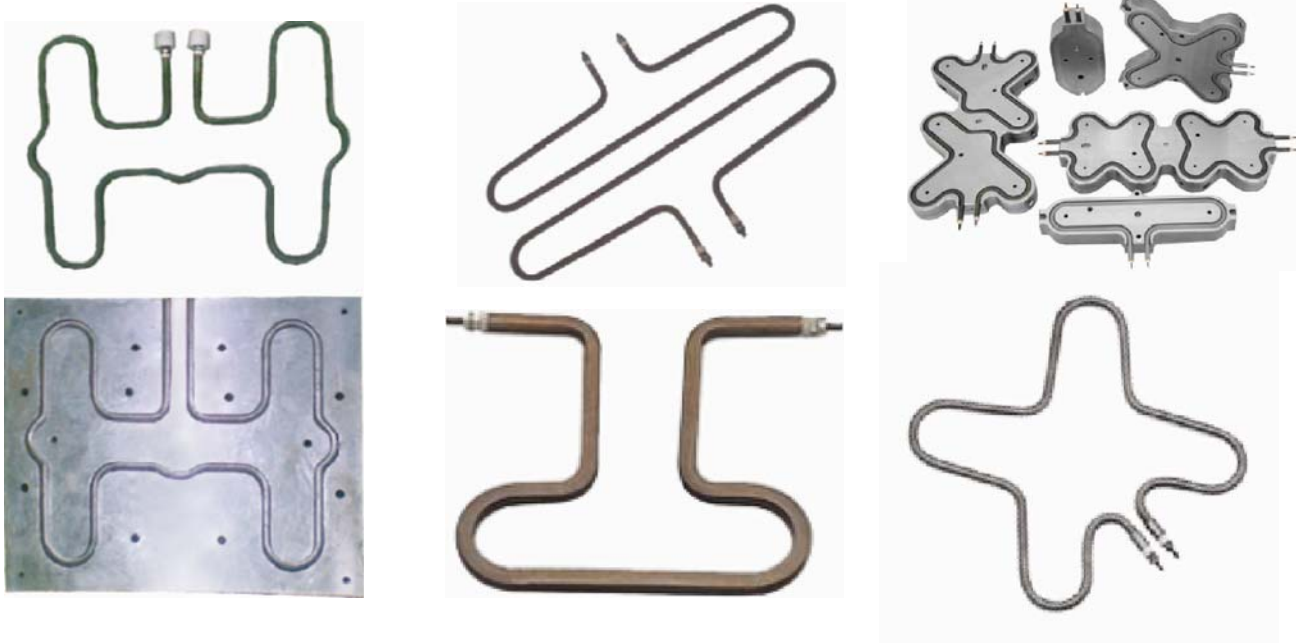


# Tubular Heaters for Hot Runner Manifolds

## MANIFOLD TUBULAR HEATERS



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- ▶ Mould Tubular Heaters are custom made.
- ▶ The helically wound heating element made out of high temperature resistance NiCr wire. This element is being insulated with high temperature grade MGO powder. As heaters are swaged they have excellent electrical insulation and high heat transfer rate.
- ▶ Precise forming of the heater is required to fit properly into the groove in the mould. To ensure this fit we normally use a template as an inspection tool in the forming process. This template can be custom supplied or manufactured by Anupam as per customer's design.
- ▶ Heaters are available in dia 6.5mm, 8mm, 8.5mm and square section of 6mm x 6mm or customise diameter.
- ▶ To manufacture Mould Tubular Heater it is necessary to have an accurate drawing showing all the center distance, Bending Radius and Degree.
- ▶ Manifold Heaters are tested for insulation test, high voltage test and leakage current test.

### PERFORMANCE RECOMMENDATION

- ▶ When Tubular Heating elements are used in milled slot any air gaps between the element & the plate can cause hot spots on the element. Heat transfer cement is used of fill Air gaps, permitting the heater to run cooler thus maximising its life. Cement is water soluble & can be applied with a brush or knife & can be used in temperature upto 750°C.