

# Hot ends Cylinder Heater Core

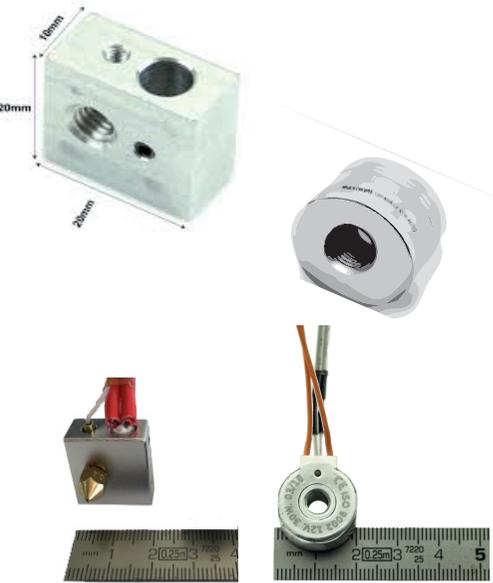
**Maxiwatt**   
**932 °F**

Standard M-6 thread

## more powerful and precise

**Compatibility.**

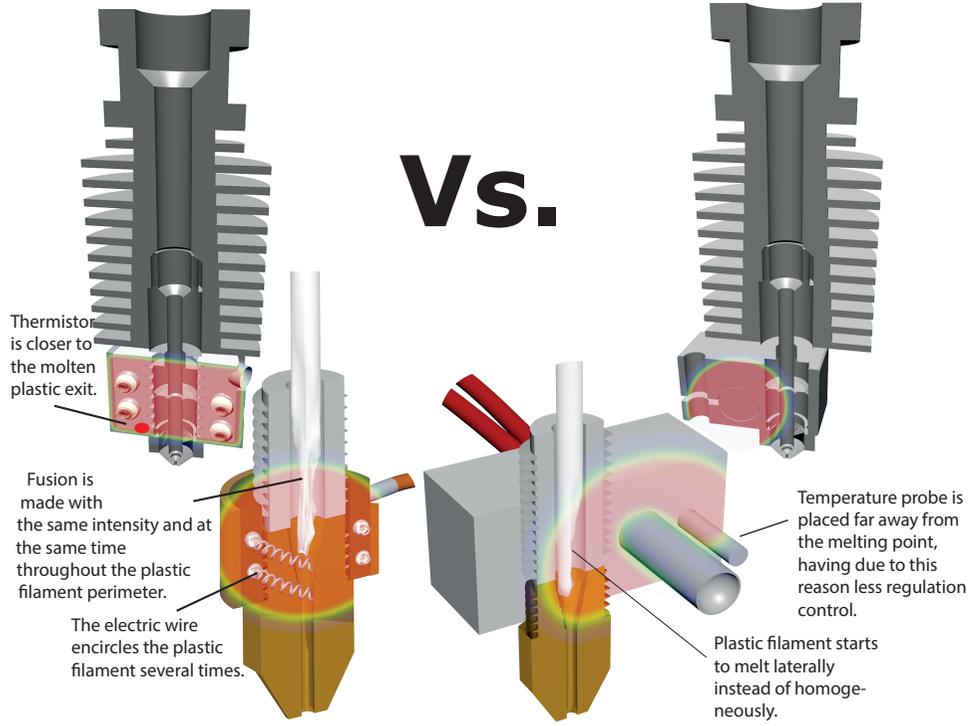
Cylinder Heater Core replaces all block heaters with M-6 holes.



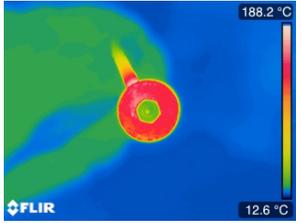
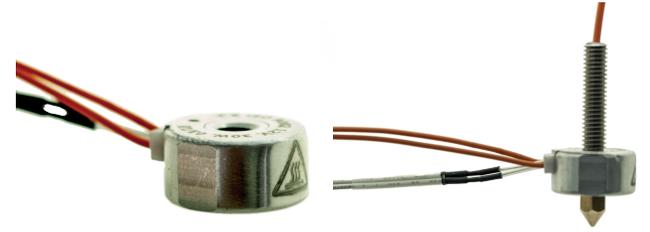
**Cylinder Heater Core**

**Block heater**

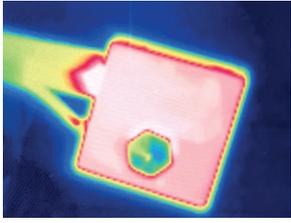
**Vs.**



The exclusive manufacturing design guarantees a precise temperature distribution throughout the plastic filament, melting it all at the same time. Only the thread of the nozzle is heated, where the casting process has to be produced. We only produce Cylinder Heater Core with different volts, watts and control systems, we do not include hot ends.



**Cylinder Heater Core:** temperature is uniform all around the perimeter.



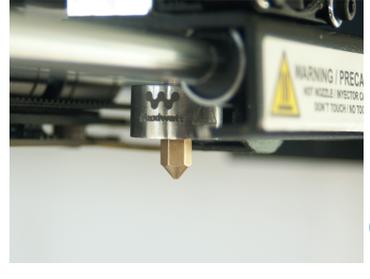
**Block Heater:** You can see how the white cartridge heater sends out more temperature on one side.

Thermo graphic studies of the cylinder demonstrate that a constant and uniform temperature around the injection nozzle produces more precise and consistent end pieces.

Technical Key	
Sheath material	Stainless steel
Heating conductor material	NiCr 8020
Max. Sheath temperature	932°F
Max. Voltage	>24 = (OTHER V.: TO CONSULT)
Wattage tolerance*	10%
High voltage resistance*	800 V AC at > 24 V operation voltage
	500 V at <= 24 V operation voltage
Insulation resistance*	> 5 MΩ at 500 V DC
Leakage current*	<= 0.5 mA at 253 V AC

**Other features:**

- Longer useful life due to a bigger quantity and thickness of wire.
- Isolated connections to avoid short circuit.
- No additional tools are required for installation.
- Internal anti-wear brass thread.
- Quick nozzle change.
- Accurate internal readings up to 932°F.
- All type of plastic melting.
- Compact design.
- Quick and safe heating element cleaning.
- Identification code for tracking, quality, clone....
- ISO 9001 certified.
- CE certified.



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TESTED AT ENVIRONMENTAL TEMPERATURE