

Tempco Replacement Mini-Coil Heaters (Round Cable) for OEM Hot Runner Systems

Stock and Standard (Non-Stock) Cam Operated Clamping Round Cable with Thermocouple

Stock Items Are Shown In **RED**



| Clamp Style | ID | | Length | | Watts | Volts | Part Number Heater Only | Part Number With Type J T/C |
|-------------|-------|------|--------|------|-------|-------|-------------------------|-----------------------------|
| | in | mm | in | mm | | | | |
| Axial | .750 | 19.0 | 1.20 | 30.5 | ① 149 | 240 | HRN00100 | HRY00110 |
| | .750 | 19.0 | 1.20 | 30.5 | ② 268 | 240 | HRN00101 | HRY00111 |
| | .750 | 19.0 | 1.75 | 44.4 | 268 | 240 | HRN00102 | HRY00112 |
| | .750 | 19.0 | 2.00 | 50.8 | 323 | 240 | HRN00103 | HRY00113 |
| | .875 | 22.2 | 1.75 | 44.4 | 268 | 240 | HRN00104 | HRY00114 |
| | 1.000 | 25.4 | 1.20 | 30.5 | 300 | 240 | HRN00105 | HRY00115 |
| | 1.000 | 25.4 | 2.00 | 25.4 | 318 | 240 | HRN00106 | HRY00116 |
| | 1.000 | 25.4 | 1.20 | 30.5 | 350 | 240 | HRN00107 | HRY00117 |
| | 1.000 | 25.4 | 2.00 | 50.8 | 440 | 240 | HRN00108 | HRY00118 |
| | .500 | 12.7 | 1.20 | 31.7 | 120 | 240 | HRN00109 | HRY00119 |

Stock and Standard (Non-Stock) Screw Operated Clamping Round Cable with Thermocouple

Stock Items Are Shown In **RED**



| Clamp Style | ID | | Length | | Watts | Volts | Part Number Heater Only | Part Number With Type J T/C |
|-------------|-------|------|--------|------|-------|-------|-------------------------|-----------------------------|
| | in | mm | in | mm | | | | |
| Screw | .750 | 19.0 | 1.20 | 30.5 | ① 149 | 240 | HRN01100 | HRY01113 |
| | .750 | 19.0 | 1.20 | 30.5 | ② 268 | 240 | HRN01101 | HRY01114 |
| | .750 | 19.0 | 2.50 | 63.5 | 323 | 240 | HRN01102 | HRY01115 |
| | .875 | 22.2 | 1.20 | 30.5 | ② 268 | 240 | HRN01103 | HRY01116 |
| | .875 | 22.2 | 2.00 | 50.8 | 300 | 240 | HRN01104 | HRY01117 |
| | .875 | 22.2 | 1.75 | 44.4 | 350 | 240 | HRN01105 | HRY01118 |
| | .750 | 19.0 | 1.20 | 30.5 | 400 | 240 | HRN01106 | HRY01119 |
| | .750 | 19.0 | 2.00 | 50.8 | 272 | 240 | HRN01107 | HRY01120 |
| | .750 | 19.0 | 2.00 | 50.8 | 400 | 240 | HRN01108 | HRY01121 |
| | .750 | 19.0 | 1.20 | 30.5 | 186 | 240 | HRN01109 | HRY01122 |
| | 1.500 | 38.1 | 2.50 | 63.5 | 675 | 240 | HRN01110 | HRY01123 |
| | 1.750 | 44.4 | 1.75 | 44.4 | 450 | 240 | HRN01111 | HRY01124 |
| | 2.500 | 63.5 | 1.50 | 38.1 | 380 | 240 | HRN01112 | HRY01125 |



Notes: ① It is the hot runner industry practice to refer to this heater as 125W even though the actual wattage will be dependent on the applied voltage. The resistance is 386.58 ohms.



Notes: ② It is the hot runner industry practice to refer to this heater as 250W even though the actual wattage will be dependent on the applied voltage. The resistance is 214.98 ohms.

Industry Cross Reference Part Numbers

| Tempco Part Number | OEM Part Number | Rosemount Part Number |
|--------------------|-----------------|------------------------------|
| HRN00100 | 534234 | 904FE101 |
| HRN01100 | 520156 | 904EJ101, 904EN101, 904FB101 |

| Tempco Part Number | OEM Part Number | Rosemount Part Number |
|--------------------|-----------------|------------------------------|
| HRN00101 | 534233 | 904FE131 |
| HRN01101 | 521334 | 904EJ131, 904EN131, 904FB131 |
| HRN01103 | | 904EJ141, 904EN141, 904FB141 |

Ordering Information

Stock Heaters

Select a Mini-Coil Heater from the standard sizes and ratings list.

Custom Engineered/Manufactured Heaters

An electric heater can be very application specific; for sizes, ratings and terminations not listed, **TEMPCO** will design and manufacture a Mini-Coil heater to meet your requirements. **Standard lead time is 3 weeks.**

Please Specify the following:

- Inner Diameter
- Width/Length
- Wattage
- Voltage
- Termination Type
- Cable/Braid Length
- Clamp Style
- Special Features

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.