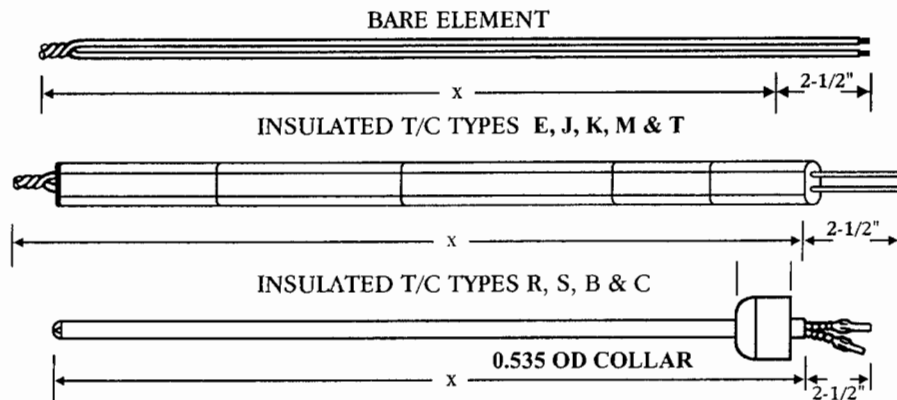


Straight Thermocouple Elements



Acrolab thermocouple elements and components which go into the making of complete thermocouple assemblies, are illustrated on pages 5 through 8. One or all parts of an assembly may be ordered separately however, for your convenience we have arranged the most common, standard length, complete assemblies in charts found on pages 10 through 13.

1. TYPE	2. WIRE GAUGE	3. INSULATION	4. LENGTH (inches)	5. OPTIONS
E (Chromel Constantan) 20 ga.	Code C.I. Dimensions	00 - No insulator	012 - 12 in.	1 - Twist and Weld
J (Iron Constantan) 8, 11, 14, 20 ga.	8 -.437 x .250	CI - Ceramic insulators two Hole oval	018 - 18 in.	
K (Chromel Alumel) 8, 11, 14, 20 ga.	11 -.375 x .218	CD - Duplex thermocouple	024 - 24 in.	2 - Butt Weld
T (Copper Constantan) 14, 20 ga.	14 -.313 x .188	Type E, J, K, T, M thermocouples supplied with refractory insulators — 2475°F max. Temp.	030 - 30 in.	3 - Special construction.
M (Nickel - Nickel 18% Moly) 11, 18 ga.	18 -.313 x .188	Type R, S, B, C thermocouples supplied with 99.7% Alumina Insulators — 3400°F max. temp.	036 - 36 in.	
R (Plat. - Plat.13% RH) 24, 26 ga.	20 -.172 x .118	Type N	- Other	
S (Plat. - Plat.10% RH) 24, 26 ga.	24 -.188 OD w/ .535 OD collar		- Specify	
B (Plat. 30% RH - Plat. 6% RH) 24 ga.	26 -.188 OD w/ .535 OD collar			
C (Tung 5% Re - Tung 26% Re) 24 ga.				
N (Nicrosil Nisil) 8, 14ga.				

NOTE: Actual length will be 2½" longer than specified length to allow for terminal connections

EXAMPLE PART NUMBER : K8CI - 012 - 1

STRAIGHT THERMOCOUPLE ASSEMBLY ORDER NUMBER

