

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

Stock Items Are Shown In **RED**

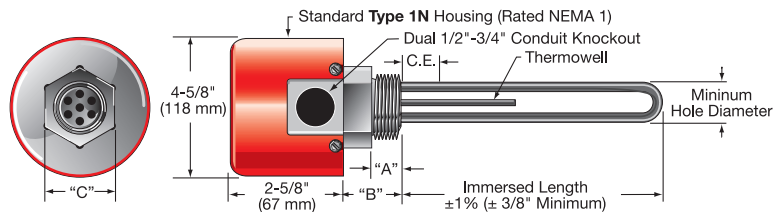
48 watts/in² (7.5 watts/cm²) — Typical Applications: Process Water

* 304 Stainless Steel Screw Plug * Incoloy®800 Sheath Heating Elements * NEMA 1 Terminal Housing

NOTE: Dual-Voltage heaters are 1-Phase and are wired for the higher voltage unless otherwise specified.
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	120/240V	240V-3Ph	240/480V	480V-3Ph	lbs	kgs
2" NPT 2 elements	9¾	248	2	—	TSP01774	—	TSP01775	—	4	2
	13¾	337	3	—	TSP01776	—	TSP01777	—	4	2
	17¾	451	4	—	TSP01778	—	TSP01779	—	5	2
	20¾	514	5	—	TSP01780	—	TSP01781	—	5	2
	25¾	641	6	—	—	—	TSP01783	—	6	3
	32¾	832	8	—	—	—	TSP01784	—	6	3
	40¾	1022	10	—	—	—	TSP01785	—	7	3
	2" NPT 3 elements	9¾	248	3	TSP01786	—	TSP01787	—	TSP01788①	5
13¾		337	4.5	TSP01789	—	TSP01790	—	TSP01791①	5	2
17¾		451	6	—	—	TSP01792	—	TSP01793	6	3
20¾		514	7.5	—	—	TSP01794	—	TSP01795	6	3
25¾		641	9	—	—	TSP01796	—	TSP01797	7	3
32¾		832	12	—	—	TSP01798	—	TSP01799	8	4
40¾		1022	15	—	—	TSP01800	—	TSP01801	9	4
47¾		1213	18	—	—	TSP01802	—	TSP01803	10	5
2-1/2" NPT 3 elements	9¾	238	3	TSP01804	—	TSP01805	—	TSP01806①	7	3
	12¾	327	4.5	TSP01807	—	TSP01808	—	TSP01809①	8	4
	17¾	441	6	—	—	TSP01810	—	TSP01811	8	4
	19¾	505	7.5	—	—	TSP01812	—	TSP01813	9	4
	24¾	632	9	—	—	TSP01814	—	TSP01815	10	5
	32¾	822	12	—	—	TSP01816	—	TSP01817	11	5
	39¾	1013	15	—	—	TSP01818	—	TSP01819	12	5
	47¾	1203	18	—	—	TSP01820	—	TSP01821	13	6

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