

LH160C - December 23, 2024

Item # LH160C was discontinued on December 23, 2024. For informational purposes, this is a copy of the website content at that time and is valid only for the stated product.

ADJUSTABLE LENS MOUNTS

- ▶ Non-Marring Delrin® Mounting Fingers
- ▶ 60 mm Cage and SM2-Compatible Version Available
- ▶ Versions Offered for Optics from Ø0.28" to Ø2.28"



Engraved Lines
at 1 mm Spacings



LH160C
60 mm Cage-Compatible Adjustable
Lens Mount for Ø0.50" to Ø2.00" Optics



LH1
Adjustable Lens Mount
for Ø0.28" to Ø1.80" Optics



LH2
Adjustable Lens Mount for
Ø0.77" to Ø2.28" Optics
(Post and Optic Not Included)

OVERVIEW

Features

- Variable-Diameter Optic Mounts
 - LH1(/M) Mounts Optics from Ø0.28" (Ø7.1 mm) to Ø1.80" (Ø45.7 mm)
 - LH2(/M) Mounts Optics from Ø0.77" (Ø19.6 mm) to Ø2.28" (Ø57.9 mm)
 - LH160C(/M) Mounts Optics from Ø0.50" (Ø12.7 mm) to Ø2.00" (Ø50.8 mm)
- Reversible Delrin® Fingers Have a Flat Side and a V-Shaped Side
- Post-Mountable and 60 mm Cage-Compatible Versions Available
- Bottom-Located 8-32 (M4) Tapped Hole

These adjustable lens mounts are ideal for general-purpose mounting of non-standard optic sizes. The non-marring Delrin fingers can be individually adjusted for unusual shapes in addition to being reversible, providing a flat side and a V-shaped side. The optic or object may be manually aligned and then locked into place by tightening the three black thumbscrews in the Delrin fingers. Each mount features a bottom-located 8-32 (M4) tapped hole that allows for direct mounting to our Ø1/2" Posts.

*Delrin® is a registered trademark of DuPont Polymers, Inc.

Adjustable Lens Mounts

- ▶ LH1 Mounts Optics from Ø0.28" (Ø7.1 mm) to Ø1.80" (Ø45.7 mm)
- ▶ LH2 Mounts Optics from Ø0.77" (Ø19.6 mm) to Ø2.28" (Ø57.9 mm)



► 8-32 (M4) Tapped Hole for Mounting to Ø1/2" Posts

These adjustable lens mounts are ideal for general-purpose mounting of non-standard optic sizes. The non-marring Delrin® fingers can be individually adjusted for unusual shapes in addition to being reversible, providing a flat side and a V-shaped side. The aluminum mount and Delrin® fingers have laser-engraved witness lines and millimeter scales, respectively. The scales on the fingers offer minor ticks every 1 mm and major ticks spaced 5 mm apart. These ticks along with the engraved lines allow for more repeatable positioning and help with optic centration within the mount.

A bottom-located 8-32 (M4) tapped hole allows for direct fastening to our Ø1/2" Posts.

Part Number	Description	Price	Availability
LH1/M	Adjustable Lens Mount: Ø0.28" (Ø7.1 mm) to Ø1.80" (Ø45.7 mm), M4 Tap	\$49.50	Today
LH2/M	Adjustable Lens Mount: Ø0.77" (Ø19.6 mm) to Ø2.28" (Ø57.9 mm), M4 Tap	\$56.73	Today
LH1	Adjustable Lens Mount: Ø0.28" (Ø7.1 mm) to Ø1.80" (Ø45.7 mm), 8-32 Tap	\$49.50	Today
LH2	Adjustable Lens Mount: Ø0.77" (Ø19.6 mm) to Ø2.28" (Ø57.9 mm), 8-32 Tap	\$56.73	Today

Adjustable Lens Mount, 60 mm Cage Compatible



- Mounts Optics from Ø0.50" (Ø12.7 mm) to Ø2.00" (Ø50.8 mm)
- 4 Through Holes on 60 mm Centers for Our Cage Rods
- SM2-Threaded (2.035"-40) for Compatibility with SM2 Lens Tubes
- Laser-Engraved Millimeter Scale for Centering Optics
- 8-32 (M4) Tapped Mounting Hole for Mounting to Ø1/2" Posts



Click to Enlarge
LH160C Holding a Ø2" Lens
in a 60 mm Cage System

Thorlabs' LH160C(/M) Adjustable Lens Mount is compatible with our 60 mm Cage Systems and is ideal for general-purpose mounting of non-standard optic sizes. The non-marring Delrin®* fingers can be individually adjusted for unusual shapes in addition to being reversible, providing a flat side and a V-shaped side. The optic or object may be manually aligned and then locked into place by tightening the three black thumbscrews in the Delrin fingers. The aluminum mount and Delrin fingers have laser-engraved witness lines and millimeter scales, respectively. The scales on the fingers offer minor ticks every 1 mm and major ticks spaced 5 mm apart. These ticks along with the engraved lines allow for more repeatable positioning and help with optic centration within the mount.

The mount features four through holes compatible with our Ø6.0 mm cage rods and 60 mm cage system. Two 0.05" (1.3 mm) hex setscrews for each rod lock the mount into place. The mount also features SM2 (2.035"-40) threading for compatibility with our SM2 Lens Tubes and a bottom-located 8-32 (M4) tapped hole that allows for direct mounting to our Ø1/2" Posts. Please note that the three Delrin fingers prohibit mounting SM2-threaded components on the front of the LH160C(/M) mount.

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Part Number	Description	Price	Availability
LH160C/M	Customer Inspired! 60 mm Cage-Compatible Adjustable Lens Mount, Ø0.50" to Ø2.00", M4 Tap	\$78.11	Lead Time
LH160C	Customer Inspired! 60 mm Cage-Compatible Adjustable Lens Mount, Ø0.50" to Ø2.00", 8-32 Tap	\$78.11	Today