The 0° back bonding wedge is designed for use with aluminum wire in all conventional bonding machines. The 0° back angle is designed to solve problems of package wall height clearance around the lead.

The notched tip minimizes wire drag during the looping formation preventing heel cracks and broken wires.

### STANDARD DIMENSIONS

<table>
<thead>
<tr>
<th>Tool Style</th>
<th>Hole / Bond Flat</th>
<th>Hole H</th>
<th>Bond Flat BF</th>
<th>Front Radius FR</th>
<th>Back Radius BR</th>
<th>Tip Thickness T</th>
<th>Tip Thickness F</th>
<th>Usable Wire Diameter in μm</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>0.020 / 0.1</td>
<td>0.020 / 0.05</td>
<td>0.020 / 0.06</td>
<td>0.003 / 0.006</td>
<td>0.003 / 0.006</td>
<td>0.004 / 0.008</td>
<td>0.004 / 0.008</td>
<td>0.007 / 0.016 through 0.010 / 0.02</td>
</tr>
<tr>
<td>2030</td>
<td>0.020 / 0.1</td>
<td>0.020 / 0.05</td>
<td>0.020 / 0.06</td>
<td>0.003 / 0.006</td>
<td>0.003 / 0.006</td>
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</tr>
<tr>
<td>2040</td>
<td>0.020 / 0.1</td>
<td>0.020 / 0.05</td>
<td>0.020 / 0.06</td>
<td>0.003 / 0.006</td>
<td>0.003 / 0.006</td>
<td>0.004 / 0.008</td>
<td>0.004 / 0.008</td>
<td>0.007 / 0.016 through 0.010 / 0.02</td>
</tr>
<tr>
<td>2050</td>
<td>0.020 / 0.1</td>
<td>0.020 / 0.05</td>
<td>0.020 / 0.06</td>
<td>0.003 / 0.006</td>
<td>0.003 / 0.006</td>
<td>0.004 / 0.008</td>
<td>0.004 / 0.008</td>
<td>0.007 / 0.016 through 0.010 / 0.02</td>
</tr>
<tr>
<td>2060</td>
<td>0.020 / 0.1</td>
<td>0.020 / 0.05</td>
<td>0.020 / 0.06</td>
<td>0.003 / 0.006</td>
<td>0.003 / 0.006</td>
<td>0.004 / 0.008</td>
<td>0.004 / 0.008</td>
<td>0.007 / 0.016 through 0.010 / 0.02</td>
</tr>
<tr>
<td>2070</td>
<td>0.020 / 0.1</td>
<td>0.020 / 0.05</td>
<td>0.020 / 0.06</td>
<td>0.003 / 0.006</td>
<td>0.003 / 0.006</td>
<td>0.004 / 0.008</td>
<td>0.004 / 0.008</td>
<td>0.007 / 0.016 through 0.010 / 0.02</td>
</tr>
<tr>
<td>2080</td>
<td>0.020 / 0.1</td>
<td>0.020 / 0.05</td>
<td>0.020 / 0.06</td>
<td>0.003 / 0.006</td>
<td>0.003 / 0.006</td>
<td>0.004 / 0.008</td>
<td>0.004 / 0.008</td>
<td>0.007 / 0.016 through 0.010 / 0.02</td>
</tr>
</tbody>
</table>

**FOOT OPTIONS**

Concave (Standard)

The Concave Depth (CD) is typically 10 to 15% of the usable wire diameter. There are small side flats on the edges to reduce edge chipping and minimize tool marks on the bond pad if the wire is missing.

- **C**: The FR and BR are polished. A fine matte finish within the area of the BF (Most Commonly Specified)
- **CM**: The FR, BR, and BF are matte.

**Flat (Optional)**

- **F**: The FR and BR are polished. A fine matte finish within the area of the BF (Most Commonly Specified)
- **FM**: The FR, BR, and BF are matte.

**Special foot options are available. Consult the factory for recommended dimensions for special foot options.**

**HOW TO ORDER**

**SPECIFY**
- Style – Material – Hole/Bond Flat – Tool Length – Foot Option
- For modifications to standard tools, use part number and specify modified dimensions or contact our technical support staff for assistance with your requirements. For Special Shank Style refer to page 61.

**EXAMPLE**
- 1200A-W-2525-S-L
- 1200B-W-2530-S-C
- 1300A-W-2020-SH-FM
- 1110A-W-2025-S-C