

OMHS Series Special Kinematic Mount



Brief Introduction:

Base on the OMHS structure, kinematic mount with the interface to the laser beam expanders, microscope objectives, C-mount Lens

AL
2024

3-Axes

0.25mm
Pitch

Features:

- High-quality materials: The main body is made of high-quality aluminium alloy, and the surface treated by black anodic oxidation.
- Advanced structure:
 - ① Fine thread mechanism, high sensitivity and stability
 - ② Dual pulling springs, more uniform and more stable
- High sensitivity: 3pcs 0.25mm fine thread makes the 3D adjustment precise.
- Universal mounting: M4 (from top) M6 (at the bottom) mounting thread

The laser beam expanders, microscope objectives, C-mount Lens has special interface. Zolix designed special kinematic mount for them.

Selection Table:

Model		OMHS-LBE22	OMHS-WJ	OMHS-Cmount
Number of Tuning Axis		3D	3D	3D
Interface size A		M22×0.75	4/5"-1/36	1"-1/32
Tilt Adjust Range	Tilt(°)	±3		
	Tilt(°)	±3		
Translation Range (mm)		MAX6		
Resolution: angular adjustment per revolution(°)	Tilt(°)	≈0.39		
	Tilt(°)	≈0.39		
Main Body Material and Treatment		aluminium alloy, surface treated by black anodic oxidation.		
Optic Center Height (mm)		25		
Fixed Plate Thickness(mm)		18		
Number of Pulling Spring		2		
Mounting Hole		M6, sink holeØ8		
Net Weight (g)		135	140	135

Related Products:



Laser Beam Expanders, Microscope Objectives, C-mount Lens



Connecting Accessories

Dimensions:

OMHS-LBE22/WJ/Cmount

