

BMS Cartridge Heaters

The BMS Cartridge Heaters listed are D-M-E equivalent High Watt Density Replacement Heaters for use in hot runner systems and other mold heating applications. Supplied with 10" swaged high temperature leads.

D-M-E Equivalent High Watt Density Cartridge Heaters							
BMS Part #	Diameter	Length	Watts	Volts	D-M-E Part #	Price	
2002EE	1/4"	1	100	120	CM-100-1	13.25	
2003EE		1	100	240	CM-100-2	13.25	
2009EE		1-1/2	150	120	CM-112-1	14.25	
2010EE		1-1/2	150	240	CM-112-2	14.25	
2018EE		2	200	120	CM-202-1	15.55	
2019EE		2	200	240	CM-202-2	15.55	
2029EE		3	300	120	CM-203-1	17.80	
2030EE		3	300	240	CM-203-2	17.80	
2038EE		4	375	240	CM-204-2	20.10	
2043EE		5	450	240	CM-205-2	22.40	
2086EE		3/8"	2	250	240	CM-302-2	12.85
2105EE			3	350	240	CM-303-2	14.95
2123EE	4		500	240	CM-304-2	17.10	
2136EE	5		550	240	CM-305-2	19.20	
2149EE	6		600	240	CM-306-2	21.35	
2174EE	1/2"		2	250	240	CM-402-2	14.65
2191EE		3	300	240	CM-403-2	17.40	
2204EE		4	400	240	CM-404-2	20.20	
2219EE		5	800	240	CM-405-2	23.00	
2228EE		6	1000	240	CM-406-2	25.80	
2243EE		8	1200	240	CM-408-2	31.40	
2251EE		10	1500	240	CM-410-2	34.55	
2258EE		12	2000	240	CM-412-2	39.75	
2270EE	5/8"	2	300	240	CM-502-2	14.65	
2288EE		4	700	240	CM-504-2	20.50	
2300EE		6	1000	240	CM-506-2	26.30	
2308EE		8	1200	240	CM-508-2	32.15	
2312EE		9	1400	240	CM-509-2	35.10	
2316EE		10	1500	240	CM-510-2	38.00	
2325EE		14	2000	240	CM-514-2	45.85	
2336EE		3/4"	2	300	240	CM-602-2	16.40
2345EE	4		750	240	CM-604-2	23.75	
2358EE	6		1200	240	CM-606-2	31.10	

High Watt Density Cartridge Heaters



BMS Cartridge Heaters

Hot Runner Heaters with Internal Type J Thermocouple

The BMS Cartridge Heaters listed have a type 'J' thermocouple located at the tip of the heater and are used in hot runner systems and other mold heating applications. Supplied with 36" long power and thermocouple leads. Cross referenced to D-M-E and Incoe part numbers.

Cartridge Heaters with Type 'J' Thermocouple at Tip. 36" Power and T/C Leads.								
BMS Part #	Diameter	Length	Watts	Volts	D-M-E Part #	Incoe Part #	Price	
2389EE	1/4"	1-1/2	200	240	---	---	29.20	
2390EE		1-3/4	200	240	---	---	29.50	
2391EE		2	200	240	---	---	29.50	
2392EE		2-1/2	200	240	---	---	31.60	
2393EE		3	200	240	---	---	31.60	
2394EE		3-1/2	250	240	---	---	33.10	
2395EE		4	250	240	---	---	33.10	
2396EE		5	250	240	---	---	34.00	
2397EE		3/8"	1-3/4	200	240	TCH0001	TJ38017	30.65
2398EE	2		250	240	TCH0002	TJ38020	30.65	
2399EE	2-1/2		250	240	TCH0003	TJ38025	32.35	
2400EE	3		250	240	TCH0004	TJ38030	32.35	
2401EE	3-1/2		320	240	TCH0005	TJ38035	34.10	
2402EE	4		370	240	TCH0006	TJ38040	34.10	
2403EE	4-1/2		420	240	TCH0007	TJ38045	35.15	
2404EE	5		470	240	TCH0008	TJ38050	35.15	
2405EE	5-1/2		525	240	TCH0009	TJ38055	36.80	
2406EE	6		575	240	TCH0010	TJ38060	36.80	
2407EE	6-1/2		625	240	TCH0011	TJ38065	38.50	
2408EE	7		675	240	TCH0012	TJ38070	38.50	
2409EE	7-1/2		725	240	TCH0013	TJ38075	40.20	
2410EE	8		775	240	TCH0014	TJ38080	40.20	
2411EE	1/2"		3-1/2	420	240	TCH0015	TJ12035	35.95
2412EE			4	480	240	TCH0016	TJ12040	35.95
2413EE			4-1/2	550	240	TCH0017	TJ12045	38.15
2414EE		5	625	240	TCH0018	TJ12050	38.15	
2415EE		5-1/2	700	240	TCH0019	TJ12055	40.35	
2416EE		6	775	240	TCH0020	TJ12060	40.35	
2417EE		6-1/2	850	240	TCH0021	TJ12065	42.55	
2418EE		7	900	240	---	TJ12070	42.55	
2419EE		7-1/2	975	240	TCH0022	TJ12075	44.05	
2420EE		8	1050	240	---	---	44.05	
2421EE		8-1/2	1100	240	---	---	46.20	
2422EE		9	1200	240	---	---	46.20	
2423EE		9-1/2	1250	240	---	---	48.35	
2424EE		10	1325	240	---	---	48.35	
2425EE		10-1/2	1400	240	---	---	50.55	
2426EE		11-1/2	1525	240	---	---	52.70	

BMS Cartridge Heaters

Hot Runner Probe Cartridge Heaters

The BMS Hot Runner Probe Cartridge Heaters are available with and without a type 'J' thermocouple located at the tip of the cartridge. These cartridge heaters are used in D-M-E hot runner systems as well as other mold heating applications.



