







Kr of tool cutting edge angle (say to cut horny EnteringAngle again) the important parameter that is cutting tool,it is the included angle of cutting blade and feed direction,this parameter can affect the curly form that cuts bitsgreatly, decide the way of cutting force.

Next graphs are the cutting sketch map of milling cutter ofcommonly used 90 degrees of tool cutting edge angle,this kind of cutting tool advocate cutting blade is sideedge, use at machining sidewall and the face withperpendicular underside, friend also calls squareshoulder milling cutter. The appearance of bit hasdifferent design, the catling that includes strip piece, alsohave the 3 blade design that is atriangle roughly, alsohave the 4 blade design with quadrangular graphicrepresentation. The directionthat the characteristic whenits are machined is cutting force is centered in radial,namely asperpendicular as cutter shaft direction, thecutting force of axes is smaller, can produce biggercurvedmoment to cutting tool, consequently multi-purpose at short imagine extended an use view. Bit alsocondo geminate faceto design, such practicable pointamounts are double, overall for, the double pointrazorblade of stripcuts late meeting effectively bigger, of therazor blade of 4 blade cut effectively deepa few smaller,at the same time the radial dimension of 4 blade razorblade is occupied bigger thancomparing, the smallest diameter of corresponding arbor also can slant a fewsmaller, slope walks alongability to compare differencegenerally also to be done not have even.

Additional, part of highlight of graphic representation redis the cross section figure that cuts bits, assume rectangular position, the ply that cut bits just agrees withthe every tine feed of cutting tool. The ply that cut bits isthe main referenced factor that blade point designs, razorblade of avery kind of has when the design but the valueof the ply that cut bits with the greatest susceptive,according to this the valuepushs every tine feed inapplication.

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



