

## INDUSTRY NEWS



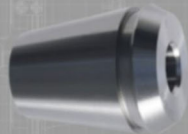
# bilz

## ThermoGrip® Collets

Collets to DIN 6499



**ThermoGrip® TER**  
improve productivity  
by 300%



**Using high efficiency to reduce production costs - TER to DIN 6499 makes it possible!**

**Increase productivity in a short period of time.**

*High-speed machining*

- High transmittable torque
- Stable clamping
- Maximum holding forces
- Ultra-precise, quick tool changes (<30s)

**Machine longer due to less wear.**

*Increase tool life for cutting tools up to 300%*

- High stability of the system
- Minimum load from axial forces
- Precise clamping means less damage
- Resistant to debris (sealed monoblock)

**High quality machining for top results.**

*High precision and process-secure*

- Excellent run-out properties, <3  $\mu\text{m}$
- High repeatability due to precise clamping

See below for a link to the brochure!

### A PERFECT FIT!

With the development of the patented TER shrink collet, Bilz has been able to revolutionize the use of collets and collet chucks in the production process.

### A USING TER MEANS PROFITING FROM THE ADVANTAGES OF COLLET SHRINKING.

- Run-out <3  $\mu\text{m}$  at 3 x D (diameter)
- Maximum holding forces
- Rigidity
- Low-wear monoblock properties without the need to replace existing collet chucks or spindles.

The short and extremely stable tool clamping with TER achieves a run-out of <3  $\mu\text{m}$ . Tool life is considerably improved due to the precise guidance of the tool and ultra-precise change accuracy. Your length adjustment is maintained even after many cycles with optimum results.

### IMPROVE MANUFACTURING WITHOUT CHANGING PRODUCTION PROCESSES!

**No need to retool . . .**

- Existing collet chucks can still be used
- Universal toolholder for all sizes
- Sealing disc is no longer required – cost and logistics savings

