

QUALITY ACCOMPLISH THE FUTURE



ZGCC

CEMENTED CARBIDE STUDS FOR HPGR



- MEMBER OF CHINA MINMETALS
- COMPLETE PRODUCTION LINE
- PROFESSIONAL CEMENTED CARBIDE MANUFACTURER
- ANNUAL OUTPUT 3000 TONS OF CEMENTED CARBIDE PRODUCTS
- SINCE 1965



- SERVICE LIFE UP TO 30000 HOURS
- UP TO 80% OF CHINESE MARKET
- PROVIDED THOUSAND TONS
- CUSTOMIZATION SERVICES



ZIGONG CEMENTED CARBIDE CORP., LTD.

**ZGCC**

ZGCC PROFILE:

ZGCC, established in 1965, is a leading professional manufacturer of Tungsten and Molybdenum products in China. We have a complete production line from the raw material to the finished products and its tools which are exported to more than 40 countries and areas in the world.



BRIEF INTRODUCTION OF STUDS:

Cemented carbide stud is one of our advantage products, which takes up to 80% of the Chinese market and we have supplied thousand tons of this kind of product to our customers since 2010. The mature grades and rich experiences enable ZGCC to satisfy its customers' requests with reliable quality and services.

APPLICATION CASES:

Material type	Material condition	Cemented carbide studs		Service life (hour)
		Grade	Size(mm)	
Bauxite ore	Mohs' hardness \leq 7.0 Feeding size \leq 30mm	YG20 HRA:87.1 \pm 0.5	Φ 18X50	\geq 15000
Gold ore	Mohs' hardness \leq 7.0 Feeding size \leq 25mm	ZD35A HRA:87.5 \pm 0.5	Φ 16X45	\geq 10000
Moly ore	Mohs' hardness \leq 6.5 Feeding size \leq 30mm	ZD35A HRA:87.5 \pm 0.5	Φ 18X55	\geq 10000
Diamond ore	Mohs' hardness \leq 6.0 Feeding size \leq 30mm	ZD35A HRA:87.5 \pm 0.5	Φ 16X40	\geq 10000
Cement raw material	Mohs' hardness \leq 7.0 Feeding size \leq 60mm	YG20 HRA:87.1 \pm 0.5	Φ 20X40	\geq 20000
Cement clinker	Mohs' hardness \leq 2.0 Feeding size \leq 60mm(gangue included)	YG18 HRA:86.9 \pm 0.5	Φ 20X40	\geq 20000
Iron ore1	50%Pyrite cinder+50%Iron ore concentrate Mohs' hardness \leq 6.5 Feeding size \leq 20mm	YG15 HRA:87.5 \pm 0.5	Φ 16X40	\geq 14000
Iron ore2	Iron ore concentrate: Density 3.35g/cm ³ Feeding size \leq 20mm	ZD35A HRA:87.5 \pm 0.5	Φ 18X55	\geq 20000

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