

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

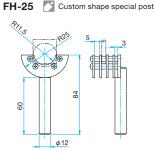
- ▶ The FH-10 utilizes two spring loaded knobs to hold the filter. This maximizes the clear aperture available while providing a secure clamping force.
- ▶ The FHS-25 and FHS-50 have spring clips to make changing the filter easy while still holding the filter securely.
- ▶ The FH-25 and FH-50 have no 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

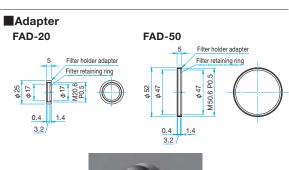
▶ Because the posts for FH-25 and FH-50 have a special shape, they cannot be replaced with standard posts (RO-\*\*-\*\*). Contact our International Sales Division regarding different length posts.

## **Outline Drawing** FHS-50 M6 P1 FHS-25 M6 P1 M4 P0.7 MAX thickness 5 Spring clip MAX thickness 5 Knob MAX11.5 φ20 φ10 $2 - \phi 3.5$ $2 - \phi 2.4$ 90 φ12 φ12





Filter Holders							
Part Number	Options specified*	Compat Dimensions [mm]	ible Optics Thickness [mm]	MAX Number of filter [Units]	Weight [kg]		
FHS-25	N/EE/UU	φ25, □25	0 – 5	1	0.06		
FHS-50	N/EE/UU	<i>φ</i> 50, □50	0 – 5	1	0.08		
FH-10	N	$\phi 10 - \phi 20$	0 – 3	2	0.02		
FH-25	_	φ25,	0-3 (MAX three units) $0-5$	4	0.10		
FH-50	_	φ50 – φ52 □50	0 – 5	5	0.11		



Adapter		Primary material: Aluminum Finish: Black Anodized		
	Compatible Optics		Weight	
Part Number	Diameter [mm]	Thickness [mm]	[kg]	
FAD-20	φ20	0 – 3	0.01	
FAD-50	φ50	0 – 3	0.01	

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