



郑州市钻石精密制造有限公司

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ZHENGZHOU DIAMOND PRECISION MANUFACTURING CO.,LTD

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郑州市钻石精密制造有限公司

■ 厂房区 Plant area



汽/车/产/业/专/用/刀/具

Special cutters for automobile industry

中国·郑钻

ZHENGZHOU DIAMOND PRECISION



卓越品质 用心铸就

High quality Found by our hearts



关于我们

郑州市钻石精密制造有限公司是专业研发、生产、销售超硬精密切削刀具的企业。公司成立于1997年，经过十余年的发展，拥有经验丰富的研发人员，精良齐全的制造设备和健全完善的管理体制。

公司设备配置处于行业前端，拥有瑞士伊瓦格磨床，日本瓦伊达自动磨床，德国孚尔默数控精密磨床，德国数控曲线磨床，瑞士斯图特外圆磨床，德国福特纳内外圆磨床，日本三菱、瑞士阿奇夏

米尔放电机床，德国激光切割机，以及英国、美国等精密制造设备和检验设备，为保持产品的高质高量提供了可靠的硬件保障。

郑钻产品覆盖了国内85%以上的汽车发动机制造厂家，在国内市场上得到普遍认可，在国际刀具同行中也赢得良好口碑。郑钻人本着“精雕细磨每一件产品，认真细致做好每一项服务”的经营理念，注重过程，量化细节，坚持以可靠的信誉、扎实的品质、周到的服务、迅捷的周期服务于广大用户。

About Us

Zhengzhou Diamond Precision Manufacturing Co., Ltd. is specialized in research, produce and sales of superhard finish-cutting tools. The Company, established in 1997, after more than 10 years' development, has now possessed experienced R&D personnel, sophisticated manufacturing equipment and perfect managerial system.

The production equipment equipped in the Company including Switzerland EWAG grinder, Japan automatic grinder, Germany Vollmer NC Precision Grinder, and Germany NC Curve Grinder, Switerland STUDER cylindrical grinder, Germany cylindrical and internal grinder, Japan Mitsubishi AGIE and CHARMILLES EDM

machine tool, Germany laser cutting machine tool as well as Precision Manufacturing and testing equipment of Britain and USA, is leading in the industry, providing a reliable hardware guarantee for supply high quality products in large demand.

Our products covered over 85% automotive engine manufacturers in China and are widely recognized by the domestic market. We also won high reputation from international fellow traders. Based on "To carve each product with care, to provide each service with heart", we lay stress on the process, quantify the details, and insist on serving our customers with the credible reputation, reliable quality, considerate service and quick response.

企业文化 Corporate Culture

企业精神

Corporate Spirit

追求卓越 服务社会
创新经营 共同发展

Pursuing High Quality Service Society
Operating With Innovation Mutual development

经营理念

Operating Concept

精雕细磨每一件产品
认真细致做好每一项服务

To carve each product with care
To provide each service with heart

企业文化

Corporate Culture

质量第一 诚信为本

Quality First
Credit as the basis

销售网络 Sales network



对外出口国家 Countries exported to

德国 意大利 西班牙 日本 印度 土耳其 菲律宾 乌拉圭等

Germany Italy Spain Japan India Turkey Philippines Uruguay etc.

