

Carbide Tips



Introduction

Tungsten carbide tips and carbide saw blade are commonly used cutting tools. The material of carbide tip and carbide saw blade are usually tungsten carbide, which are also widely used in lathe tool, drill bit, ornamental engraving cutter and dental drill. Why tungsten carbide can have such a wide usage? Because it can keep a longer service time, compared with other materials. Thus tungsten carbide tips and carbide saw blade have a longer service life than other cutting tools. Cemented tungsten carbide tips and [carbide saw blade](http://www.tncarbide.com) will not get rust easily. You can polish them like ordinary steel tools, but tungsten carbide tips and carbide saw blade are very hard, so you need to use different grinding tools. Usually diamond tools and cemented carbide grinding wheels are welcomed.

Carbide saw blades: Circular tungsten carbide blank can be made to be solid carbide saw, also applied as carbide inserts to be welded into the edge of a steel or stainless steel saw body to get super sharp edge with not too high cost. In one word, carbide saw blades has the characters of super sharp and super hard, hence carbide saw blades are widely used in metal forming and machining area.

Wood working tool is a kind of cutting tools which can give wood different shapes and sizes through different cutting method and different wood working tool. Wood working tool can be divided into hand-usage wood working tool and mechanical wood working tool. Mechanical wood working also can be divided into 5 different types: woodworking blade, woodworking tip, woodworking mining tool, woodworking drill bit and mortise machining tool.

Woodworking blade can be divided into round woodworking blade, band-sharp woodworking tool, bar-sharp woodworking tool, chain-sharp woodworking tool and so on. Among them, round woodworking blade and band-sharp woodworking tool are used widest. Woodworking blade, as an important wood working tool, gets more and more popular in machine industry.

Samples Matters: Tungsten carbide tips and carbide saw blade which can be available from our common regular inventory, can be offered as samples for free. For some tungsten carbide tips and carbide saw blade with irregular customer special required, will be charged. Of course, customers need to pay for the shipping fee. Usually, the lead time of the samples will be within 7 working days.

Minimum Order Quantity: There is no minimum order quantity of tungsten carbide tips and carbide saw blade for the first trial order. But on the second order, the total amount of tungsten carbide tips or carbide saw blade should be not less than 1000 USD.

Specification

Grade	ISO grade	Cobalt	Grain size	Density	Hardness	Hardness	TRS
		(Co%)	(μm)	(g/cm^3)	(HRA)	(HV)	
TU06	K05-K10	6.0	0.4	14.80	94.0	2177	3800
TF06	K05-K10	6.0	0.6	14.81	93.1	2037	3600
TU08	K10-K20	8.0	0.4	14.52	93.5	2099	3800
TU40	K20-K40	10.0	0.8	14.40	91.8	1834	3800
TU40F	K20-K40	10.0	0.6	14.45	92.3	1912	4000
TU44	K20-K40	12.0	0.4	14.10	92.8	1990	4200
TU25	K20-K40	12.0	0.5	14.06	92.5	1943	3800
TU45	K20-K40	13.0	0.4	13.96	92.6	1959	4000

Carbide tips can be made according to customers' requirements.



Feature

Product name: Tungsten [carbide tip](#) and carbide saw blade

Place of Origin: Fujian, China (Mainland)

Brand Name: Toonney

Model Number:CT

Type: tungsten carbide tip and carbide saw blade

Material: Tungsten carbide

Tolerance: As required

Surface treatment: Blank, polished or mirror polishing

Size: As required

Port: Xiamen

Payment terms: FOB Xiamen

Application

1. TU06 [wood working tool](#) (Density of wood working tool material: 14.8; HRA of wood working tool material: 94)

Fit for making PCB micro-drilling, micro milling cutter and kinds of hard metal solid tools. Re-command material to make milling cutter of which Dia. is 1.2mm and above.

2. TF06 wood working tool (Density of wood working tool material: 14.81; HRA of wood working tool material: 93.1)

Fit for cutting aluminum and magnesium alloy, copper base alloy, iron-base alloy, plastic, graphite, carbon fiber etc. Re-commanded material for making drill and mill cutter for aluminum and magnesium material.

3. TU08 wood working tool (Density of wood working tool material: 14.52; HRA of wood working tool material: 93.5)

High strength and hardness, good for machining acrylic material, re-commanded material for making PCB drill and big drill of which dia. Is 0.7mm and above.

4. TU40 [woodworking blade](#) (Density of woodworking blade material: 14.4; HRA of woodworking blade material: 91.8)

Re-commanded material for common drill, end mill, specially good to mill and drill the material common die steel, gray iron, Austenit steel, and alloy.

5. TU40F woodworking blade (Density of woodworking blade material: 14.45; HRA of woodworking blade material: 92.3)

Re-commanded material for making drill, milling cutter etc, to mill and drill steel, stainless steel, cast iron and aluminum alloy of which hardness is below 50HRC.

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6. TU44 woodworking blade (Density of woodworking blade material: 14.1; HRA of woodworking blade material: 92.8)

Fit for making different specification milling cutters, reamer, carving blades etc. specially performs good in tools cutting in high speed for example in cutting quenched steel, aluminum alloy, titanium alloy etc.

7. TU25 [Tungsten carbide tips](#) (Density of tungsten carbide tips material: 14.06; HRA of tungsten carbide tips material: 92.5)

The material for mill and drill tools to machining material heat treatment steel, cast iron, stainless steel.

8. TU45 Tungsten carbide tips (Density of tungsten carbide tips material: 13.96; HRA of tungsten carbide tips material: 92.6)

Re-commanded material for all kinds end mill, reamer, carving blade etc., performs good in high speed light cutting area, specially fit for quenched steel, aluminum alloy, titanium alloy etc.

Advantage

1. You have a chance to get free samples of tungsten carbide tip and carbide saw blade even though you want a customized samples. [Click here please.](#)

2. OEM&ODM service are welcomed. Toonney tungsten carbide tip plant has a professional team for you to design a special tungsten carbide tip and carbide blade according to your requirements.

3. Toonney [carbide saw blade plant](#) is famous for its after-sale service: if the tungsten carbide tip and carbide saw blade have problems of quality in our side, we will solve this as soon as possible and give you a reasonable discount next time.

4. Toonney carbide saw blade manufacturer can offer a really competitive price of tungsten carbide tip and carbide saw blade. Because there is no other agents between Toonney carbide saw blade manufacturer and customers. Thus much cost can be saved.

5. Toonney [tungsten carbide tips factory](#) is famous for its high quality tungsten carbide tip and carbide saw blade at home and abroad. Toonney's tungsten carbide tip and carbide saw blade both have a longer service life, good straightness, excellent hardness and strength.