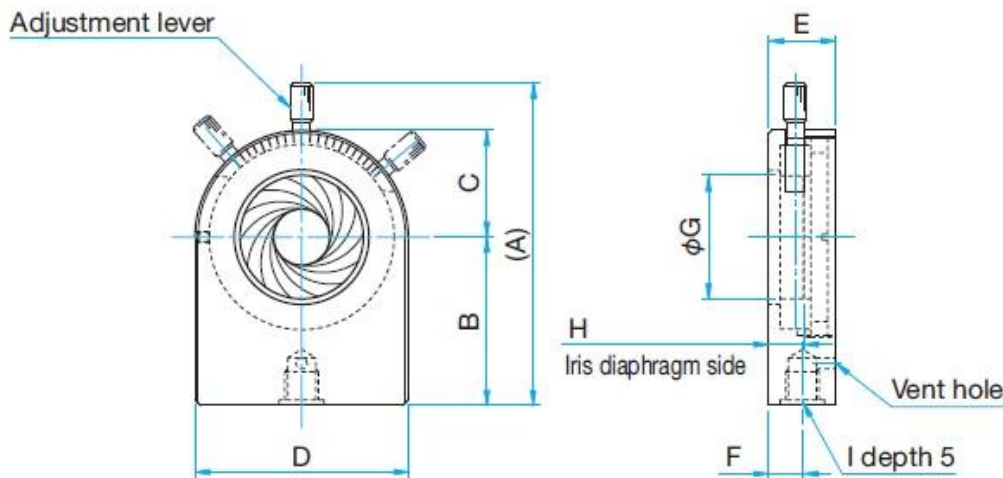




Vacuum Iris Diaphragm Holder

These are stainless steel iris diaphragms which can change its aperture size. It is mainly used for optical axis alignment of the laser beam and blocking the return light or stray light.

- It also can be used in a UV optical system or in a clean room.
- By sliding the adjustment lever, 12pcs diaphragm blades can be controlled and aperture will have a shape similar to a circular shape. By turning the adjustment lever, the aperture diameter can be fixed.
- The scale for aperture diameter is in the front of the holder.
- To minimize the outgassing, venting hole and grooving are provided onto screw holes and inset sections.



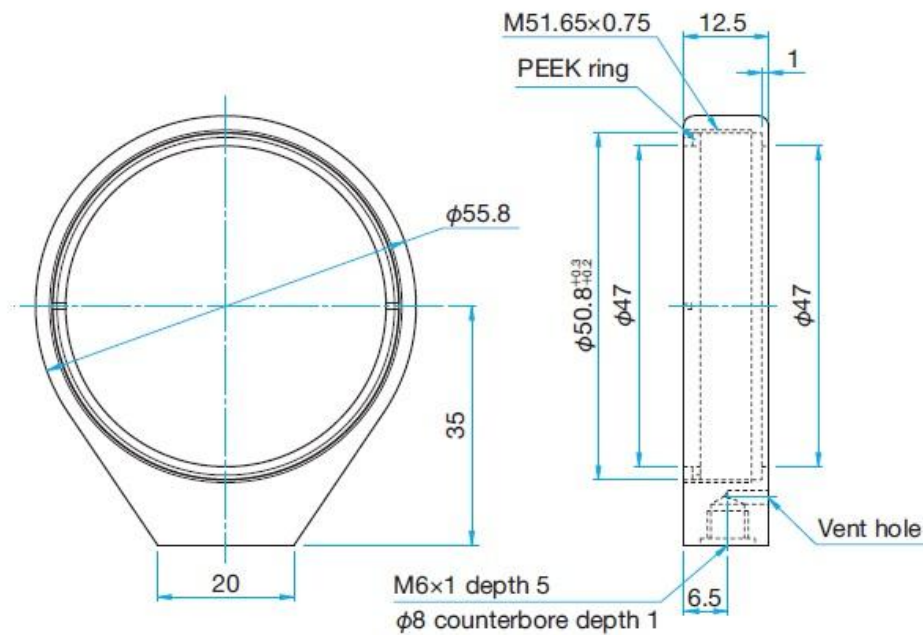
Part Number	A	B	C	D	E	F	G	H	I
VIH-15	43	20	15	30	10	5	15	5.2	M4
VIH-22	57.5	30	19	38	12	5	22	6.2	M6
VIH-36	75	35	30	60	12	6.4	36	6.9	M6



Vacuum Lens Holder

These are low outgassing lens holders which are ideal for using in the high vacuum conditions.

- It also can be used in a UV optical system or in a clean room.
- To minimize the outgassing, venting hole and grooving are provided onto screw holes and inset sections.
- Specially designed polyether ether ketone resin (PEEK resin) retaining ring is used for this holder.





Vacuum Mirror Holder

These are low outgassing mirror holders which are ideal for using in the high vacuum conditions.

- It also can be used in a UV optical system or in a clean room.
- Adjustment screws are removable (except for VMHG-12.7) so that it can remount other electric actuators for remote controll. (Actuators are not included.)
- To minimize the outgassing, venting hole and grooving are provided onto screw holes and inset sections.
- BARRIERTA SUPER IS/V grease is used for sliding part.

Specifications

Compatible Optics Diameter	VMHG-12.7 ($\phi 12.7\text{mm}$)	VMHG-25.4 ($\phi 25.4\text{mm}/\phi 25\text{mm}$)
	VMHG-30 ($\phi 30\text{mm}$)	VMHG-50.8 ($\phi 50\text{mm}/\phi 50.8\text{mm}$)
Compatible Optics Thickness	VMHG-12.7 (3 - 7mm)	VMHG-25.4 (3 - 10mm)
	VMHG-30 (3 - 10mm)	VMHG-50.8 (3 - 10mm)
Clear Aperture	VMHG-12.7 ($\phi 11\text{mm}$)	VMHG-25.4 ($\phi 22.4\text{mm}$)
	VMHG-30 ($\phi 27\text{mm}$)	VMHG-50.8 ($\phi 47\text{mm}$)
Number of Adjustment Axes	2 points	
Adjustment Range /tilt	$\pm 3^\circ$	
Adjustment Range /Rotation	$\pm 3^\circ$	
Resolution /Tilt	0.3° - 0.4°/rotation	
Resolution /Rotation	0.3° - 0.4°/rotation	

