



Vertical feed, deep access, tubular shank construction.

Material: Tungsten Carbide Standard
Cermet Tip Optional
(Specify “-BKCR” in part no.)

Simply specify the ribbon thickness, width, and bond length. Gaiser calculates the ribbon feed slot dimensions for optimum performance.

Specify: Series/Ribbon Feed Angle - Ribbon Thickness - Ribbon Width - Bond Length - Tool Length - Options

Example:

4645R-.5-4-2.0-L-CG

(RT=“.5”=0.0005 in., RW=“4”=0.0040 in., BL or BF=“2.0”=0.0020 in.)

4660R-1-5-3.0-3/4-BKCR

(RT=“1”=0.0010 in., RW=“5”=0.0050 in., BL or BF=“3.0”=0.0030 in.)

BL (BF) in. / μm ±0.0002 / 5	FR in. / μm ±0.0002 / 5	BR in./μm +0.0002 / 5 -0.0001 / 2.5	SW in. / μm ±0.0005 / 13	W in. / μm ±0.0003 / 8	T 45° in. / μm ±0.0005 / 13	T 60° in. / μm ±0.0005 / 13	RIBBON THICKNESS in. / μm	RIBBON WIDTH in. / μm
0.0010 / 25	0.0010 / 25	0.0003 / 8	0.0035 / 89	0.005 / 127	0.009 / 229	0.008 / 203	0.00025 / 6 to 0.0005 / 13	0.002 / 51
0.0015 / 38	0.0010 / 25	0.0003 / 8	0.0035 / 89	0.005 / 127	0.009 / 229	0.008 / 203		
0.0020 / 51	0.0010 / 25	0.0003 / 8	0.0035 / 89	0.005 / 127	0.010 / 254	0.009 / 229		
0.0020 / 51	0.0010 / 25	0.0003 / 8	0.0050 / 127	0.007 / 178	0.010 / 254	0.009 / 229		
0.0025 / 64	0.0010 / 25	0.0003 / 8	0.0050 / 127	0.007 / 178	0.010 / 254	0.009 / 229	0.0005 / 13 to 0.001 / 25	0.003 / 76
0.0030 / 76	0.0010 / 25	0.0003 / 8	0.0050 / 127	0.007 / 178	0.011 / 279	0.010 / 254		
0.0040 / 102	0.0010 / 25	0.0003 / 8	0.0050 / 127	0.007 / 178	0.012 / 305	0.011 / 279		
0.0025 / 64	0.0010 / 25	0.0003 / 8	0.0060 / 152	0.008 / 203	0.010 / 254	0.009 / 229		
0.0030 / 76	0.0010 / 25	0.0003 / 8	0.0060 / 152	0.008 / 203	0.011 / 279	0.010 / 254	0.0005 / 13 to 0.002 / 51	0.004 / 102
0.0040 / 102	0.0010 / 25	0.0003 / 8	0.0060 / 152	0.008 / 203	0.012 / 305	0.011 / 279		
0.0025 / 64	0.0010 / 25	0.0003 / 8	0.0070 / 178	0.009 / 229	0.010 / 254	0.009 / 229		
0.0030 / 76	0.0010 / 25	0.0003 / 8	0.0070 / 178	0.009 / 229	0.011 / 279	0.010 / 254		
0.0040 / 102	0.0010 / 25	0.0003 / 8	0.0070 / 178	0.009 / 229	0.012 / 305	0.011 / 279		
0.0030 / 76	0.0010 / 25	0.0003 / 8	0.0110 / 279	0.013 / 330	0.011 / 279	0.010 / 254		
0.0040 / 102	0.0010 / 25	0.0003 / 8	0.0110 / 279	0.013 / 330	0.012 / 305	0.011 / 279		
0.0050 / 127	0.0010 / 25	0.0003 / 8	0.0110 / 279	0.013 / 330	0.013 / 330	0.012 / 305		
0.0030 / 76	0.0010 / 25	0.0003 / 8	0.0130 / 330	0.016 / 406	0.011 / 279	0.010 / 254		
0.0040 / 102	0.0010 / 25	0.0003 / 8	0.0130 / 330	0.016 / 406	0.012 / 305	0.011 / 279		
0.0050 / 127	0.0010 / 25	0.0003 / 8	0.0130 / 330	0.016 / 406	0.013 / 330	0.012 / 305	0.010 / 254	

Chart contains typical configurations. T dimension varies with ribbon size – consult factory for exact T dimension.
Other configurations available based on ribbon size.
Dimensions in inches unless otherwise specified.