

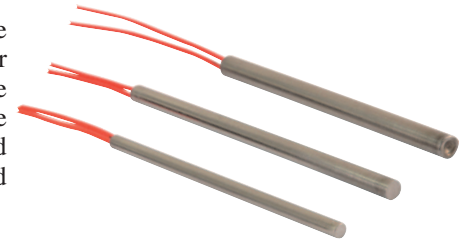
### Highly Engineered Custom Manufactured Specific Use Cartridge Heaters



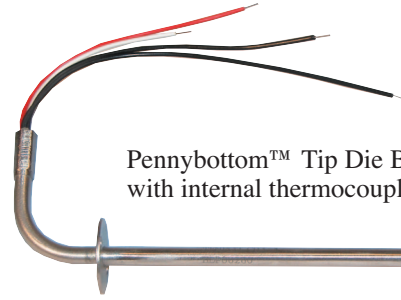
The heater has a header cap as an integral part of the fitting. Leads exit through small holes that are sealed with epoxy for moisture protection.



Miniature cartridge heaters are ideal for applications where there are space constrictions and high, concentrated power is required.



Heater designed to run continuously at 1202°F (650°C); built-in isolated thermocouple and ground wire.

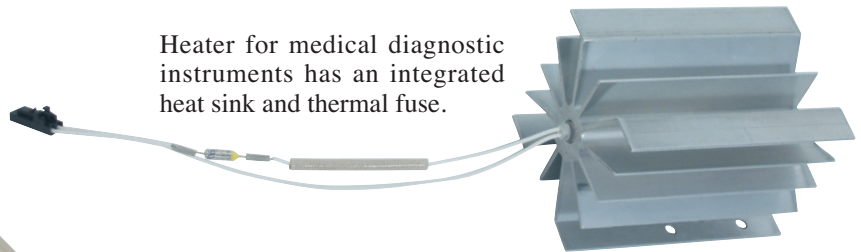


Pennybottom™ Tip Die Bolt heater with internal thermocouple

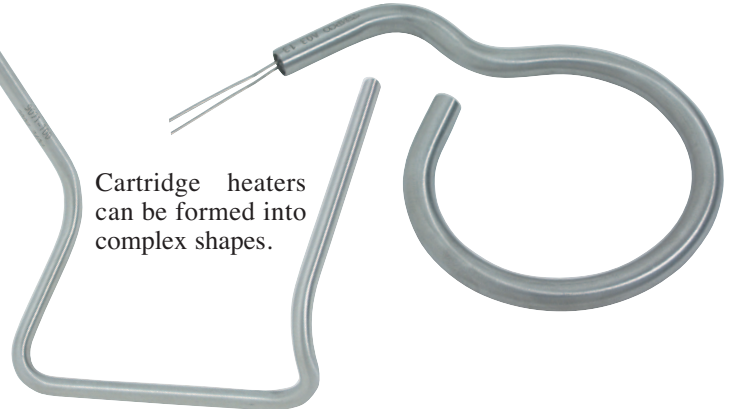


SJO cord and molded plug for automotive air conditioning recharging units.

Heater for medical diagnostic instruments has an integrated heat sink and thermal fuse.



Cartridge heaters can be formed into complex shapes.



### Optional Inspection Services and Test Reports

#### Die Penetrant Test

This non-destructive testing can detect imperfections in weld joints. For critical applications, each individual heater's weld joints by end cap and fittings can be tested. Certified test reports will be sent with each shipment.

#### Hydrostatic Pressure Test

Cartridge heaters with attached pipe fittings can be pressure tested to your specifications at Tempco. Our in-house testing capabilities can ensure that your products meet your exact specifications.

#### Electrical Tests

Our state of the art test meter can perform AC/DC dielectric withstand test (Hypot) up to 5000 volts while measuring leakage current in micro amps. It can also measure Insulation resistance (IR) and heater element resistance. Heaters can be serialized and test reports can be sent with each shipment if required.

*Consult Tempco with Your Requirements.  
We Welcome Your Inquiries.*