

# Phoenix **Thermal** Supply

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Axial clamp mini coil heaters are a proven performer for high cavitation applications including pre-forms, caps and closures, and razors. Phoenix Thermal's axial clamp heaters positively lock on the nozzle ensuring excellent heat transfer and durability. Adjustments can be made with a single front facing allen screw, greatly simplifying tightening and removal.

With flat mini coils in direct contact with the injection molding nozzle Phoenix Thermal's axial clamp heaters can be wound with more heater coils closer to the edge. This configuration improves responsiveness and heat profile.



## **Cam Operated Clamping**

Cam operated axial clamping allows replacing the heating element or the thermocouple of the gate bushing without having to remove the bushing from the mold. The hex head cam is accessed from the front parallel to the bushing's shaft.

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Stock Items have a **RED** Part Number. Consult PTSHEAT for quantity discounts.

Clamp Style	ID		Length		Watts	Volts	Part Number Heater Only	Part Number with "J" T/C
	in	mm	in	mm				
Axial	.750	19	1.2	30.5	Ⓣ149	240	<b>HRN00100</b>	<b>HRY00110</b>
	.750	19	1.2	30.5	Ⓣ268	240	<b>HRN00101</b>	<b>HRY00111</b>
	.750	19	1.75	44.4	268	240	HRN00102	HRY00112
	.750	19	2	50.8	323	240	HRN00103	HRY00113
	.875	22.2	1.75	44.4	268	240	HRN00104	HRY00114
	1	25.4	1.2	30.5	300	240	HRN00105	HRY00115
	1	25.4	2	25.4	318	240	HRN00106	HRY00116
	1	25.4	1.2	30.5	350	240	HRN00107	HRY00117
	1	25.4	2	50.8	440	240	HRN00108	HRY00118
	.500	12.7	1.2	31.7	120	240	HRN00109	HRY00119
Screw	.750	19	1.2	30.5	(Note 1) 149	240	<b>HRN01100</b>	<b>HRY01113</b>
	.750	19	1.2	30.5	(Note 2) 268	240	<b>HRN01101</b>	<b>HRY01114</b>
	.750	19	2.5	63.5	323	240	HRN01102	HRY01115
	.875	22.2	1.2	30.5	(Note 2) 268	240	<b>HRN01103</b>	<b>HRY01116</b>
	.875	22.2	2	50.8	300	240	HRN01104	HRY01117
	.875	22.2	1.75	44.4	350	240	HRN01105	HRY01118
	.750	19	1.2	30.5	400	240	HRN01106	HRY01119
	.750	19	2	50.8	272	240	HRN01107	HRY01120
	.750	19	2	50.8	400	240	HRN01108	HRY01121
	.750	19	1.2	30.5	186	240	HRN01109	HRY01122
	1.5	38.1	2.5	63.5	675	240	HRN01110	HRY01123
	1.75	44.4	1.75	44.4	450	240	HRN01111	HRY01124
	2.5	63.5	1.5	38.1	380	240	HRN01112	HRY01125

**Note 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.

**Note 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.

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Cross P/N	OEM P/N	Rosemount Part Number
HRN00100	534234	904FE101
HRN01100	520156	904EJ101, 904EN101, 904FB101

Cross P/N	OEM P/N	Rosemount Part Number
HRN00101	534233	904FE131
HRN01101	521334	904EJ131, 904EN131, 904FB131
HRN01103		904EJ141, 904EN141, 904FB141

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