

### Standard (Non-Stock) and Stock Screw Plug Immersion Heaters

Stock Items Are Shown In **RED**

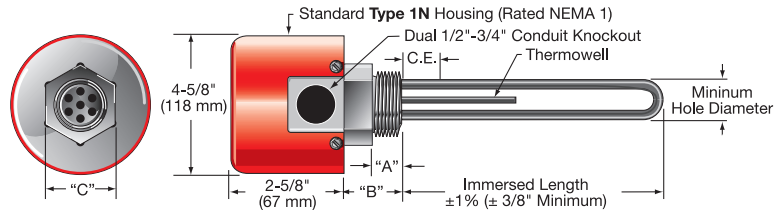
**60 watts/in<sup>2</sup> (9.3 watts/cm<sup>2</sup>)** — Typical Applications: **Deionized Water • Demineralized Water**

\* 316 Stainless Steel Screw Plug      \* 316 SS Sheath Heating Elements      \* NEMA 1 Terminal Housing

**NOTE:** Part Numbers followed by a ① are 3-Phase only. Other 3-Phase heaters are convertible to 1-Phase.

Nominal Pipe Size	Immersed Length		KW	Part Number			Approximate Net Weight	
	in	mm		120V-1Ph	240V-3Ph	480V-3Ph	lbs	kgs
2-1/2" NPT 3 elements	7%	194	3	TSP01822	TSP01823	TSP01824①	7	3
	10%	270	4.5	<b>TSP01825</b>	TSP01826	TSP01827①	7	3
	14%	372	6	—	TSP01828	TSP01829	8	4
	17%	448	7.5	—	TSP01830	TSP01831	8	4
	20%	524	9	—	TSP01832	TSP01833	9	4
	26%	664	12	—	TSP01834	TSP01835	10	5
	31%	803	15	—	TSP01836	TSP01837	11	5
	37%	943	18	—	TSP01838	TSP01839	12	5

### Screw Plug Heater Dimensions



Screw Plug NPT	Minimum Hole Diameter		"A"		"B"		"C"		Thermowell Bulb Size		Standard Cold Ends (CE)		Element Diameter	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
1"	1-1/8	29	7/8	22	1-1/4	32	1-3/8	35	1/4	6.4	1	25	.315	8
1-1/4"	1-3/8	35	15/16	24	1-5/16	33	1-3/4	44	1/4	6.4	1	25	.315	9
2"	2-1/4	57	1-1/16	27	1-9/16	40	2-1/2	64	3/8	9.5	2	50	.430	11
2-1/2"	2-1/2	64	1-5/16	33	2-1/16	52	3	76	3/8	9.5	2	50	.475	12

### Ordering Information

#### Catalog Heaters

Screw Plug Immersion Heaters whose Part Numbers are in **RED** are in stock for immediate delivery.

Standard Non-Stock Part Numbers are stocked as sub-assemblies for 2-3 week delivery.

#### Custom Engineered/Manufactured Heaters

Understanding that an electric heater can be very application specific, for sizes and ratings not listed, **TEMPCO** will design and manufacture a Screw Plug Immersion Heater to meet your requirements.

**Standard lead time is 4 weeks.**

**Please Specify** the following:

- Wattage, Voltage and Phase
- Screw Plug Size and Material
- Element Sheath Material
- Element Watt Density
- Element Immersion Length
- Electrical Enclosure Type
- Thermostat— if required
- Optional Features

**⚠ WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).