

NMHS Series Kinematic Mirror Mount



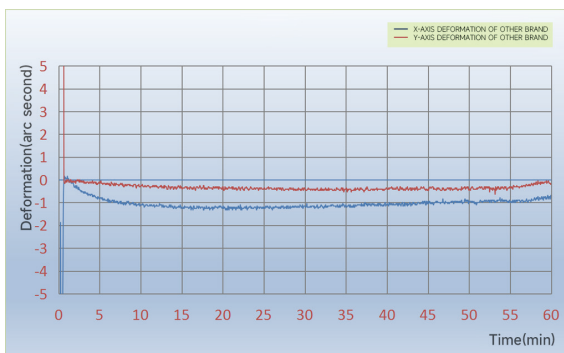
Description:

NMHS series mirror mount is specially designed by Zolix with long-term manufacturing and application experience. Under the premise of ensuring the stability of the fixed plate, the fixing plate is more slight, simple and practical structure. It covers multiple sizes from Ø12.7 to Ø101.6mm, which can meet the use of most applications.

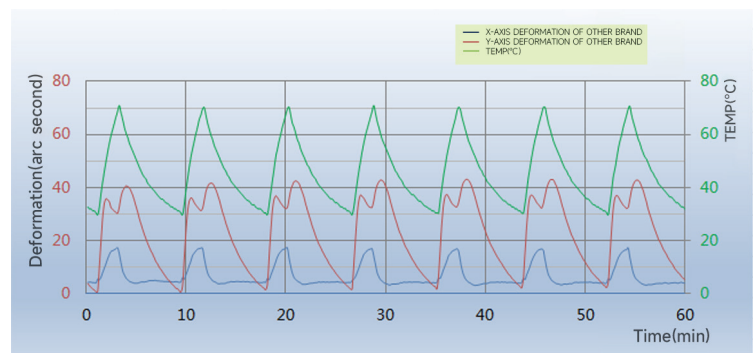
Features:

- High-quality materials: The main body is made of high-quality aluminium alloy, and the surface treated by black anodic oxidation.
- Advanced structure:
 - ①Lightweight design, compact and durable
 - ②The design of four-pull spring enhances the pulling force and makes the distribution of the pulling force more uniform.
- High sensitivity: 3 pcs 0.2 mm pitch super-fine thread pairs for 3D adjustment, for higher sensitivity
- Dual adjustment method: Adjusting thread pair come with inner-hexagonal adjusting hole behind. Can coupled with standard thumb wheel or Inner hexagon spanner, for better adjustment sensitivity and also larger angle range.
- Universal mounting holes: M4, M6 screw holes

NMHS series stability curve /time



NMHS series stability curve /time/temperature



Naming rule:

NMHS 25.4

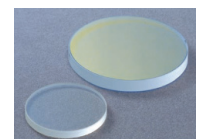
Series code:
NMHS: Aluminum
kinematic mirror mount

Installation Mirror OD:
12.7: ϕ 12.7mm

Related products:



Mirrors with coating



Beamsplitter



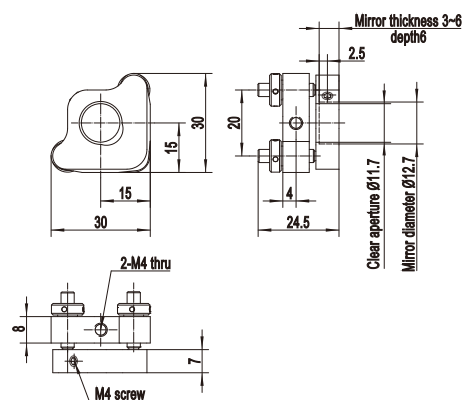
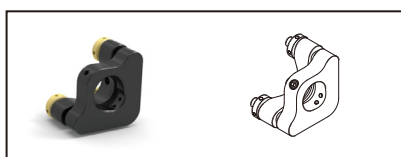
Connecting Accessories

Selection table:

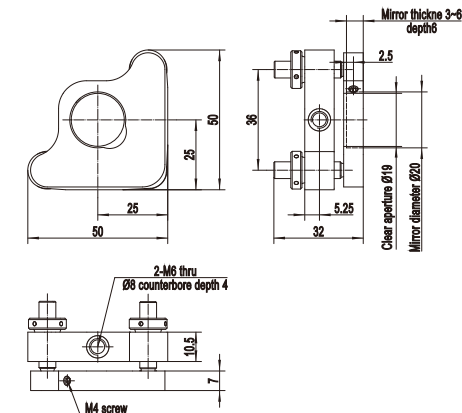
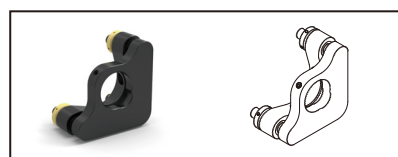
Model	NMHS12.7	NMHS20	NMHS25.4	NMHS30	NMHS38.1	NMHS50.8	NMHS76.2	NMHS101.6
Optic Size (mm)	Ø12.5/Ø12.7	Ø20	Ø25/Ø25.4	Ø30	Ø38.1	Ø50/Ø50.8	Ø76.2	Ø101.6
Optic Edge Thickness (mm)	3~6	3~6	3~6	3~6	3~6	4~10	5~12	5~12
Angular Range (°)	±3							
Clear Aperture (mm)	Ø11.7	Ø19	Ø24	Ø28	Ø36	Ø49	Ø72	Ø96
Optical Axis Height(mm)	15	25	25	25	30	35	50	70
Resolution: angular adjustment per revolution(°)	≈0.57	≈0.33	≈0.33	≈0.33	≈0.25	≈0.2	≈0.18	≈0.13
Main Body Material and Surface Treatment	aluminium alloy, surface treated by black anodic oxidation.							
Thickness of The Fixed Plate(mm)	8	10.5	10.5	10.5	10.5	10.5	16	16
Number of Pulling Spring	4							
With Locking Mechanics	Yes							
Mounting Hole	M4	M6, counter boreØ8						
Net Weight(g)	35	95	90	85	100	125	240	400

