







## The principle, utility of milling cutter and choice principle

The sort of milling cutter, utility reaches choice principle

(the picture originates Internet, if have tort, connection is deleted)



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Flying knife is comprised by a main body, inserted among them or two knives head. As the whirl of knife head, knife head can undertake narrower or wider cutting. Face milling cutter is more general below all sorts of circumstances, but their price is expensive, and the treatment content that these flying knives also can finish face milling cutter, the price is very cheap, but in cutting efficiency respect far under face milling cutter.

The principle that milling cutter chooses

The choice of diameter of 1 milling cutter

Because the product differs with what produce batch and the choice of milling cutter diameter has very big difference. The choice of cutting tool diameter basically depends on the treatment dimension of the norms of equipment and workpiece.

Planar milling cutter

When choosing diameter of face mill cutting tool, basically want to consider cutting tool place to need power to should be inside limits of machine tool power, also can choose according to diameter of machine tool main shaft.

Diameter of face milling cutter can press  $D=1.5d$  ( $D$  gives priority to axial diameter) choice.

When large quantities of quantities are produced, also can press the diameter of cutting tool of 1.6 times choice of workpiece cutting width.

