

OMUS Series Stainless Steel Kinematic Mirror Mount



Brief Introduction:

The OMUS series represents Zolix's premium line of stainless steel kinematic mirror mount.

Features:

- High versatility: the main body is made of stainless steel, able to work in vacuum environment.
- Four pulling springs, more uniform pulling force.
- High sensitivity 0.2 mm pitch super-fine thread pairs for 3D adjustment and higher sensitivity.
- Dual fixing mechanism: a specially designed elastic ring prevents lens deformation caused by locking screws or rigid fixing. Alternatively, the elastic ring can be removed, allowing the lens to be secured using the side elastic plate.
- Dual adjustment: thumb wheels or hexagon spanners.
- With M4 and M6 mounting holes.

Details of product



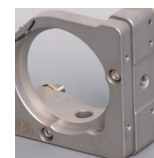
Double mounting method: shrapnel and top screw



Threaded auxiliary locking mechanism and internal hexagon at the rear end



Standard handwheel with hexagon

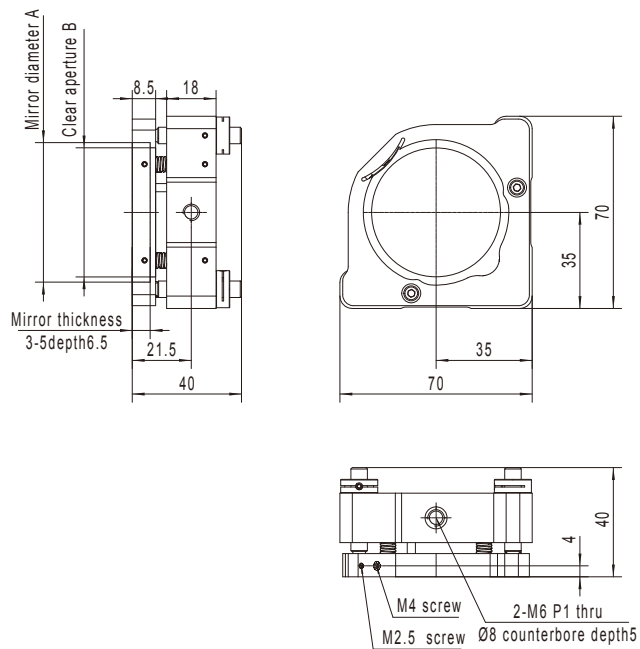
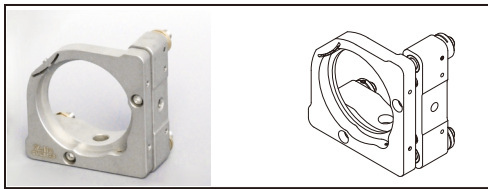


Front and rear plate locking mechanism

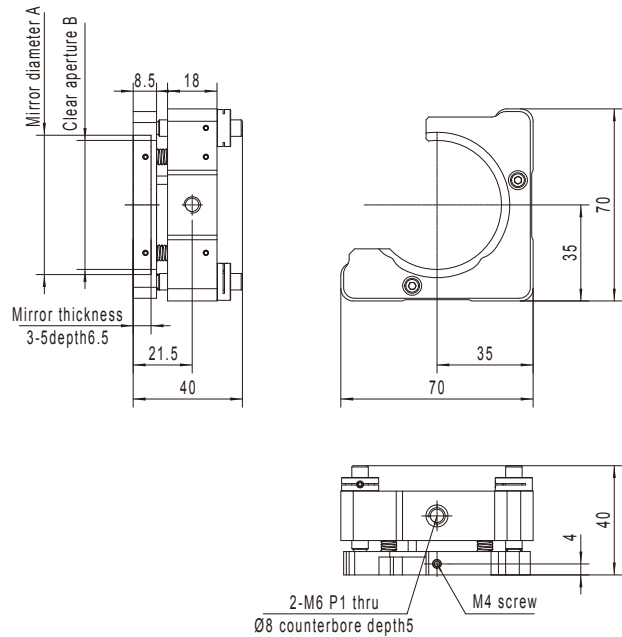
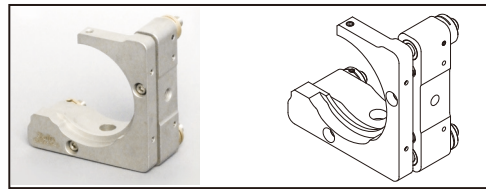
Selection table:

Model	OMUS12.7(-B)	OMUS20(-B)	OMUS25.4(-B)	OMUS38.1(-B)	OMUS50.8(-B)
Optic Size A(mm)	Ø12.5/Ø12.7	Ø20	Ø25/Ø25.4	Ø38.1	Ø50/Ø50.8
Optic Edge Thickness (mm)	3~5				
Angular Range(°)	±3				
Travel Range (Z axis)(mm)	MAX6				
Clear Aperture(mm)	11	18	23.5	35	47
Optical Axis Height(mm)	14	25	25	30	35
Resolution: angular adjustment per revolution(°)	≈0.56	≈0.32	≈0.32	≈0.25	≈0.2
Main Body Material and Surface Treatment	Stainless steel, sand blasting				
Thickness of The Fixed Plate(mm)	12	18	18	18	18
Number of Pulling Spring	2	4			
Locking Mechanics	Yes	Yes, dual lock			
Mounting Hole	M4	M6, Ø8 counter bore			
Net Weight(g)	60(60)	250(240)	240(230)	310(290)	360(330)

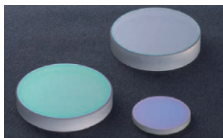
OMUS50.8



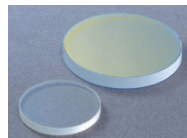
OMUS50.8-B



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