Melt Bolt Thermocouples for Plastic Extruders or Injection Molding Machines

**Design Features**

- **Bolt Material**: Stainless Steel
- **Probe Material**: Stainless Steel
- **Probe Diameter**: Standard 1/8”
- **Calibration**: ANSI Type J (Iron-Constantan)
- **Junction Style**: Closed End Grounded

**Style A—Adjustable Tip**

- Eliminates excess inventory.
- Tip can be field adjusted from flush to 2 inches.
- MgO insulated.
- Can be installed wherever standard melt thermocouples are in use.
- Bolt with Teflon® insert at tip has a maximum operating temperature of 500°F (260°C). Without insert 1400°F (760°C).

†For 1/8” diameter, it is not recommended to immerse tip more than 1” due to bending and breakage in melt flow.

**Part Number**

<table>
<thead>
<tr>
<th>Thermocouple Diameter</th>
<th>Without Teflon® Insert</th>
<th>With Teflon® Insert</th>
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</thead>
<tbody>
<tr>
<td>L = 3”</td>
<td>L = 6”</td>
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<tr>
<td>MgO</td>
<td>MgO</td>
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<td>TMB00001</td>
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<td>TMB00005</td>
<td>TMB00006</td>
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**Style E—Fixed Immersion with Rigid Extension**

**Insulation—MgO or Fiberglass**

**Style R—Fixed Immersion with No Extension**

**Insulation—MgO**

**Style F—Fixed Immersion with Flexible Extension**

**Insulation—Fiberglass only**

*Stock Items Are Shown In RED*

See page 14-101 for Blank Melt Bolts