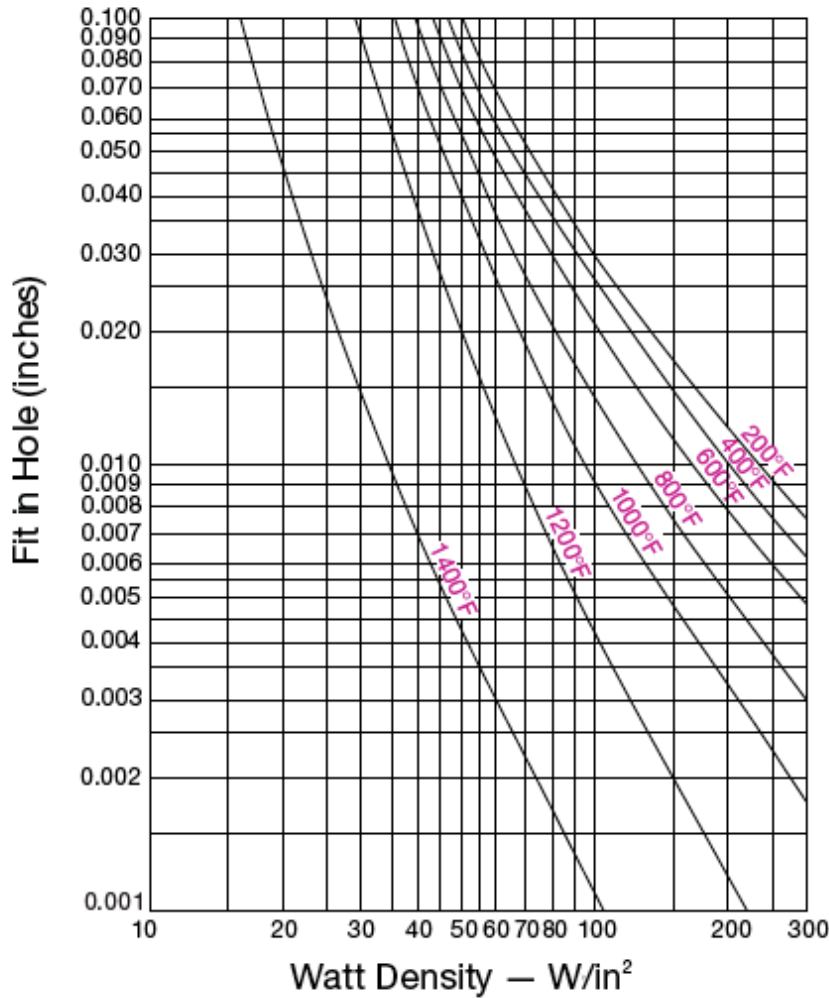


FIG.

# 1 Recommended Watt Density for Heating Metal Parts

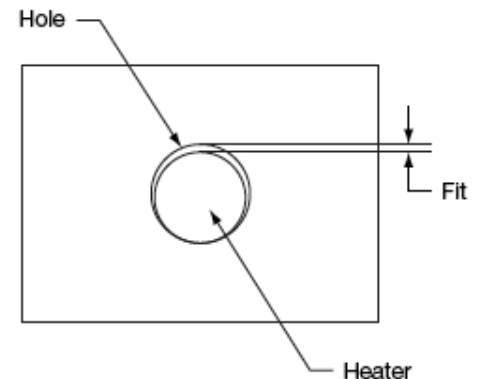
## Maximum Watt Density — Heating Metals



The graph shows the recommended maximum watt density for Tempco Hi-Density cartridge heaters at different operating temperatures and fit, when the heater is installed in an oxidized mild steel block. The thermocouple is located 1/2" from the heater. When heating other materials, the data needs to be extrapolated based on the thermal conductivity of the material. Consult Tempco with your requirements.

FIG.

# 2 Determining Fit



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