



## OUR NEW TURNED PARTS PRODUCTION

Whether you need guide elements in special dimensions or complete components for toolmaking and mechanical engineering we are now making our expertise available to you on site. Rely on our expertise for the precise production of turned parts according to your drawings, CAD data or samples.

### TURNING AND MILLING CENTER Mazak Integrex i-350 H ST



- ▶ Multi-function machine
- ▶ External and internal turning, milling, drilling
- ▶ Ø 12-250 mm
- ▶ Machining length up to 1.500 mm

#### YOUR ADVANTAGES

- ✓ Single clamping for complex turned- and milled parts by counter spindle
- ✓ Optimised runtime thanks to automation system and robot loading
- ✓ Reduction of set-up costs by lower turret with 12 stations for driven tools and additional magazine for 38 tools, which can be loaded from the front and rear

## HARDTURNING – GRINDING MACHINE

### Hembrug MicroTurnGrind 1000

Precise finishing of tool- and machine components due to one-time machine concept in one clamping.

- ▶ Circular grinding
- ▶ External and internal grinding, hard turning
- ▶ Free turning: from Ø 13-150 mm up to 50 kg
- ▶ Between centers: from Ø 20-200 mm up to 100 kg
- ▶ Machining length: up to 800 mm
- ▶ Roughness grinding: > Rz 0,4
- ▶ Roughness hard turning: > Rz 1,5-2,0

## YOUR ADVANTAGES

- ✓ Roundness tolerance  $\leq 0,5 \mu\text{m}$
- ✓ Production of complex workpieces
- ✓ Hard turning and partial grinding process
- ✓ Outer- and inner diameters can be processed
- ✓ High-precision machining within tolerance  $< 2 \mu\text{m}$

You can't find your item?  
Then please contact us.

We will be happy to help you!

### Team special machining

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