Dimensions:

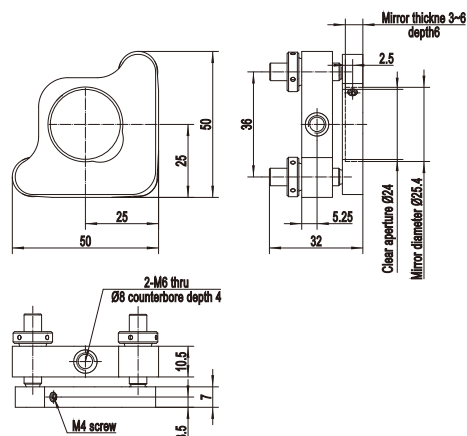
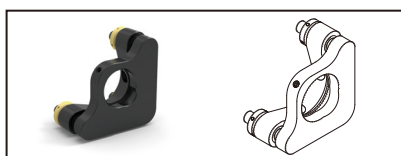
NMHS12.7



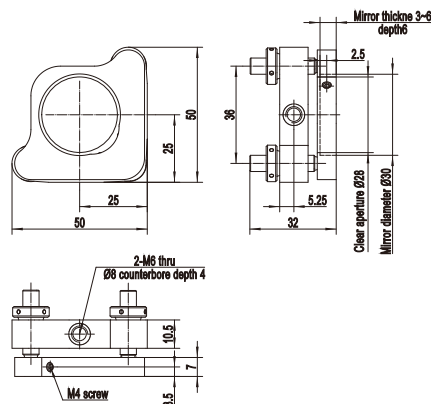
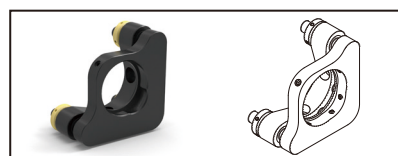
NMHS20



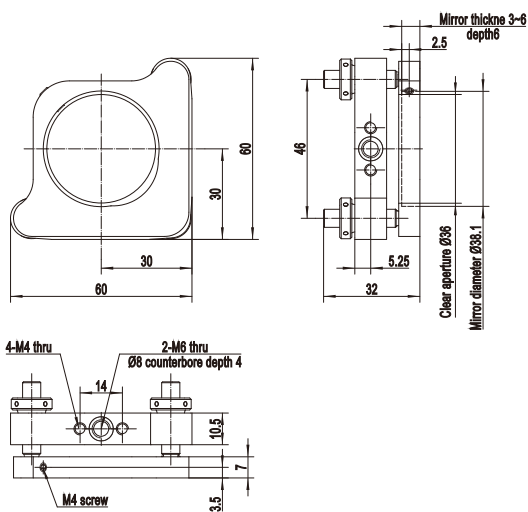
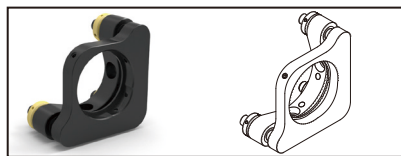
NMHS25.4



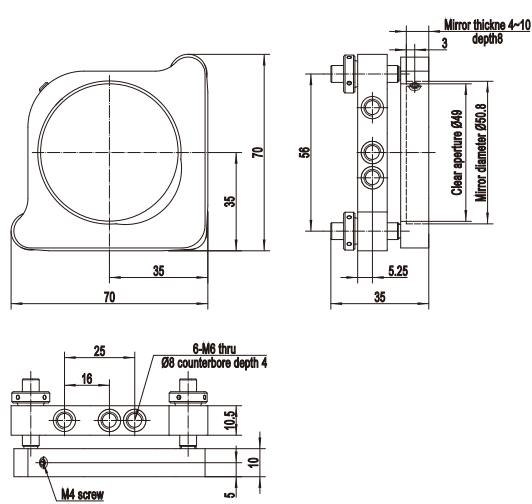
NMHS30



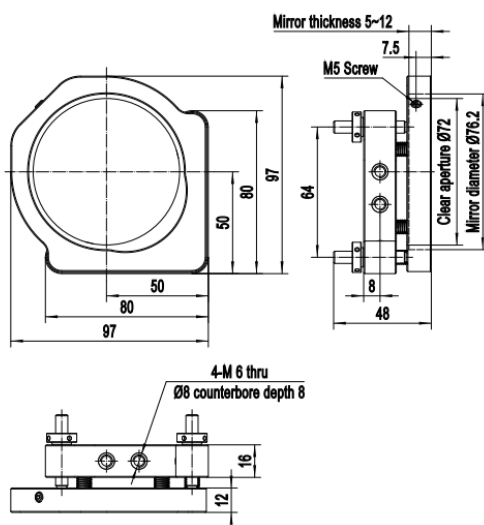
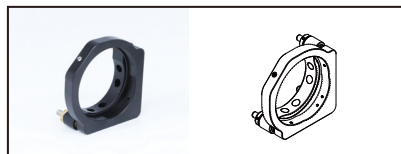
NMHS38.1



NMHS50.8



NMHS76.2



NMHS101.6

