

For the first time GISS 3000 offers the operations shrink fitting, cooling, and high precision length pre-setting in one system. GISS 3000 is developed to shrink fit solid carbide tools (\varnothing 3...32 mm) and high speed tools (\varnothing 6...32) into Guhring shrink fit chucks using only one induction coil. This is possible thanks to a controlled energy supply, fast cooling, simple operation thanks to advanced software and for the first time integrated, highly accurate length pre-setting. GISS 3000 is especially suitable for the automated production in multi-spindle machines and transfer lines in the automotive industry, in the aerospace industry as well as in volume production.

The Advantages in brief:

- Clamping time: approximately 5 seconds
- Controlled, energy-saving heating of the shrink fit chuck
- No heating of taper
- Integrated, electronically controlled pre-setting
- Highly accurate length pre-setting to +/- 0.02 mm during the heating phase
- Tactile measuring system with glass measuring scale
- Concentrated cooling within 30 seconds
- Water-cooled, integrated cooling elements
- Optimal process parameters
- Simple operation thanks to advanced software
- Integrated PC interface (PC and GISS Parameter-Management optional)
- Integrated printer interface (label printer optional)
- Good mobility as well as workshop suitability
- Excellent cost-performance ratio

Induction shrink fit system with automatic length pre-setting

Rev. 12-1101 Page 2 of 2
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- Optimal health and safety features
- Special accessories available and possibility of adapting system to specific customer requirements

Product Information

- With axial adjustment pin
- Maximum setting dimension 450 mm
- Adjustment stroke 20 mm

Scope of delivery

- Includes cooling unit
- Includes 1 cooling adapter set (5 adapters for shank-Ø 6 up to 32 mm)
- Includes induction coil
- Includes limit stop collars for measuring arm
- Includes limit stop collars for induction coil
- Includes 1 pair of protective gloves
- Includes 1 water-cooled tool depository

TAC Rockford Product Line

Machine Tool Gauges, Tool Changer Alignment, Runout Test Arbors, Workholding Systems, Tool Holders, Adapters and Extensions, Tool Holder Blanks, Machine Tool Accessories, Coolant Tubes and Gauges, Heat Shrink Systems, Rapid Prototyping

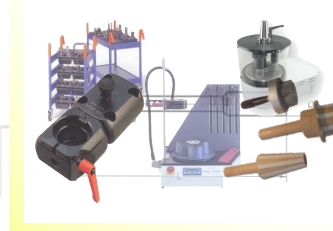
Tool Holders



Gauges



Accessories



Rapid Prototyping