注: ★ 为公司总部 ● 为产品覆盖省份

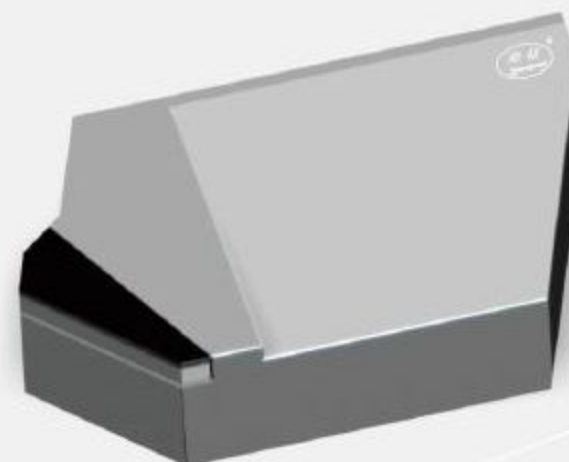
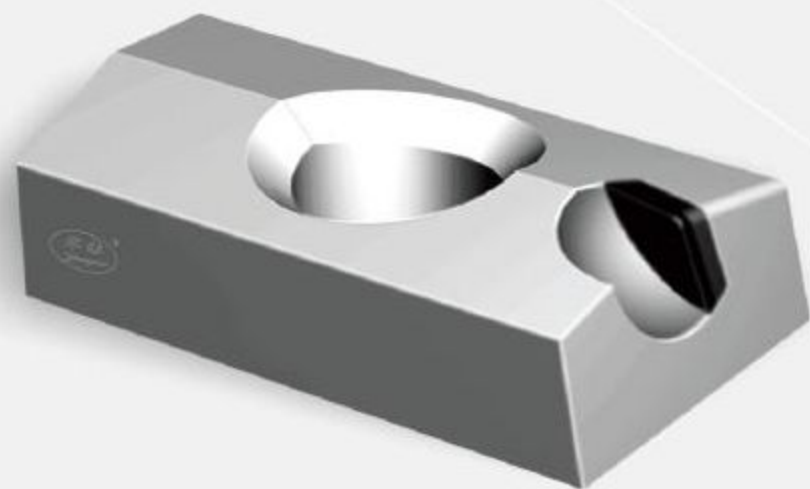
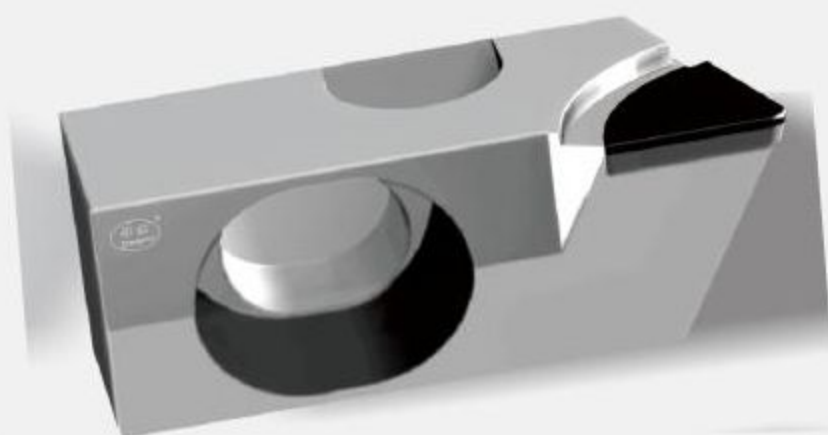
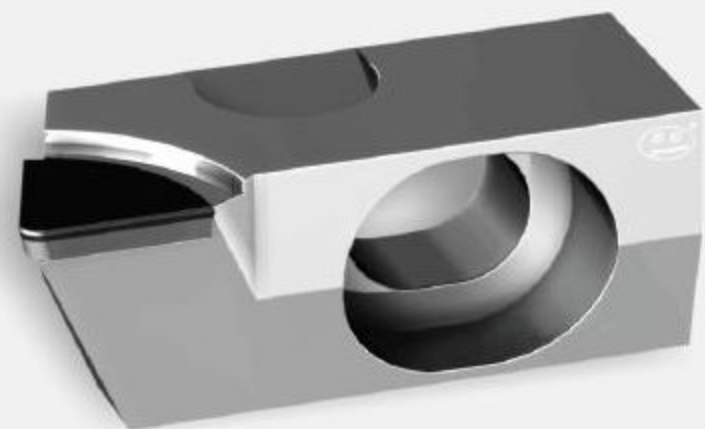
Note: ★ is the H.Q. of company ● is the province covered by products

■ 汽车发动机加工系列刀具

Series of cutters for auto engine machining

缸体缸盖刀夹及面铣刀片 *Cylinder body, cylinder head cutter clamp and face milling cutter*

卓 / 越 / 品 / 质 用 / 心 / 铸 / 就



☑ 注：可根据客户具体要求制造
Note: Custom Specs also available.

