

## Carbide Saw Tips



### Properties of grades

Grade	Density (g/cm <sup>3</sup> )	Hardness (HRA)	TRS (MPa)	Average Grain size ( $\mu\text{m}$ )
YG6/ K20	14.85~15.05	$\geq 90.5$	$\geq 1860$	In
YG8/K30	14.60~14.85	$\geq 89.7$	$\geq 2060$	In
YK08/K40	14.50~14.80	$\geq 88.0$	$\geq 2060$	Coarse
JX5/K20	14.65~14.85	$\geq 90.0$	$\geq 2060$	In
YG6X/K10	14.70~14.85	$\geq 91.7$	$\geq 1860$	Fine
YG8X/K10	14.60~14.85	$\geq 91.0$	$\geq 2000$	Fine
K10S	14.70~14.85	$\geq 91.7$	$\geq 3000$	Fine
K20S	14.60~14.80	$\geq 91.0$	$\geq 3000$	Fine
K10UF	14.70~14.95	$\geq 93.0$	$\geq 3000$	Superfine
K20UF	14.50~14.80	$\geq 92.0$	$\geq 3000$	Superfine
K30UF	14.25~14.55	$\geq 91.0$	$\geq 3050$	Superfine
R06	14.70~14.85	$\geq 93.5$	$\geq 2400$	Superfine
R03	14.90~15.10	$\geq 94.0$	$\geq 2000$	Superfine
YC40	12.80~13.30	$\geq 89.5$	$\geq 1700$	In
YC501	12.70~13.30	$\geq 90.5$	$\geq 1680$	In

**Application recommended**

Grade	Applications recommended
YG6/ K20	For the cutting of ordinary wood, Recommend to use resistance welding,and the temperature should not be too high
YG8/K30	For the cutting of the ordinary wood,also for the aluminum, Recommend to use resistance welding,and the temperature should not be too high
YK08/K40	For the cutting of the recycling wood especially for some iron nails and stones in it, Recommend to use resistance welding,and the temperature should not be too high
JX5/K20	For the cutting of the hard wood/recycling wood and aluminum, Recommend to use resistance welding,and the temperature should not be too high
YG6X/K10	For the cutting of the wood specially, recommend to use the high frequency welding
YG8X/K10	For the cutting of the wood and aluminum specially, Recommend to use the high frequency welding
K10S	For the cutting of the hard wood specially, Recommend to use the high frequency welding
K20S	For the cutting of the aluminum specially, Recommend to use the high frequency welding
K10UF	For the cutting of the plywood、 board with middle to high density and the compound materials with aluminum and plastic, Use the high frequency welding
K20UF	For the cutting of the aluminum specially, Use the high frequency welding
K30UF	For the cutting of the stones specially, Use the high frequency welding
R06	For the cutting of the plywood、 density board and the sandwich board, Use the high frequency welding
R03	For the cutting of the timber such as shaving board、 laminated board、 density board and compound material etc, Use the high frequency welding
YC40	For the cutting of the large cast materials, Recommend to use the high frequency welding
YC501	For the cutting of the steel and the stainless steel, Recommend to use the high frequency welding



**Type 0**



**Metal cutting**



**U.S Canadian**



**European sty**



**Metal cutting**



**JC series**



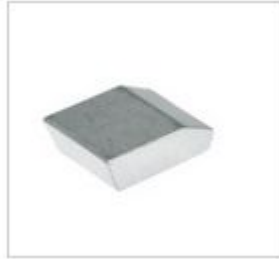
**JA series**



**JP series**



**Saw tips -JX**



**Woodworking**

**We produce according to customer's request.**