

Holders used for securing and adjusting optical fibers with ferrules (fibers before connectors are attached). When used in combination with the adapter for fiber optics holders (OFH-ADP), these holders can hold  $\phi 0.3\text{mm}$  to  $\phi 4\text{mm}$  ferrules.



### Guide

- Fiber optics holders for FC connectors (FOP) and for SMA connectors (FOP-SMA) are also available. [Reference](#) C076
- Post length can be modified for an additional charge. Contact our Sales Division for more information.

- Focus adjustment knob enables collimation adjustment in combination with the lens.
- The OFH-1 two-axis holder allows positioning of optical fibers.
- The OFH-2 four-axis holder adds tip and tilt capability.
- Both OFH-1 and OFH-2 are available with high precision differential adjusters for more demanding applications.
- Custom sleeves (OFH-ADP) are available to hold ferrules from 0.3mm to 4.0mm diameters. Two setscrews in the body of the holder clamp the sleeve tight and hold the fiber and sleeve in place.

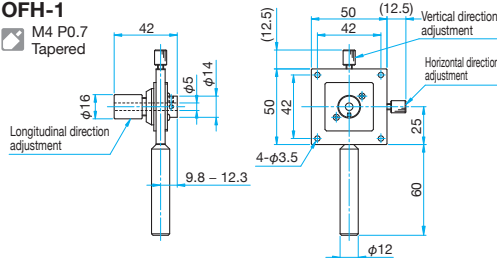
### Attention

- For information regarding use with single mode fibers, contact our Sales Division.
- OFH-ADP sleeves are made to order. Contact our Sales Division for delivery times.
- To hold bare fibers without a ferrule, we recommend using the mini-fiber optics holders (MFH). [Reference](#) C074

### Outline Drawing

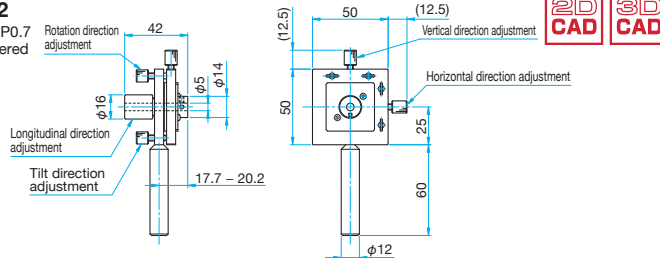
#### OFH-1

M4 P0.7  
Tapered



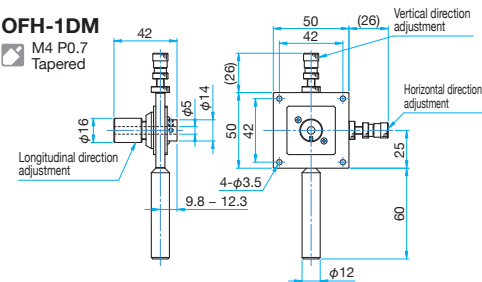
#### OFH-2

M4 P0.7  
Tapered



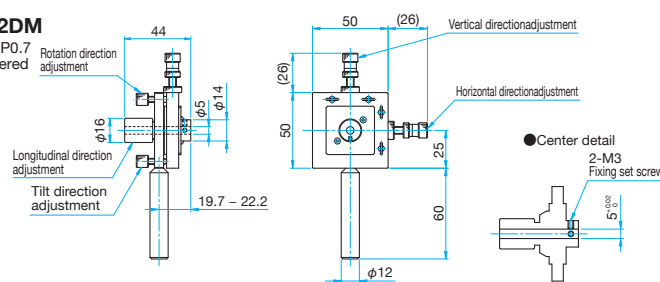
#### OFH-1DM

M4 P0.7  
Tapered



#### OFH-2DM

M4 P0.7  
Tapered



### Specifications

Part Number	Centering Adjustment Range [mm]	Adjustment Range Tilt [°]	Adjustment Range Rotation [°]	Focus Adjustment Range [mm]	Centering Adjustment Resolution [mm/rotation]	Centering Fine Adjustment Resolution [mm/rotation]	Adjustment Resolution		Weight [kg]
							Tilt [°/rotation]	Rotation [°/rotation]	
OFH-1	±1.25	—	—	±1.25	0.5	—	—	—	0.12
OFH-2	±1.25	±2	±2	±1.25	0.5	—	about 0.7	about 0.7	0.15
OFH-1DM	±1.25	—	—	±1.25	0.5	0.05	—	—	0.14
OFH-2DM	±1.25	±2	±2	±1.25	0.5	0.05	about 0.7	about 0.7	0.17

Primary material: Aluminum  
Finish: Black Anodized

### Adapter Sleeve for Fiber Optics Holders | OFH-ADP



Made to order according to the ferrule diameter of your optical fiber. Available with inner diameter between  $\phi 0.3$  and  $\phi 4.0$  by 0.1mm increments.

### Attention

- These adapters are not standard ceramic split sleeve alignment sleeves for ferrules. They are a custom design for this application.

### Specifications

Part Number	Outer Diameter [mm]	Inner Diameter [mm]	Inner Diameter MIN unit [mm]
OFH-ADP	$\phi 5$	$\phi 0.3 - \phi 4.0$	0.1

Primary material: Delrin  
Finish: None