

Fixed Lens Holders (Metric / Inch dual use)

LHF-S

RoHS

Catalog
Code

W4015

A lens holder that can be used in two ways, Metric (M6) and Inch (1/4-20 UNC). It is convenient to use in an experiment where metrics and inch parts are mixed.

- To set the optical axis height from the baseplate to round figures such as 55mm or 60mm, replace posts with post stands (PST-**). (W6039)
- This item can firmly hold thin single lenses as well as thick lenses such as achromatic lenses.
- Best suited when the holders are in close proximity and when setting up a optical system such as folded beam go through the right next to the lens holder because the outer diameter of the holder is small.
- Resin retaining ring fix lenses securely without scratching them. (Resin ring is not attached.)



Guide

- Post length can be changed by specifying the post length when you place an order. Replacement of the post is free of charge, but we may charge the difference in price depending on the length. Contact our Sales Division for more information.
- Adapter nuts (AND) are available to convert M6 female threads to M4 or 8-32UNC female threads.

► [WEB Reference](#) [Catalog Code](#) W6078

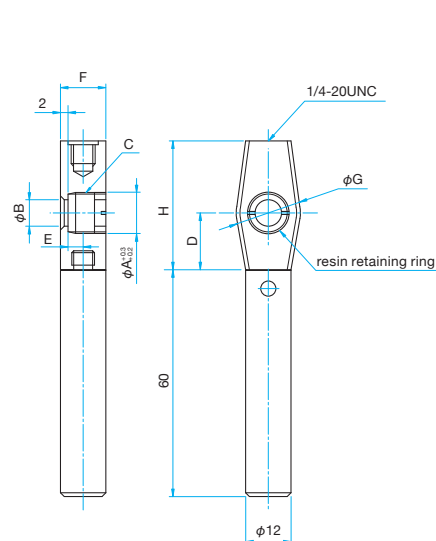
Attention

- Aluminum retaining rings are suitable for clean rooms or high-power laser applications (RR-**). [Reference](#) C041

Outline Drawing

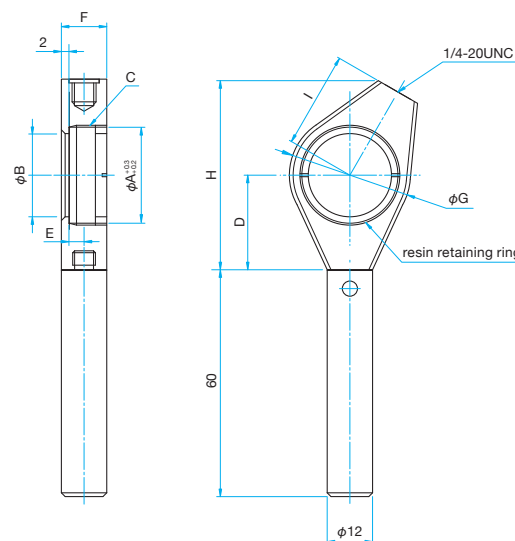
LHF-10S/12.7S/15S/20S

M6 P1



LHF-25S/25.4S/30S/30AS/40S/40AS/50S/50AS/50.8S/60AS

M6 P1



Specifications

Primary material: Aluminum
Finish: Black Anodized

Part Number	Options specified*	Compatible Optics Diameter ϕA [mm]	Thickness t [mm]	Clear Aperture ϕB [mm]	C	Optical Axis Height D [mm]	E [mm]	F [mm]	ϕG [mm]	H [mm]	I [mm]	Weight [kg]
LHF-10S	N	$\phi 10$	2 - 7	$\phi 7$	M10.85 P0.75	15	4	12	$\phi 17$	34.05	-	0.06
LHF-12.7S	N	$\phi 12.7$	2 - 7	$\phi 10$	M13.55 P0.75	15	4	12	$\phi 17$	34.05	-	0.06
LHF-15S	N	$\phi 15$	2 - 10	$\phi 12$	M15.85 P0.75	20	5	15	$\phi 20$	39.05	-	0.07
LHF-20S	N	$\phi 20$	2 - 13	$\phi 17$	M20.85 P0.75	20	7	18	$\phi 27$	39.05	-	0.08
LHF-25S	N	$\phi 25$	2 - 11	$\phi 22$	M25.85 P0.75	25	6	16	$\phi 32$	50	25.4	0.09
LHF-25.4S	N	$\phi 25.4$	2 - 7	$\phi 22$	M26.25 P0.75	25	4	12	$\phi 32$	50	25.4	0.08
LHF-30S	N	$\phi 30$	2 - 7	$\phi 26$	M30.85 P0.75	25	4	12	$\phi 36$	50	25.4	0.09
LHF-30AS	N	$\phi 30$	3 - 12	$\phi 26$	M30.85 P0.75	25	7	18	$\phi 36$	50	25.4	0.11
LHF-40S	N	$\phi 40$	2 - 13	$\phi 37$	M40.85 P0.75	30	7	18	$\phi 46$	66	38.1	0.11
LHF-40AS	N	$\phi 40$	3 - 15	$\phi 37$	M40.85 P0.75	30	8	20	$\phi 46$	66	38.1	0.12
LHF-50S	N	$\phi 50$	3 - 13	$\phi 46$	M50.85 P0.75	35	7	18	$\phi 57$	71	38.1	0.11
LHF-50AS	N	$\phi 50$	3 - 19	$\phi 46$	M50.85 P0.75	35	10	24	$\phi 57$	71	38.1	0.13
LHF-50.8S	N	$\phi 50.8$	2 - 13	$\phi 47$	M51.65 P0.75	35	7	18	$\phi 58$	71	38.1	0.11
LHF-60AS	N	$\phi 60$	3 - 22	$\phi 56$	M60.85 P0.75	40	13.5	27	$\phi 67$	76	38.1	0.13