







Of milling cutter cutting tool wear away to be concerned with the element such as dosage of force of geometrical angle, cutting and heat in metal cutting, cutting, so service life of milling cutter cutting tool is to follow these a few elements relevant, must have noted this among them concern. The durability that masters cutting tool is very important, raise the durability of cutting tool only, ability prolongs the service life of cutting tool, produce its biggest effect adequately. Cutting tool is ground prematurely again or use too blunt cutting tool cutting otherwise, do not accord with principle of much, fast, province. To the note that wolfram steel milling cutter singles, can refer in this website.



1, dosage of logical choice cutting. Cutting dosage affects the durability of cutting tool, cutting depth and feed are too big, cutting force adds, of milling cutter cutting tool wear away fast also, cutting speed is exorbitant, meet those who accelerate cutting tool of a milling cutter and workpiece wear away, choose reasonable cutting dosage to also can prolong the service life of milling cutter cutting tool so.

2, use cooling lubricating fluid. Cooling lubricating fluid can be absorbed and take away cutting area major quantity of heat, improvement comes loose hot condition, drop the cutting temperature of milling cutter cutting tool and workpiece, make the penknife wears away decrease, prolong the service life of milling cutter cutting tool thereby, can prevent to workpiece is out of shape because of heat and produce on size error.

3, improve angle of geometry of cutting tool of a milling cutter. Angle of milling cutter cutting tool and edge appearance area affecting the change of cutting force. When the angle before be like increases, cut bits to be out of shape small, force of light, cutting reaches cutting heat in metal cutting drops. Below the premise that makes sure milling cutter cutting tool has enough strength, should take as far as possible bigger before horn, when tool cutting edge angle is contractible, edge attends the length of cutting to increase, make heat in metal cutting relatively dispersive, and horn of point of a knife increases, can make cutting temperature drops.

