

LAH-4 is a high stability laser holder for He-Ne laser. Easy to use, two axis thumbscrews with locks.

- High stability kinematic mechanism suitable even for large He-Ne lasers. As it is easy to adjust angle of output beam, this holder can also be used for alignment of a guide laser for an invisible laser.
- Compatible with a variety of laser diameters: 31.8 mm, 35.1 mm, 44.5 mm, and 45mm.



Guide

- ▶ Can be mounted on a post or baseplate.
Posts (RO) and Post Holders (PST).
▶ [WEB Reference](#) [Catalog Code](#) W6052, ▶ [WEB Reference](#) [Catalog Code](#) W6039
Baseplate, MHL-50BP, for directly mounting on the optical table/
bread board. [Reference](#) C029
- ▶ Replacement for discontinued item LAH-3T.

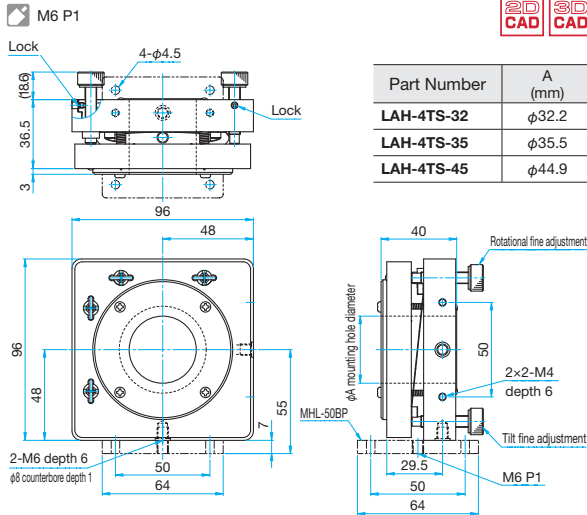
Attention

- ▶ Overtightening setscrews that hold the laser tube may cause the degradation of laser quality.
- ▶ For best performance, center the tube in the holder.

Example of use



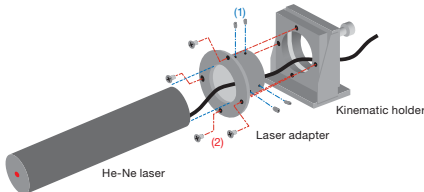
Outline Drawing



How to Mount He-Ne Lasers

Remove the laser adapter from the kinematic (tilt adjustment) holder first by removing the four pan head screws. If the cable of a He-Ne laser cannot be pulled out, put the He-Ne laser through the hole of the kinematic holder first.

- (1) Insert the He-Ne laser in the laser adapter half way, and fix with four set screws.
- (2) Mount the adapter in which the laser is mounted in the kinematic holder with four pan head screws.



Specifications

Primary material: Aluminum
Finish: Black Anodized

Part Number	Compatible Laser Diameter φA [mm]	Optical Axis Height [mm]	Adjustment Range		Resolution		Weight [kg]
			Tilt [°]	Rotation [°]	Tilt [°/rotation]	Rotation [°/rotation]	
LAH-4TS-32	φ31.8	48*	±2	±2	0.2	0.2	0.63
LAH-4TS-35	φ35.1	48*	±2	±2	0.2	0.2	0.63
LAH-4TS-45	φ44.5	48*	±2	±2	0.2	0.2	0.63

*With MHL-50BP, 7mm thick baseplate, the height of optical path would be 55mm, the same height as LAH-3T Series.

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