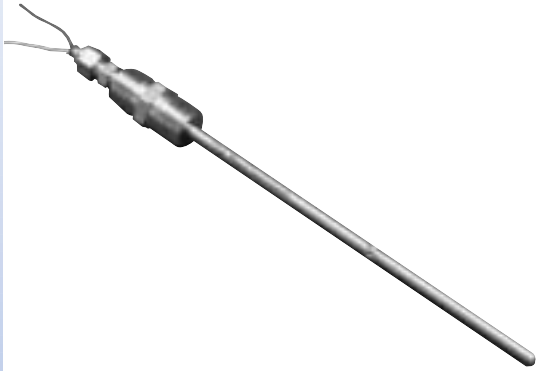
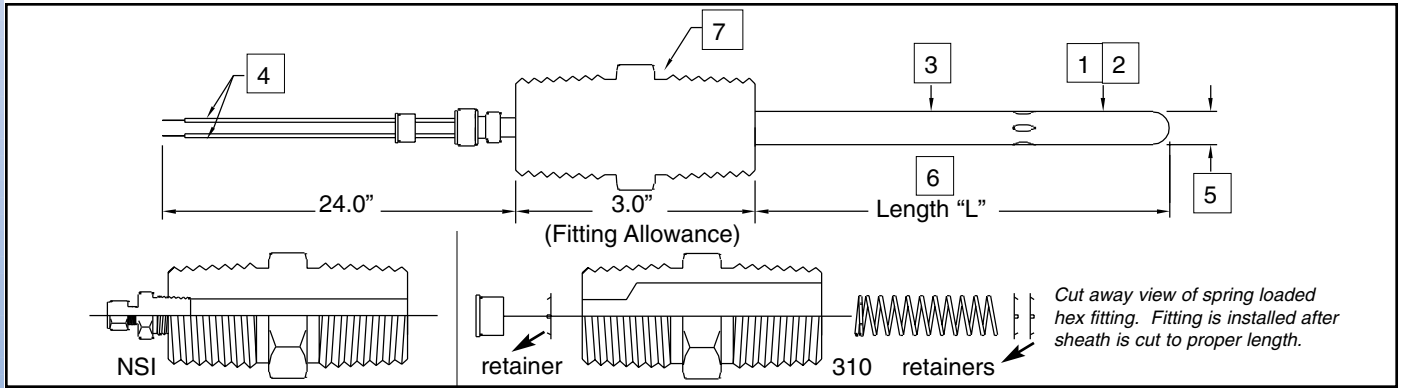


## Model 110 Field-Cuttable Thermocouple

Stocking “cuttables” can reduce inventory and down time as the 110 can be easily cut to the required length in the field and a fitting can be installed in a matter of minutes.



**Model 110** is designed to be used with optional connection or spring-loaded fittings.



### Specifications:

1. Base Model	Base Model/Series Number.
2. A. Accuracy: B. Type: C. Response Time: D. Tip Sensitivity:	ANSI Special Limits of Error is standard. See Thermocouple General Specifications. Application dependent. See Thermocouple General Specifications. Dependent on sheath diameter and measuring junction. See Thermocouple General Specifications. Thermocouples are inherently tip sensitive.
3. Grounded: Ungrounded:	At the tip, thermocouple wires are attached to inside of probe wall, resulting in quick response time. At the tip, thermocouple wires are insulated from the inside of probe wall, results are a slower response time but increased isolation.
4. Construction:	Code A - 316SS tube construction, teflon insulated lead wire. Code F - 316SS tube construction, fiberglass insulated lead wire.
5. Lead Wires:	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>Single</p> </div> <div style="text-align: center;"> <p>Dual</p> </div> </div>
6. Sheath Diameter:	.250" (1/4") is industry standard.
7. Sheath Length:	Entire cuttable length plus 3.0" fitting allowance.
8. Optional Fittings:	Sensor is not supplied with mounting hardware, specify optional fitting.
9. Tube Cutter:	Optional tube cutter.

Model	Description	
110	Field Cuttable Thermocouple	
1	Code	R <sub>0</sub> & Temperature Coefficient
	J	Type J Thermocouple 32 to 1400°F ( 0 to 760°C)
	K	Type K Thermocouple -328 to 2300°F (-200 to 1260°C)
	T	Type T Thermocouple -328 to 700°F (-200 to 371°C)
	E	Type E Thermocouple -328 to 1600°F (-200 to 871°C)
	R	Type R Thermocouple 32 to 2700°F ( 0 to 1482°C)
	S	Type S Thermocouple 32 to 2700°F ( 0 to 1482°C)
	B	Type B Thermocouple 32 to 3100°F ( 0 to 1704°C)
	N	Type N Thermocouple -454 to 2372°F (-270 to 1300°C) Add "MT" for matched to transmitter. See Thermocouple General Specifications.

2	Code	Junction Type
	G	Grounded
	U	Ungrounded

3	Code	Construction Temperature Limit
	A	500° F Maximum
	F	900° F Maximum

4	Code	Number of Lead Wires
	2	2-Wire Single Thermocouple
	4	4-Wire Dual Thermocouple

5	Code	Sheath Diameter
	C	.250" Diameter

6	Code	Sheath Length
	24	24" (27" Overall)
	48	48" (51" Overall)
	Other	Consult Factory

7	Code	Optional Compression Fittings
	C1S	Compression: 1/4" Sheath x 1/8" NPT SS
	C2S	1/4" Sheath x 1/4" NPT SS
	C3S	1/4" Sheath x 1/2" NPT SS
	NS1	1/4" Sheath x 1/2" NPT Hex Nipple
	FS5	Spring Loaded: 1/4" Sheath 1/2" X 1/2" Hex Fitting wt adjustable fluid seal
	310 Other	1/2" X 1/2" Hex Fitting Kit Consult Factory

8	Code	Option
	TC1	Tube Cutter

9	
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110	-	J	-	G	-	A	-	2	-	C	-	24	-	NSI	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Sample Model Number  
Your Model Number

