

NMV series Vertical Drive Kinematic Mirror Mount



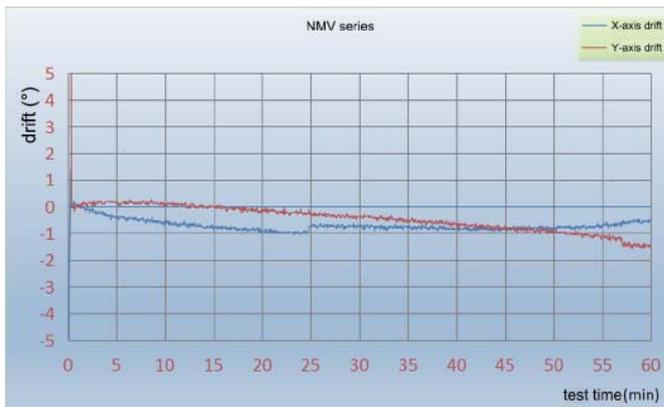
Brief Introduction:

NMV series is in the Zolix N series new designed kinematic mirror mounts, with adjustment thumb wheel on the top, so the full thickness can be smaller, saving the space. During the tuning, also avoid the finger block the optical path. optic size cover 12.7-50.8mm, suitable for adjustments space are limited

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 With adjustment thumb wheel on the top, during the tuning, also avoid the finger block the optical path.
 - ② Less thickness saving the space
 - ③ Fine calculated 3 pulling spring's pulling force, more stable structure and uniform in pulling force
- High sensitivity: 2 pcs 0.2 mm pitch super-fine thread pairs for 2D adjustment, for higher sensitivity
- Universal mounting holes: M4, M6 screw holes

NMV series Stability Test Data

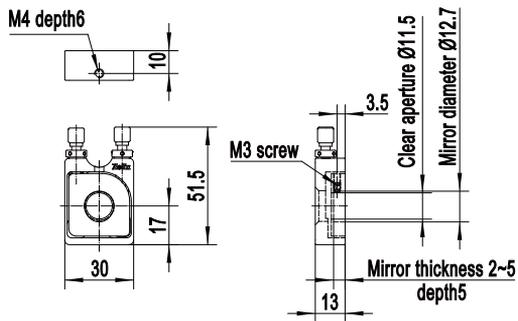


Selection Table:

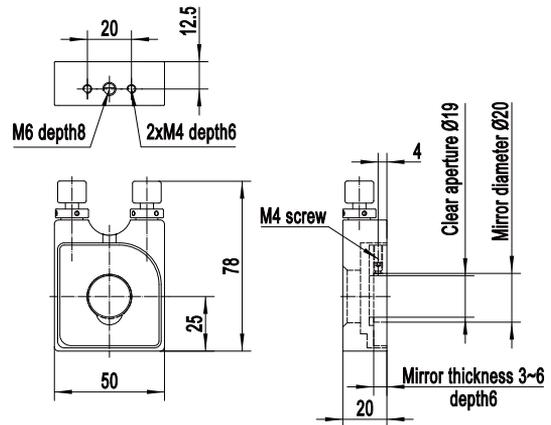
Model	NMC12.7	NMC20	NMC25.4	NMC38.1	NMC50.8
Optic Size (mm)	φ 12.5/ φ 12.7	φ 20	φ 25/ φ 25.4	φ 38.1	φ 50/ φ 50.8
Optics Thickness (mm)	4~15	4~20	4~20	4~20	4~20
Adjustment Angle Range (°)	±3				
Clear Aperture (mm)	φ 10	φ 17	φ 23	φ 35	φ 47
Optic Center Height (mm)	15	25	25	30	40
One Round of Screw Drive vs Angle Adjusted (°)	≈0.67	≈0.31	≈0.31	≈0.24	≈0.18
Main Body Material and Treatment	aluminium alloy, surface treated by black anodic oxidation.				
Thickness of The Fixed Plate(mm)	8	10	10	10	10
Number of Pulling Spring	4				
Mounting Hole	M4	M6, φ 8sink hole			
Net Weight (g)	30	75	75	80	140

Dimensions:

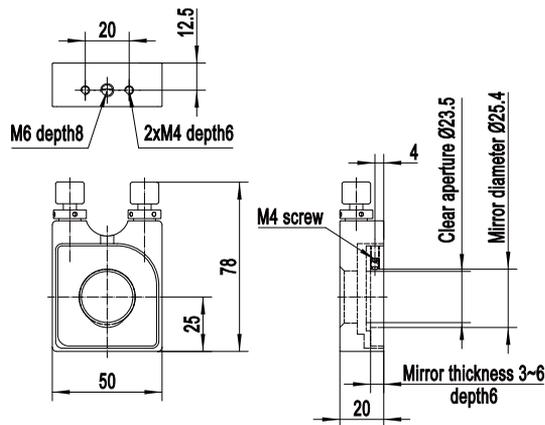
NMV12.7



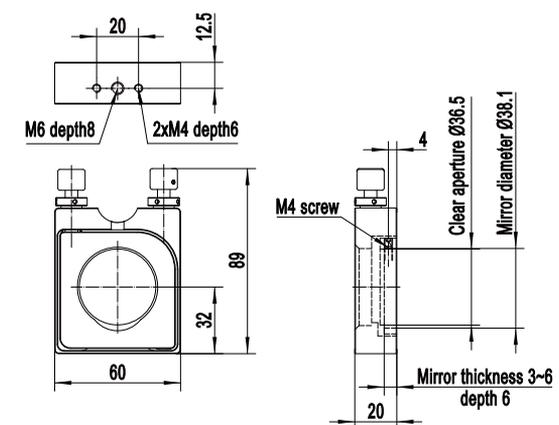
NMV20



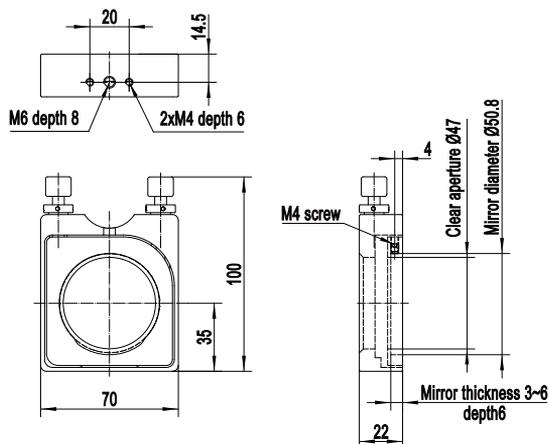
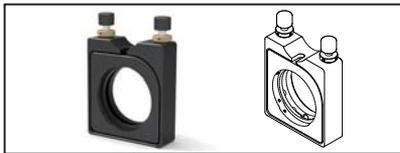
NMV25.4



NMV38.1



NMV50.8



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