



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

Stock Items Are Shown In RED

8 watts/in² (1.3 watts/cm²) — Typical Applications: Fuel Oils (Bunker C and Number 6)

- * Steel Screw Plug * Steel Sheath Heating Elements * NEMA 1 Terminal Housing

NOTE: 3-Phase only. Cannot be rewired for single phase.

Nominal Pipe Size	Immersed Length		KW	Part Number		Approximate Net Weight	
	in	mm		240V-3Ph	480V-3Ph	lbs	kgs
2-1/2" NPT 3 elements	17¼	438	1	TSP01600	TSP01601	8	4
	24¾	629	1.5	TSP01602	TSP01603	9	4
	32¼	819	2	TSP01604	TSP01605	11	5
	39¾	1010	2.5	TSP01606	TSP01607	12	5
	47¼	1200	3	TSP01608	TSP01609	13	6
	63¾	1619	4	TSP01610	TSP01611	16	7
	76¼	1937	5	TSP01612	TSP01613	18	8

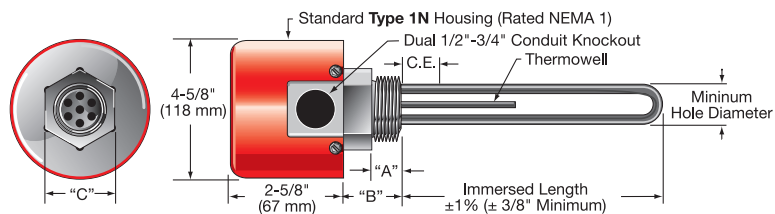
15 watts/in² (2.3 watts/cm²) — Typical Applications: Medium Weight Oils • Heat Transfer Oils

- * Steel Screw Plug * Steel 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		240V-3Ph	480V-3Ph	lbs	kgs
2" NPT 3 elements	13¼	337	1.5	TSP01614	TSP01615①	6	3
	17½	445	2	TSP01616	TSP01617①	7	3
	20½	521	2.5	TSP01618	TSP01619①	7	3
	25	635	3	TSP01620	TSP01621	8	4
	32½	826	4	TSP01622	TSP01623	9	4
	40	1016	5	TSP01624	TSP01625	10	5
	47½	1207	6	TSP01626	TSP01627	11	5
	58½	1486	7.5	TSP01628	TSP01629	12	5
	69¾	1772	9	TSP01630	TSP01631	14	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

Ordering Information

See Page 11-16 for complete Ordering Information.