

# 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:  $\text{Ø}0.5\text{--}270\ \text{mm}$ )
- 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-sets 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

