

Holders for Laser Beam Expanders | KLH-BE

RoHS Catalog Code W4147

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Four axis adjustable mount for Laser Beam Expanders BE and LBED. Tip, Tilt and centering can be adjusted.

- Stable design for large size laser beam expanders .
- KLH-BE is equipped with lock mechanism for angle and centering. These locking mechanism enable to keep the orientation after adjustment.
- Mountable on posts or posts holders.
 WEB Reference Catalog Code W6052, WEB Reference Catalog Code W6039



Attention

- Baseplate for mounting on the optical table or bread board is available (MHL-BP). Reference C029

Guide

- If the centering mechanism clamp is not sufficiently loosened, the range of movement of the centering mechanism will be narrow.
- Changing focus after the adjustment of tilt, rotation and centering may cause the deviation of output beam angle and centering.

Example of Use

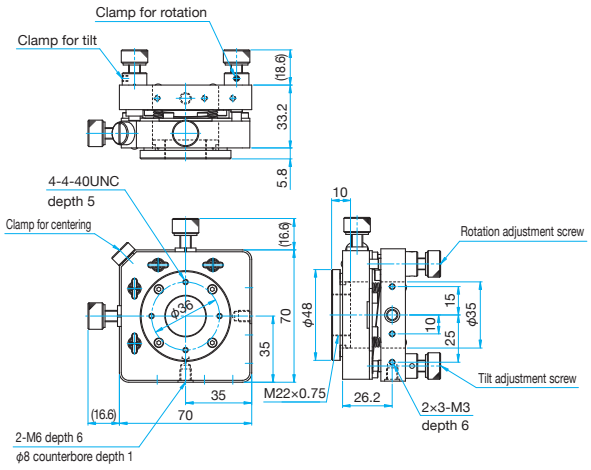


Assembled with the KLH-BE-M22H and LBED10

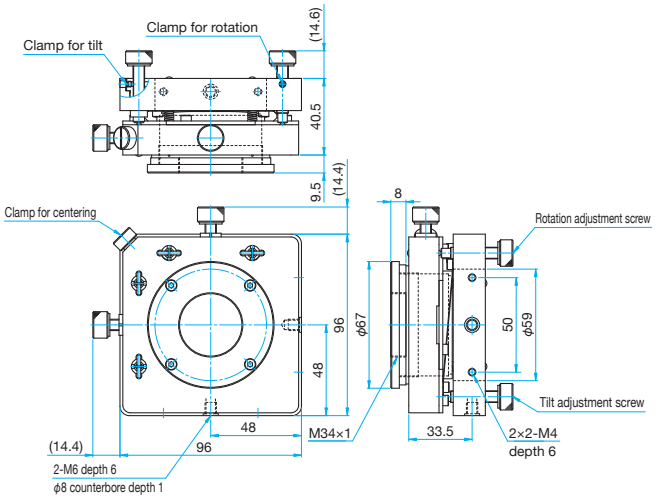
2D CAD 3D CAD

Outline Drawing

KLH-BE-M22H M6 P1



KLH-BE-M34H M6 P1



Specifications

Primary material: Aluminum
Finish: Black Anodized

Part Number	Compatible Mounting Screw Size [mm]	Centering adjustment range [mm]	Centering Adjustment Resolution [mm/rotation]	Angle Adjustment Range Tilt [°]	Angle Adjustment Range Rotation [°]	Angle Adjustment Resolution Tilt [°/rotation]	Angle Adjustment Resolution Rotation [°/rotation]	Weight [kg]
KLH-BE-M22H	M22 P0.75	φ2	0.25	±2	±2	0.3	0.3	0.38
KLH-BE-M34H	M34 P1	φ2	0.25	±3	±3	0.2	0.2	0.68