

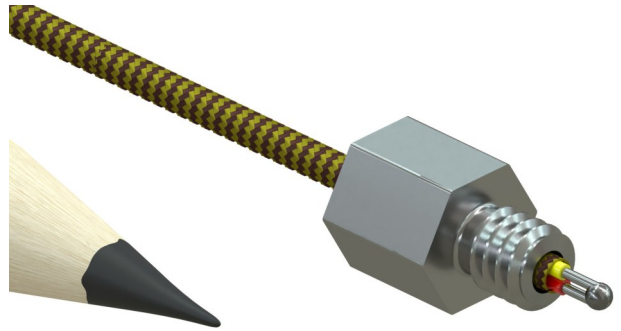
TEMPERATURE SENSOR

MINIATURE BEADED WIRE THREADED STUD THERMOCOUPLE

#8-32 Male Threaded Welded Wire Tip Thermocouple

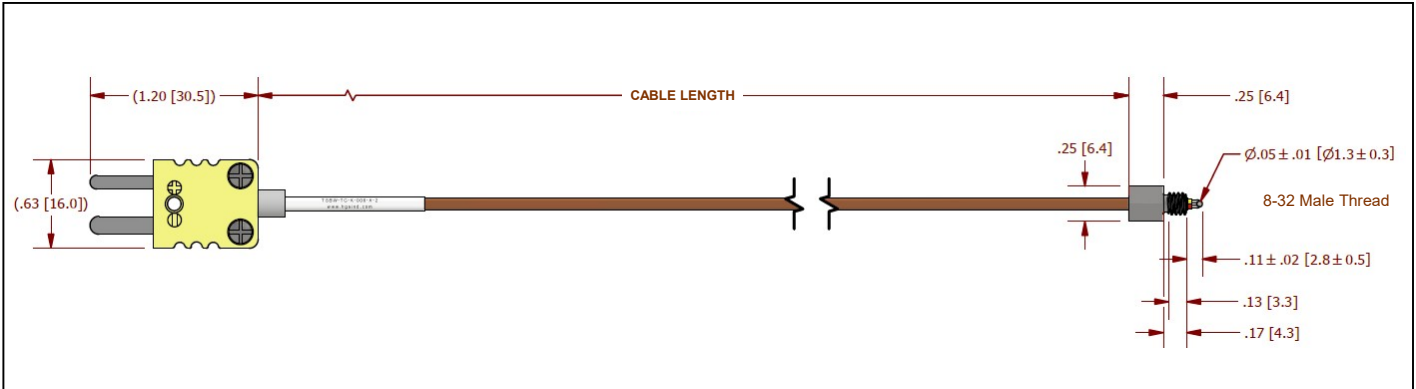
FEATURES

- Type E, J, K, or T thermocouple
- Stainless steel hex fitting for durability
- Made in the USA
- Fast Response Time
- Designed for research & development applications



SPECIFICATIONS

Thermocouple type: E, J, K, or T
Accuracy: Greater of +/-0.4% of reading or +/- 1.1°C (Special Limits of Error)
Fitting Housing Material: 316 Stainless Steel
Fitting Thread: #8-32 Male
Response Time*: 1.2 Seconds
***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
Lead Wire: 24 AWG, solid conductors



ORDERING INFORMATION

Model	TC Type	Cable Length	Cable Insulation	Termination
TSBW-TC	- □	- □□□	- □	- □
	E = E J = J K = K T = T	(in inches) Example: 006 6 inches	A = FEP C = PFA D = PVC E = Fiberglass (rated to 900°F) F = High Temperature Fiberglass (rated to 1200°F) G = Kapton	0 = Bare Ends 1 = Mini Jack 2 = Mini Plug 3 = Standard Jack 4 = Standard Plug

ORDERING EXAMPLE

TSBW-TC-K-006-A-0: Threaded Stud Thermocouple, 6 inch long cable, FEP cable insulation, Type K, no connector

CUSTOM CONFIGURATIONS AVAILABLE

