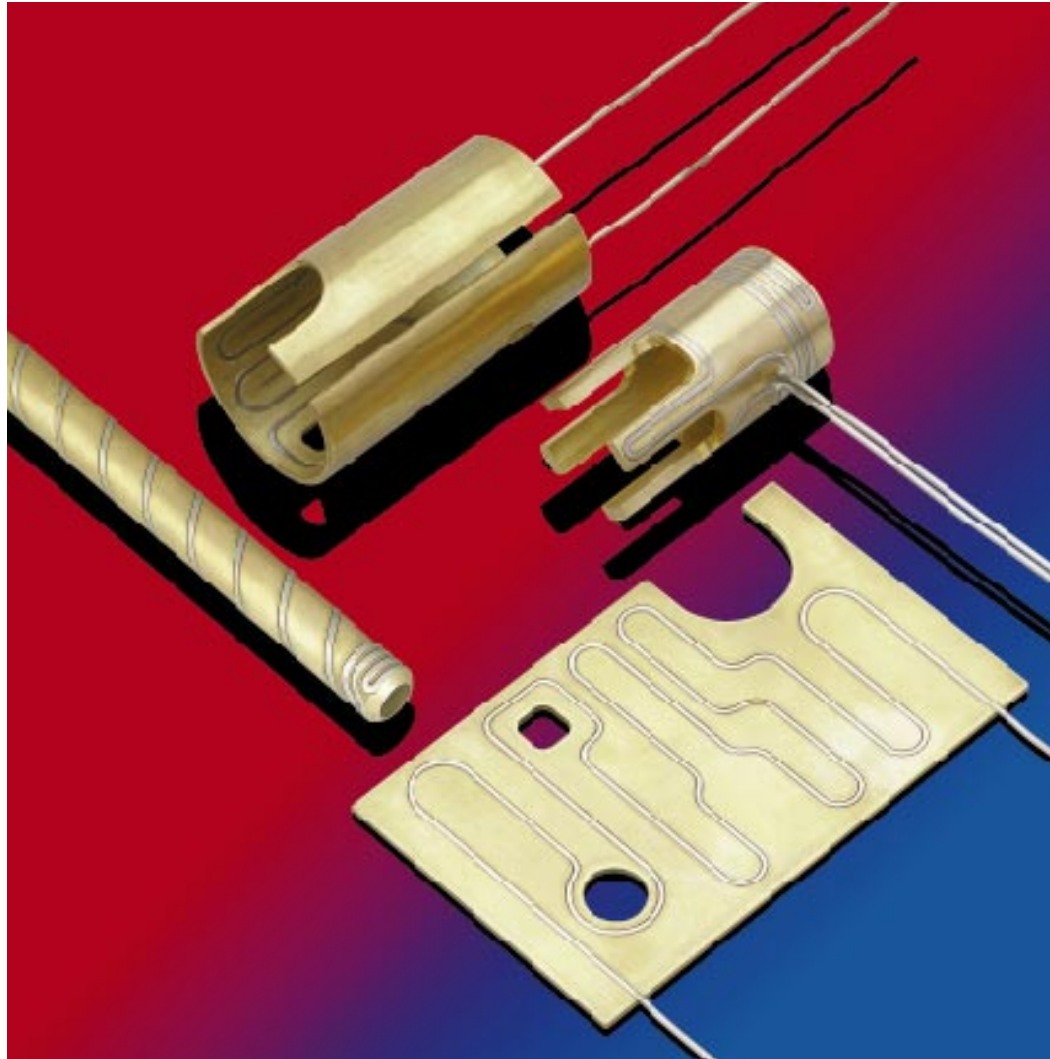
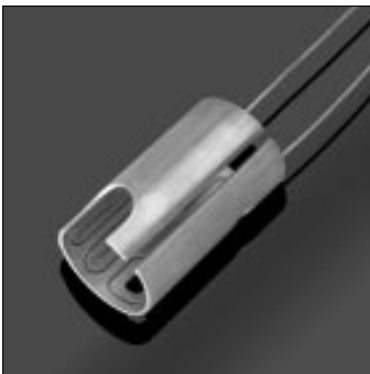




hotslot®



hotslot® — Freedom for the Construction



The hotslot® new from **hotset** is based on the well tried principle of the coil heaters type WRP, inserted in a machined slot which can almost have any shape or course. Due to its numerous option variants, the hotslot® can be used for large heating tasks, e.g. flat plate heaters, down to small tools with limited space.

