The distinction that milling cutter of roughmachining milling cutter and finishmachining says for manufactureraa

As the ceaseless development of numerical control machine tool,sort of cutting tool of numerical control machine tool is increasing,its differentiate finer and finer also, but no matter how is the style changed, from look on the whole, cutting tool of numerical controltreatment must get used to numerical control machine tool highspeed, efficient with the characteristic with automation high rate, and apply with numerical control milling cutter again in numericalcontrol cutting tool moreextensive. Cheng Anbei says thedistinction of rough machining milling cutter and finish machiningmillingcutter for manufacturer!

Rough machining cutting tool uses waviness cutting blade or bigcutting chamfer normally, cutting cutting tool has big osculatorysurface and many cutting tool. Finish machining cutting tool uses sharp cutting blade and high cutting tool intensity normally.Cutting blade is sharp, intensity is high. Reduce cutting tool tomake cutting tool, reduce Bian Xi to machine the problem oftaper, improve quality of finish machining surface.

The distinction of rough machining and finish machining: Roughmachining purify a variety of material, cutting rate is minor, feedand cutting tool are big, dimension precision is low, the material purify with exterior quality low fewer; , tall cut speed, a few feedknife ensures final dimension precision and exterior quality.Rough machining is the goal that reduces odd edge to be apartfrom quickly.

When rough machining, use big feed and as far as possible bigcutting deepness, with be inside short time cut cuts bits more asfar as possible; With installation the granule stone on oscillatory head completes the appearance (see cut technology) . Superfinishing undertakes after finish machining process normally. Mental allowance is a few micron only. Apply to treatment crankshaft, roller, bearing ferrule reachs the outer lane of all sorts of nice spare partses, inner ring, planar, groovy face and spherical.