



### Gamma Series Dual Sleeve Mini-Coil Heater



#### Design Features

- \* ID Tolerance:  $\pm .0005$ "
- \* Wall Thickness: 0.130"
- \* Lead Wires: 72" long Teflon<sup>®</sup> insulated
- \* Cold leads: 5" and 7" standard
- \* Resistance Tolerance:  $\pm 2\%$
- \* Watt Density: Over 100 w/sq.in. possible

**Gamma Series mini-coil heaters** for hot runner tooling are constructed with the heating element tightly sandwiched between a nickel plated copper inner sleeve and a stainless steel outer sleeve. The differences in heat transfer characteristics of the sleeves direct the heat generated by the coil inward, toward the nozzle, increasing overall efficiency. The inner diameter of the assembly is very tightly controlled, allowing for a slip fit with no clamping required.

**NOTE:** Caps Sold Separately

#### Stock and Standard (Non-Stock) Sizes and Ratings

**Stock Items Are Shown In RED**



For replacement threaded caps order Part Number HRN94999 (19.05 mm, 0.75" dia.).

ID	Length		Watts	Volts	OEM Part Number	Tempco Part Number
	mm	in				
19.05 mm (3/4")	30	1.181	220	240	534975	<b>HRN40001</b>
	40	1.575	220	240	534976	HRN40002
	50	1.969	220	240	534977	<b>HRN40003</b>
	60	2.362	220	240	534978	<b>HRN40004</b>
	70	2.756	220	240	534979	HRN40005
	80	3.150	220	240	534980	HRN40006
	90	3.543	220	240	534981	HRN40007
	100	3.937	220	240	534982	HRN40008
	110	4.331	220	240	534983	HRN40009
	30	1.181	350	240	—	HRN40010
	40	1.575	350	240	—	HRN40011
	50	1.969	350	240	—	HRN40012
	60	2.362	400	240	—	HRN40013
	70	2.756	400	240	—	HRN40014
	80	3.150	400	240	—	HRN40015
	90	3.543	400	240	—	HRN40016
	100	3.937	450	240	—	HRN40017
	110	4.331	400	240	—	HRN40018

#### 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](http://www.P65Warnings.ca.gov).