

COIL AND CASTING Heaters

Applications: Hot runner molds, sprue brush, nozzle, pipe forming

Technical Specifications

■ Sheath Material	SS304 & SS316L
■ Maximum Operating Temperature	700°C (1300°F)
■ Insulation Material	High Purity MgO
■ Heating Elements	NiCr 80:20
■ In-built Thermocouple	"J" type (FE, K) / "K" type (Cr Al)
■ Connecting Wires	Stranded Bickel wires with PTFE coating
■ Different types of Termination Exits	Tangential, Radial & Axial
■ Voltage Range	Max.: 250V, Standard: 230 V
■ Power tolerance	± 10%
■ High Voltage Strength	Min. B00V-AC
■ Insulation Resistance	≥ 5Ω
■ Current Leakage	≥ 0.5mA



FEATURES

- A very wide contact surface results in exceptionally high levels of thermal conductivity towards the body that needs to be heated
- Optimal insulation results in a very long life duration
- Heavy-duty construction results in very high resistance to mechanical shocks
- Optional built-in thermocouple for high-resolution temperature measuring (J-type standard; K-type on request)
- Heaters can be incorporated into brass or aluminum castings
- Wide range of straight standard heaters normally in stock, ready for coiling/shaping; Cross section available: 3mmx3.3mm and 2.2mm x 4mm. Other options are available as per requirement