asphericon

Visionen leben

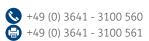
MIRRORS

Aspheric mirrors, including paraboloids, hyperboloids and ellipsoids, as well as mirrors with a customer-specific aspherical surface, are among the specialties of asphericon's product range.

Specifications	Custom Mirrors
Diameter	1 – 420 mm
Diameter Tolerance	<0.015 µm
RMS Irregularities (RMS _i)	25 nm
Surface Imperfections (Scratch/Dig)	20 - 10
Coating	Customer-specific
Full-surface Interferometric Measurement	Optional
Materials	Customer-specific (almost every type of glass, silica, germanium, silicon, IR lenses, zerodur)
Mounting	Customer-specific

All products are also available as reflective mirror elements.

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 $^{^{1}\}text{A: R}_{\text{MMX}}\text{C}1.0\%, \text{R}_{\text{ANG}}\text{S}0.4\%, 400-600 \text{ nm}, \text{AOI}=0^{\circ} \mid \text{B: R}_{\text{MMX}}\text{C}1.0\%, \text{R}_{\text{ANG}}\text{S}0.4\%, 600-1050 \text{ nm}, \text{AOI}=0^{\circ} \mid \text{C: R}_{\text{MMX}}\text{C}1.0\%, \text{R}_{\text{ANG}}\text{S}0.4\%, 1000-1600 \text{ nm}, \text{AOI}=0^{\circ} \mid \text{C: R}_{\text{MMX}}\text{C}1.0\%, \text{R}_{\text{MNG}}\text{S}0.4\%, 1000-1600 \text{ nm}, \text{AOI}=0^{\circ} \mid \text{C: R}_{\text{MMX}}\text{C}1.0\%, \text{R}_{\text{MNG}}\text{C}1.0\%, \text{R}_{\text{$