

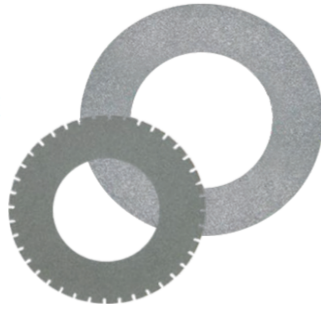


## 切割刀片 | 应用范围和技术数据

### 镍刀片

镍粘结剂提供更长的刀片寿命和较低的磨损率。

镍粘结刀片是软材料切割应用的理想选择，如PCB、硅和BGA。



刀片厚度: 50 – 300µm

金刚石颗粒度: 3 – 50µm

锯齿状:

镍刀片可提供锯齿状切割边缘以及各种边缘形状

### 钢芯镍刀片

最适合用于绿色陶瓷、BGA（带胶带）等切割应用。

只有刀片的边缘部分（切割边缘）由镍和金刚石组成。



刀片厚度: 300 – 750µm

金刚石颗粒度: 10 – 70µm

锯齿状:

钢芯镍刀片可提供锯齿状切割边缘以及各种边缘形状

金刚石颗粒度 (µm)	产品	材料	粘合剂种类
30 至 50	陶瓷/电容器	绿色陶瓷	BLB/BL0
10 至 30	PCB/LED封装	FR4 /环氧树脂 & 铜	BLZ,BLV,BLT
6-8 至 10	医用超声波传感器	PZT	A0T
2-4 至 4-8	IC's	硅	轮毂刀片

### 镍粘合剂刀片物料号描述

内径	外径	颗粒尺寸 (µm)	外径形状	边缘形状**	厚度* (mil)	厚度公差*
0 = 88.82mm	0 = 4.34"	(1) = 2-4	0 = 标准	0 = 标准	(008) = 8	A = ± .0001***
1 = 40mm	1 = 4.256"	(2) = 3-6	1 = 标准	1 = 预处理		B = ± .0002***
3 = 2.75"	2 = 2.188"	(3) = 10	锯齿状:			C = ± .0003"
4 = 3.5" (88.9mm)	3 = 3"	(4) = 17	2" x 16 插槽			D = ± .0005"
5 = 3"	4 = 4.6"	(5) = 30	3" x 40 插槽			F = ± .0010"
8 = 55mm	5 = 5"	(6) = 50	4" x 60 插槽			
9 = 52mm	7 = 4.4"	(9) = 10-15	5" x 60 插槽			
	8 = 4.8"	(B) = 6-8				
	9 = 4.5"	(C) = 25				
	C = 95mm					
	D = 93mm					
	E = 78mm					
	G = 4.3"					
	H = 77mm					
	K = 98mm					
	L = 75mm					
	M = 4.7"					
	S = 4.36"					

示例型号	<b>X 4 776 -8 2 0 1 - 070 -C XX</b>	产品系列
3.5" 内径	4.8" 外径	3-6 µm 颗粒
		标准
		预处理
		7 mil 厚度
		± .0003"



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### 镍刀片物料号描述

内径	外径	颗粒尺寸 ( $\mu\text{m}$ )	外径形状	厚度* (mil)	厚度公差*
特殊的2"镍刀片 标识内径仅40mm	0 = 55mm	(1) = 2-4	0 = 标准 1 = 预处理 2 = 标准 锯齿状 (x16 插槽)	(008) = 8  (150) = 15.0 钢芯  (400) = 40.0	A = $\pm .0001$ "** B = $\pm .0002$ "** C = $\pm .0003$ " D = $\pm .0005$ " F = $\pm .0010$ "
	1 = 50.1mm	(2) = 3-6			
	2 = 50.2mm	(3) = 10			
	3 = 50.4mm	(4) = 17			
	4 = 50.6mm	(5) = 30			
	5 = 50.8mm	(6) = 50			
	6 = 51mm	(9) = 10-15			
	7 = 51.2mm	(B) = 6-8			
	8 = 51.4mm	(C) = 25			
	9 = 52mm				
	A = 58mm				
	B = 56mm				
	C = 54mm				
	D = 60mm				
	E = 50.5mm				
	F = 51.5mm				
	G = 58.2mm				
	L = 54.5mm				
	M = 2.25"				
	P = 61.6mm				
Q = 53mm					
R = 52.8mm					
S = 51.8mm					
T = 51.6mm					
J = 59mm					
示例型号	<b>4B776-3 2 3 1 -045 -B XX</b>			产品系列	
40 mm 内径	50.2 mm 外径	10 $\mu\text{m}$ 颗粒	预处理	4.5 mil 厚度	$\pm .0002$ "

\* 取决于金刚石颗粒度

\*\* 取决于刀片厚度和金刚石颗粒度

\*\*\* 所有特殊的2英寸镍刀片内径为40毫米

其他厚度选项、直径、边缘形状和金刚石颗粒度可根据要求提供。