**Product Information**

**Part Number:** 78245

**Thermal Resistance:**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Thermal Resistance °C/W at 3in length</th>
<th>Width in</th>
<th>Height in</th>
<th>Surface Area in²in</th>
</tr>
</thead>
<tbody>
<tr>
<td>78245</td>
<td>2.98</td>
<td>1.06</td>
<td>2.36</td>
<td>23.5</td>
</tr>
</tbody>
</table>

**Thermal Curves**

Based on 3.000 in length

- New Length [3.000 in](#) 

**Natural Convection**

- **Heat Sink Temperature Rise Above Ambient**
  - Heat Thermal R
  - 40.0
  - 30.0
  - 20.0
  - 10.00
  - 7.50
  - 5.00
Forced Convection

Heat Sink Temperature Rise Above Ambient (10W Dissipated)

Air Flow (m/s)

Air Flow (LFM)

Building a Part Number

Full Bar Length = 8.20ft

<table>
<thead>
<tr>
<th>Base Part #</th>
<th>Bar Length</th>
<th>Finish</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>78245</td>
<td>1 Full</td>
<td>F Unfinished</td>
<td>0 0 0 0 0</td>
</tr>
<tr>
<td></td>
<td>2 Half</td>
<td>F Unfinished</td>
<td>0 0 0 0 0</td>
</tr>
</tbody>
</table>
For unfinished extrusions with cut lengths other than half bar, the finish designa
Standard Aavid Thermalloy parts require all 12 positions to be complete.

Non-Standard Extrusions

Aavid Thermalloy has over 10,000 extrusion profile designs on file, most with the extrusion die already ava
minimum order requirements and longer lead times, but may be cost effective compared to a new design.

Customizing & Advanced Capabilities

We offer several options for those applications which require a more unique solution. Challenge us with yo
requirements - we can design custom solutions.

<table>
<thead>
<tr>
<th>3 Custom</th>
<th>B Black Anodized</th>
<th>C Gold Chromate</th>
<th>U* Unfinished</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

78245

*For unfinished extrusions with cut lengths other than half bar, the finish designa

indicate length in
to three decimal p
1 5 2 5 0 = 15.