

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 control treatment 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 numerical control cutting tool more extensive. Cheng Anbei says the distinction of rough machining milling cutter and finish machining milling cutter for manufacturer!

Rough machining cutting tool uses waviness cutting blade or big cutting chamfer normally, cutting cutting tool has big osculatory surface 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 to make cutting tool, reduce Bian Xi to machine the problem of taper, improve quality of finish machining surface.

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



When rough machining, use big feed and as far as possible big cutting deepness, with be inside short time cut cuts bits more as far 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 reaches the outer lane of all sorts of nice spare partses, inner ring, planar, groovy face and spherical.

