Cartridge Heaters

Mounting Fitting Termination & Option

Cartridge Heater Termination — Single Ended National Pipe Thread (NPT) Fitting

**Type CM** Fig. 1 – Fitting Flush with Lead End of Sheath

Insertion Length

**CMB & CMP are available through the Hi-Density Cartridge Heater Terminator Program for 2nd or 3rd Day Shipping**

**NOTE:** Stainless steel fittings are available through the Terminator program for heaters 1/2" diameter and larger.

**Note:** Fitting can be offset from end of sheath. See Figure 2, Single Threaded Mounting Options CMV and CMW below.

**Standard NPT Bushing Dimensions** (Fig. 1 & Fig. 2)

<table>
<thead>
<tr>
<th>Heater Diameter (in)</th>
<th>NPT Size</th>
<th>“A”</th>
<th>“B”</th>
<th>“C”</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4</td>
<td>½-27</td>
<td>3/8</td>
<td>3/16</td>
<td>7/16</td>
</tr>
<tr>
<td>3/8</td>
<td>¾-18</td>
<td>1/2</td>
<td>3/16</td>
<td>9/16</td>
</tr>
<tr>
<td>1/2</td>
<td>¾-18</td>
<td>9/16</td>
<td>1/4</td>
<td>11/16</td>
</tr>
<tr>
<td>5/8</td>
<td>½-14</td>
<td>5/8</td>
<td>1/4</td>
<td>7/8</td>
</tr>
<tr>
<td>3/4</td>
<td>½-14</td>
<td>3/4</td>
<td>1/4</td>
<td>1-1/8</td>
</tr>
<tr>
<td>7/8</td>
<td>1-1½</td>
<td>3/4</td>
<td>1/4</td>
<td>1-3/8</td>
</tr>
<tr>
<td>1</td>
<td>1-1½</td>
<td>3/4</td>
<td>1/4</td>
<td>1-3/8</td>
</tr>
<tr>
<td>1-1/4</td>
<td>1½-1⅞</td>
<td>7/8</td>
<td>5/16</td>
<td>1-3/4</td>
</tr>
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Type Codes for Single Threaded Fittings

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<thead>
<tr>
<th>Potting Seal Type</th>
<th>Fitting Material</th>
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<tbody>
<tr>
<td>Low Temp Epoxy</td>
<td>CMA</td>
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<tr>
<td>Hi-Temp Cement</td>
<td>CMB</td>
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<tr>
<td>Silicone Rubber</td>
<td>CMC</td>
</tr>
<tr>
<td>Hi-Temp Epoxy</td>
<td>CMD</td>
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<tr>
<td>CMN</td>
<td>Stainless Steel</td>
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<tr>
<td>CPM</td>
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<td>CMQ</td>
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<td>CMR</td>
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</table>

Single Ended National Pipe Thread (NPT) Fitting Option

**Type CM** Fig. 2 – Fitting Offset from Lead End of Sheath

Overall Sheath Length

Insertion Length

**Hi-Density Cartridge Immersion Heater Specifically Designed for Heating Water & Other Liquids**

See Page 2-23.

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