# **Temperature Sensing**



## **Resistance Temperature Sensing**

## Melt Bolt RTDs for Plastics Extruders or Injection Molding Machines

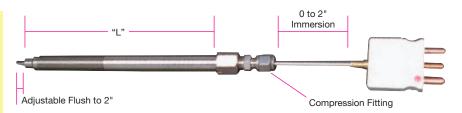
#### **Design Features**

- \* 3/16" diameter Probe
- \* 100 ohm Class B element per IEC 751
- \* 3-wire circuit

- \* Can be installed wherever standard melt thermocouples are used
- \* Operating temp.  $392^{\circ}F$  ( $200^{\circ}C$ ), 900°F (482°C) available
- \* Available in 3" and 6" bolt designs
- \* Bolts and Probes are 300 series stainless steel

#### Style RT1 - Adjustable Tip

- RTD tip immersion length can be field adjusted from flush to 2"
- Eliminates excess inventory



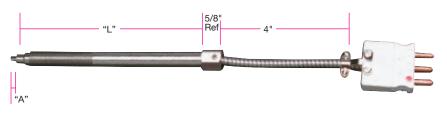
Part Number		
L = 3"	L = 6"	
RTP00001	RTP00002	

## Style RT2—Rigid Plug Mount Fixed Tip



Part Number	<b>"A"</b> (in)	<b>"L"</b> (in)
RTP00003	Flush	3
RTP00004	1/4	3
RTP00005	1/2	3
RTP00006	3/4	3
RTP00007	1	3
RTP00008	Flush	6
RTP00009	1/4	6
RTP00010	1/ <sub>2</sub> 3/ <sub>4</sub>	6
RTP00011	3/4	6
RTP00012	1	6

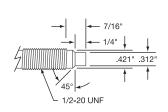
#### Style RT3-Flexible Mounted Plug



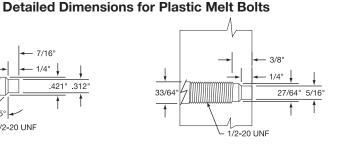
Part Number	<b>"A"</b> (in)	" <b>L</b> " (in)
RTP00013	Flush	3
RTP00014	1/4	3
RTP00015	1/2	3
RTP00016	3/4	3
RTP00017	1	3
RTP00018	Flush	6
RTP00019	1/4	6
RTP00020	1/2	6
RTP00021	3/4	6
RTP00022	1	6

#### **Blank Melt Bolts**





**Bolt-Tip Dimensions** 



Recommended drilling dimensions for proper mounting in extruder barrel.