







## Zheng Zuan makes efficient cutting tool and force to exceed for nothing strong cutting tool is homebred change development

Aerospace industry regards high end as manufacturing industry, to the product treatment is having higher demand, but close inserious treatment field currently still excessive depend on entrance cutting tool, accordingly, raising cutting tool to ensure ability independently is safety of manufacturing industry of our country aerospace the key of steady progress, the promotion of technology of aerospace cutting tool can lay solid foundation for its development. Efficient cutting tool mixes metal of Zheng getting aviation efficient cutting tool devotes oneself to aviation answer material homebred the development that changes cutting tool, cutting technology level is on front row all the time inside the industry.

Aviation metal is efficient cutting tool



Efficient cutting tool basically has metal of Zheng getting aviation alloy of milling cutter of aluminium alloy high speed, titanium is efficient alloy of milling cutter, high temperature is efficient coating milling cutter, basically be aimed at the efficient cutting with aluminium alloy of high strength of aviation structural member and difficult treatment qualitative material, be like costal region of aviation aircraft ala, ala the structural member such as Liang Hemeng skin. Milling cutter of Zheng Zuan high speed and photograph of traditional milling cutter are compared, can achieve higher metallic purify rate and precision of thin wall dimension, cutting force is smaller, treatment quality is more superior.

Milling cutter of aluminium alloy high speed, basically apply at 7050 with structural member of aluminium alloy of 7075 high strength model efficient high accuracy machines antrum Baobi high speed. Essence of face of the knife before cutting tool structure designs the circular arc point in is ground, can increase circular arc precision and point strength; Full point design has damping first flank; Helix chamfer polish is handled; The design that carry time repairs Guang Ren, be helpful for rising to already machined exterior quality. Titanium alloy is efficient milling cutter, have differ edge is wide, columnar

