

# 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
- Astro & Space
- Defense & Security
- Machine Vision