

Cutting tool of numerical control treatment has so much actually necessary skill!

Common saying says " 3 minutes of technologies, 7 minutes of cutting tool " , seeing numerical control machine the importance of cutting tool also is charging cutting tool is the segment with numerical control important treatment.

The complexity that machines as a result of numerical control (belike different machine tool, different material, different cutting tool, different cutting kind, different parameter set) .



Believe a lot of people can have different view to machining center:

One, Ask: How is system of cutting tool of machining center treatment to comprise?

System of cutting tool of machining center treatment by finished product cutting tool and standard knife handle two parts are comprised. Among them part of finished product cutting tool and general cutting tool are identical, wait like knife of O of the knife of ? of X of broach, mill, ? that wring Ji, tap. Part of standard knife handle can satisfy a machine tool to change the requirement of the knife automatically: Can loosen automatically on machine tool main shaft and taut fixed position, install all sorts of cutting tool and check well and truly to provide, can get used to the outfit knife of manipulator and discharge knife, facilitate undertake access in knife library, management, carry and identify etc.

2, Ask: How to choose cutting tool material?

To improve productivity, domestic and international machining center is facing high speed, tall rigidity and high-power direction development, this must be had with respect to requirement cutting tool can bear the function of high speed cutting and puissant cutting, and want to stabilize. Same approve cutting tool to there must not be bigger difference in cutting function and respect of cutting tool life. When choosing cutting tool material, choose hard alloy cutting tool as far as possible commonly, nicely bores hole it is better to wait to still can choose property more the cubic nitrogen of wear-

