

成都华新硬质合金有限公司  
CHENGDU HUAXIN CEMENTED CARBIDE CO.,LTD

www.hx-carbide.com Tel: 028-85848475

牌号 Grade	ISO标准	化学成分 (Chemical composition)			合金晶粒 度 ( $\mu\text{m}$ )	硬度 Hardness HRA $\pm$ 0.3	抗弯强度 T.R.S $\pm$ 200(N/m <sup>2</sup> )	密度 Density $\pm$ 0.05 (g/cm <sup>3</sup> )	应用范围 Application
		WC%	CO%	Other					
YG8	K20	92	8	/	1.6-1.8	90.5	2500	14.7	主要用于小规格冲击钻头的钨片及旋转勘探钻头合金片, 凿进软岩层, 中硬岩层。 Mainly used as the buttons of small and medium-sized percussion bits and as the inserts of rotary prospecting bits to cut soft, medium-hard formations.
CH8	K20	91	8.5	0.5	1.4-1.6	91.5	2500	14.6	适合竹木材料加工, 低硬灰铸铁, 球墨铸铁及有色金属及合金的加工。suitable for processing of bamboo .wood and the processing of low hardness gray iron ,ductile iron and non-ferrous metal and alloy
CH40	K30	90	10	/	1.6-1.8	90	2600	14.5	适合碎石合金刀条, 也适合做饲料机锤头, 齿圈合金, 钢铁片0.8-1.2mm切丝刀。Suitable for hammerhead welding blades of feedstuff machines ,gravel alloy blades,steel blades and cutter knives of 0.8-1.2mm.
YG6X	K10	93.5	6	0.5	1-1.2	92.3	2400	14.8	适用于应力不大的条件下, 拉制直径6mm以下的钢丝, 有色金属线材和棒材。Suitable for the drawing and producing of steel wires with a diameter of less than 6mm ,non-ferrous metal wires or rods under the conditions of little stress. For cutting of chilled and alloyed refractory steels,alsosuitable for finishing of normal cast irons
CH10A	K10	93	6	1	0.6-0.8	93	2200	14.8	细晶颗粒合金, 耐磨性好, 适合于木工锯齿, 也适合硬铸铁, 球墨铸铁, 有色金属及合金的车, 铣加工。 Fine-grained tungsten carbide with good wear resistance,suitable for the lathing and milling processingof hard cast iron ,ductile iron ,non-ferrous metals and alloys and also suitable for woodworking sawtooth.
YG10X	K30	89.4	10	0.6	0.6-0.8	91.8	2800	14.5	具有较高的抗弯强度, 抗冲击, 用途广泛, 金属及非金属的低速粗加工和半加工。 With good bending strength,impact resistance,widely used for the rough machining and semi-finished machining of the metal and nonmetals.
YG15A	K40	84.4	15	0.6	1-1.2	90	2600	14	硬度好, 主要用于冲击回转钻及重型凿岩机用钎头, 凿进坚硬岩层, 极坚硬岩层。 It is stronger, and is mainly used as the inserts and buttons of rotary-percussive bits, heavy rock drill bits to cut hard and very hard formations.
YG15	K40	85	15	/	1.6-1.8	88	2800	14	适于高压压缩钢棒和钢管拉伸, 在较大应力下工作的顶锻穿孔及冲压工具, 也做导板嘴等。 Suitable for the drawing of high compression tensile steel bars and steel pipes ,upended perforation and stamping tools in the work of more stress ,guide plate mouths and so on.
CH25N	K20	90	9.5	0.5	1.4-1.6	90.5	2200	14.3	具有稳定的耐磨性能, 抗冲击, 震动。适用于铸铁, 金属, 非金属材料等的切削加工。 With stable wear resistance,impact resistance ,vibration resistance,suitable for machining cast iron,metal and nonmetals.
CH30X	K40	89.6	10	0.4	1-1.2	90.5	2800	14.45	有良好的冲击性能, 适用于各种金属的冲压加工, 具有较好的抗冲击性能, 适用于各种金属的冲压加工, with good impact resistance properties,suitable for punching metal
CH35X	K40	87.6	12	0.4	1-1.2	89.5	3000	14.2	
CH40X	K40	86.2	13.5	0.3	0.6-0.8	90.5	3000	14.1	
CH40SLX	K40	86.2	13.5	0.3	0.6-0.8	90.5	3000	14.1	
CH40JLX	K40	85.7	13.5	0.8	0.6	90.5	3000	14.1	
CH05UF	K10	93.4	6	0.6	0.6-0.8	93.5	2500	14.8	有很好的耐磨性, 有较好的抗粘附和抗氧化能力, 在高温下可持续加工各种金属, 密度板材。 Well wear resistance ,with excellent anti and anti-oxidation.suitable for continuous machiningof metal and HDF
CH10UF	K10	93.8	6	0.2	0.6-0.8	92.9	/	14.8	
CH15UF	K20	91.3	8.5	0.7	0.4-0.6	93	/	14.5	
CH20UF	K30	89.4	10	0.6	0.6-0.8	92.5	3000	14.5	
									韧性更好, 抗粘附及高温, 适用于各种金属及木材的切削加工。 Excellent anti and high temperature suitable for machining metal and wood