

Hua Ling exceeds turning of hard alloy roller to cut cutting tool of cost-effective region CBN/PCD, the industry is efficient fall a new edge tool

Roller is used almost generally at every mechanical production process on the world. Roller is the main part of rolling mill, often can add a few tantalum in machining a process (wait a moment like chromic, nickel), in order to assure the durable sex of the service life of roller and roller. Roller material has roller of cast steel roller, cast-iron roller, hard alloy roller, pottery and porcelain to wait character.



Domestic cast steel, cast-iron roller slants much, roller of foreign criterion alloy and high-speed steel roller are in the majority, Hua Ling exceeds cutting tool of roller of the CBN/PCD below tough standard to have become roller industry to fall to extract effect originally famous cutting cutting tool, become client of numerous global roller to machine first selection. Hard alloy roller pledges as a result of its material superior performance is applied extensively at steely industry, its hardness is very tall. To the turning treatment of hard alloy roller, use CBN/PCD cutting tool, can raise production to machine efficiency greatly, following China water chestnut exceed good summary the point when cutting of CBN/PCD cutting tool machines hard alloy roller:

One, choose appropriate cutting tool according to the hardness of roller workpiece

1, hardness the alloy roller under HRA90: Optional choose The CBN cutting tool of BNK30 brand undertakes large surplus turning is machined, the lump material that cutting tool of this brand CBN becomes by agglomeration of CBN grain whole, without alloy underlay, because its are used metalloids adhesive, high temperature red rigid is exceedingly good, Roller of hard alloy of large surplus turning, cutting tool won't happen burst apart, the problem such as burn;

