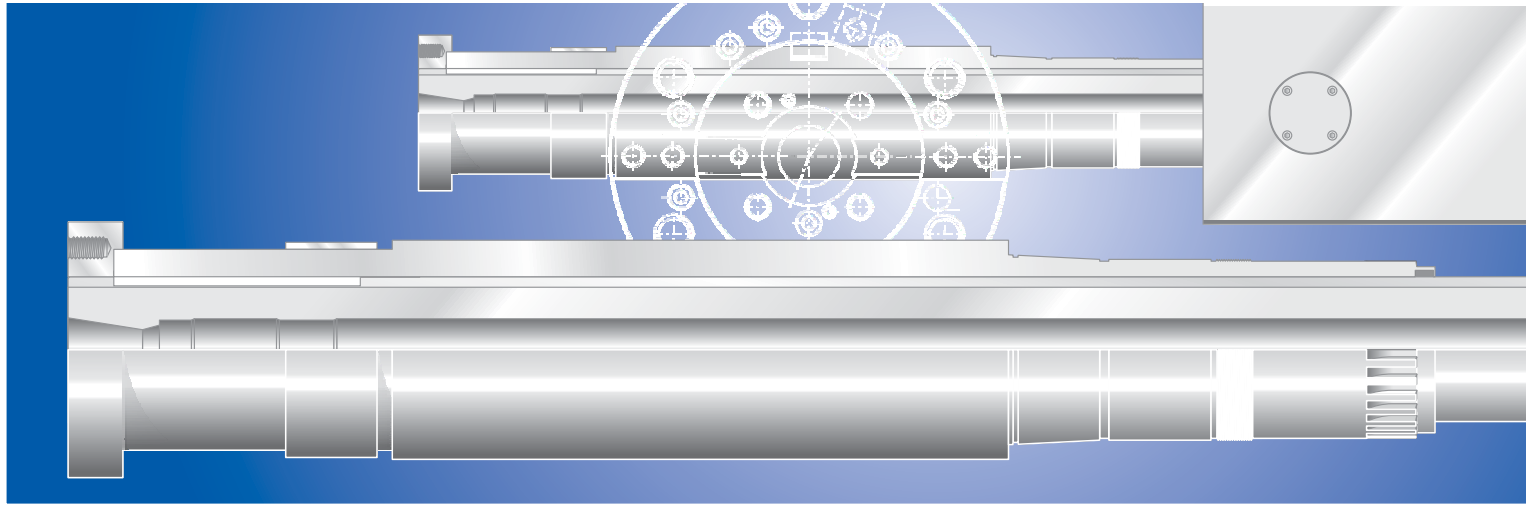


Technology setting standards for best boring mill dynamics

Boring Spindle Assemblies + Quills



- **Quite running**
by most accurate production –
balancing quality G1 number of
rotation up to 5,000 min⁻¹
- **Long service life**
by using special nitriding steel,
deep-nitrided with surface hard-
ness $\geq 900 \text{ HV} = 67 \text{ HRC}$,
precisely ground all over
- **Stability and damping**
boring spindle and hollow spindle
paired to lubrication film thickness
of 4–5 μm fitting over the whole
length of the hollow spindle
- **Quills**
quills up to 5,000 mm length with
ground supporting and bearing
areas inside in a depth up to
2,500 mm, with 3 μm accuracy
of roundness, cylindricity and
concentricity
- **Robust**
against fretting corrosion and
“heat scuffing” due to decades
of know how
- **Completely mounted**
with all accessory parts

Examples

Boring spindle

Ø 160 x 3,650 mm
Ø 200 x 3,590 mm
Ø 260 x 4,790 mm

Hollow spindle

Ø 262 x 2,008 mm
Ø 342 x 2,000 mm
Ø 400 x 2,835 mm

**We assist you to optimize your design
under functionality and production aspects.**