The geometry of milling cutter parameteraa

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 tine 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 ° , 60 ° , 75 ° , 90 ° , machining complex tigidity is good take great value to take small cost conversely, deputy slant 10 ° of 1 of ° of horny ? 'r=5; Tool cutting edge angle of columnar milling cutter ? R=90 °

Read More