Hot Runner Probe Cartridge Heaters								
BMS Part #	Diameter	Length	Watts	Volts	Lead Length	Type J T/C?	D-M-E Part #	Price
BPTC-202-2	1/4"	2	200	240	36"	Y	AFTC-202-2	33.59
2019EE		2	200	240	10"	N	AFC-202-2	15.55
BPTC-203-2		3	300	240	36"	Y	AFTC-203-2	35.48
2030EE		3	300	240	10"	N	AFC-203-2	17.80
BPTC-213-2		3	150	240	36"	Y	AFTC-213-2	35.48
2026EE		3	150	240	10"	N	AFC-213-2	17.80
BPTC-214-2		3-3/4	220	240	36"	Y	AFTC-214-2	37.15
2031EE		3-3/4	220	240	10"	N	AFC-214-2	20.10
BPTC-204-2		4	375	240	36"	Y	AFTC-204-2	37.15
BPTC-215-2		4-3/4	275	240	36"	Y	AFTC-215-2	47.83
2039EE		4-3/4	275	240	10"	N	AFC-215-2	22.40
BPTC-205-2		5	475	240	36"	Y	AFTC-205-2	38.77
BPTC-216-2		5-3/4	350	240	36"	Y	AFTC-216-2	40.39
2044EE		5-3/4	350	240	10"	N	AFC-216-2	22.40
BPTC-327-2	3/8"	7.15	645	240	36"	Y	AFTC-327-2	45.52
BPTC-328-2		8.15	760	240	36"	Y	AFTC-328-2	47.79
BPTC-329-2		9.15	870	240	36"	Y	AFTC-329-2	49.30
BPTC-3210-2		10.15	980	240	36"	Y	AFTC-3210-2	51.25

Hot Runner Distributor Tube Cartridge Heaters

The BMS Hot Runner Distributor Tube Cartridge Heaters are used in D-M-E hot runner systems as well as other mold heating applications. All heaters listed are supplied with 36" power and thermocouple leads.

A type 'J' thermocouple is located in the center of the length of the heater.

1/2" O.D. Distributor Tube Cartridge Heaters					
O.D.	Length	Volts	Watts	Part #	Price
1/2"	4	240	380	BDTC-04-4	40.72
	5	240	500	BDTC-04-5	43.04
	6	240	600	BDTC-04-6	45.31
	7	240	700	BDTC-04-7	47.84
	8	240	820	BDTC-04-8	50.27
	9	240	920	BDTC-04-9	52.81
	10	240	1030	BDTC-04-10	55.30
	11	240	1140	BDTC-04-11	57.78
	12	240	1250	BDTC-04-12	60.26
	13	240	1350	BDTC-04-13	62.75
	14	240	1460	BDTC-04-14	65.30
	15	240	1570	BDTC-04-15	67.82
	16	240	1680	BDTC-04-16	70.31
	17	240	1780	BDTC-04-17	72.85
	18	240	1900	BDTC-04-18	75.33
	19	240	2010	BDTC-04-19	77.87
	20	240	2110	BDTC-04-20	80.46
	21	240	2220	BDTC-04-21	82.94
	22	240	2330	BDTC-04-22	85.54
	23	240	2400	BDTC-04-23	88.07
24	240	2400	BDTC-04-24	90.61	
25	240	2400	BDTC-04-25	93.15	
26	240	2400	BDTC-04-26	95.69	
27	240	2400	BDTC-04-27	98.23	
28	240	2400	BDTC-04-28	100.76	
29	240	2400	BDTC-04-29	103.25	
30	240	2400	BDTC-04-30	105.79	

5/8" O.D. Distributor Tube Cartridge Heaters					
O.D.	Length	Volts	Watts	Part #	Price
5/8"	5	240	620	BDTC-05-5	41.90
	6	240	750	BDTC-05-6	48.82
	7	240	880	BDTC-05-7	51.52
	8	240	1020	BDTC-05-8	54.38
	9	240	1160	BDTC-05-9	57.13
	10	240	1300	BDTC-05-10	59.94
	11	240	1430	BDTC-05-11	62.75
	12	240	1570	BDTC-05-12	65.45
	13	240	1700	BDTC-05-13	68.26
	14	240	1840	BDTC-05-14	71.06
	15	240	1980	BDTC-05-15	73.82
	16	240	2110	BDTC-05-16	76.57
	17	240	2250	BDTC-05-17	79.43
	18	240	2390	BDTC-05-18	82.19
	19	240	2525	BDTC-05-19	85.00
	20	240	2660	BDTC-05-20	87.80
	21	240	2800	BDTC-05-21	90.61
	22	240	2930	BDTC-05-22	93.42
	23	240	3070	BDTC-05-23	96.23
	24	240	3200	BDTC-05-24	99.04
	25	240	3340	BDTC-05-25	101.84
	26	240	3480	BDTC-05-26	104.65
	27	240	3620	BDTC-05-27	107.51
	28	240	3750	BDTC-05-28	110.32
	29	240	3900	BDTC-05-29	113.13
	30	240	4030	BDTC-05-30	115.99
	32	240	4300	BDTC-05-32	121.61
	36	240	4840	BDTC-05-36	132.95