

# CARTRIDGE HEATERS

## Description:

KST's high watt density cartridge heaters are designed and fabricated based on numerous years of experience in the heating industry. The heaters reliability and durability are proven by their users' satisfaction in the various types of industries.

Resistance wire grade NiCr 80:20 is evenly wound over a supporting core which is centrally located in a SS304 tube and the inner space is filled with specially selected high purity magnesium oxide. This assembled unit is then highly compressed, converting the core, powder and conductor into a homogenous mass. The bottom end of the heater is welded with a disc washer to prevent any contamination or moisture. The cartridge heater is finally grinded down to the exact requested diameter.

## Applications:

- Plastic Extruders
- Hot Runner Molds
- Plastic Injection Molding
- Packaging Machines
- Constant heat sealer/cutter
- Molds & Dies
- Food Processing
- Medical Equipment
- Hot Stamping

## How to Order?

Please provide the following information:

- Heater Outer Diameter & Length
- Voltage and Wattage
- Selection of termination, wire type & length
- Specify type of built-in Thermocouple (J or K) if applicable
- Drawing or sample of heater may be necessary for any special requirements

