

CERAMIC BAND HEATERS

Tailor-made heaters.

- Max. watt density over the surface of the heater: 9 W/cm^2 .
- Max. working temperature over the surface of the surface of the heater: 900°C , depending on working conditions.
- Diameter : 60 à 630 mm.
(min \varnothing : 80 mm, for tangential connection box with terminals.)

Heating height : 30 to 450 mm (multiple of 15 mm).

- Mini height is defined according to the chosen connection type.

Total height : heating height + 4 mm for the thickness of the clamping sheath folded over the edges.

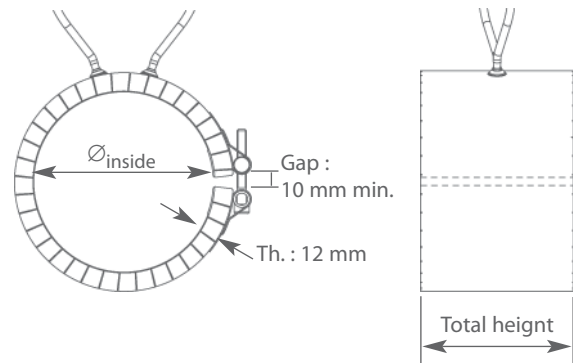
- Clamping sheath in aluminized steel, stainless steel or inconel, depending on the working temperature and surroundings.
- Electric insulation with steatite elements.
- Thermal insulation, located between the ceramic mat and the clamping sheath.
- Connection:
 - Without cap : wires, stud, terminals.
 - With cap : stud terminals, pins or braid.
 Directing of the cap : axial, radial or tangential direction. See the definition of the connection, p 10.
- Voltage: from 230 V single phase (standard) to 400 V three-phase, star or delta, according to the connection.
Max voltage : 500 V. Other voltage available. Please consult us.
- Clamping: barrel nuts or spring loaded screws (compensated clamping) for diameters over to 300 mm. See the definition of clamping variations, p 9.

- Products are in accordance with EN 60335-1
Wattage tolerance: +5% -10%



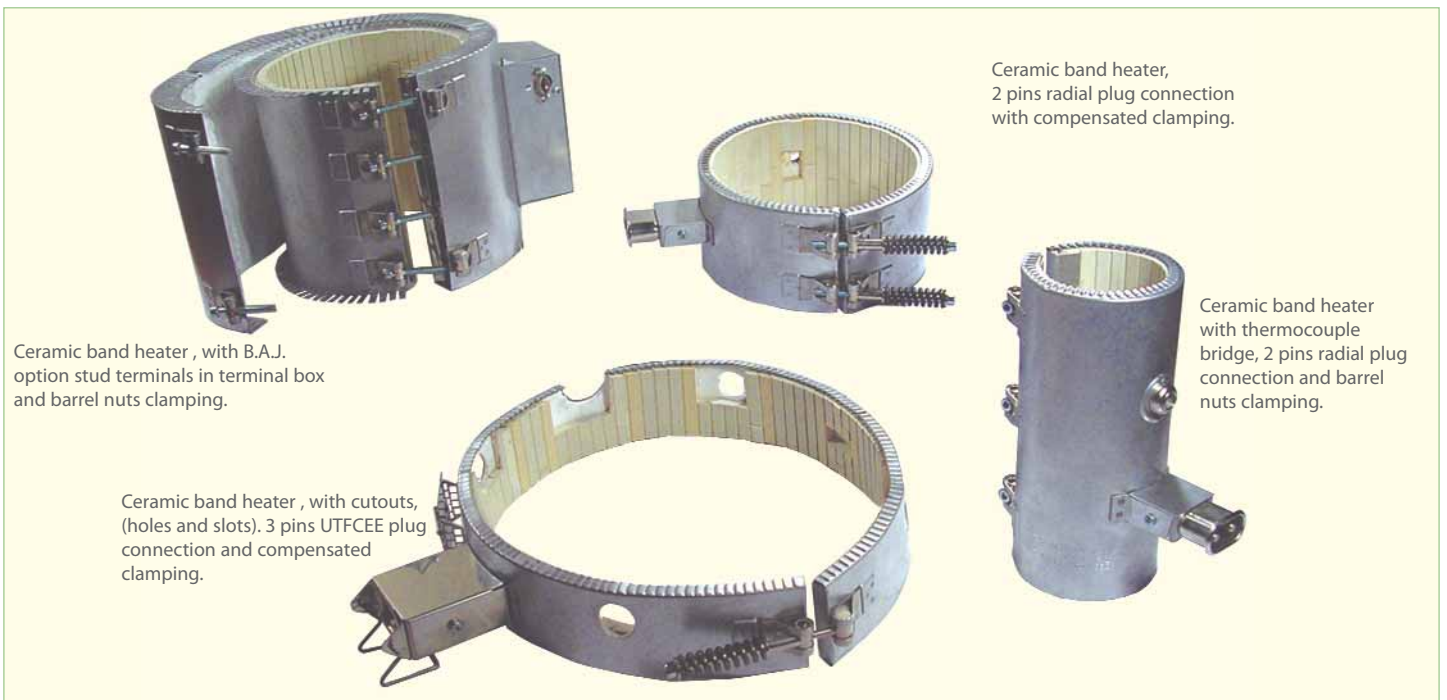
Ceramic band heater in stainless steel, with barrel nuts clamping

- Overall dimensions of a ceramic band heater.



Overall dimensions according the connection type. Sketch hereabove : leads termination.

- Products are in accordance with EN 60335-1
Leakage current $< 0.75 \text{ mA/kW}$
- Special manufactures :
 - Accessories and options, see p 12.
 - How to define a special band heater, see p 18.



Ceramic band heater , with B.A.J. option stud terminals in terminal box and barrel nuts clamping.

Ceramic band heater , with cutouts, (holes and slots). 3 pins UTFCEE plug connection and compensated clamping.

Ceramic band heater, 2 pins radial plug connection with compensated clamping.

Ceramic band heater with thermocouple bridge, 2 pins radial plug connection and barrel nuts clamping.