

The geometry of milling cutter parameters

1, milling cutter tags referenced department

Although the sort of milling cutter is very much, there also is a characteristic each on the structure, but milling cutter of knead dough 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.

[China End Mills / End Milling Cutter](#)



Hind horny choice: Milling cutter is much time cutting tool, every ply is small, wear away to basically happen in advocate hind on knife face; Because of the horn after this increases appropriately, can reduce milling cutter wear away. Of high-speed steel milling cutter hind horny 0 for 5° 12° , workpiece data is weak take big cost, data takes small cost forcedly; Thick tine milling cutter takes small cost, serration milling cutter takes big cost; Small diameter milling cutter takes 16° 18° . The choice of blade dip: Because the impact when milling is bigger, to protect point of a knife, S is the blade dip of milling cutter of hard alloy face - 5° 15° , when havin stuff of milling low intensity only, S is 5° ; 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: Face milling cutter is commonly used $R=45^\circ$, 60° , 75° , 90° , machining complex tigheidity is good take great value to take small cost conversely, deputy slant 10° of $^\circ$ of horny $r=5$; Tool cutting edge angle of columnar milling cutter $R=90^\circ$

[Read More](#)