



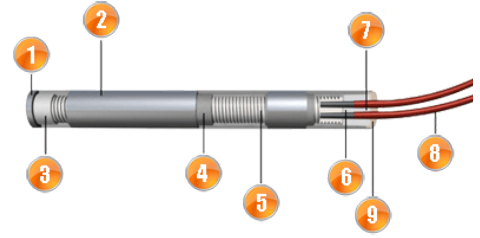
UNDERWATER PELLETIZER DIE CARTRIDGE HEATERS

FEATURES

- Hi-Density Swaged Construction with Single-End, Right-Angle Termination Location
- 44" MGT 842°F (450°C) Lead Wires (UL / CSA Approved)
- 1" Diameter Heater Sheath (Other Diameters available on request)
- S/S Sheath Standard, Incoloy Optional
- 16 Gauge Stainless Steel Mounting Flange
- Ground Lead Optional
- Other Options Available (wattage, voltage, lead length etc.)

CONSTRUCTION

1. WELDED DISC
2. STAINLESS STEEL TUBE IN 304/316/321/ INCOLOY
3. CERAMIC DISC INSULATOR
4. PURE MAGNESIUM OXIDE
5. NICKEL-CHROME 80/20 HEATER WIRE
6. CERAMIC CORE
7. HARD CERAMIC HEAD
8. LEAD WIRE
9. OPTIONAL POTTING COMPOUND



STYLES

High Temperature Leads w/ Cement Potting	High Temperature Leads w/ S/S Braid & Cement Potting	High Temperature Leads w/ S/S Armor & Cement Potting	Welded Lead End Disc w/ S/S Armor & Cement Potting

LEAD WIRE OPTIONS

PHOTO	TYPE	MAX. TEMP	NOTES
	MGT 1000°C	1832°F / 1000°C	Flexible, Not Waterproof
	MGT 750°C	1382°F / 750°C	Flexible, Not Waterproof
	Duraflex	1022°F / 550°C	Flexible, Not Waterproof
	MGT	842°F / 450°C	Flexible, Not Waterproof
	TGGT	482°F / 250°C	Durable, Flexible, Not Waterproof
	Teflon	500°F / 260°C	Abrasion Resistant, Small OD, Waterproof
	Silicone Rubber	355°F / 180°C	Very Flexible, Waterproof, Easy to Nick
	SEW2	392°F / 200°C	Very Flexible, Fair Abrasion Resist, Waterproof

END SEAL OPTIONS

TYPE	MAXIMUM TEMPERATURE	MOISTURE PROTECTION	CONTAMINANT PROTECTION	MECHANICAL STRENGTH	VIBRATION RESISTANCE
Ceramic	2500°F 1371°C	Poor	Poor	Excellent	Excellent
Teflon	300°F 149°C	Excellent	Excellent	Very Good	Excellent
Lava	3000°F 1649°C	Poor	Good	Good	Poor
Cement Potting	1800°F 982°C	Poor	Fair	Good	Poor
Epoxy Potting	650°F 343°C	Fair	Very Good	Very Good	Excellent
Epoxy Potting	265°F 129°C	Good	Good	Excellent	Excellent
Silicone Rubber	500°F 260°C	Excellent	Excellent	Fair	Excellent

DIAMETER SIZES

SIZE - Round

Nom Dia	min Dia	max Dia	max Amps	max Volts
1/8"	.119	.124	3.6	240
1/4"	.244	.249	9	30
6.5mm	.250	.255	9	300
8mm	.309	.314	9	300
3/8"	.369	.374	9	480
10mm	.388	.393	15	480
7/16"	.432	.437	15	600
12mm	.466	.471	15	600
12.5mm	.486	.491	15	600
1/2"	.494	.499	15	600
13mm	.506	.511	15	600
17/32"	.525	.530	15	600
14mm	.545	.550	26	600
5/8"	.619	.624	26	600
16mm	.624	.629	26	600
17mm	.663	.668	26	600
11/16"	.682	.687	26	600
19mm	.742	.747	26	600
3/4"	.744	.749	26	600
20mm	.782	.786	26	600
25mm	.978	.983	26	600
1"	.994	.999	26	600

SIZE - Square

Nom Size	min Size	max Size	max Amps	max Volts
3/8"x3/8"	.369	.374	9	300
1/2"x1/2"	.494	.499	9	300
5/8"x5/8"	.619	.624	15	300

SIZE - Rectangle

Nom Size	Max wide	Max depth	Min watts	Max W/inch
1/8"x1/4"	.124	.249	10	30
1/8"x3/8"	.124	.374	10	50
1/4"x5/8"	.249	.624	10	70
1/4"x1"	.249	.999	10	100