

One shrink fit chuck for all diameters!

TMG-MultiGrip can clamp tool shanks of almost any diameter with one and the same shrink chuck. In this way, the entire production requirement can be covered cost-effectively. The flexibility of basic holder can be used to cover the entire production requirement.

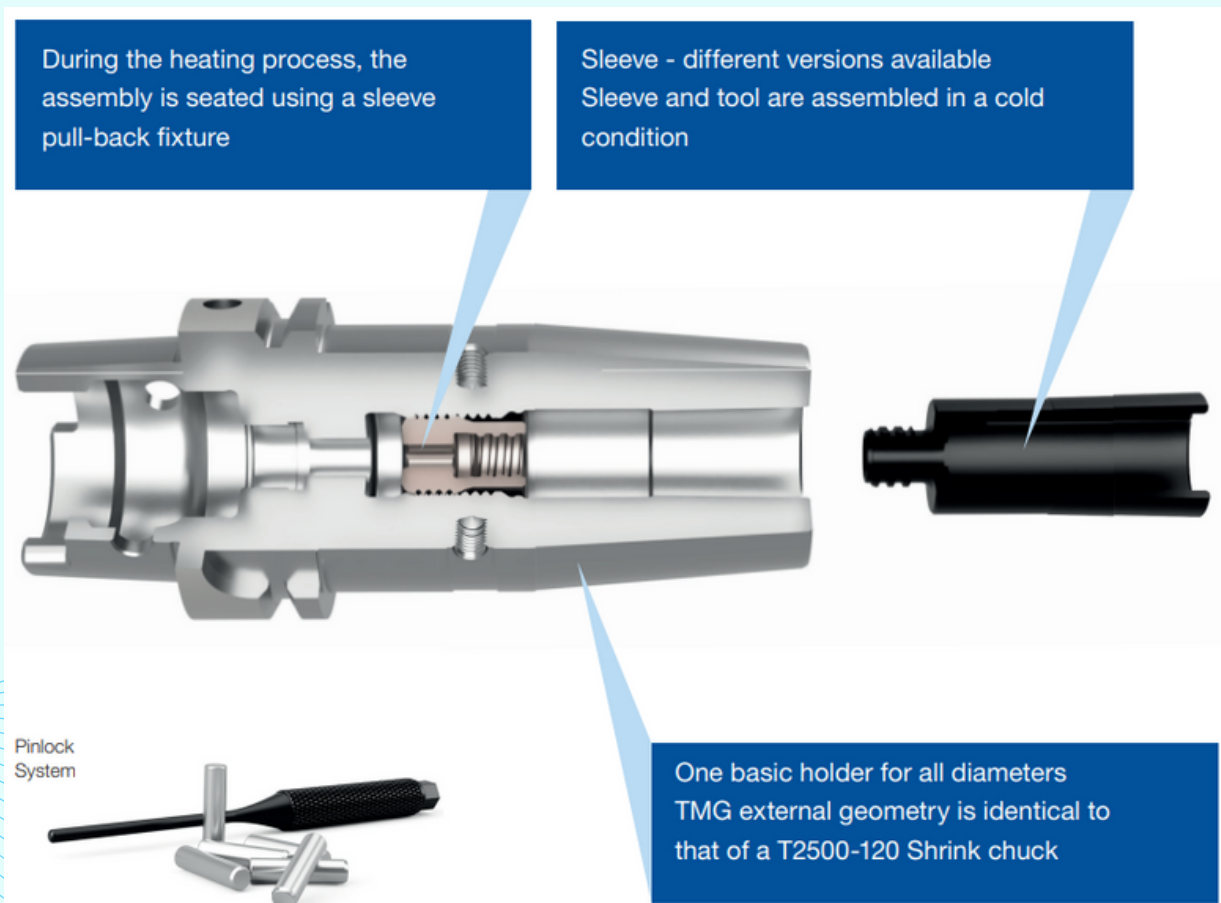
Features

- Constant maximum clamping forces
- Process-safe clamping of all shank tolerances from h4 to h9
- Anti pullout system for Weldon shanks
- Concentricity $\leq 3 \mu\text{m}$

Benefits

- Increased metal removal rate
- Excellent damping properties for better surfaces and better maintenance of tolerances
- One basic holder for all diameters

Extreme holding forces - Exceptional flexibility, high rigidity and optimized vibration damping characterize Bilz new TMG-Multigrip

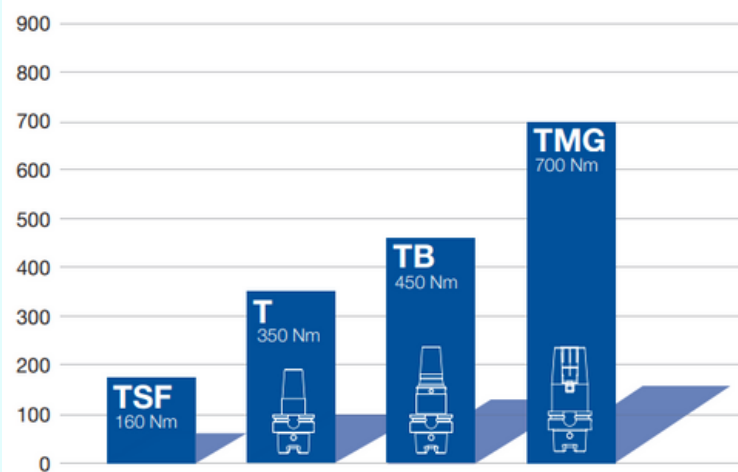


The new Bilz TMG clamping system combines the strengths of shrink clamping technology with the flexibility of collet solutions! The system consists of basic holders and specially coated collets.

Shank tools (HSS) from 3 to 32 mm can be clamped with previously unattained clamping forces, e.g. more than 950 Nm with Ø 20 mm tool shank (with automated shrinking with our ISG 3460).

Safe clamping and unclamping is carried out in a fully automatic or also manual process on their induction shrink machines from the ISG3XXX series. Both the shrinking process and the associated chucks are patent pending and only available from Bilz.

Diagram: Transmittable torque with 16 mm shaft diameter



ISG 3460

Professional and automated shrinking at a high level, including integrated pneumatic insertion device for ThermoGrip®-Multigrip chuck.



ISG3460WK4-11-WS-BIL	
Ident No.	5193799
Control panel	Touch display
Clamping range SC	Ø 3 – 50mm
Clamping range HSS	Ø 6 – 50mm
Coil	quick change system expandable up to Ø 50 mm (1) 4 pole discs
Max. tool length	680 mm at HSK-A63
Max. cooling length	300 mm at HSK-A63
Cooling type	Liquid cooling with drying, geometry independent
Cooling time / Liquid tank	20 s / 50 l
Max. machine interface	HSK-A100, SK 50
Power	11kW
Electric current supply	400 V / 16 A / 50 Hz
Air pressure	4 Bar
Dimensions (W x D x H)	800 x 560 x 1950 mm
Weight	154 kg