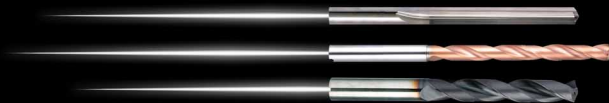


2013-2014



在日新月异的开发和研究中，一辆汽车的零部件增加到20000个。欧思克针对各种汽车部件提供最佳的加工方案。

In change rapidly development and research, a car partsComponent increased to 20000. OSK for all kinds of automobileComponent provides optimum processing scheme.



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## 汽车刀具

## Auto cutter

目前有很多汽车生产厂家采用欧思克精密工具切削方案，提供汽车零部件的各种加工，如：缸体、缸盖、曲轴、凸轮轴、连杆、转向节及变速箱等。

欧思克精密工具提供各种工况加工使用的专用多功能切削工具，可根据零件的不同定制出最有效率的加工工具。

欧思克精密工具的刀具设计专家，刀具测试专家及刀具测试中心为您提供从刀具方案设计到使用调试过程的全程服务，同时通过与欧美零部件加工工艺的对比，对整个工艺流程也将提供最有效率的解决方案。

There are many car manufacturers using OSK precision tool cutting program, providing steam Vehicleparts and components of processing, such as : cylinder block, cylinder head, camshaft, crankshaft, connecting rod,Steering knuckle and gear box.

OSK precision tools provide various processing usingthe specialfunction cutting tool.According to the different parts to customize the efficiency of processing tools.

OSK precision cutter design expert, tool testing tool and testing center expertsTo provide you with the tool design to use the debugging process of full service, at thesame time through Europe and the United States and parts machining process comparison, on the entire process willprovide the most effectiveRate of solution.

## 主要部件

## Main parts



缸体



缸盖



曲轴



凸轮轴



连杆



变速箱



转向节



其它部件



# 缸体

Cylinder block

# 缸盖

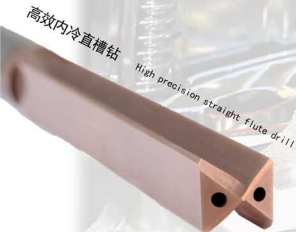
cylinder head



高效率内冷钻 High efficiency drilling within the cold

目前缸体和缸盖大多以铝合金、灰铸铁、蠕墨铸铁等材料为母材。欧思克精密工具针对不同材料，使用不同的设计，使加工效率大大提高。

The cylinder block and cylinder head are mostly aluminum alloy, cast iron, vermicular cast iron and other materials as parent material. OSK precision tools for different materials, using a different design, improve the produce efficiency.



高精度直槽钻 High precision straight flute drill



高精度内冷直槽钻 High precision cold straight flute drill



高精度高效铰刀 High precision and high efficiency

铝专用钻

Aluminum special drill

高效成形铰钻 High efficiency forming step drill

High efficiency forming step drill





## 曲轴 Crankshaft

## 凸轮轴 Cam shaft



高效成形阶梯钻

High efficiency forming step drill



高效成形阶梯钻

High efficiency forming step drill



高效内冷钻

High efficiency drilling within the cold



高效立铣刀

High performance End milling cutter



高精度直槽钻

High precision straight flute drill



目前曲轴和凸轮轴大多是锻造而成，它自重较轻，结构必须紧密以及改善减震性。欧思克精密工具根据其特性设计多倍径硬质合金内冷钻头，让曲轴和凸轮轴更加紧密。

The crankshaft and camshaft are forged, it is lighter weight, structure must be closely and improved damping.

OSK precision tools according to its characteristic design of multiple size hard alloy bit of cold, let the crankshaft and camshaft more closely.



整体硬质合金8D~30D深孔钻

The overall carbide 8D~30D deep hole drilling





## 连杆

Connecting rod

## 变速箱

Gear box

高效内冷高精度直槽钻

High efficient cooling of high precision straight flute drill

高精度铰刀 High precision reamer

高效立铣刀  
High performance End milling cutter

整体硬质合金80°300深孔钻  
The overall carbide 80° 300 deep hole drilling



铸铁专用丝锥

Cast iron special tap



螺旋丝锥

Spiral Tap



## 转向节 Steering knuckle

## 其它部件 other components



高效内冷钻,独特的内冷钻尖和刃带设计,使加工更高效,更精确。  
High efficiency drilling within the cold, unique within the cold tip and cutting edge design, to make the process more efficient, more accurate!



高效成形阶梯钻  
High efficiency forming step drill



锥度立铣刀  
Taper end milling cutter



锥度球铣刀  
Conical ball mill



深沟铣刀  
Deep groove milling cutter

铝轮毂专用刀片  
Aluminum wheel hub dedicated blade



高效立铣刀  
High performance End milling cutter

