



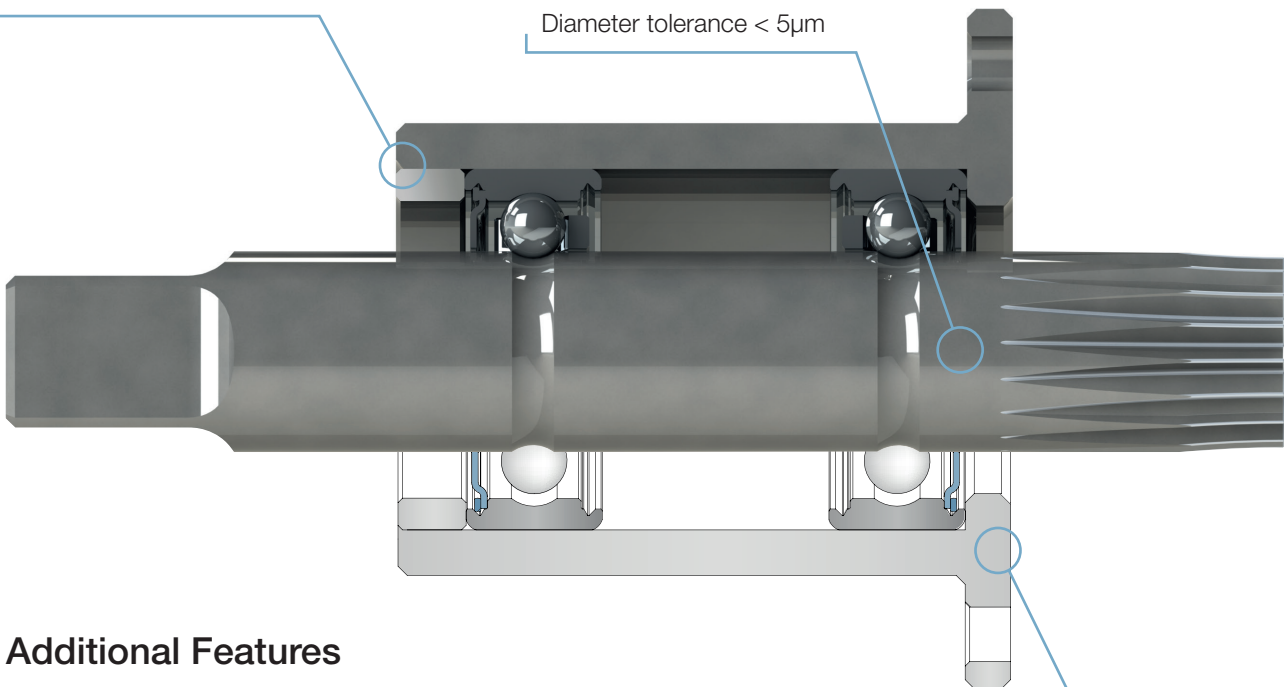
Manufacturing Capabilities – Example Integrated Shaft Assembly

Assembly

Laserwelding with preload
Small preload possible $< 1\text{N}$

Shaft

Raceway integrated shaft
Roundness tolerance $< 1\mu\text{m}$
Diameter tolerance $< 5\mu\text{m}$



Additional Features

- Various housing geometries possible
- Preload for entire systems optimized
- Reduced space requirements
- Bearing play customizable to requirements
- Component interfaces optimized
- Cleanroom assembly capable
- Burr-free

Housing:

Roundness tolerance $< 2\mu\text{m}$
Diameter tolerance $< 5\mu\text{m}$