



1008A SIDE WIRE BONDING WEDGE

STANDARD DIMENSIONS

Tool Styles	Foot Length FL in / $\mu\text{m}$ $\pm .0002/5$	Foot Width W in / $\mu\text{m}$ $\pm .0002/5$	Cross Groove Depth CGD in / $\mu\text{m}$ $\pm .0001/3$	Cross Groove Radius CGR in / $\mu\text{m}$ $\pm .0001/3$	Useable Wire Diameter WD in / $\mu\text{m}$ (Ref)
1008A	.0030 / 76	.0020 / 51 to .0040 / 102	.0005 / 13	.0005 / 13	.0010 / 25
1008A	.0035 / 89	.0020 / 51 to .0040 / 102	.0005 / 13	.0005 / 13	.0010 / 25
1008A	.0040 / 102	.0020 / 51 to .0040 / 102	.0005 / 13	.0005 / 13	.0010 / 25
1008A	.0045 / 114	.0020 / 51 to .0040 / 102	.0005 / 13	.0005 / 13	.0010 / 25
1008A	.0050 / 127	.0020 / 51 to .0040 / 102	.0005 / 13	.0005 / 13	.0010 / 25
1008A	.0060 / 152	.0020 / 51 to .0040 / 102	.0005 / 13	.0005 / 13	.0010 / 25
1008A	.0045 / 114	.0030 / 76 to .0050 / 127	.0008 / 19	.0008 / 19	.0015 / 38
1008A	.0050 / 127	.0030 / 76 to .0050 / 127	.0008 / 19	.0008 / 19	.0015 / 38
1008A	.0060 / 152	.0030 / 76 to .0050 / 127	.0008 / 19	.0008 / 19	.0015 / 38
1008A	.0070 / 178	.0030 / 76 to .0050 / 127	.0008 / 19	.0008 / 19	.0015 / 38
1008A	.0090 / 229	.0030 / 76 to .0050 / 127	.0008 / 19	.0008 / 19	.0015 / 38
1008A	.0060 / 152	.0040 / 102 to .0060 / 152	.0010 / 25	.0010 / 25	.0020 / 51
1008A	.0070 / 178	.0040 / 102 to .0060 / 152	.0010 / 25	.0010 / 25	.0020 / 51
1008A	.0080 / 203	.0040 / 102 to .0060 / 152	.0010 / 25	.0010 / 25	.0020 / 51
1008A	.0090 / 229	.0040 / 102 to .0060 / 152	.0010 / 25	.0010 / 25	.0020 / 51
1008A	.0100 / 254	.0040 / 102 to .0060 / 152	.0010 / 25	.0010 / 25	.0020 / 51

STYLE	
1008A	SIDE WIRE BONDING WEDGE STANDARD 10° BACK
MATERIAL	
C	<p>Will rely on specific application requirements (wire diameter used, bond pad size) – see dimension Table</p> <p>Cermet composite for Gold Wire (recomended for Low Temperature bonding)</p> <p>Microloy (Osmium-Carbide Alloy) for Gold &amp; Aluminum Wire</p> <p>Titanium Carbide Composite for Gold Wire</p> <p>Tungsten Carbide Ultra Fine Grain for Aluminum Wire</p>
FOOT LENGTH	
M	Longer lengths are available consult Bonder manufacturer for specifications.
TOOL LENGTH (TL)	
S	= .437 / 11.1 mm
¾	= .750 / 19.05 mm
L	= .828 / 21.0 mm
1.00	= 1.00 / 25.4 mm

  

FOOT OPTIONS	
M	Matte finish on tip

  

HOW TO ORDER	
<b>SPECIFY</b>	<p><b>Style – Material – Tool Diameter – Tool Length – Foot Design</b> (Specify FL, W, CGD and CGR dimensions). For Special Shank Style refer to page 61.</p>
<b>EXAMPLE</b>	<p>1008A-W-1/16-L-M FL=.003, W = .004, CGD = CGR = .0005</p>