

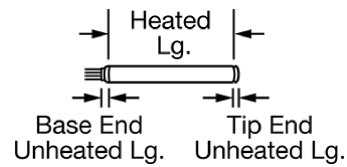
Insertion Heater with Braided Wire Lead Covering

for 3/4" Hole, 240V AC, 6" Long Heating Element, 2000W

\$72.80 Each
4877K464



With Braided Wire Lead Covering



Heater Type	Cartridge
For Hole Size	3/4"
Heating Element Diameter	0.745"
Heating Element Diameter Tolerance	-0.002" to 0.002"
Heating Element Length	6"
Heating Element Length Tolerance	-1/8" to 1/8"
Wattage	2,000 W
Watt Density	178 W/sq. in.
Maximum Exposure Temperature	1,400 F
Voltage	240V AC
Electrical Phase	Single
Current	8.3A
Temperature Control Type	None
Heated Length	4 3/4"
Base End Unheated Length	3/4"
Tip End Unheated Length	1/2"
Power Source	Electric
Electrical Connection Type	Hardwire
Wire Connection Type	Wire Leads
Wire Lead Length	12"
Maximum Wire Lead Exposure Temperature	840°F°
Wire Lead OD	0.05"
Wire Lead Gauge	16

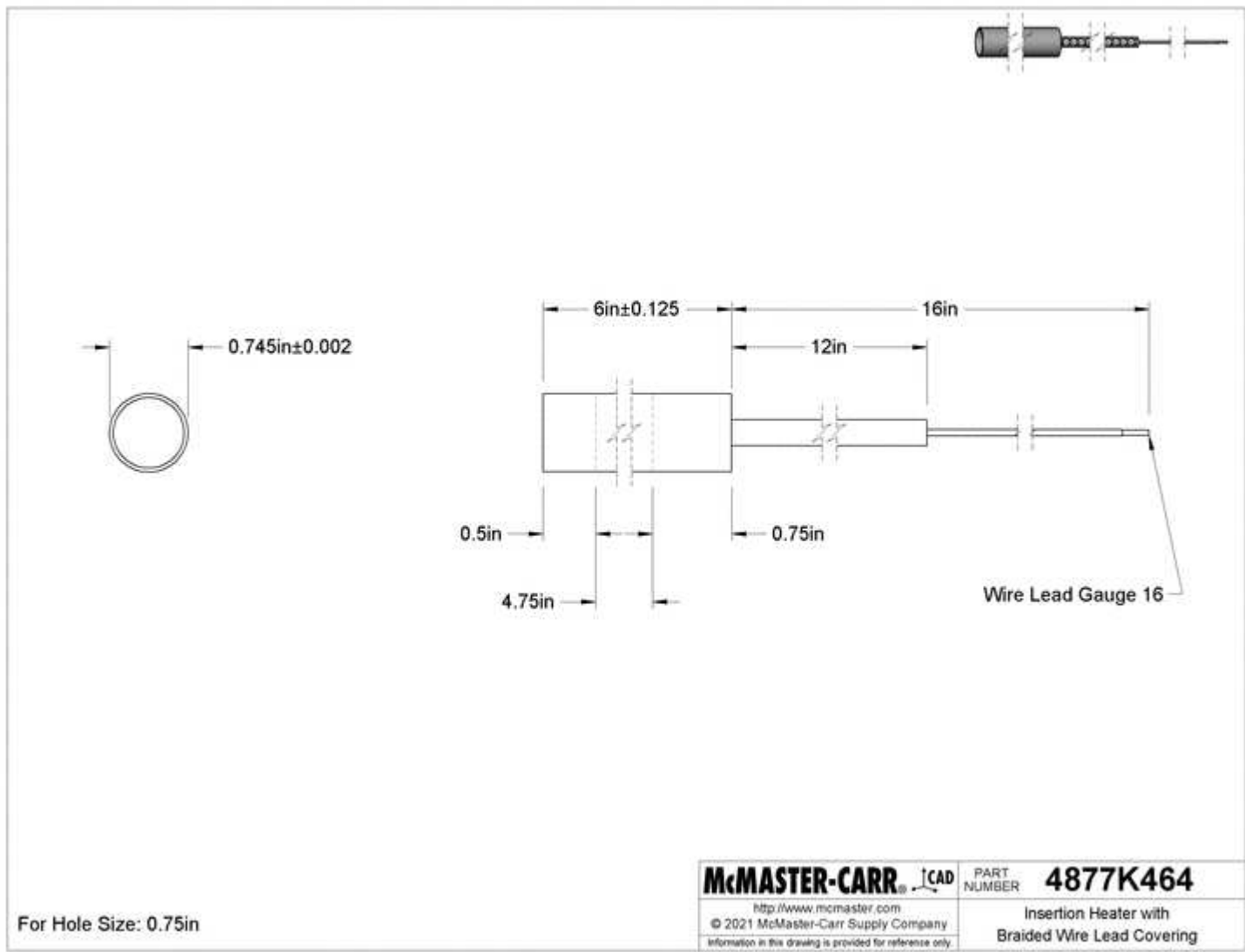
Wire Lead Insulation Material	Mica
Wire Lead Covering	Braided
Wire Lead Covering Length	12"
Wire Lead Covering Material	Stainless Steel
Wire Lead Covering OD	0.25"
Sheath Material	Incoloy
Insulation Material	Magnesium Oxide
Current	8.3 A
RoHS	RoHS 3 (2015/863/EU) Compliant
REACH	REACH (EC 1907/2006) (07/08/2021, 219 SVHC) Compliant
DFARS	Specialty Metals COTS-Exempt
Country of Origin	United States
USMCA Qualifying	No
Schedule B	851680.0000
ECCN	EAR99

Also known as cartridge heaters, insertion heaters install into drilled and reamed holes in metal parts for quick heating through direct contact. They require a [temperature switch or controller](#) (sold separately) to regulate heat output.

To ensure a precise hole fit, use a reamer to enlarge the hole to an exact size and smooth the walls of the hole for the most metal-to-metal contact between the heater and the part.

Braided stainless steel wire lead covering is more abrasion and damage resistant than standard wire lead covering.

Heaters with an Incoloy sheath have tightly wound, compressed heating elements for impact and vibration resistance. They also have excellent corrosion resistance.



The information in this 3-D model is provided for reference only.