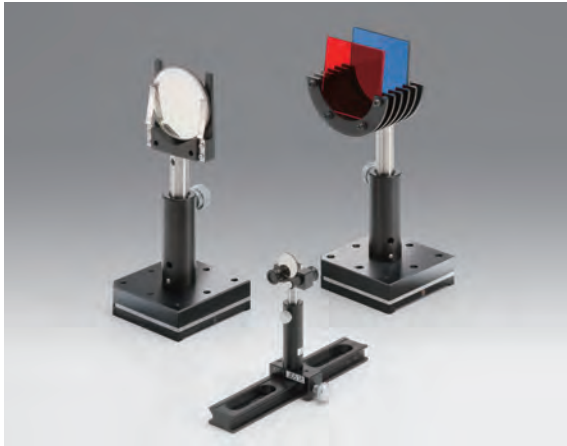


Holders for transmissive optics that do not require optical alignment such as ND filters and color filters. Designed to accommodate different thicknesses and make it easy to change filters.

- Available in a variety of sizes and clamping methods.
- Filter holders can be used with both round filters and rectangular filters. (Note, the FH-10 can only be used with round filters.)
- FH-25 and FH-50 are ideally suited for fine intensity adjustment and transmitted wavelength adjustment because these can hold several filters simultaneously.



Guide

- ▶ The FH-10 utilizes two spring loaded knobs to hold the filter. This maximizes the clear aperture available while providing a secure clamping force.
- ▶ The FHS-25 and FHS-50 have spring clips to make changing the filter easy while still holding the filter securely.
- ▶ The FH-25 and FH-50 have no clamping mechanism, but provide a rack to hold multiple filters, making it easy to combine multiple filters and quickly change them. Contact our sales team regarding increasing the capacity of these filter racks.
- ▶ The supplied post length can be changed. If the length of post is specified at the time of purchase, this product will be delivered after replacing posts.
- ▶ To insure that the filters remain square to the optical axis in the FH-25 and FH-50 mounts, we recommend framed ND filters (MAN, MFND) which are ND filters of various transmittances fitted with filter adapters (FAD) are also available.

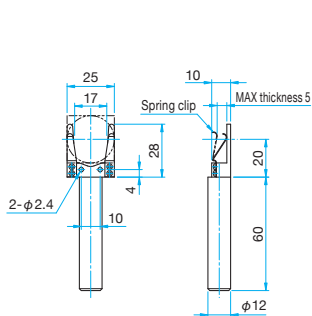
▶ WEB Reference Catalog Code W3094, ▶ WEB Reference Catalog Code W3098

Attention

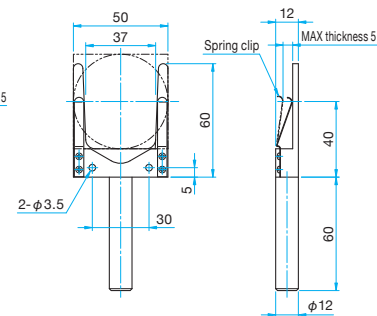
- ▶ Because the posts for FH-25 and FH-50 have a special shape, they cannot be replaced with standard posts (RO-**-**). Contact our International Sales Division regarding different length posts.

Outline Drawing

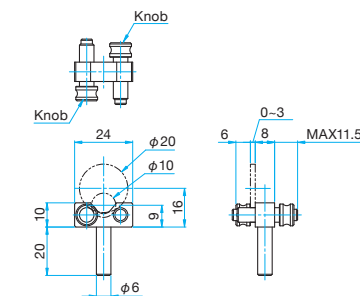
FHS-25 M6 P1



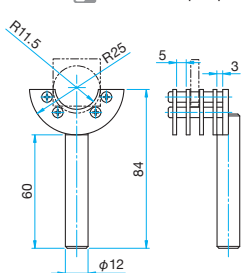
FHS-50 M6 P1



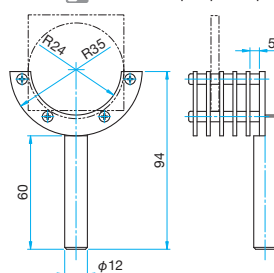
FH-10 M4 P0.7



FH-25 Custom shape special post

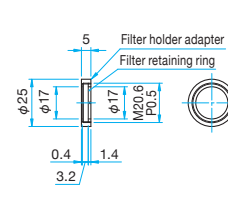


FH-50 Custom shape special post

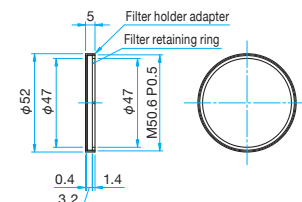


Adapter

FAD-20



FAD-50



Filter Holders

Part Number	Options specified*	Compatible Optics		MAX Number of filter [Units]	Weight [kg]
		Dimensions [mm]	Thickness [mm]		
FHS-25	N/EE/UU	φ25, □25	0 - 5	1	0.06
FHS-50	N/EE/UU	φ50, □50	0 - 5	1	0.08
FH-10	N	φ10 - φ20	0 - 3	2	0.02
FH-25	—	φ25, □25	0 - 3 (MAX three units)	4	0.10
FH-50	—	φ50 - φ52 □50	0 - 5	5	0.11

* For specifying options, please refer to "Conversion of Posts, Post Holders and Pedestal Bases of Holders". Reference C007

Adapter

Primary material: Aluminum
Finish: Black Anodized

Part Number	Compatible Optics		Weight [kg]
	Diameter [mm]	Thickness [mm]	
FAD-20	φ20	0 - 3	0.01
FAD-50	φ50	0 - 3	0.01