



Experten. Forum. Optik.

Fineoptix GmbH

Established: 2007

Employees: 10

Service portfolio:

fineoptix GmbH manufactures precision optical components for a wide range of applications. It produces large, medium and small series and prototypes of highest-precision optics with short lead times.

Products and services:

- Forms: round and plane optics, large apertures up to hemisphere, difficult geometries (high aperture angle, sharp edges, thin components)
- Diameter range up to 200 mm
- Materials: all commonly used optical materials (visible, IR and UV)
- Process steps: grinding, polishing, centring / edge finishing, cementing, MRF finishing / correction, coating
- Form accuracy: up to $\lambda/40$ PV
- Measuring equipment: full-aperture interferometric measurements up to 280 mm diameter
- Centring accuracy: 20 arc seconds (more accurate values on request), special forms, bevels)
- Other services: rapid prototype production at fair prices, dome production, MRF correction service, SSI testing service, specimen lenses / test glasses – production and certification

Fields of application

- Industrial and special technology
- Medical technology
- Astronomy
- Semiconductor industry

R&D topics / specific strengths

- Ultraprecision optics

Specifics

Highly modern machinery, a correction system comprising a Q22 MRF installation + an SSI stitching interferometer, short lead times



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