

844-787-4328

PHOENIX THERMAL SUPPLY

6/3/2014 Update

① Watt density is above recommendations at some common molding temperatures

NOZZLE Heaters											
Part Number:	ID		Width		Volts	Watts	Watt Density		Terminal Options	Approx Wt.	
	inch	mm	inch	mm			W/in ²	W/cm ²		Lbs.	Kg.
STB1A1A1-S	1	25.4	1	25.4	120	100	44	6.8	A & L	0.2	0.09
STB1A1A2-S	1	25.4	1	25.4	240	100	44	6.8	A & L	0.2	0.09
STB1A1A3-S	1	25.4	1	25.4	120	125	55 ^①	8.5	A & L	0.2	0.09
STB1A1A4-S	1	25.4	1	25.4	240	125	55 ^①	8.5	A & L	0.2	0.09
STB1A1J3-S	1	25.4	1½	38.1	120	200	59 ^①	9.1	A & L	0.2	0.09
STB1A1J4-S	1	25.4	1½	38.1	240	200	59 ^①	9.1	A & L	0.2	0.09
STB1E1E1-S	1¼	38.1	1¼	38.1	240	125	33	5.1	A & L	0.2	0.09
STB1E1E2-S	1¼	38.1	1¼	38.1	240	125	33	5.1	A & L	0.2	0.09
STB1G1A1-S	1¾	34.9	1	25.4	120	140	41	6.1	A & L	0.2	0.09
STB1G2A1-S	1¾	34.9	2	50.8	240	300	51 ^①	7.9	A & L	0.3	0.14
STB1J1A1-S	1½	38.1	1	25.4	120	100	26	4	A & L	0.2	0.09
STB1J1A2-S	1½	38.1	1	25.4	240	100	26	4	A & L	0.2	0.09
STB1J1A3-S	1½	38.1	1	25.4	120	150	39	6	A & L	0.2	0.09
STB1J1A5-S	1½	38.1	1	25.4	120	200	52 ^①	8	A & L	0.2	0.09
STB1J1A6-S	1½	38.1	1	25.4	240	200	52 ^①	8	A & L	0.2	0.09
STB1J1J5-S	1½	38.1	1½	38.1	120	275	48 ^①	7.4	A & L	0.3	0.14
STB1J1J6-S	1½	38.1	1½	38.1	240	275	48 ^①	7.4	A & L	0.3	0.14
STB1J1J7-S	½	38.1	1½	38.1	240	300	52 ^①	8	A & L	0.3	0.14
STB1J2A1-S	1½	38.1	2	50.8	240	300	39	6	A & L	0.3	0.14
STB1J2J1-S	1½	38.1	2½	63	240	400	42	6.5	A & L	0.5	0.23
STB1J3A2-S	1½	38.1	3	76.2	240	500	43	6.7	A & L	0.6	0.27
STB1J3A3-S	1½	38.1	3	76.2	240	800	69 ^①	10.7	A & L	0.6	0.27
STB1J4A1-S	1½	38.1	4	101.6	240	600	39	6	A & L	0.6	0.27
STB1N1J1-S	1¾	44.5	½	38.1	240	150	22	3.4	A & L	0.3	0.14
STB1N1J7-S	1¾	44.5	1½	38.1	120	300	43	6.7	A & L	0.3	0.14
STB1N1J8-S	1¾	44.5	1½	38.1	240	300	43	6.7	A & L	0.3	0.14
STB2N1J1-S	2¾	69.9	1½	38.1	240	400	34	5.3	A & L	0.4	0.18
STB3A1A2-S	3	76.2	1	25.4	240	200	23	3.6	A & L	0.4	0.18
STB3A1A4-S	3	76.2	1	25.4	240	300	35	5.4	A & L	0.4	0.18
STB3A1J6-S	3	76.2	1½	38.1	120	600	47 ^①	7.3	A & L	0.5	0.23

