

连杆 Connecting rod



连杆是将其两端分别与主动和从动构件铰接以传递运动和力的杆件。连杆是汽车发动机中的重要零件之一，它连接着活塞和曲轴，其作用是将活塞的直线往复运动变为曲轴的旋转运动，并将作用在活塞上的力传给曲轴以输出功率。连杆既受交变的拉压应力、又受弯曲应力，材质多为调质钢。

Connecting rod connects the piston to the crankshaft, two ends of linkage with active and passive components in order to convey movement and the hinged edge of the bar. Connecting rod is a critical part of automotive engine. It connects piston to crankshaft, forming a simple mechanism that converts reciprocating motion into rotating motion, transferring the force on piston to crankshaft for outputting power. Most of connecting rod is made of quenched and tempered steel as it has to bear tensile stress and bending stress.

面铣加工 Face milling



FMA01/02 系列 [刀具](#)，刀盘分密齿和疏齿不等齿，大前角设计，切削轻快，配合多种槽型及修光刃刀片，适合钢、合金钢、不锈钢、铸铁、铝合金、高温合金等多种材质的精加工及半精加工。

FMA01/02 series cutting tool, close pitch and coarse unequal pitch are available for choose. Large rake angle design, soft cutting action, combined with various geometry

and wiper inserts, is suitable for finishing and semi-finishing in steel, alloy steel, stainless steel, cast iron, aluminum alloy, high-temperature alloy and other materials.

螺栓孔面铣 Bolt hole face milling



EMP01 系列方肩铣刀，刀体、刀片组合形成双正前角，切削力小；刀片带 90 度弧线补偿，保证侧铣的垂直度，立铣效果优良；安装不同槽型的刀片可分别用于铸铁、钢材、铝合金等多种材质的面铣、方肩铣、槽铣、坡走铣、螺旋插补铣等加工。

EMP01 series square shoulder milling tool, double positive rake angle formed by cutter body and insert, small cutting force, 90 degree insert arc compensation can ensure the perpendicularity of side milling, good effects of end milling; different geometries suitable for various materials including face milling, square shoulder milling, slotting, slope milling, helical interpolation milling in cast iron, steel, aluminum alloy and others.

螺栓孔加工 Bolt hole machining



钻孔：整体硬质合金阶梯钻，适合各种高精度的钻孔加工，同时可根据客户要求制作各种非标钻头。

Drilling: Solid carbide stepped drills, suitable for different drilling requiring high precision, We can also provide tailor-made products as per customer requirements.

攻丝：新型整体硬质合金切削丝锥及挤压丝锥，针对不同材质的加工特点而特别设计，满足不同的加工工况及加工要求。

Tapping: new solid carbide taps and forming taps, according to different materials features, we design the products focusing to meet different working conditions and machining requirements.

连接孔加工 Connecting hole machining



ZTD 系列浅孔钻，良好的刀片安装角度、优化的内冷结构、坚固的钻体，实现高稳定加工的同时可承受更大的进给。

ZTD series U drills with good insert mounted angle, optimized internal coolant supply and solid drill body, can realize highly stable machining while bearing higher feed rate.

<http://www.zccct.com>