

6 commonly used milling designs in mechanical design are small skill

In the mechanical design that be not mark, use many cutting to machine a spare parts via often seeing a few mechanical equipment are medium, little an a few place, many about a hundred (sample phase is highlighted particularly) . In such mechanical equipment, single spare parts cost reacted greatly the price of whole machine. Accordingly, when the engineer is designing component, should master skill of a few experience, will reduce spare parts cost with this. In the article, will share with everybody " milling is machined " in 6 commonly used design little skill. When milling spare parts is designed, the treatment of the spare parts is difficult easy degree, precision asks to wait, can bring about spare parts treatment produce tremendous change. So, the design knowledge that masters milling spare parts is very important, simple for, can from below 3 angle have a consideration. The spare parts machines involves cutting tool; The difficult easy degree that the spare parts machines; The treatment facilities that spare parts treatment involves (what show some or need) . Point of view of these 3 designs see together below reflect design little skill namely. 1. In groove treatment, cutting tool (establish milling cutter) for cylindrical, machining extreme is the round horn of radius R . If plan institute is shown, if groove extreme is corner, finished cost can become tall.



Following plan institute are shown, cutting tool (establish milling cutter) for columnar appearance, because this cannot cut corner. To cut corner, need the special processing that such as discharge machines, this virtually raised cost.