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Part Number:	ID		Width		Volts		Watt Density		Terminal Options	Approx Wt.		
	inch	mm	inch	mm		Watts	W/in ²	W/cm ²		Lbs.	Kg.	
STB2J1J8-S	2½	63.5	1½	38.1	120	300	31	4.8	All except A& L	0.3	0.14	
STB2J1J11-S	2½	63.5	1½	38.1	240	350	37	5.7	All except A& L	0.3	0.14	
STB2J2R1-S	2½	63.5	2¾	73	240	650	38	5.9	All except A& L	0.3	0.14	
STB3A1J1-S	3	76.2	1½	38.1	240	400	32	5	All except A& L	0.5	0.23	
STB3A1J3-S	3	76.2	1½	38.1	120	500	40	6.2	All except A& L	0.5	0.23	
STB3A1J4-S	3	76.2	1½	38.1	240	500	40	6.2	All except A& L	0.5	0.23	
STB3A2A1-S	3	76.2	2	50.8	240	500	30	4.6	All except A& L	0.8	0.36	
STB3A2A2-S	3	76.2	2	50.8	240	600	36	5.6	All except A& L	0.8	0.36	
STB3A2J7-S	3	76.2	2½	63.5	240	650	33	5.1	All except A& L	0.8	0.36	
STB3A3A18-S	3	76.2	3	76.2	240	750	30	4.7	All except A& L	1	0.46	
STB3E1J1-S	3¾	82.6	1½	38.1	240	400	29	4.5	All except A& L	0.5	0.23	
STB3E2A41-S	3¾	82.6	2	50.8	240	500	27	4.2	All except A& L	0.33	0.7	
STB3J1J2-S	3½	88.9	1½	38.1	240	500	33	5.1	All except A& L	0.5	0.23	
STB3J2A1-S	3½	88.9	2	50.8	240	650	33	5.1	All except A& L	0.7	0.32	
STB3J2J1-S	3½	88.9	2½	63.5	240	750	30	4.6	All except A& L	0.8	0.36	
STB3J3A31-S	3½	89.9	3	76.2	240	750	25	3.9	All except A& L	1.1	0.5	
STB3N1J1-S	3¾	95.3	1½	38.1	240	700	43 ^①	6.7	All except A& L	0.6	0.27	
STB4A1J1-S	4	101.6	1½	38.1	240	550	32	5	All except A& L	0.6	0.27	
STB4A1J2-S	4	101.6	1½	38.1	240	750	43	6.5	All except A& L	0.6	0.27	
STB4A1J3-S	4	101.6	1½	38.1	240	650	37	5.7	All except A& L	0.6	0.27	
STB4A2A1-S	4	101.6	2	50.8	240	550	24	3.7	All except A& L	0.8	0.36	
STB4A2A2-S	4	101.6	2	50.8	240	800	35	5	All except A& L	0.8	0.36	
STB4A3A31-S	4	101.6	3	76.2	240	1000	29	4.5	All except A& L	1.2	0.58	
STB4E1J13-S	4¾	107.9	1½	38.1	240	550	30	4.7	All except A& L	0.7	0.32	
STB4J1J1-S	4¾	114.3	1½	38.1	240	650	33	5.1	All except A& L	0.7	0.32	
STB4J1J2-S	4¾	114.3	1½	39.1	240	400	20	3.1	All except A& L	0.7	0.32	
STB4J2J1-S	4¾	114.3	2½	63.5	240	1000	35	5.4	All except A& L	1	0.45	
STB4J3JA26	4¾	114.3	3	76.2	240	1200	30	4.7	All except A& L	1.2	0.58	
STB4N1J3-S	4¾	120.7	1½	38.1	240	650	31	4.8	All except A& L	0.7	0.32	
STB4N2A12-S	4¾	120.7	2	50.8	480	800	29	4.5	All except A& L	0.9	0.1	
STB4R2A3-S	4¾	123.8	2	50.8	480	760	27	4.2	All except A& L	0.9	0.1	
STB5A1J1-S	5	127	1½	38.1	240	700	32	5	All except A& L	0.7	3.22	
STB5A1J2-S	5	127	1½	38.1	240	900	41	6.4	All except A& L	0.7	3.22	
STB5A2A27-S	5	127	2	50.8	240	900	30	4.65	All except A& L	0.09	0.41	
STB5A3E1-S	5	127	3¾	82.6	240	1250	26	4	All except A& L	1.5	0.68	
STB5E1J1-S	5¼	133.4	1½	38.1	240	600	26	4	All except A& L	0.8	0.36	
STB5E1J5-S	5¼	133.4	1½	38.1	480	600	43 ^①	6.7	All except A& L	0.8	0.36	
STB5E1J2-S	5¼	133.4	1½	38.1	240	1000	43 ^①	6.7	All except A& L	0.8	0.36	
STB5E2A1-S	5¼	133.4	2	50.8	240	1000	33 ^①	5.1	All except A& L	0.9	0.41	
STB5J1J1-S	5½	139.7	1½	38.1	240	800	33	5.1	All except A& L	0.8	0.36	
STB5J1J2-S	5½	139.7	1½	38.1	240	900	37	5.7	All except A& L	0.8	0.36	
STB5J2A23-S	5½	139.7	2	50.8	240	1000	30	4.65	All except A& L	0.9	0.41	
STB5J3A19-S	5½	139.7	3	76.2	240	1500	30	4.65	All except A& L	1.6	0.72	
STB6A1J1-S	6	152.4	1½	38.1	240	600	22	3.4	All except A& L	0.9	0.41	
STB6A1J2-S	6	152.4	1½	38.1	240	850	32	5	All except A& L	0.9	0.41	

