

Customized Optical Systems

from concept to serial production



With 60 years of experience, FISBA is your partner for customized optical systems from project ideas to serial manufacturing. We support customers in defining optical specifications for their unique systems.

Technical Data

- Wavelength range from UV to SWIR
- Diameter: 0.7 mm – 250 mm
larger dimensions on request
- Extensive production capabilities, including grinding and polishing of lens elements, molding of aspheres, coatings and precision centering, active alignment for semi-automated or automated assembling processes
- Metrology capabilities including MTF measurement - 20 °C to + 60 °C

FISBA Capabilities

- Optical, mechanical and electronic interface design
- Supporting our customers in defining optical specifications
- Experience encompasses vision systems, imaging systems such as assemblies for low light cameras, optical systems for microscopes, optical systems for lasers and illumination systems (athermalized and apochromatic imaging systems)

Your Benefits

- Short time to market
- Strict OEM approach
- Focus on your particular field of application

Industries & Applications

- Life Sciences
- Aerospace & Defense
- Astro & Space
- Machine Vision