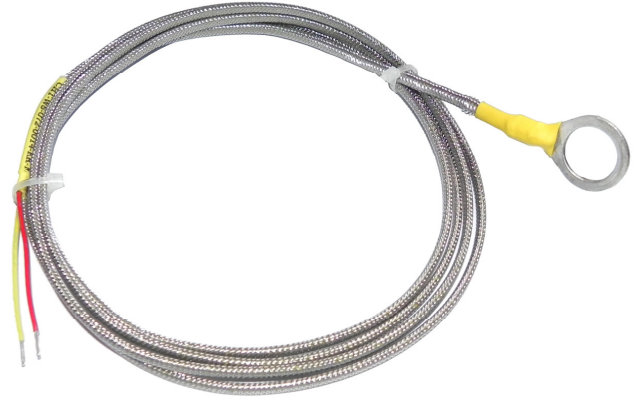


# CHT-WS Cylinder Head Temperature Sensor - Type K

## Ruggedized CHT Temperature Sensor

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



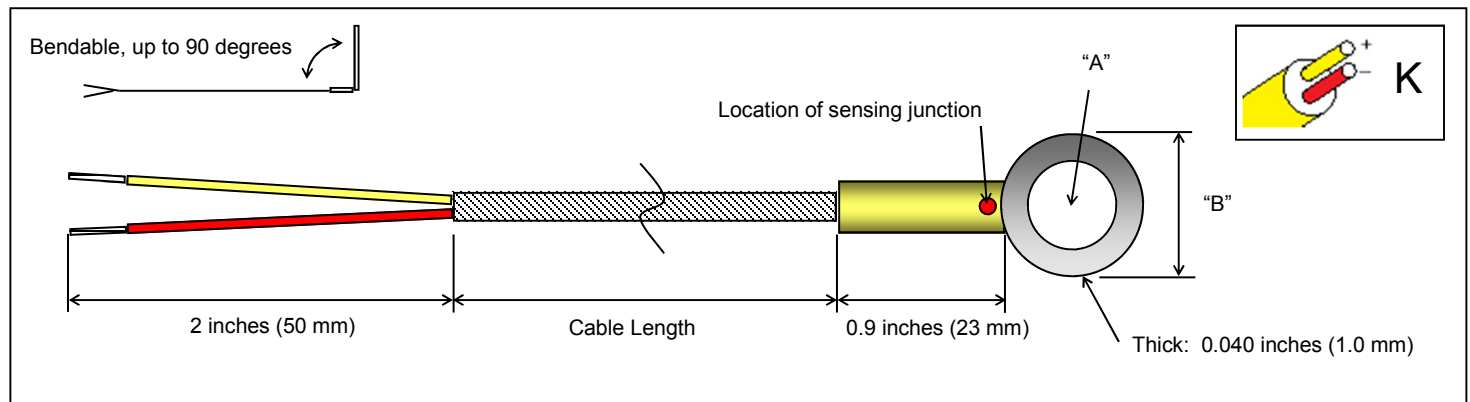
## Specifications

**Thermocouple type:** K  
**Range:** -40 to 500°F (-40 to 260°C)  
**Accuracy:** Greater of +/-0.4% of reading or +/- 1.1°C (Special Limits of Error)

**Sensing Junction:** Ungrounded  
**Response Time\*:** 1500 mS  
**\*Time Constant:** 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

**Cable:** Stainless steel over-braiding over Teflon™ insulated, stranded, 20 gage

**Wiring:** + = Yellow - = Red



## Ordering Information

Model	Cable Length	Spark Plug Size	Thermocouple Type	Connector
<b>CHT-WS</b>	- □ □ □	<b>-00</b> □ □	<b>-KK</b>	- □
	<b>072</b> 72 inches	<b>10</b> 10 mm plug		<b>N</b> No connector
	<b>144</b> 144 inches	<b>12</b> 12 mm plug		<b>MP</b> Male mini-plug
	<b>300</b> 300 inches	<b>14</b> 14 mm plug		<b>SP</b> Standard plug

## Dimension

	"A" (I.D.)	"B" (O.D.)
10 mm	10.0 mm 0.39 inch	15.0 mm 0.59 inch
12 mm	12.0 mm 0.48 inch	19.0 mm 0.77 inch
14 mm	14.5 mm 0.57"inch	20 mm 0.80 inch

## Ordering Example

**CHT-WS-072-0014-KK-N:** 72 inch long cable, 14 mm spark plug size, Type K thermocouple, no connector