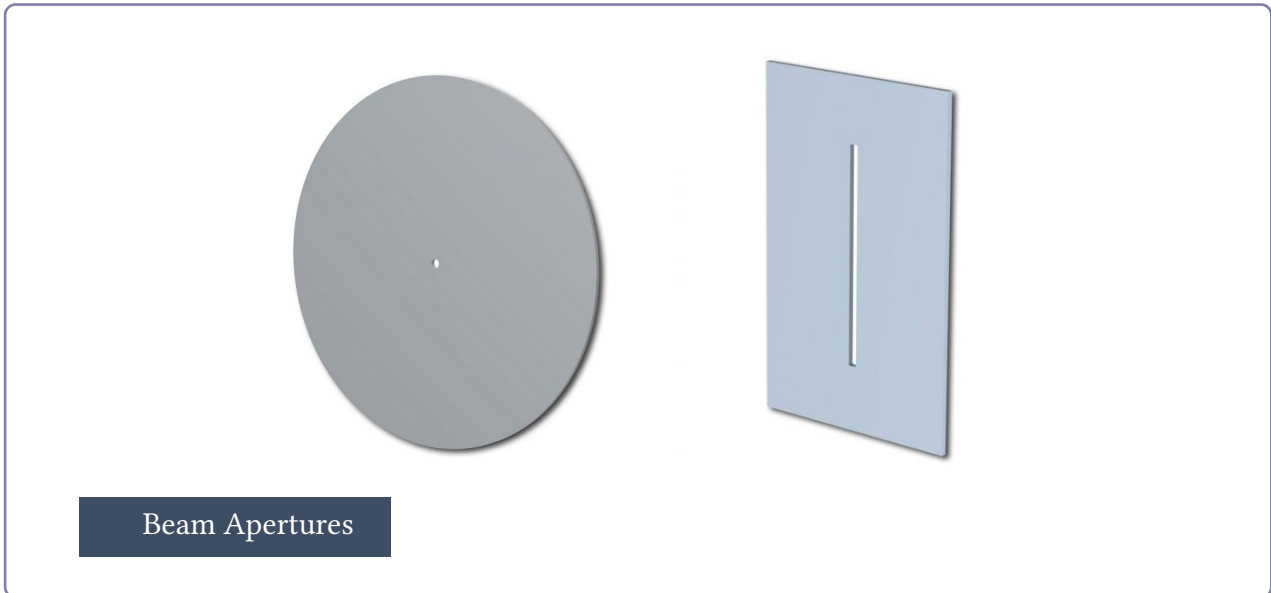


BEAM APERTURES

- APERTURES FOR CHARGED PARTICLE BEAM FORMATION OR DIAGNOSTICS-



Charged particle beam apertures can be used for several applications, for instance as entrance apertures for Faraday Cups, as cut-off apertures to reduce or form the particle beam sizes or as masks for irradiation of targets. Standard apertures for DREEBIT equipment or customer-specific designs can be offered.

TECHNICAL PARAMETERS

materials	stainless steel or tantalum (other materials on request)
thickness	depending on the application and on the material (some 100 μm to some mm)
minimal hole / slit size	50 μm for thin apertures
aperture geometry	round or rectangular (other geometries on request)

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