

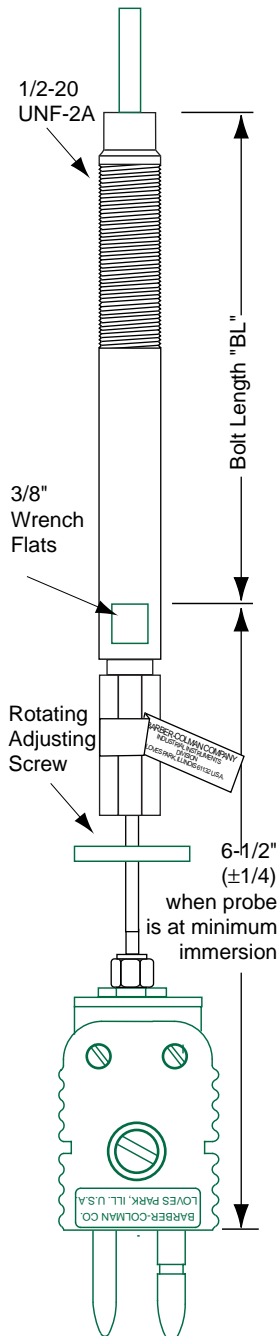
Retractable Melt Bolt T/C

Retractable Melt Bolt Thermocouple

Introduction

The retractable melt bolt thermocouple measures melt stream temperature under working conditions. It can be installed wherever standard melt bolt thermocouples are used. Bolt lengths of 3", 5" and 7" are available. A ceramic insulator in the bolt tip reduces conduction from the barrel.

The probe is fitted with a positive stop to prohibit removal unless the hex nut is disengaged from the bolt. The 1/8" diameter probe provides minimum barrier to melt flow. You can adjust the tip of the probe from 1/8" to 1" on standard models; other depth ranges are available under special order. The element leads are MgO insulated; the measuring junction is exposed for fast response and rated to 900°F. This thermocouple is available with either single or dual Type J elements. Replacement elements are available.



Schedule: S2

Size	Model Number	Assembly Price	Replacement Element	Price
Single Element				
3"	A-10528-100-0-03		A-10529-100-0-03	
5"	A-10528-100-0-05		A-10529-100-0-05	
7"	A-10528-100-0-07		A-10529-100-0-07	
Dual Elements				
3"	A-10528-100-1-03.		A-10529-100-0-03	
5"	A-10528-100-1-05.		A-10529-100-0-05 .	
7"	A-10528-100-1-07.		A-10529-100-0-07	

Options

Support Tube

The thermocouple can be ordered with a 3/16" o.d. support tube surrounding the probe for added strength. This option may be effective under certain flow conditions, or extended immersion. Simply specify "with 3/16" support tube" on order

Special Immersion Range

0 to 7/8"

Specify "special immersion of 0 to 7/8 inches" on order.

Greater than 7/8"

Specify "special immersion of _____ to _____ inches" on order.

Special Bolt Length Consult Factory

Note: Thermocouples with options will be assigned a unique model number at the factory for future reference.