

GUHRING

GSS

2000



Induction Shrink Fit Systems

GUHRING - YOUR WORLD-WIDE PARTNER

GSS

2000

Work easily, quickly and efficiently ...

The advantages of shrink fit technology:

Perfect 360° tool clamping provides extreme clamping force and rigidity

High repeatability, hence reduced operating errors

Minimal imbalance thanks to rotational symmetry

Excellent concentricity

Reduced components, therefore lower costs for purchasing, storage and administration

You benefit from:

High economical efficiency

Longer tool life

Considerable time saving

... with each application!



Safe shrink fitting

The minimal heating of the shrink fit chuck ensures **maximum operating safety** on the one hand, on the other the controlled heating ensures the **long life** of the shrink fit chuck.



The control panel

The clear control panel with display makes the operation of the GSS 2000 **very user-friendly**.

Simple operation

The movement of the spindle and its heating is a single handed operation. **Tool clamping cannot be simpler and quicker!**

Quick cooling

The water-cooled cooling elements cool down the shrink fit chuck quickly and safely. The shrink fit chuck remains clean and dry, **so that it can be applied again without drying and without rusting.** Hot spots remain safely screened during the cooling process in order to prevent burns.

Efficient operation

The turntable allows simultaneous preparation, heating and cooling of the shrink fit chucks. **Subsequently, there is no waiting time, tool clamping is seamless and with maximum efficiency.**

All under control

Practical locations and compartments provide room for accessories such as stop discs or gloves in close proximity to the equipment. **Thus all the necessary components are always at hand.**



Comfort *Plus*

GSS
2000

With turntable.

The GSS 2000 Comfort Plus is the complete solution for simple, quick and secure tool clamping in the shrink fit chuck.

Three station system

At three positions you can simultaneously prepare, heat and cool – i.e. continuously clamp or unclamp tools. This gives your production maximum flexibility and efficiency, saving time and money.



Put an end to complex tool clamping and adjustment.
With GSS 2000 you can clamp your tools easily, quickly and securely.

Benefit from the advantages of GSS 2000:

- > **high-performance spindle**, hence quick change time
- > **overheating protection** for holder
- > **automatic mode** possible (equipment automatically selects the correct heating program)
- > **error detection** choosing wrong chuck/program
- > **heating programs** for standard/reinforced and very small holder/shrink fit extensions
- > **maximum rigidity**
- > **highest cutting rates**



Eco plus

Single
station
alternative

Full performance

The GSS 2000 Eco Plus is a single-position system that provides the full induction and cooling performance of a professional system at a reasonable cost.

It is ideal as either an entry-level model that any time can be extended up to the equipment features of the Comfort Plus or used as a second or third system in your production.

GSS
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Basic

*For
new starters
without cooling*

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2000

Reduced to the essentials

For newcomers to the shrink fit technology the GSS 2000 offers all necessary equipment features for clamping or unclamping tools, but dispenses with the cooling.





1) Swivel tray

The practical swivel tray can be directly located within the GSS 2000 to accommodate the most important accessories.

ACCESSORIES

2) Trolley

The sturdy trolley provides the GSS 2000 with secure positioning and location for the SpeedCooler. The spacious drawer of the trolley provides additional room for further accessories. As a result, everything is in its place.



3

GSS
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3) Pliers

For the safe handling of hot tools.

THERMO SECURE GOLD 3000

Perfect combination:

GSS 2000 + TSG 3000

perfect concentricity
highest balance
maximum operational safety



Enquiry for GSS 2000

Comfort *Plus*

GSS
2000

Basic unit and accessories

Test our Comfort Plus for 4 weeks free of charge

- GSS 2000 Comfort-Plus**
4742 10.000
- System trolley**
4748 1.000
- Pliers**
4749 1.000
- Swivel trays**
4763 1.000

appropriate holders

HSK holders

- HSK 32**
4745 32.000
- HSK 40**
4745 40.000
- HSK 50**
4745 50.000
- HSK 63**
4745 63.000
- HSK 80**
4745 80.000
- HSK 100**
4745 100.000

SK holders

- SK 40**
4744 40.000
- SK 50**
4744 50.000

Are tool diameters 3-5 mm applied?

Company: _____

Company stamp:

Telephone/fax: _____

Contact name: _____

Signature: _____

Basic unit and accessories

- | | |
|---|--|
| <input type="checkbox"/> GSS 2000 Eco Plus
4752 10.000 | <input type="checkbox"/> GSS 2000 Basic
4730 10.000 |
| <input type="checkbox"/> System trolley
4748 1.000 | |
| <input type="checkbox"/> Pliers
4749 1.000 | |
| <input type="checkbox"/> Swivel trays
4763 1.000 | |

appropriate holders

HSK holders

- HSK 32**
4761 32.000
- HSK 40**
4761 40.000
- HSK 50**
4761 50.000
- HSK 63**
4761 63.000
- HSK 80**
4761 80.000
- HSK 100**
4761 100.000

SK holders

- SK 40**
4762 40.000
- SK 50**
4762 50.000

Are tool diameters 3-5 mm applied?

Company: _____

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DRILLING

TAPPING/THREAD MILLING/
FLUTELESS TAPPING

MILLING

REAMING

PCD



SPECIAL TOOLING
SOLUTIONS

COUNTERSINKING/
DE-BURRING

MODULAR TOOLING
SYSTEMS

TOOL RESTORATION SERVICE

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Gühring oHG

Postfach 100247 • 72423 Albstadt
Herderstraße 50-54 • 72458 Albstadt

Tel. +49 74 31 17-0
Fax +49 74 31 17-21279
info@guehring.de
www.guehring.de

Your contact:

Mathias Hirt

Product Manager Shrink Fit Systems

Tel. +49 74 31 17-25 028
Fax +49 74 31 17-25 666
mathias.hirt@guehring.de