



Material:  
 Tungsten Carbide Standard  
 Cermet Tip Optional  
 (Specify "-BK CER" in part no.)

**Specify:** Series/Wire Feed Angle - Hole Size/Bond Length - Length - Options

**Example:**

4645-2020-S

4545-1510-3/4-F-V-BKCER

\*Specify "-V" when ordering with Cermet tip

DASH NUMBER	H in./ $\mu$ m $\pm$ .0002/5	BL in./ $\mu$ m $\pm$ .0002/5	W in./ $\mu$ m $\pm$ .0002/5	FR in./ $\mu$ m $\pm$ .0002/5	BR in./ $\mu$ m $\pm$ .0002/5	T in./ $\mu$ m $\pm$ .0005/13	SUGGESTED WIRE DIAMETER in./ $\mu$ m
0.0013 hole uses the same specifications as the 0.0015 hole except for the hole dimension							.0007/18 to .0008/20
0.0014 hole uses the same specifications as the 0.0015 hole except for the hole dimension							
<b>*1505</b>	.0015/38	.0005/13	.0025/64	.0005/13	.0005/13	.0080/203	
<b>*1507</b>	.0015/38	.0007/18	.0025/64	.0005/13	.0005/13	.0080/203	
<b>*1510</b>	.0015/38	.0010/25	.0030/76	.0010/25	.0006/15	.0090/229	
<b>*1513</b>	.0015/38	.0013/33	.0030/76	.0010/25	.0006/15	.0090/229	
<b>1515</b>	.0015/38	.0015/38	.0030/76	.0010/25	.0006/15	.0090/229	
<b>1520</b>	.0015/38	.0020/51	.0030/76	.0010/25	.0006/15	.0100/254	
<b>1525</b>	.0015/38	.0025/64	.0030/76	.0010/25	.0006/15	.0100/254	
<b>*1510A</b>	.0015/38	.0010/25	.0030/76	.0010/25	.0000/0	.0090/229	
<b>1515A</b>	.0015/38	.0015/38	.0030/76	.0010/25	.0000/0	.0090/229	
0.0018 hole uses the same specifications as the 0.0020 hole except for the hole dimension							.0008/20 to .0010/25
<b>*2007</b>	.0020/51	.0007/18	.0040/102	.0005/13	.0005/13	.0100/254	.0010/25
<b>*2010</b>	.0020/51	.0010/25	.0040/102	.0010/25	.0006/15	.0100/254	
<b>2015</b>	.0020/51	.0015/38	.0040/102	.0010/25	.0006/15	.0110/279	
<b>2020</b>	.0020/51	.0020/51	.0040/102	.0010/25	.0006/15	.0110/279	
<b>2025</b>	.0020/51	.0025/64	.0040/102	.0010/25	.0006/15	.0120/305	
<b>2030</b>	.0020/51	.0030/76	.0040/102	.0010/25	.0006/15	.0120/305	
<b>2035</b>	.0020/51	.0035/89	.0040/102	.0010/25	.0006/15	.0130/330	
<b>2040</b>	.0020/51	.0040/102	.0040/102	.0010/25	.0006/15	.0130/330	
<b>2050</b>	.0020/51	.0050/127	.0040/102	.0010/25	.0006/15	.0140/356	
0.0022 hole uses the same specifications as the 0.0025 hole except for the hole dimension							.0010/25 to .0013/33
<b>2520</b>	.0025/64	.0020/51	.0040/102	.0010/25	.0006/15	.0130/330	
<b>2525</b>	.0025/64	.0025/64	.0040/102	.0010/25	.0006/15	.0140/356	
<b>2530</b>	.0025/64	.0030/76	.0040/102	.0010/25	.0006/15	.0140/356	
<b>2535</b>	.0025/64	.0035/89	.0040/102	.0015/38	.0006/15	.0150/381	
<b>2540</b>	.0025/64	.0040/102	.0040/102	.0015/38	.0006/15	.0150/381	
<b>2525A</b>	.0025/64	.0025/64	.0040/102	.0010/25	.0000/0	.0130/330	.0015/38 to .0018/46
<b>3020</b>	.0030/76	.0020/51	.0050/127	.0015/38	.0010/25	.0170/432	
<b>3025</b>	.0030/76	.0025/64	.0050/127	.0015/38	.0010/25	.0180/457	
<b>3030</b>	.0030/76	.0030/76	.0050/127	.0015/38	.0010/25	.0180/457	
<b>3035</b>	.0030/76	.0035/89	.0050/127	.0015/38	.0010/25	.0190/483	
<b>3040</b>	.0030/76	.0040/102	.0050/127	.0015/38	.0010/25	.0190/483	
<b>3050</b>	.0030/76	.0050/127	.0050/127	.0015/38	.0010/25	.0200/508	.0030/76
<b>4545</b>	.0045/114	.0045/114	.0070/178	.0020/51	.0010/25	.0240/610	
<b>4560</b>	.0045/114	.0060/152	.0070/178	.0020/51	.0010/25	.0270/686	

\*Flat Face Only

Other part numbers are available.

*Dimensions in inches unless otherwise specified*