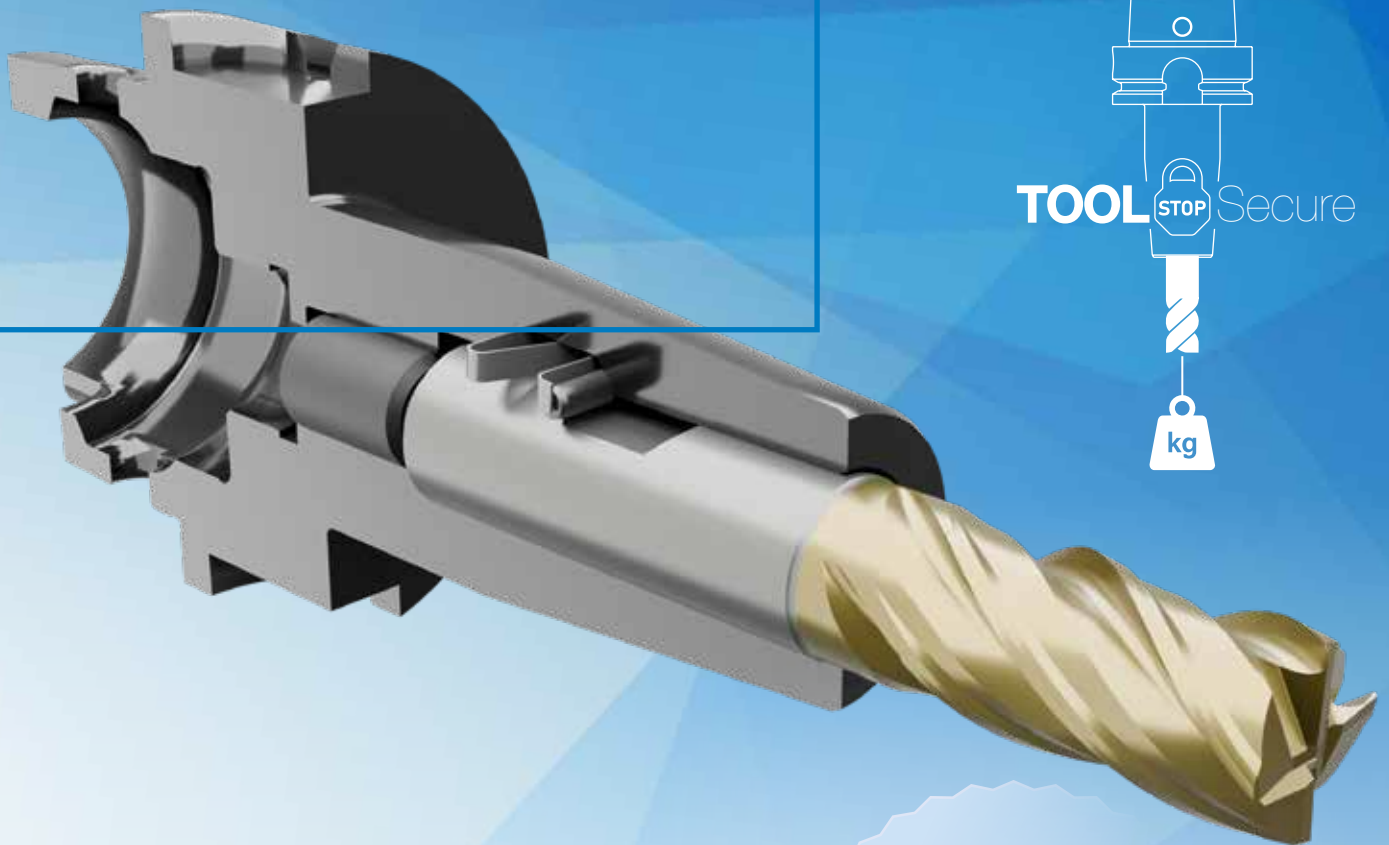


## ThermoGrip®

**TOOL**  **Secure**

**100% Pull-Out Protection for  
Your Milling Tools**



**TOOL**  **Secure**



General  
Engineering



Die and Mould



Making  
Renewable  
Energies



Energies  
Aerospace



Ship and  
Propeller  
Construction

Our solution for:

- Trochoidal milling
- Heavy-duty milling
- High-volume milling

The Bilz ThermoGrip® **TOOLSecure** is an option for shrink fit chuck with a clamping range of Ø 6–32 mm, developed specifically for maximum process reliability in demanding milling applications.

The integrated **mechanical pull-out protection** reliably prevents Cylindrical-shank milling Tool to DIN 1835-B – even under high axial loads.

Unlike many competing products, **TOOLSecure** allows the use of **standard milling Tool with a cylindrical shank in accordance with DIN 1835-B** (Weldon).

No special modification of the tools is required. At the same time, all the positive properties of the shrink fit chuck are fully retained.

**TOOL**  Secure


When the tool is shrunk in, the pin automatically engages in the Weldon flat of the tool.



#### Technical Features

- Clamping range: Ø 6–32 mm
- Mechanical pull-out protection for cutters with Weldon flats
- **100% protection** against pull-out under high axial force
- No impairment of concentricity properties
- For full flexibility, cutters with cylindrical shanks without Weldon flats can also be clamped.

#### Retrofit-capable for:

- Standard shrink fit chucks ThermoGrip® T
- Shrink fit chucks ThermoGrip® Bionics TB