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Part Number:	ID		Width		Volts		Watt Density		Terminal Options	Approx Wt.		
	inch	mm	inch	mm		Watts	W/in ²	W/cm ²		Lbs.	Kg.	
STB6A1J3-S	6	152.4	1½	38.1	240	1000	37	5.7	All except A& L	0.9	0.41	
STB6A2J3-S	6	152.4	2½	38.1	240	1450	34	5.3	All except A& L	1.5	0.68	
STB6A3A1-S	6	152.4	3	46.2	240	1400	26	4	All except A& L	1.6	0.73	
STB6E2A5-S	6¾	158.8	2	50.8	240	1000	27	4.2	All except A& L	1	0.46	
STB6E3A1-S	6¾	158.8	3	76.2	240	1500	27	4.2	All except A& L	1.8	0.82	
STB6J1J1-S	6½	165.1	1½	38.1	240	900	31	4.8	All except A& L	0.9	0.41	
STB6J1J2-S	6½	165.1	1½	38.1	240	950	33	5.1	All except A& L	0.9	0.41	
STB6J2A1-S	6½	165.1	2	50.8	240	1000	26	3.9	All except A& L	1.2	0.54	
STB6J3A13-S	6½	165.1	3	76.2	240	1400	24	3.7	All except A& L	1.8	0.82	
STB6J3A14-S	6½	165.1	3	76.2	480	1400	24	3.7	All except A& L	1.8	0.82	
STB6L4J1-S	6¾	168.3	4½	114.3	240	2300	26	4	All except A& L	2.8	1.27	
STB6N1J1-S	6¾	171.5	1½	38.1	240	1000	33	5.1	All except A& L	1	0.45	
STB6N1J2-S	6¾	171.5	1½	38.1	240	750	25	3.9	All except A& L	1	0.45	
STB6N2A1-S	6¾	171.5	2	50.8	240	1300	32	5	All except A& L	1.3	0.59	
STB7A1J1-S	7	177.8	1½	38.1	240	950	30	4.6	All except A& L	1	0.45	
STB7A1J2-S	7	177.8	1½	38.1	240	1100	35	5.4	All except A& L	1	0.45	
STB7A2A16-S	7	177.8	2	50.8	240	1100	26	4.1	All except A& L	1.3	0.59	
STB7A3A2-S	7	177.8	3	76.2	460	1650	26	4	All except A& L	2	0.91	
STB7E1J9-S	7¼	196.8	1½	38.1	240	1000	30	4.2	All except A& L	1.1	0.5	
STB7J1J1-S	7½	190.5	1½	38.1	240	1000	30	4.6	All except A& L	1.1	0.5	
STB7J1J2-S	7½	190.5	1½	38.1	240	1200	35	5.4	All except A& L	1.1	0.5	
STB7J3A2-S	7½	190.5	3	76.2	480	1800	27	4.2	All except A& L	2.4	1.08	
STB7N1J11-S	7¾	196.8	1½	38.1	480	1000	29	4.5	All except A& L	0.58	1.2	
STB8A1J1-S	8	203.2	1½	38.1	240	950	26	4	All except A& L	1.1	0.5	
STB8A1J2-S	8	203.2	1½	38.1	240	1200	33	5.1	All except A& L	1.1	0.5	
STB8A2A20-S	8	203.2	2	50.8	240	1500	30	4.7	All except A& L	1.5	0.65	
STB8A3A1-S	8	203.2	3	76.2	240	2250	31	4.8	All except A& L	2.6	1.18	
STB8J1J1-S	8½	215.9	1½	38.1	240	1200	31	4.8	All except A& L	1.2	0.55	
STB8J1J21-S	8½	215.9	1½	38.1	480	1200	30	4.7	All except A& L	1.2	0.55	
STB8J2A1-S	8½	215.9	2	50.8	240	1600	31	4.8	All except A& L	1.6	0.73	
STB8N1J11-S	8¾	222.3	1½	38.1	480	1200	30	4.7	All except A& L	1.3	0.61	
STB8N2A10-S	8¾	222.3	2	50.8	240	1600	30	4.7	All except A& L	1.5	0.68	
STB9A1J1-S	9	228.6	1½	38.1	240	1300	32	5	All except A& L	1.3	0.59	
STB9J2A1-S	9½	244.3	2	50.8	240	1800	32	5	All except A& L	1.7	0.77	
STB9J3A1-S	9½	244.3	3	76.2	240	2000	23	3.6	All except A& L	2.8	1.27	
STB10A1J1-S	10	254	1½	38.1	240	1400	31	4.8	All except A& L	1.5	0.68	
STB11A1J1-S	11	279.4	1½	38.1	240	1600	32	5	All except A& L	1.7	0.77	
STB11A2A1-S	11	279.4	2	50.8	240	2000	30	4.6	All except A& L	2.1	0.95	

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