

Options for Kinematic Mirror Holders | MHG-BPRO/MHG-KAD

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Post Adapter Plates | MHG-BPRO

RoHS Catalog Code W4002

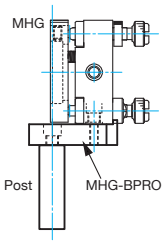
These plates correct the distance offset between the center of the mirror and the mounting hole.

- When post adapter plates are used, the optical axis will move 10mm upward. (12.3mm only for MHG-12 and 7BPRO.)
- Post adapter plates can be fixed not only on posts but also on stages or baseplates using M4 screws.
- The adapters are designed for use with a mirror of 5mm thickness. Offset remains if a mirror of thickness other than 5mm is used.



Example of Use





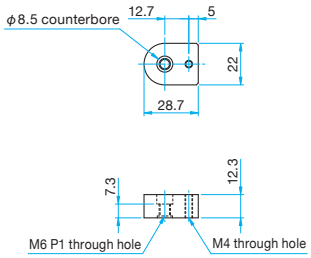
Specifications Primary material: Aluminum Finish: Black Anodized

Part Number	Compatible Holders	Weight [kg]
MHG-12.7BPRO	MHG-MP12.7	0.02
MHG-30BPRO	MHG-MP20-NL/MHG-HS20-NL MHG-MP25/-HS25 MHG-MP30/-HS30	0.025
MHG-50BPRO	MHG-MP50/-MP50.8	0.025
MHG-100BPRO	MHG-100	0.075

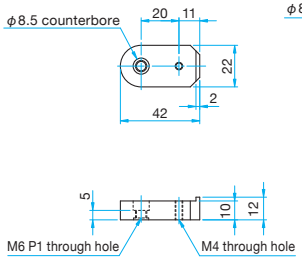
Outline Drawing

2D CAD 3D CAD

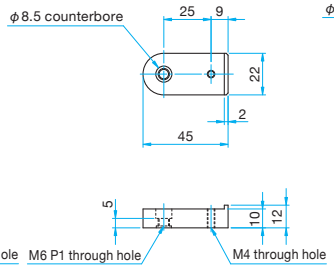
MHG-12.7BPRO
Hexagonal socket head cap screw M4×12...1 screw
Flat washer



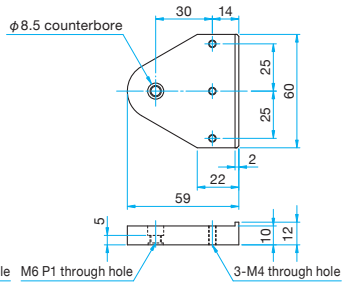
MHG-30BPRO
Hexagonal socket head cap screw M4×10...1 screw
Flat washer



MHG-50BPRO
Hexagonal socket head cap screw M4×10...1 screw
Flat washer



MHG-100BPRO
Hexagonal socket head cap screw M4×10...1 screw
Flat washer

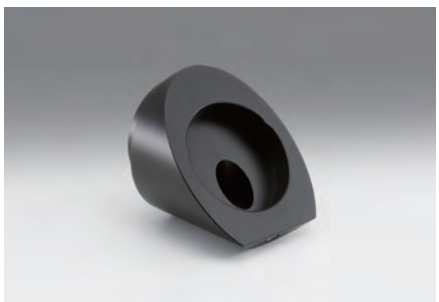


45° Optics Adapters | MHG-KAD

RoHS Catalog Code W4003

Used in a MHG kinematic mirror holder to direct a beam upwards or downwards on optical benches.

- The adustment range and resolution or mirror holders are changed using this adapters.
- Mirrors are mounted at three points on the side.
- Since adapters are fitted in the mirror frame of the mirror holder, the orientation of the tilted surface of the mirror can be rotated about the central axis of the adapter cylinder.



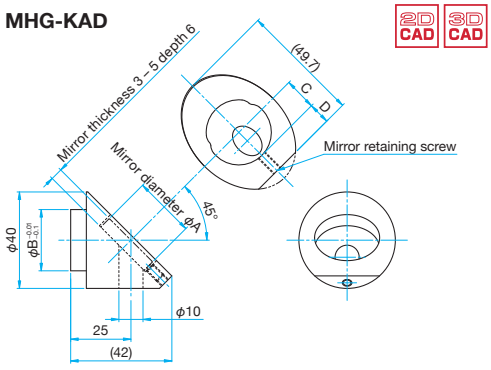
Example of Use



Outline Drawing

2D CAD 3D CAD

MHG-KAD



Specifications Primary material: Aluminum Finish: Black Anodized

Part Number	Compatible Holders	Compatible Optics Diameter ϕA [mm]	Compatible Optics Thickness [mm]	Weight [kg]
MHG-25.4KAD	MHG-MP25.4/-HS25.4	ϕ25.4	3 – 5	0.07
MHG-30KAD	MHG-MP30/-HS30	ϕ30	3 – 5	0.07

Part Number	ϕB (mm)	C (mm)	D (mm)
MHG-25.4KAD	25.4	13.5	9
MHG-30KAD	30	15.5	7