

The geometry of milling cutter parameters

1, milling cutter tags referenced department

Although the sort of milling cutter is very much, there also characteristic each on the structure, but milling cutter of kind of main columnar still milling cutter is a delegate two kinds.

Cylindrical the orthogonal plane of milling cutter consults department and normal plane consult is.



Hind horny choice: Milling cutter is much time cutting tool, ply is small, wear away to basically happen in advocate h knife face; Because of the horn after this increases appro can reduce milling cutter wear away. Of high-speed steel cutter hind horny 0 for 5° 12° , workpiece data is we big cost, data takes small cost forcedly; Thick time milling takes small cost, serration milling cutter takes big cost; S diameter milling cutter takes 16° 18° . The choice of b Because the impact when milling is bigger, to protect poin knife, S is the blade dip of milling cutter of hard alloy fa -15° , when having stuff of milling low intensity only, $;$ Cylindrical $;$ of general blade dip takes milling cutter 45° establish milling cutter $;$ to take 30° 45° .

Tool cutting edge angle and deputy slant horny choice: F milling cutter is commonly used $R=45^\circ$, 60° , 75° , 90° machining complex tigheidity is good take great value to tak cost conversely, deputy slant 10° of $;$ of $;$ of horny $r=5^\circ$ cutting edge angle of columnar milling cutter $R=90^\circ$

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