Pressed-in coil heater with user-defined groove profile
Reproducible power distribution
Minimal wall thickness for reduced clearances
Lowest power available in the middle of a nozzle
Brass as cylinder raw material
Same connection options as hotspring coil heaters

Technical key features
- hotslot cylinder material: brass
- Heater sheath material: stainless steel
- Lowest wall thickness: 1.5 mm
- Sheath temperature of heater: max. 450 °C / 840 °F
- Standard connection voltage: 230 V
- High voltage test*: 800 V AC
- Insulation resistance*: $\geq 5 \text{ MOhm at } 500 \text{ V DC}$
- Leakage current*: $< 0.5 \text{ mA at } 253 \text{ V AC}$
- Wattage tolerance: $\pm 10\%$
- Length tolerance: $\pm 0.5 \text{ mm}$
- Inner diameter tolerance: $+ 0.05 \text{ mm}$
- Length unheated zone of coiled heater: min. 25 mm
- Length tolerance of unheated zone: $\pm 5\%$, min. $\pm 15 \text{ mm}$

* tested at environmental temperature

Options
- H7 inner diameter tolerance available
- Surface thermocouple
- hotslot-cylinder with slot to insert a changeable thermocouple
- Various plate configurations with cut-outs or bores available
- Connection voltage from 12 V to 250 V
- Serpentine coil
- Individual length and wattage
Nozzle heater with power distribution

Stock range hotslot® Mini

<table>
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<tr>
<th>Item</th>
<th>Length L_a [mm]</th>
<th>Ø inner d [mm]</th>
<th>Ø outer L [mm]</th>
<th>Wattage P [W]</th>
<th>Power distribution</th>
<th>Bottom L [mm]</th>
<th>Head L [mm]</th>
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Dimensions products stock range hotslot® Mini

- L_{\text{uz head}} \text{min.} = 65^{10} \text{mm}
- L_{\text{uz head}} \text{max.} = 115^{25} \text{mm}
- d_{\text{head max}} = 5.5 \text{mm}
- d_{\text{removal bore}} = 3.2^{0.1} \text{mm}

Thermocouple: Type L (Fe-CuNi), Ø 1.0 mm (RD/BL), ungrounded

Connection: CU-Ni-lead (BK/WH), PTFE-isolated, 2000 mm, max 260°C / 500°F, braided metal sleeving

Please observe operating instructions and safety information! · Errors and technical changes reserved · www.hotset.com

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