



Zhuzhou Grewin Tungsten Carbide Tools Co., Ltd

GREWIN- grade chart for carbide saw tips

Grade	Application	Binder Co (%)	Grain size	Density	Hardness (HRA)	Bending strength (T.R.S)	U.S.A CODE	ISO CODE
GW03	wood	3	Ultrafine	15.15	94.3	2600	C4	K01
GW33	wood	3.3	Ultrafine	15.1	94.6	2400	C4	K01
GW33S	wood	3.3	Submicron	15.2	94.6	2400	C4	K05
GW48	wood	4.8	Submicron	14.95	94.1	2400	C4	K05
GW50	wood	5	Submicron	14.95	93.6	2800	C3	K10
GW55	wood	5.5	Submicron	14.85	93.6	2400	C3	K10
GW60	wood	6	fine	14.9	92.7	3000	C3	K10
GW60F	wood	6	fine	14.9	92.7	3000	C3	K10
GW80	wood	8	fine	14.7	91.9	3200	C3	K10
GW60M	wood	6	Medium fine	14.9	91.3	2100	C3	K10
GW70	wood	7	Medium fine	14.8	91	2300	C2	K20
GW80	wood	8	Medium fine	14.7	90.2	2500	C2	K20
GW90	wood	9	Medium fine	14.6	89.8	2600	C1	K30
GW12	wood	12	Medium fine	14.3	88.8	2800	C1	K40
GW10S	Metal	10	Submicron	14.5	91.8	3800	C2	K30
GW12U	Metal	12	Ultrafine	14.15	92.2	3900	C1	K40

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