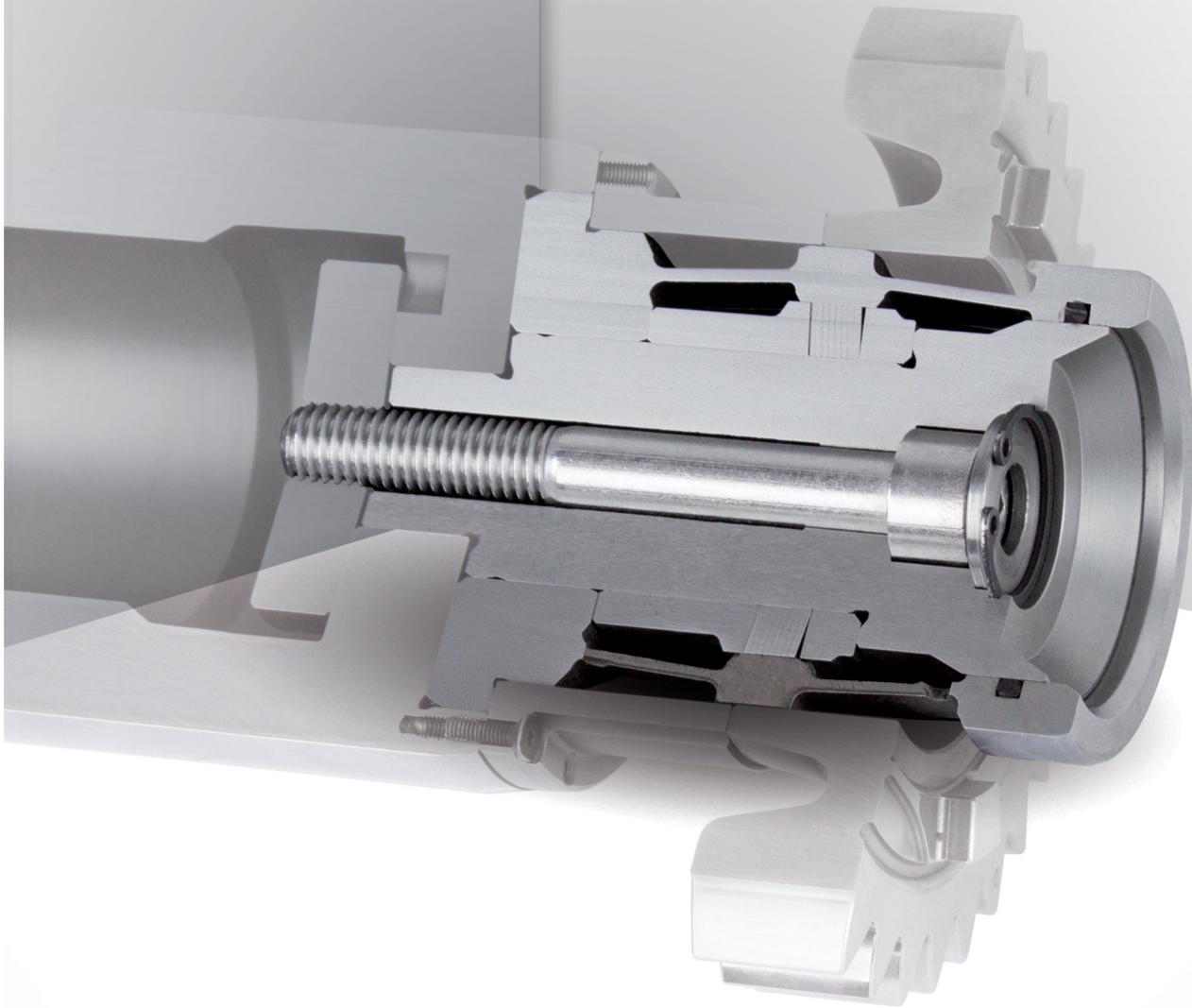


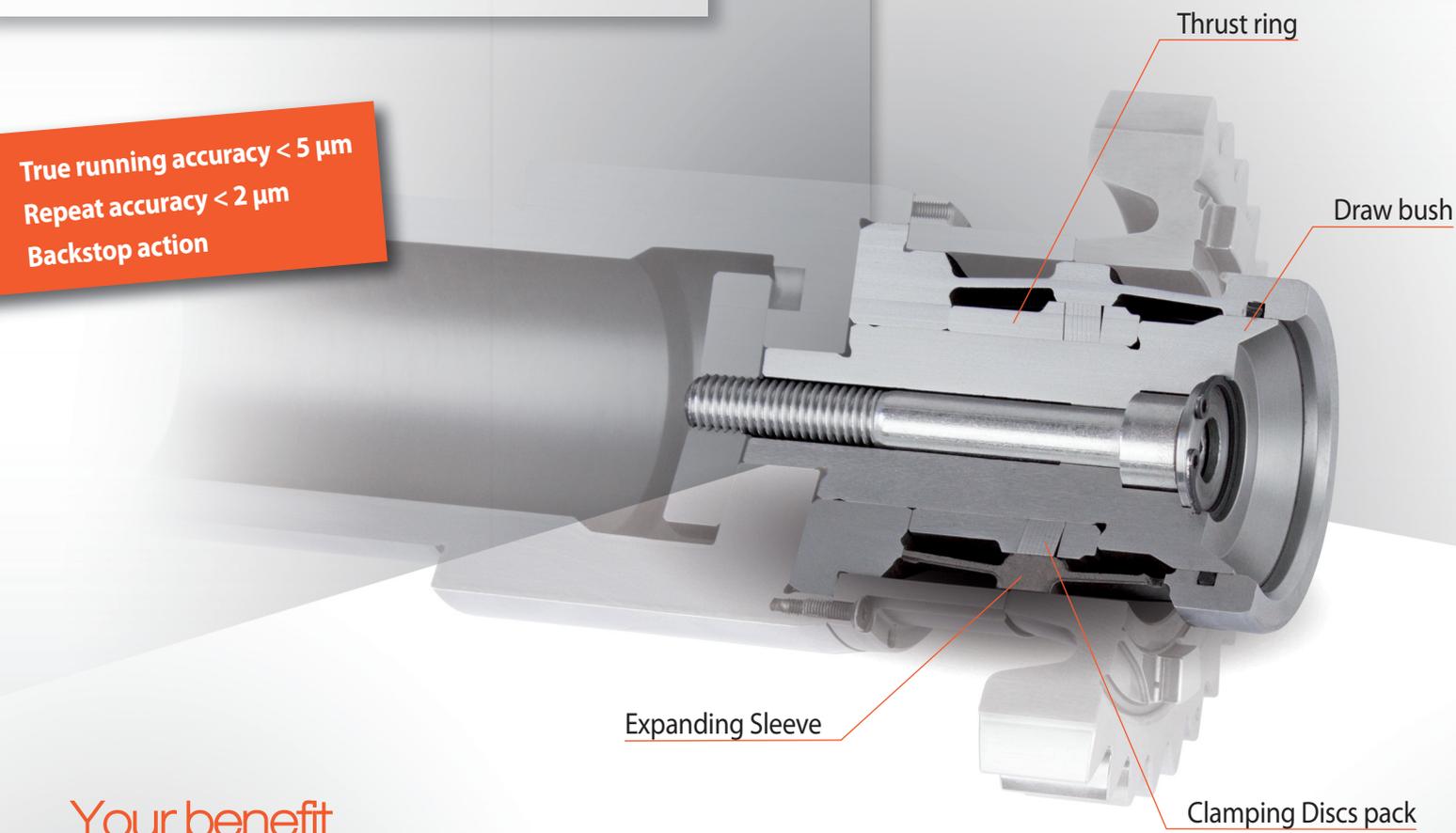
RINGSPANN®

Expanding Sleeve Mandrel HDDS



Expanding Sleeve Mandrel HDDS

True running accuracy < 5 μm
Repeat accuracy < 2 μm
Backstop action



Your benefit

- >> 4 time higher expanding rate compare to hydraulic expanding technology
- >> High precise component orientation
- >> Very short clamping length
 - >> Clamping on interrupted clamping surfaces
 - >> For power and hand-actuating