

Stock Screw Plug Immersion Heaters With and Without Thermostats



Design Features

- * 304 Stainless Steel Screw Plug
- * 304 Stainless Steel Elements
- * NEMA 1 Terminal Housing

Nominal Pipe Size	Immersed Length in mm		KW	W/Sq.In.	Part Number		Approximate Net Weight lbs kgs	
					No Thermostat 120V-1Ph	With 60-250°F Thermostat 120V-1Ph		
1" NPT	6 ³ / ₈	162	0.5	46	TSP02241	TSP02011	3.1	1.4
	6 ³ / ₈	162	0.75	69	TSP02295	TSP02227	3.1	1.4
	6 ³ / ₈	162	1	92	TSP02242	TSP02228	3.1	1.4
	9 ¹ / ₄	235	1.5	90	TSP02244	TSP02230	3.5	1.6
1-1/4" NPT	6 ³ / ₈	156	1	90	TSP02243	TSP02229	3.2	1.5
	6 ³ / ₈	156	1.5	94	TSP02245	TSP02024	3.2	1.5

Design Features

- * 316 Stainless Steel Screw Plug
- * 316 Stainless Steel Elements
- * NEMA 1 Terminal Housing

Nominal Pipe Size	Immersed Length in mm		KW	W/Sq.In.	Part Number				Approximate Net Weight lbs kgs	
					No Thermostat 120V-1Ph	With 60-250°F Thermostat 120V-1Ph	No Thermostat 480V-3Ph	With 60-250°F Thermostat 480V-3Ph		
1" NPT	6 ³ / ₈	162	1	46	TSP02792	TSP02791	—	—	3.1	1.4
	9 ¹ / ₄	235	1.5	90	TSP02459	TSP02793	—	—	3.5	1.6
1-1/4" NPT	9 ¹ / ₄	235	2	90	TSP02795	TSP02794	—	—	4.0	1.8
2" NPT	12	305	4.5	54	—	—	TSP03360	TSP03359	6.7	3.0
	19 ¹ / ₂	495	7.5	65	—	—	TSP03362	TSP03361	8.2	3.7
	28	711	10.5	61	—	—	TSP03364	TSP03363	11.8	5.4

Design Features

- * 304 Stainless Steel Screw Plug
- * Incoloy Elements
- * NEMA 1 Terminal Housing

Nominal Pipe Size	Immersed Length in mm		KW	W/Sq.In.	Part Number		Approximate Net Weight lbs kgs	
					No Thermostat 120V-1Ph	With 60-250°F Thermostat 120V-1Ph		
1" NPT	12 ¹ / ₁₆	319	0.475	21	TSP02264	TSP02254	4	1.8
	28 ⁷ / ₁₆	722	1.1	21	TSP02265	TSP02255	7	3.2
	34 ⁷ / ₈	886	1.325	21	TSP02266	TSP02256	8	3.6
1-1/4" NPT	11	279	1.5	37	TSP03520	TSP03519	6.5	2.9
	15 ¹ / ₂	394	3	52	TSP03522	TSP03521	7.5	3.4

Nominal Pipe Size	Immersed Length in mm		KW	W/Sq.In.	Part Number				Approximate Net Weight lbs kgs	
					No Thermostat 240V-3Ph	With 60-250°F Thermostat 240V-3Ph	No Thermostat 480V-3Ph	With 60-250°F Thermostat 480V-3Ph		
2" NPT	13	330	5	50	TSP03525	TSP03524	TSP03533	TSP03532	8	3.6
	22	559	5	28	TSP03526	TSP02258	TSP03536	TSP02012	11	5.0
	20	508	7.5	46	TSP03528	TSP03527	TSP03535	TSP03534	10	4.5
	25	635	10	48	TSP03531	TSP03530	TSP03538	TSP03537	12	5.4
	43	1092	10	27	—	—	TSP03539	TSP02260	15	6.8
2-1/2" NPT	32 ¹ / ₄	819	12	44	—	—	TSP02298	TSP02261	12	5.4
	39 ⁷ / ₈	1013	15	44	—	—	TSP02299	TSP02262	14	6.4
	47 ⁷ / ₈	1203	18	44	—	—	TSP02300	TSP02263	16.5	7.5