

Solid Carbide Saw Blades



As per ISO 2296 and GB/T 14301-93, the Solid Carbide Saw Blades are designed for work-piece materials: steel, iron, aluminum, copper, especially for stainless steel, hardened steel, titanium alloy, PCB(Print Circuit Board). Tool life of the Solid Carbide Saw Blades is 6-7 times more than the ones of HSS(High Speed Steel), perfect surface of Solid Carbide Saw Blades for high precision, which is the optimized option to replace the HSS Saw Blades.

Properties:

ISO Grade K10~K30 available with super fine grain sizes.

Hardness(HRA): 91.5-92.5

Density: 14.5-14.8g/cm³

Bending strength: more than 3000 kg/mm²

As per standard, or according to drawings with specifications.

For Solid Carbide Saw Blades, we can make offer accordingly only if you give us the Outside Diameter × Inside Diameter × Thickness with Teeth, and applications.

Recommended data:

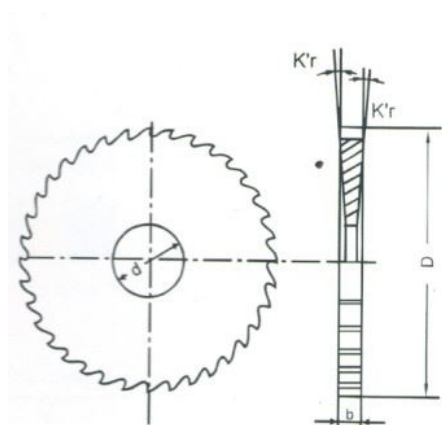


Figure 1

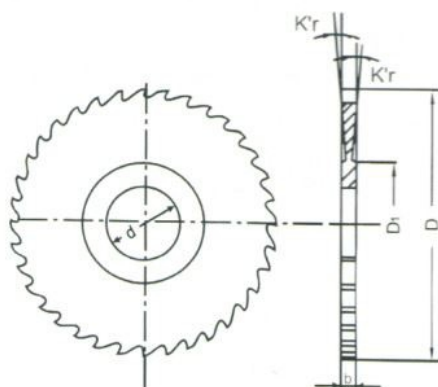


Figure 2

OD		Thickness		ID		Optional Teeth
Dimensions	Tolerances	Dimensions	Tolerances	Dimensions	Tolerances	
12	+/-0.090	0.1-10	+/-0.012	5,6	0/+0.012	12,18,24,30,36,40
16	+/-0.090	0.1-10	+/-0.012	5,6	0/+0.012	12,18,24,30,36,40,50
20	+/-0.105	0.1-10	+/-0.012	6,8	0/+0.012	18,24,30,36,40,50,60,72,80
25	+/-0.105	0.1-10	+/-0.012	6,8	0/+0.015	18,24,30,36,40,50,60,72,80
32	+/-0.125	0.1-10	+/-0.012	8,10,12.7,13	0/+0.018	24,30,36,40,50,60,72,80
40	+/-0.125	0.15-10	+/-0.012	8,10,12.7,13	0/+0.018	30,36,40,50,60,72,80,90
45	+/-0.125	0.20-10	+/-0.012	12.7,13,16	0/+0.018	36,40,50,60,72,80,90,100
50	+/-0.125	0.20-10	+/-0.012	12.7,13,16	0/+0.018	40,50,60,72,80,90,100,120
60	+/-0.150	0.20-10	+/-0.012	12.7,13,16,22,25.4	0/+0.018	40,50,60,72,80,90,100,120
63	+/-0.150	0.30-10	+/-0.012	12.7,13,16,22,25.4	0/+0.018	40, 50,60,72,80,90,100,120
70	+/-0.150	0.40-10	+/-0.012	12.7,16,22,25.4,27	0/+0.021	40, 50,60,72,80,90,100,120
75	+/-0.150	0.40-10	+/-0.012	16,22,25.4,27	0/+0.021	40, 50,60,72,80,90,100,120
80	+/-0.150	0.50-10	+/-0.012	22,25.4,27	0/+0.021	50,60,72,80,90,100,120,150
100	+/-0.175	0.80-10	+/-0.012	22,25.4,27	0/+0.021	50,60,72,80,90,100,120,150
125	+/-0.200	1.20-10	+/-0.015	22,25.4,27,32	0/+0.025	50,60,72,80,90,100,120,150
150	+/-0.200	1.40-10	+/-0.015	25.4,27,32	0/+0.025	50,60,72,80,90,100,120,150
180	+/-0.300	1.60-10	+/-0.015	25.4,27,32	0/+0.025	50,60,72,80,90,100,120,150
200	+/-0.400	3.00-10	+/-0.015	25.4,27,32,40	0/+0.025	50,60,72,80,90,100,120,150,180