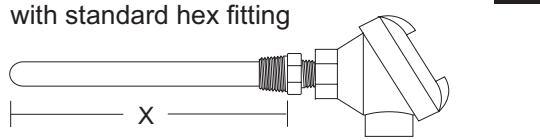
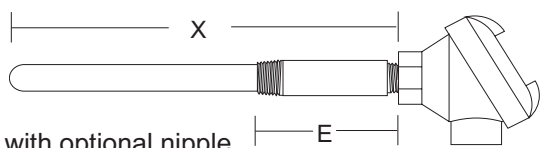
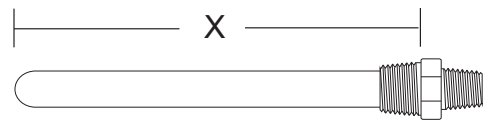
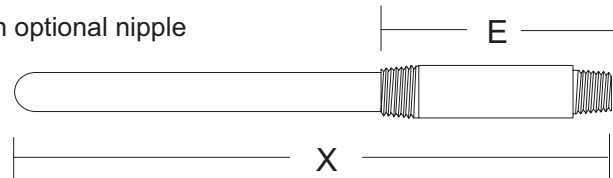


REOTEMP Ceramic Tube Thermocouple Assemblies

Complete Assemblies (Tube, Element, Head)

Ceramic Tube Assembly CTA	Head Type Connection A	Sensor Type KK	Wire Gauge 20	Tube Material/ Length M18	Tube OD/Hex Fitting Process NPT B	Options T																																																									
 <p>with standard hex fitting</p>  <p>with optional nipple</p>	A = Cast Iron B = Cast Aluminum	<table border="1"> <thead> <tr> <th>Single</th> <th>Dual</th> </tr> </thead> <tbody> <tr> <td colspan="2">Base Metal</td> </tr> <tr> <td>K</td> <td>KK</td> </tr> <tr> <td>J</td> <td>JJ</td> </tr> <tr> <td>E</td> <td>EE</td> </tr> <tr> <td>T</td> <td>TT</td> </tr> <tr> <td>M</td> <td>MM</td> </tr> <tr> <td colspan="2">Noble Metal</td> </tr> <tr> <td>R</td> <td>RR</td> </tr> <tr> <td>S</td> <td>SS</td> </tr> <tr> <td>B</td> <td>BB</td> </tr> </tbody> </table>	Single	Dual	Base Metal		K	KK	J	JJ	E	EE	T	TT	M	MM	Noble Metal		R	RR	S	SS	B	BB	<table border="1"> <thead> <tr> <th>AWG</th> </tr> </thead> <tbody> <tr> <td>Base</td> </tr> <tr> <td>20</td> </tr> <tr> <td>14</td> </tr> <tr> <td>8</td> </tr> <tr> <td>Noble</td> </tr> <tr> <td>24</td> </tr> <tr> <td>26</td> </tr> </tbody> </table>	AWG	Base	20	14	8	Noble	24	26	<table border="1"> <thead> <tr> <th>Material</th> </tr> </thead> <tbody> <tr> <td>A = Alumina (to 3400F)</td> </tr> <tr> <td>M = Mullite (to 2700F)</td> </tr> <tr> <th>Length (x)</th> </tr> <tr> <td>12 = 12 Inches</td> </tr> <tr> <td>18 = 18 Inches</td> </tr> <tr> <td>24 = 24 Inches</td> </tr> <tr> <td>30 = 30 Inches</td> </tr> <tr> <td>36 = 36 Inches</td> </tr> <tr> <td><i>other - specify</i></td> </tr> </tbody> </table>	Material	A = Alumina (to 3400F)	M = Mullite (to 2700F)	Length (x)	12 = 12 Inches	18 = 18 Inches	24 = 24 Inches	30 = 30 Inches	36 = 36 Inches	<i>other - specify</i>	<table border="1"> <tbody> <tr> <td>A = 3/8"OD x 1/2"NPT</td> </tr> <tr> <td>B = 11/16"OD x 3/4"NPT</td> </tr> <tr> <td>C = 1"OD x 1 1/4"NPT</td> </tr> <tr> <td>D = 1 1/16" OD x 1" NPT</td> </tr> </tbody> </table>	A = 3/8"OD x 1/2"NPT	B = 11/16"OD x 3/4"NPT	C = 1"OD x 1 1/4"NPT	D = 1 1/16" OD x 1" NPT	<table border="1"> <thead> <tr> <th>Process Connection</th> </tr> </thead> <tbody> <tr> <td>(Std. = Steel Hex Ftg.)</td> </tr> <tr> <td>N = Pipe Nipple (specify length "E")</td> </tr> <tr> <td>F = Malleable Iron Flange</td> </tr> <tr> <td>S = Stainless Fitting</td> </tr> <tr> <th>Hot Junction Styles</th> </tr> <tr> <td>(Std. = plain)</td> </tr> <tr> <td>T = Twisted</td> </tr> <tr> <td>I = Insulated</td> </tr> <tr> <th>Insulator Styles</th> </tr> <tr> <td>(Std. = round ceramic)</td> </tr> <tr> <td>C = Oval Ceramic</td> </tr> <tr> <td>Q = Other (specify)</td> </tr> </tbody> </table>	Process Connection	(Std. = Steel Hex Ftg.)	N = Pipe Nipple (specify length "E")	F = Malleable Iron Flange	S = Stainless Fitting	Hot Junction Styles	(Std. = plain)	T = Twisted	I = Insulated	Insulator Styles	(Std. = round ceramic)	C = Oval Ceramic	Q = Other (specify)
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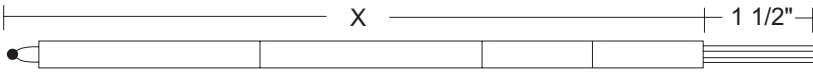
Ceramic Tubes Only (No Element or Head)

Ceramic Tube- Tube Only CTT	Tube Material/ Length M18	Tube OD/Hex Fitting Process NPT B	Process Connection N3																			
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Thermocouple Replacement Elements

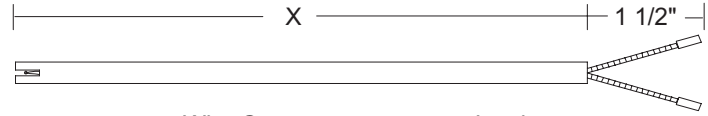
For Use in REOTEMP Ceramic Protection Tubes, or in other manufacturers' protection tubes.

Base Metal Thermocouples



Element	Type	Wire Gauge	Insulator	Length (x)	Hot Junction Style	Lead Length																																																			
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Noble Metal Thermocouples



Element	Type	Wire Gauge	Insulator	Length (x)	Hot Junction Style	Leads																				
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