



Cemented Carbide Composite Rod



Purpose: mainly used in cemented carbide YL electrode welding petroleum, mining, coal mining, geology, construction and other industries in a number of serious wear or a combination of cutting of workpieces. Such as: shoes, wear shoes, lifter, enlarger, drill pipe joints, hydraulic cutting blades, plough planers, coring, piling, spiral drill bit, etc.

Chemical composition

Composition	Cemented carbide	Matrix
Proportion	70	30
	60	40
	50	50

Type

Rod length	450mm	450mm	450mm	Particle size
Particle size	1.6×3.2	1.6×3.2	1.6×3.2	1/8×1/16
	3.2×4.8	3.2×4.8	3.2×4.8	3/16×1/8
	4.8×6.4	4.8×6.4	4.8×6.4	1/4×3/16
		6.4×8.0	6.4×8.0	5/16×1/4
		8.0×9.5	8.0×9.5	3/8×5/16

Standard

Multi-edge particles can be used in the formation of the workpiece surface. For serious wear, with 1/3 of fine particles, need a broad particle size distribution to increase density and decrease in clearance of surfacing. Mesh size from 6.35MM-325 mesh. Hardness 90.5 (8%)

Shape

Polygon in the workpiece surface alloy into distribution. This enables tighter particle inclusions and reduce the gap. Applied to extreme wear and tear.

Three sizes: 8-16 10-16 14-20 5mm 8mm