

Shrink fitting, pre-setting, and measuring

Rev. 12-1101 Page 1 of 2
Uncontrolled Document



Pre-setting, shrink fitting, and measuring, all possible with one system, the GISS 2500 shrink fit system. In addition to tool pre-setting and induction shrink fitting, it is capable of also measuring the shrink fitting tools thanks to an optical measuring unit and intelligent software.

Furthermore, the GISS 2500 shrink fit system offers the following advantages:

- Flexibility – the system can either be used as standard tool pre-setting and measuring facility or as a stand-alone facility for shrink fitting tools for insertion or withdrawal.
- High economic efficiency thanks to universal application as pre-setting, shrink fitting, and measuring facility.
- Consistent and excellent results thanks to precise and automatic length pre-adjustment of tools to +/- 20 microns.
- Ahead of the competition thanks to high level quality assurance.
- Motivated personnel thanks to an ultra modern, ergonomic and absolutely safe work station.

Thanks to the numerous options available for the system's measuring facility, software and technology features etc., the GISS 2500 shrink fit system can be specifically adapted to individual customer requirements. Contact us for more information.

Equipment:

- "Saturn Set" image processing
- 13 kW induction shrink fit system

Shrink fitting, pre-setting, and measuring

Rev. 12-1101 Page 2 of 2
Uncontrolled Document



- Automatic zero point monitoring
- ISO/50 tool holder (other ISO taper and HSK adaptation optional)
- Manual length stop system
- Water cooling system
- 12.1" TFT color display with touchscreen
- Cabinet, label printer (optional)

Technical Data:

- Measuring range, longitudinal: 400 mm
- Measuring diameter: 240 mm
- Repeat accuracy: +/- 0.003 mm
- Pre-setting accuracy: 3 microns
- Length accuracy (shrink fitting): +/- 0.020 mm
- Display accuracy: 0.001 mm
- Concentricity: 0.005 mm

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

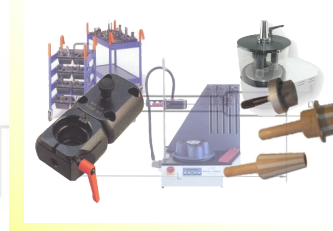
Tool Holders



Gauges



Accessories



Rapid Prototyping

