Kinematic Vertical Drive Optical Mount

5KVDOM-05



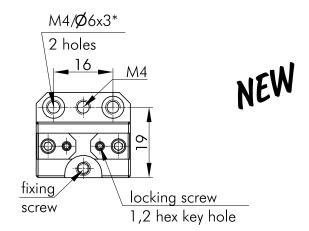


ORDERING INFORMATION

5KVDOM-05

Ultra-stable Kinematic Mirror Mount

Fine Adjustment screw M4x0,25 2 hex key hole M2,5x3,5 deep 2 holes Ø12<u>,9x4,7</u> ഗ 36,5 deep M4x6 23 25,4 deep



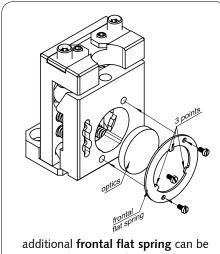
- For Ø12.7 mm (0.5 inch) optics
- Stainless steel
- Compact/robust design
- Lockable adjustment screws
- Fine screws pitch 0.25 mm (101,6 TPI)
- Tilt/tip range ±2.5°
- Sensitivity 2 arcsec
- Vacuum compatible version is available on request
- Weight 0.1 kg

Kinematic Vertical Drive Optical Mount 5KVDOM-05 is designed to minimize mount-induced wavefront distortions. In conventional mounts, the mirror is tightened by a side screw. Radial forces acting on the mirror induces parasitic wavefront distortion, such as astigmatism.

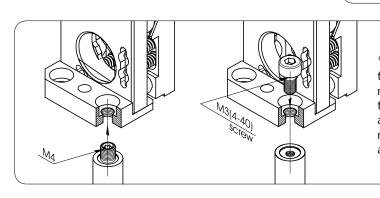
Uniformly distributed axial forces eliminate wavefront distortion.

This mount is ideal for industrial applications in different optical devices (laser cavities, optical sub-assemblies, limited space applications) because of their long-term stability.

A fixing screw secures the optics against contact lines, which make 2 contact points. To prevent damage to the optics, the tip of the fixing screw is made of **plastic**.



ordered for optics of given thickness



*slide M3(4-40) screws through combined M4/Ø6 mounting/clearance holes to mount the unit immediately to M3(4-40) holes, or mount the unit directly on any M4 tip

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Phone: +370-5-2651474 Fax: +370-5-2651483