

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.

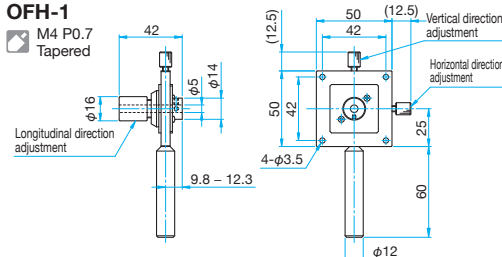
Attention

- 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

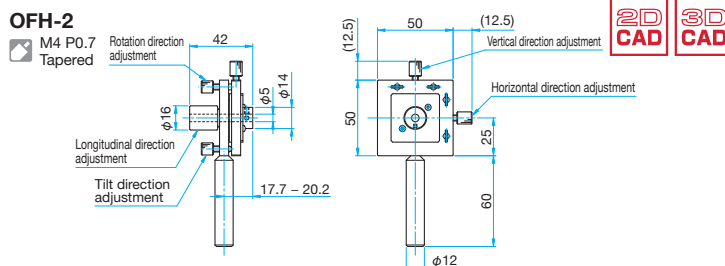
OFH-1

M4 P0.7 Tapered



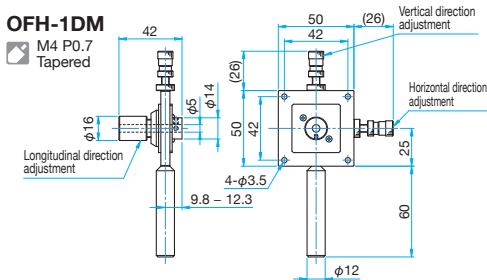
OFH-2

M4 P0.7 Tapered



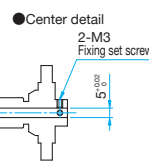
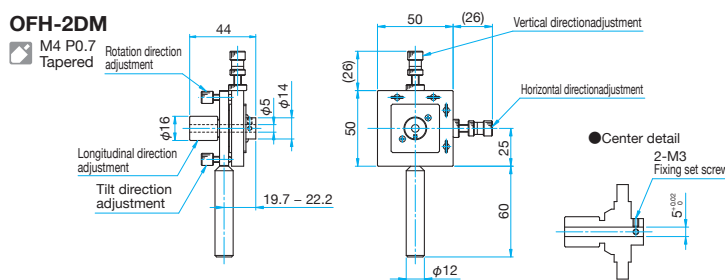
OFH-1DM

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