Capabilities

Germanium prisms

The most frequently requested specifications for germanium prisms are as follows:

Length of hypotenuse
Length of sides
Thickness
Angle tolerance
Edge finish
Clear aperture
Chamfer
Form error
Surface quality

up-to 150 ± 0.1 mm up-to 150 ± 0.1 mm 100 ± 0.05 mm better than 1 arc minute ground, blacked 90% of entrance dimensions $0.3 \times 0.3 @ 45^{\circ}$ 0.2 fringe from test flat 20-10 scratch/ dig

Coatings

BBAR coating @1-14µm Diamond-Like carbon (DLC) coating @ 1-14µm

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 germanium prism capabilities and service can improve your instrumentation and supply chain experience.

KO BRINGING QUALITY INTO FOCUS







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KNIGHT OPTICAL

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