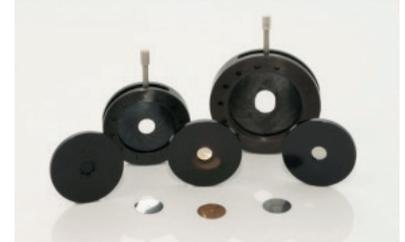


Apertures

Our custom slit and pinhole apertures are supplied in a range of forms and grades and offer precise control of beam shape and size with sharp edges.

We offer standard grade laser-drilled and precision apertures in a range of pinhole diameters and slit widths and lengths, making them ideally suited to a range of laser applications where beam shaping is required or saturation of a detector needs to be limited. Apertures are also used to determine a system's field of view and to limit the effect of aberrations.

Our custom apertures are widely used in general applications, our high precision and high powered aperture offer increase performance and radiation dissipation for laser applications.



Custom capabilities

Pinhole Size	0.5µm to 1000µm
Slit Size	1µm to 200µm
Unmounted foils	9.53mm diameter
Mounted	16mm, 18mm and 25mm diameter
Materials	Tungsten, Gold, Molybdenum, Tantalum, Titanium, Nickel, Brass, Platinum, Beryllium Copper
Finish	Metallic or blackened

Notes

All products are tested in our state of the art metrology laboratory by our highly trained technicians to ensure compliance with the specification. Parts are then sent to our QA team to be cleaned and checked for surface imperfections before dispatch.

Please contact our technical sales team on (+44) 1622 849 444 to discuss your custom aperture requirements and discover how Knight Optical can help improve your supply chain experience. Alternatively, email us your requirements by clicking on the links below.