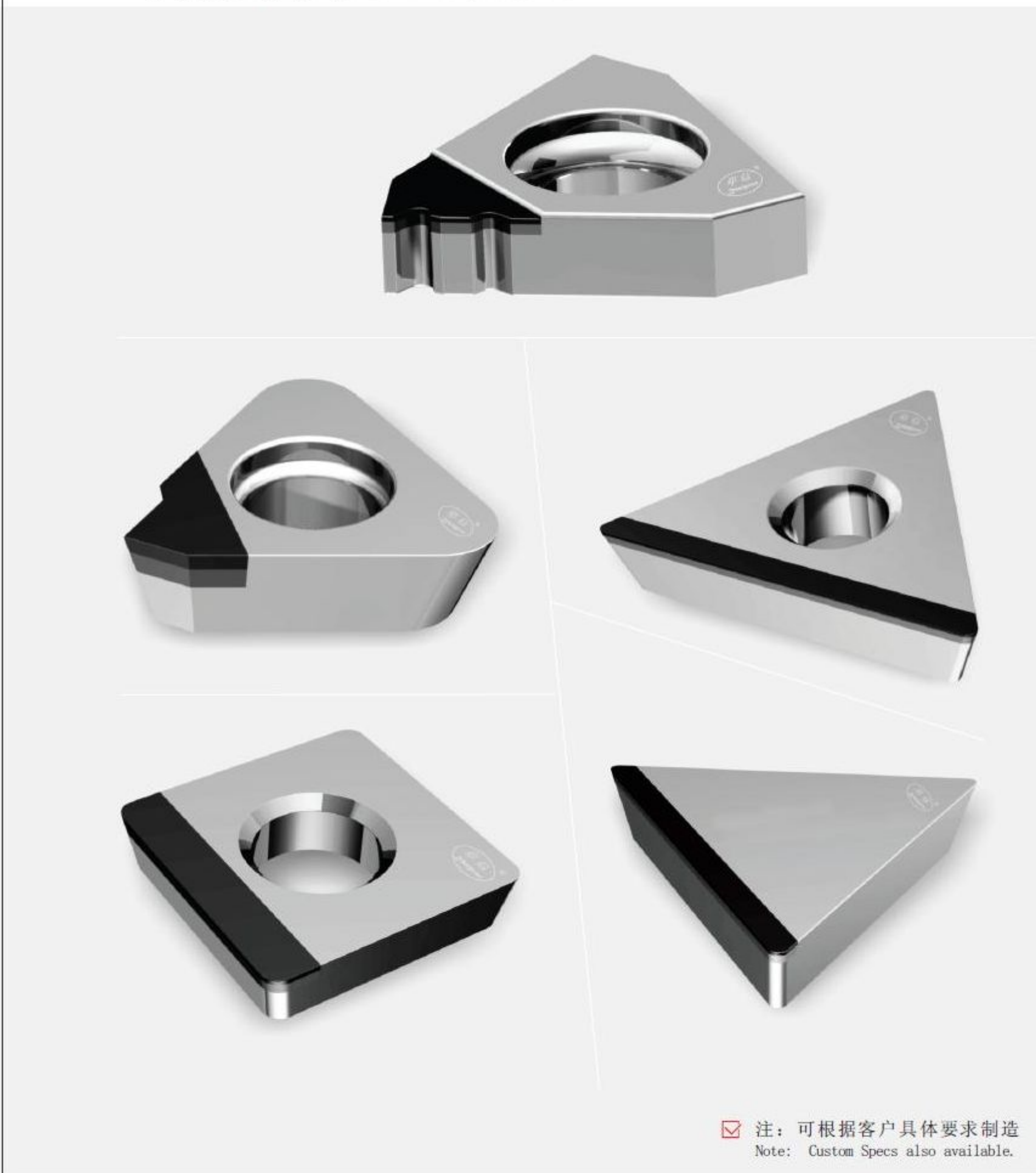
■ 汽车发动机加工系列刀具

Series of cutters for auto engine machining

缸孔镗刀片 *Cylinder bore boring insert*



缸孔止口刀片 *Cylinder bore and stop boring insert*

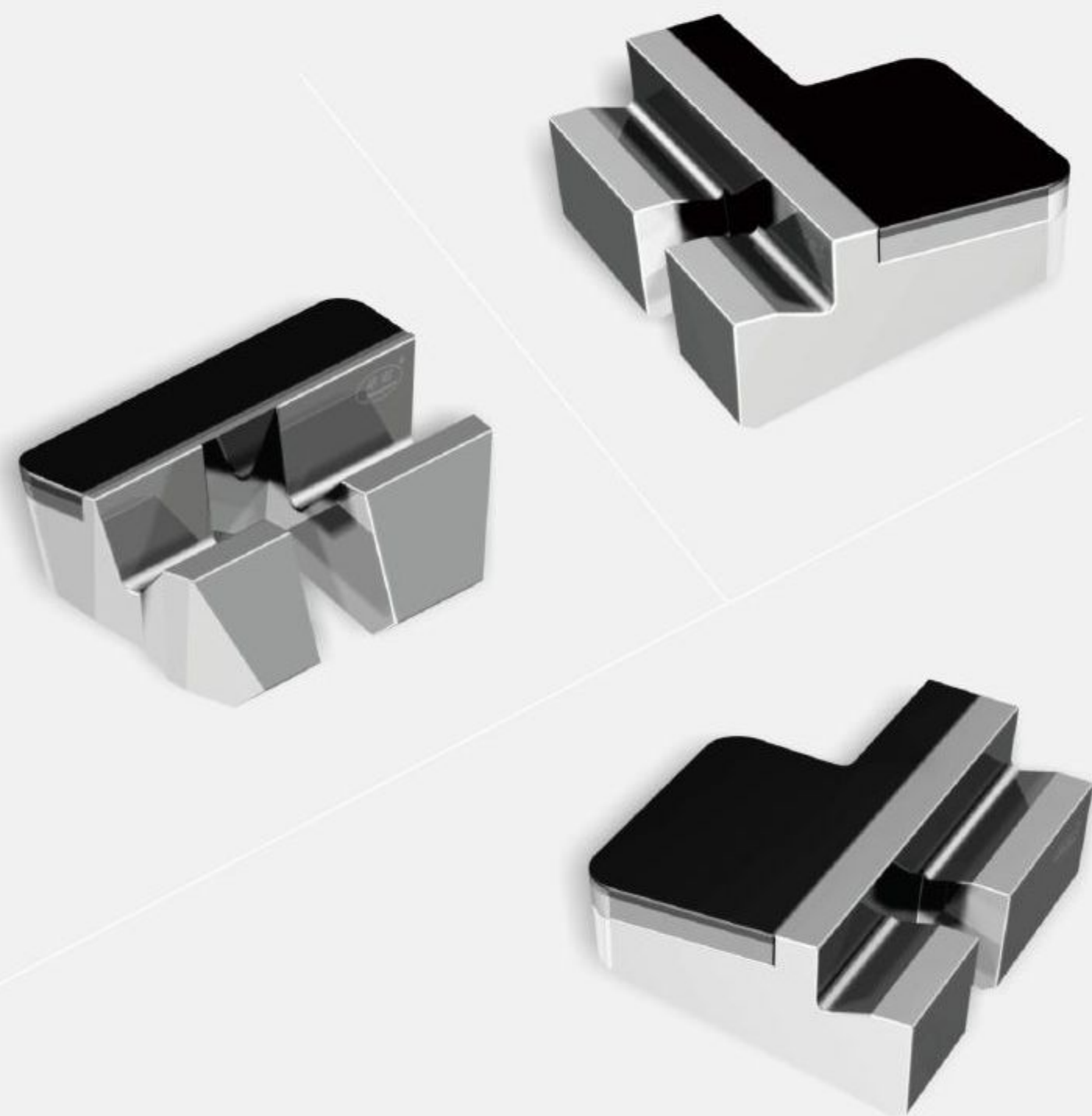


☑ 注：可根据客户具体要求制造
Note: Custom Specs also available.

■ 汽车发动机加工系列刀具

Series of cutters for auto engine machining

缸盖弹簧槽槽刀片 *Insert for machining spring groove of the cylinder head*



气门导管镗刀片 *Valve guide boring insert*



☑ 注：可根据客户具体要求制造
Note: Custom Specs also available.

