

# TEMPERATURE SENSOR

## CHT-FS CYLINDER HEAD TEMPERATURE SENSOR - TYPE K

Flexible Stem CHT Temperature Sensor

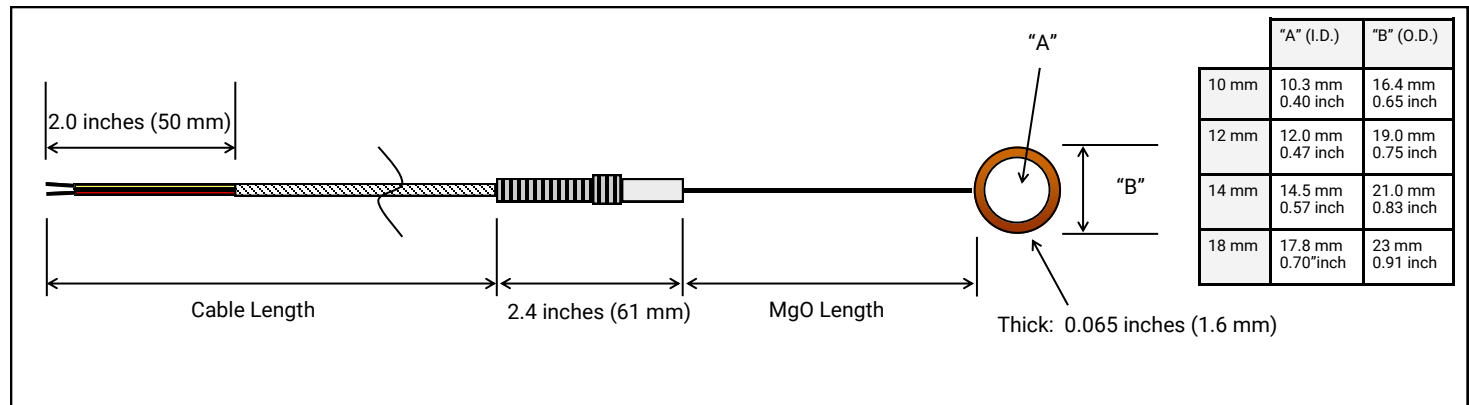
### FEATURES

- Type K thermocouple
- Choose for 10 mm, 12 mm, 14 mm, or 18 mm plug
- Stainless steel over-braid protected wires
- Designed for engine test & racing environments
- Made in the USA



### SPECIFICATIONS

<b>Thermocouple type:</b>	K
<b>Measuring Range:</b>	-148 to 1832°F (-100 to 1000°C)
<b>Accuracy:</b>	Greater of +/-0.4% of reading or +/- 1.1°C (Special Limits of Error)
<b>Flexible Stem Material:</b>	Inconel, melting point 2550°F (1400°C), MgO insulated, 0.062" OD
<b>Washer Material:</b>	Copper
<b>Sensing Junction:</b>	Ungrounded
<b>Response Time*:</b>	500 mS
<b>*Time Constant:</b>	Defined as the time required to reach 63.2% of an instantaneous temperature change Five time constants are required to approach 100% of the step change value
<b>Lead Wire:</b>	Stainless steel over-braiding over Teflon™ insulated, stranded wires, 24 gage



### ORDERING INFORMATION

Model	Cable Length	MgO Length	Spark Plug Size	Thermocouple Type	Connector
CHT-FS	-□□□	-□□	-□□	- K	- □
	072 72 inches 120 120 inches 300 300 inches	06 6 inches	10 10 mm plug 12 12 mm plug 14 14 mm plug 18 18 mm plug	K Type K	N No connector MP Male mini-plug SP Standard plug



### ORDERING EXAMPLE

CHT-FS-072-06-14-K-N: 72 inch long cable, 6 inch MgO, 14 mm spark plug size, Type K thermocouple, no connector

CUSTOM CONFIGURATIONS AVAILABLE

