

Optomechanics

Mounting Basics

Optical Rails

Mirror Mounts

Lens Mounts

Filter Mounts

Rotation Mounts

Adapters

V-Mounts

Apertures & Iris Diaphragms

Lens Tubes

Cage Systems

Optic Mounting Adapters for Ø1" Mounts

Thorlabs offers these versatile mounts to adapt easily between various optic diameter standards. These adapters allow the user to utilize existing mounts by converting larger or smaller diameter optics into our standard housings. A nylon-tipped setscrew securely holds the optic against two contact lines that are machined into the inside diameter.

The **AD1** has an 1" outer diameter allowing Ø1/2" optics to be housed in Ø1" mounts.

The **AD15MM** has an 1" outer diameter allowing Ø15mm optics to be housed in Ø1" mounts.

The **AD1-1.5** has an internal 1.5" mounting diameter with an external 1" mounting diameter for utilizing smaller Ø1" mounts.

The **AD1-2** has an internal 2" mounting diameter with an external 1" mounting diameter for utilizing smaller Ø1" mounts.

AD1-2
Ø2" Optic Adapter
in a Ø1" Housing

AD15MM
Ø15mm Optic
Adapter in a Ø1"
Housing

AD1
Ø1/2" Optic Adapter
in a Ø1" Housing

AD2
Optic, Post, and Post
Holder Not Included

AD1-1.5
Ø1.5" Optic Adapter
in a Ø1" Housing

**NYLON-TIPPED
LOCKING SCREW**

ITEM #	\$	£	€	RMB	DESCRIPTION
AD1	\$ 14.40	£ 9.05	€ 13,40	¥ 137.50	Ø1/2" Optic in Ø1" Mount
AD15MM	\$ 15.50	£ 9.75	€ 14,40	¥ 148.00	Ø15mm Optic in Ø1" Mount
AD1-1.5	\$ 19.60	£ 12.35	€ 18,20	¥ 187.20	Ø1.5" Optic in Ø1" Mount
AD1-2	\$ 27.80	£ 17.50	€ 25,90	¥ 265.50	Ø2" Optic in Ø1" Mount

Optic Mounting Adapters for Ø2" Mounts

The **AD2** has an external 2" diameter allowing Ø1" optics to be housed in larger Ø2" mounts.

The **AD2-1.5** has an external 2" diameter allowing Ø1.5" optics to be housed in larger Ø2" mounts.

The **AD2-CA** has an external 2" diameter with dual 1" inside diameters (only one of which is used for mounting the optic).

AD2
Ø1" Optic Adapter
in a Ø2" Housing

AD2-CA
Ø1" Optic Adapter in a
Ø2" Clear Aperture Housing

AD2-1.5
Ø1.5" Optic
Adapter in a
Ø2" Housing

**NYLON-TIPPED
LOCKING SCREW**

ITEM #	\$	£	€	RMB	DESCRIPTION
AD2	\$ 22.70	£ 14.30	€ 21,10	¥ 216.80	Ø1" Optic in Ø2" Mount
AD2-1.5	\$ 20.00	£ 12.60	€ 18,60	¥ 191.00	Ø1.5" Optic in Ø2" Mount
AD2-CA	\$ 23.70	£ 14.95	€ 22,00	¥ 226.30	Ø1" Optic in Ø2" Mount

Threaded Optic Mounting Adapters



AD2T
Mounts Ø1" Optics
up to 0.37" (9.3mm)
Thick

AD1T
Mounts Ø1/2" Optics
up to 0.14"
(3.5mm) Thick



AD1T

- Internal SM05 Threads Are Compatible with Our Ø1/2" Stackable Lens Tubes and Accessories (See Page 208)
- The AD1T is Ideal for Stress-Free Mounting of Thin Ø1/2" Optics in Large Ø1" Mounts
- Especially Useful When Mounting Ø1/2" Wave Plates in Ø1" Mounts

AD2T

- Internal SM1 Threads are Compatible with Our Ø1" Stackable Lens Tubes and Accessories (See Page 208)
- The AD2T is Ideal for Stress-Free Mounting of Thin Ø1" Optics in Large Ø2" Mounts
- Especially Useful When Mounting Ø1" Wave Plates in Ø2" Mounts

ITEM #	\$	£	€	RMB	DESCRIPTION
AD1T*	\$ 17.50	£ 11.05	€ 16,30	¥ 167.10	Thin Ø1/2" Optic in Ø1" Mount, SM05 Threaded
AD2T**	\$ 16.50	£ 10.40	€ 15,30	¥ 157.60	Thin Ø1" Optic in Ø2" Mount, SM1 Threaded

*One SM05RR retaining ring included **One SM1RR retaining ring included

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