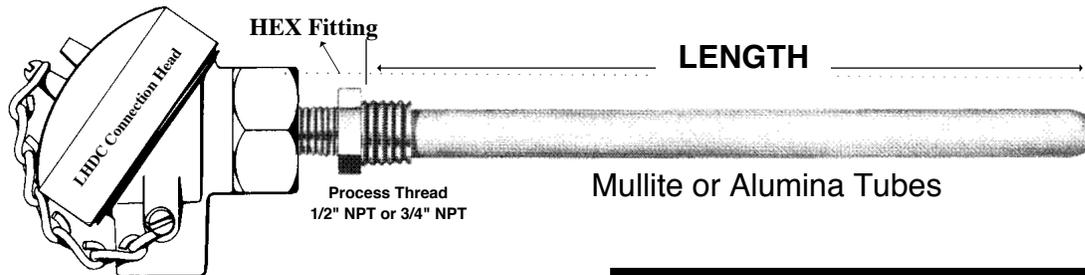


# High Temperature Industrial Thermocouples



**TIP**  
**Temperature Tools™**  
 1-800-TIP-TEMP

- FOR TEMPERATURES OVER 2000°F
- GLASS INDUSTRY
- HEAT TREATING
- OXIDIZING OR REDUCING ATMOSPHERES
- ADDITIONAL CONNECTION HEADS AVAILABLE

## HOW TO ORDER

Select **OUTLINED** text to create Part Number

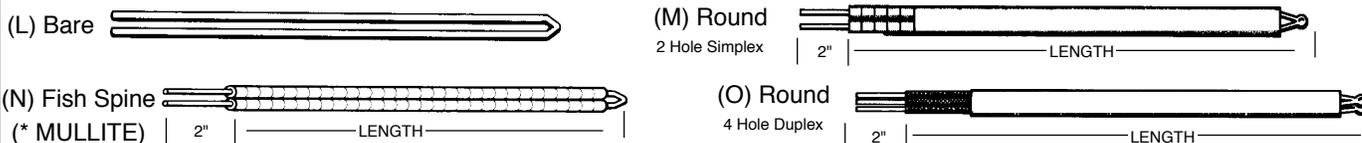
STYLE	T/C ELEMENT	WIRE GAGE	TUBE MATERIAL	TUBE DIA.	HEX FITTING	LENGTH
HTC1	<b>R</b> MAX Temp: 2700°F / 1482°C 13%Rh-Pt vs Pt	<b>20</b> .032 dia.	<b>MUL</b> — Mullite MAX.TEMP 3000°F/1648°C Excellent resistance to thermal shock. Fair mechanical strength. MOST COMMON	<b>14</b> = 1/4"	<b>F</b> 1/2" X 1/2" NPT Fits tubes from 1/4" to 1/2" DIA.	Specify Length From Hex In Inches
	<b>S</b> MAX Temp: 2700°F / 1482°C 10%Rh-Pt Vs Pt	<b>24</b> .020 dia.	<b>HPA</b> — Hi-Purity Alumina MAX.TEMP 3400°F/1870°C Fair resistance to thermal shock and mechanical shock. MOST PREFERRED	<b>38</b> = 3/8"	<b>G</b> 1/2" x 3/4" NPT Fits tubes from 3/8" to 3/4" DIA.	
	<b>B</b> MAX Temp: 3100°F / 1710°C 30%Rh-Pt Vs 6% Rh-Pt	<b>30</b> .010 dia.		<b>12</b> = 1/2"		
	<b>K</b> MAX Temp: 2300°F / 1250°C Chromel / Alumel * DUPLEX add additional callibration code EX: BB			<b>34</b> = 3/4"		



**SAMPLE PART NUMBER** ( HTC1 - R - 20 - HPA - 14 - F-24 ) CALLS OUT: Style HTC1 (High Temp Industrial T/C w/ head) - R calibration - 20 Gauge wire - High Purity Alumina tube - 1/4" od - 1/2" x 1/2" fitting - 24" length. Call Sales Office for current price.

## REPLACEMENT ELEMENT

ELEMENTS ARE INSULATED BY A DOUBLE BORE HIGH PURITY HARD FIRED ALUMINA INSULATOR.



STYLE	T/C CALIBRATION	WIRE GAGE	INSULATOR	LENGTH
HTE2	<b>R</b> 13%Rh-Pt vs Pt	<b>20</b> .032 dia.	<b>L</b> BARE —	SPECIFY
	<b>S</b> 10%Rh-Pt Vs Pt	<b>24</b> .020 dia.	<b>M</b> ROUND 2 HOLE	LENGTH
	<b>B</b> 30%Rh-Pt Vs 6% Rh-Pt	<b>30</b> .010 dia.	<b>N</b> * FISH SPINE	IN
	<b>K</b> Chromel / Alumel * DUPLEX add additional callibration code EX: BB		<b>O</b> ROUND 4 HOLE	INCHES



\* FOR SUPPORT COLLAR ADD SUFFIX ( *COLLAR* ) TO PART NUMBER