

Cartridge/Insertion Heaters

FIREROD Cartridge Heaters

Heaters for Hot Runner Systems

Diameter in.	Sheath Length in. (mm)	Volts	Watts	Watt Density W/in ² (W/cm ²)	Approx. Net Wt. lbs (kg)	Availability	Code Number	Reference Part No.
¼	1½ (38.0)	240	200	260 (40)	0.03 (0.014)	Stock	E1JX442A	—
	2 (51.0)	240	200	172 (27)	0.04 (0.018)	Stock	E2AX619A	—
	2½ (64.0)	120	200	129 (20)	0.04 (0.018)	Stock	E2JX287A	—
	2½ (64.0)	240	200	129 (20)	0.04 (0.018)	Stock	E2JX288A	—
	3 (76.0)	240	200	103 (16)	0.05 (0.023)	Stock	E3AX575A	—
	3½ (89.0)	240	250	108 (17)	0.05 (0.023)	Standard	E3JX155A	—
	4 (102.0)	240	250	93 (14)	0.05 (0.023)	Stock	E4AX509A	—
½	5 (127.0)	240	250	71 (11)	0.06 (0.027)	Stock	E5AX299A	—
	1¾ (45.0)	240	200	142 (22)	0.09 (0.041)	Stock	G1NX39E	TJ38017
	2 (51.0)	240	250	152 (24)	0.09 (0.041)	Stock	G2AX163B	TJ38020
	2½ (64.0)	240	250	112 (17)	0.10 (0.045)	Stock	G2JX131D	TJ38025
	3 (76.0)	240	260	92 (14)	0.10 (0.045)	Stock	G3AX238K	TJ38030
	3½ (89.0)	240	320	91 (14)	0.12 (0.054)	Stock	G3JX114K	TJ38035
	4 (102.0)	240	370	92 (14)	0.12 (0.054)	Stock	G4AX255D	TJ38040
	4½ (114.0)	240	420	90 (14)	0.13 (0.059)	Standard	G4JX84E	TJ38045
	5 (127.0)	240	470	108 (17)	0.14 (0.064)	Stock	G5AX183E	TJ38050
	5½ (140.0)	240	525	91 (14)	0.15 (0.068)	Standard	G5JX64C	TJ38055
	6 (152.0)	240	575	90 (14)	0.15 (0.068)	Standard	G6AX222D	TJ38060
	6½ (165.0)	240	625	93 (15)	0.16 (0.073)	Standard	G6JX34C	TJ38065
	7 (178.0)	240	675	92 (14)	0.17 (0.077)	Standard	G7AX105C	TJ38070
7½ (191.0)	240	725	101 (16)	0.18 (0.082)	Standard	G7JX36D	TJ38075	
8 (203.0)	240	775	91 (14)	0.19 (0.086)	Stock	G8AX202C	TJ38080	
¾	3½ (89.0)	240	420	92 (14)	0.17 (0.077)	Stock	J3JX103C	TJ12035
	4 (102.0)	240	490	90 (14)	0.19 (0.086)	Stock	J4AX372A	TJ12040
	4½ (114.0)	240	550	80 (12)	0.20 (0.091)	Standard	J4JX62C	TJ12045
	5 (127.0)	240	625	89 (14)	0.22 (0.100)	Standard	J5AX178B	TJ12050
	5½ (140.0)	240	700	91 (14)	0.23 (0.104)	Standard	J5JX54B	TJ12055
	6 (152.0)	240	775	104 (16)	0.25 (0.113)	Standard	J6AX412A	TJ12060
	6½ (165.0)	240	850	104 (16)	0.26 (0.118)	Standard	J6JX45C	TJ12065
7½ (191.0)	240	975	100 (16)	0.29 (0.132)	Stock	J7JX88A	TJ12075	

Note: ¼ inch diameter heaters have Type J thermocouple, Style B (location at the end disk) with 36 inch swaged-in GGS leads.

½ and ¾ inch heaters have Type J thermocouple, Style C (location in the end disk) with 36 inch swaged in GGS leads.