

CHENGDU DIYUAN-TUNGSTEN CARBIDE WEAR PARTS FOR OIL&GAS

Tungsten Carbide Grade

Our Grade	Density G/CM ³	Hardness(HRA)	Bending Strength N/mm ²	Applications Recommended
YG8	14.60-14.90	90.3	≥2600	Good Wear Resistance,Higher Strength,Suitable for marking balls,Model Cutters,spray lids,Valves Cores,Valve Sockets,Centers,Rotary files,Lining plates, bushings, guides,seal-ring,measuring tools,fixtures,nonstandard-structural parts.
YG9C	14.55-14.70	88.1	≥2500	High strength,good resistance,suitable for making nozzles and water-spraying hole sleeves of PDC drill bits and gear drill bits.
YG11C	14.20-14.40	87.1	≥2600	Better wear resistance,good impact resistance,suitable for making high pressure nozzles,lining plates and bushings in the petroleum,chemical and mechanical industries.
YG15	14.00-14.20	87.8	≥2400	Good strength and impact toughness,suitable for making seal-rings,ball mill drums,nonstandard structural parts.
YG20	13.40-13.60	86.5	≥2500	Good strength and impact toughness,suitable for making seal-rings,ball mill drums,nonstandard structural parts
ZK35.5	14.82-14.95	90.5	≥2500	Optimal wear resistance and strength,suitable for making impact proof seal rings, fixtures, nonstandard structural parts,machine components
ZN106G	14.85-15.10	91.5	≥1700	Good wear and corrosion resistance,suitable for making parts of the submerged oil-pump,slurry-pump,and acid-proof pump
ZN109G	14.92-15.10	92	≥1800	Good wear and corrosion resistance,suitable for making drink-water pump,submerged oil-pump and acid proof pump
ZK10UF-1	14.85-15.05	91.9	≥2100	Good wear resistance,suitable for making parts of normal submerged oil-pump
ZK30UF	14.35-14.55	91.7	≥2700	Higher wear resistance and strength,suitable for making seal-rings,fixtures,nonstandard-structural parts and machine components