

Expertise in Alignment Turning

Precision Centering of Optical Components

Our Capabilities

- Design and assembly for high precision and centered microscope lenses
- Precision alignment of mechanics with the optical axis and apex of the lens element
- Decenter of alignment turned elements $< 2 \mu\text{m}$
- Diameter range 1 to 60 mm (extreme values: $\varnothing 0.5 - 270 \text{ mm}$)
- High-end metrology instrumentation for lens production and verification

Applications

- Microscope lenses for laser-coupling and fluorescence detection
- Interferometric precision measurement lenses
- Lenses for harsh environment for increased long-term stability
- Miniaturized lens-setups where centration is the key
- Low light imaging systems requiring high NA (Numerical Aperture)

Your Benefit

- High performance optical assemblies production with scalable and high yield output

