) Slotted Counterbore
- 0.45" (11.4 mm) Total Range



ITEM#	METRIC ITEM#	\$	£	€	RMB	DESCRIPTION
KMCP	KMCP/M	\$ 18.20	£ 12.70	€ 16.20	¥ 153.70	Kinematic Mount Offset Plate

Flip Mount

FM90



1/4" (M6)
Counterbore
Mounting
Hole



Mirror Mount
Not Included

- Highly Repeatable Flip Function
- Kinematic Design Ensures Repeatability
- Compact Design Allows for Post Mounting
- Precise Indexing of Mirrors In and Out of Beam Path Allows Beam to be Diverted for Diagnostics

The FM90 is ideal for applications that require laser beams to be redirected for either diagnostic or beam sharing purposes. The hinged design allows an optical mount to be repositioned outside the beam path, and when required, a simple flip of the mount relocates it back into its original position.

**Flips 90°
to Clear
Beam Path**



ITEM#	METRIC ITEM#	\$	£	€	RMB	DESCRIPTION
FM90	FM90/M	\$ 75.30	£ 52.20	€ 66.90	¥ 635.90	Flip Mount