Due to the virtual free choice of shape and form of the heaters' course coupled with wattage distribution in the heater, the hotslot® offers an even temperature spread over the tool depending on application conditions. Cut-outs and holes can be considered and wattage distribution can be reproduced if required.

Various carrying material and shape of the hotslot® can be chosen considering the thermal characteristics and the application; e.g. brass due to its good heat conductivity and ease of machining is a good choice for most heating tasks. The minimum required wall thickness of the carrying material is only 2.0 mm. Position of lead connections can be made to customers' requirements where technically possible. Thus, the hotslot® offers a wide range of possibilities in construction and toolmaking.

hotslot® — Technical Data

Technical Data

(depending on inserted WRP)

- wall thickness min. 2.0 mm
- bending radius of inserted heating element min. 3.0 mm
- surface load max. 15 W/cm²
- heating temperature max. 650 °C
- connection voltage max. 250 V
- wattage tolerance ± 10%
- high voltage stability (cold) min. 800 V-AC
- insulation resistance (cold) ≥ 5 MOhm at 500 V-DC
- leakage current (cold) ≤ 0.5 mA at 253 V-AC

Variable Data

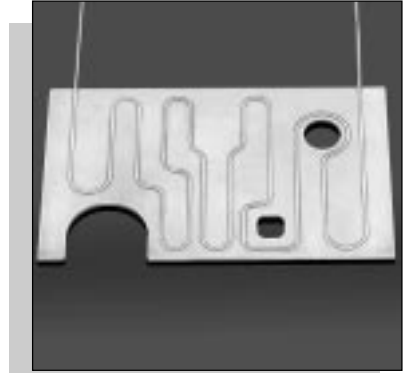
(depending on inserted WRP)

- dimensions
- wall thickness (min. 2.0 mm)
- wattage distribution due to the course of the slot (considering the min. bending radius)
- any holes or cut-outs possible
- wattage
- voltage (12 - 250 V)
- position, length and option of the connection
- type and position of a thermocouple

hotslot® — Option Variants

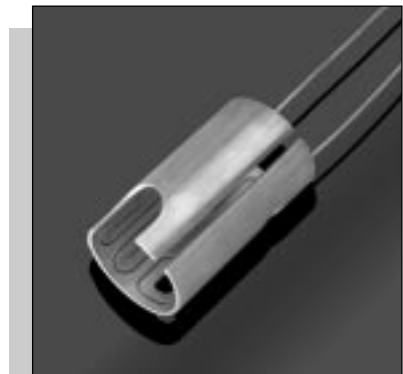
Flat Heating

- Heating element inserted into a carrying plate with a wall thickness of min. 2.0 mm;
- any wattage distribution possible considering the min. bending radius of 3.0 mm;
- with holes and cut-outs of any shape and position;
- application temperature up to 650° C at small installation dimensions.



Nozzle Heating with inner Heating Element

- Heating element inserted into a bent carrying plate with a wall thickness of min. 2.0 mm;
- contour-precise heat transfer due to inner heating element with any wattage distribution possible (considering the min. bending radius of 3.0 mm), which can be reproduced at any time;
- with holes and cut-outs of any shape and position.



Nozzle Heating with bridge-shaped Wattage Distribution towards Head

- Heating element inserted into a lathe part of any shape;
- any wattage distribution possible considering the min. bending radius of 3.0 mm;
- with leave openings and bores of any shape and position;
- position and type of exit as well as connections can be chosen.



The Solution to *Your* Heating Task

- The hotslot® offers completely new possibilities for construction and toolmaking.
- Give us your heating task and develop *your* hotslot® together with us.
- *Your* hotslot®:
"Freedom for the toolmaking ..."



hotset — in Germany and 30 other countries all over the world:



- | | | |
|------------------|---------------|----------------|
| ● Argentina | ● India | ● Singapore |
| ● Australia | ● Israel | ● South Africa |
| ● Austria | ● Italy | ● Spain |
| ● Belgium | ● Japan | ● Sweden |
| ● Brazil | ● Korea | ● Switzerland |
| ● Czech Republic | ● Netherlands | ● Taiwan |
| ● Denmark | ● New Zealand | ● Turkey |
| ● Finland | ● Poland | ● USA |
| ● France | ● Philippines | |
| ● Great Britain | ● Portugal | |
| ● Greece | | |
| ● Hongkong | | |