

Sapphire ground blanks

We can offer ground blanks ready for manufacturing a range of optics.

The most frequently requested specifications for sapphire ground blanks are as follows:

Diameter range	less than 5mm to 300mm
Diameter tolerance	better than $\pm 0.5\text{mm}$
Centre thickness	up to 50mm
Centre thickness tolerance	better than $\pm 0.5\text{mm}$
Clear aperture	90%
Linear dimension	up to 300mm
Linear tolerance	better than $\pm 0.5\text{mm}$
Angular tolerance	better than 10 arc minutes
Edge finish	fine ground N6
Chamfer	0.3x0.3@45°

Our capabilities are always expanding so if your requirement is not mentioned above please enquire as we have many years of experience in this field.

Contact our multilingual technical sales team and discover how Knight Optical's high quality sapphire ground blank capabilities and service can improve your instrumentation and supply chain experience.