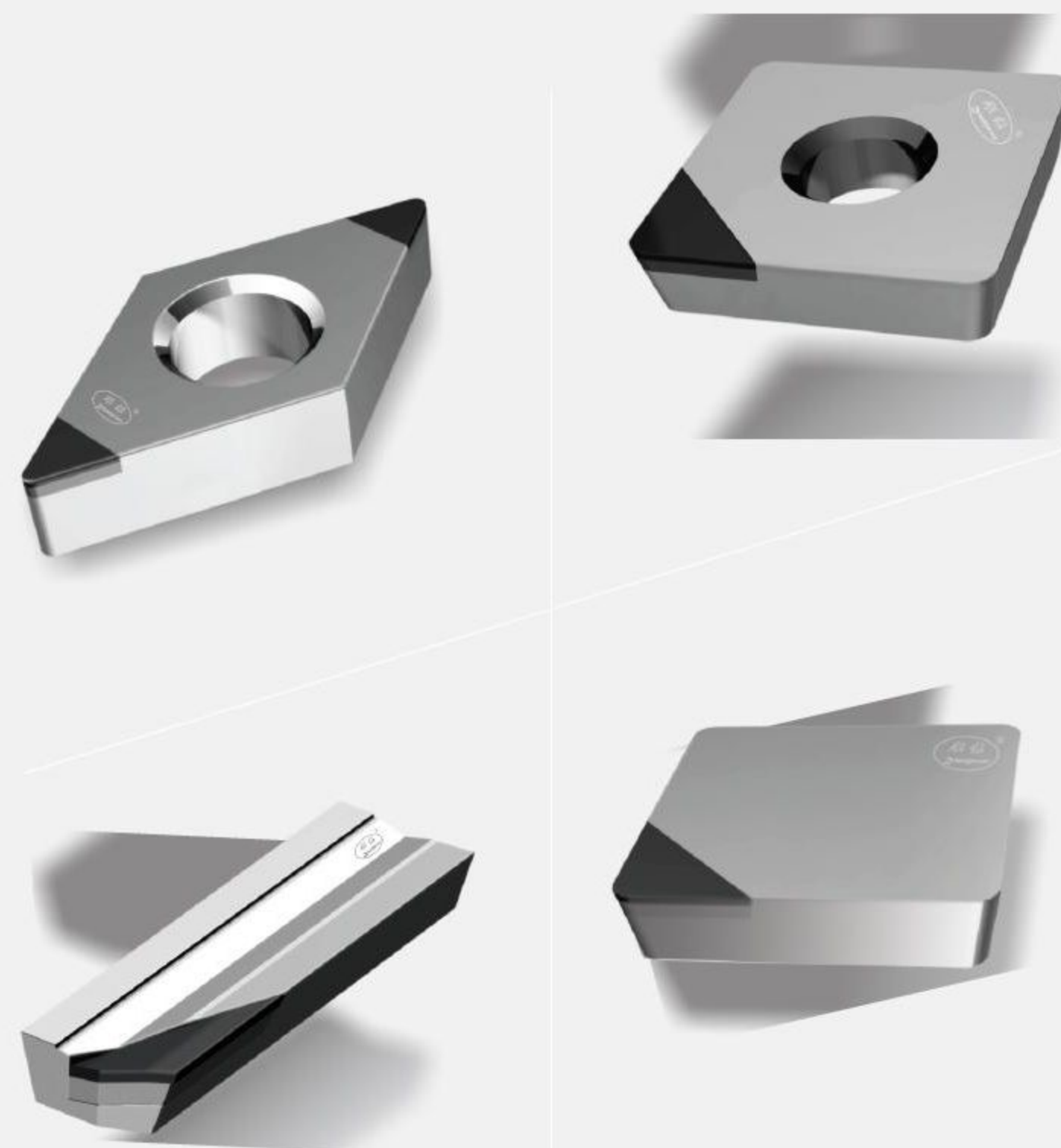
■ 汽车发动机加工系列刀具

Series of cutters for auto engine machining

气门阀座倒角刀 *Cutter for machining valve seat chamfer*



曲轴孔、凸轮轴孔镗刀片 *Crankshaft and camshaft bores boring inserts*



☒ 注：可根据客户具体要求制造
Note: Custom Specs also available.

■ 活塞加工刀具

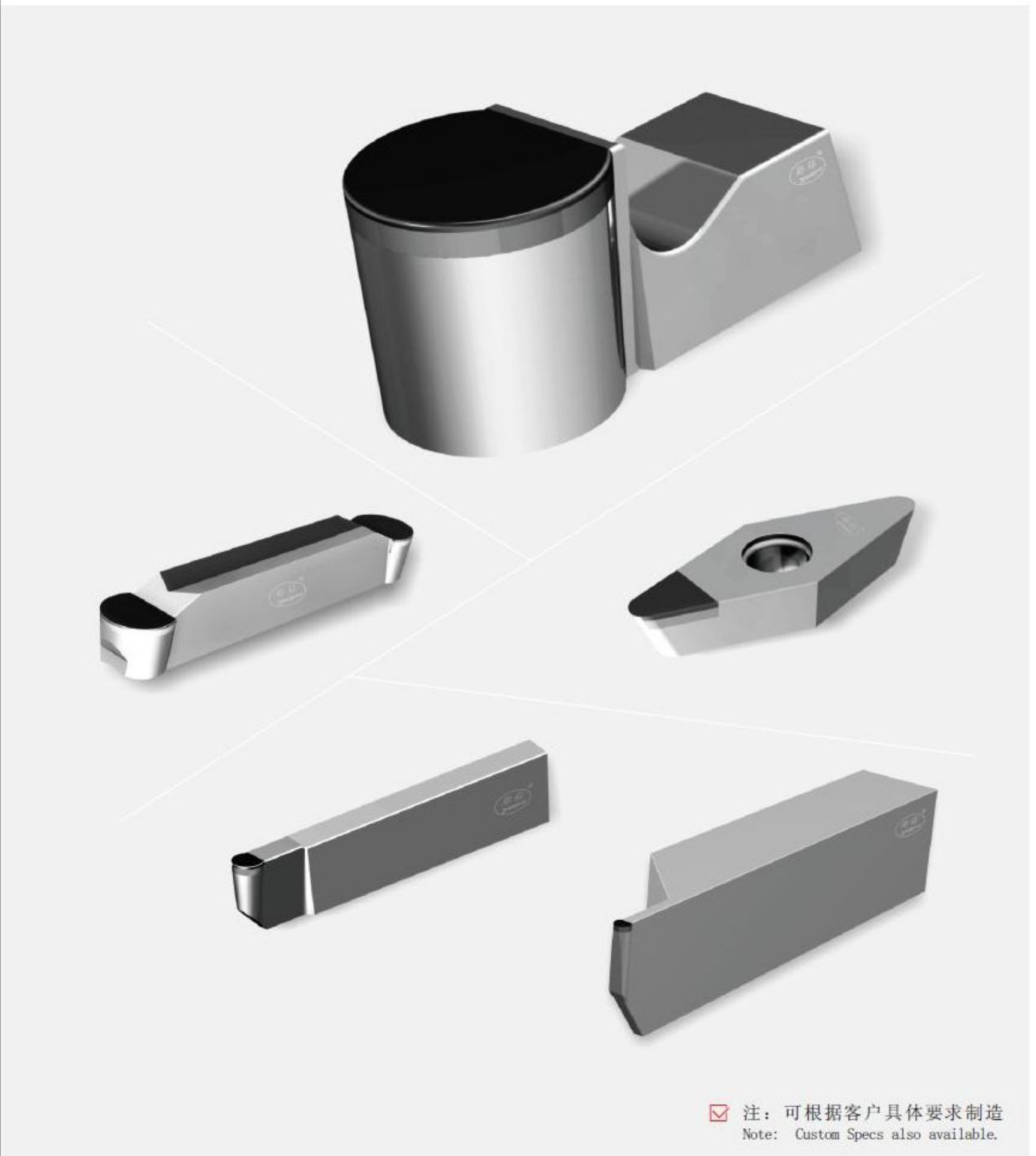
Piston machining cutter



■ 轮毂加工刀具

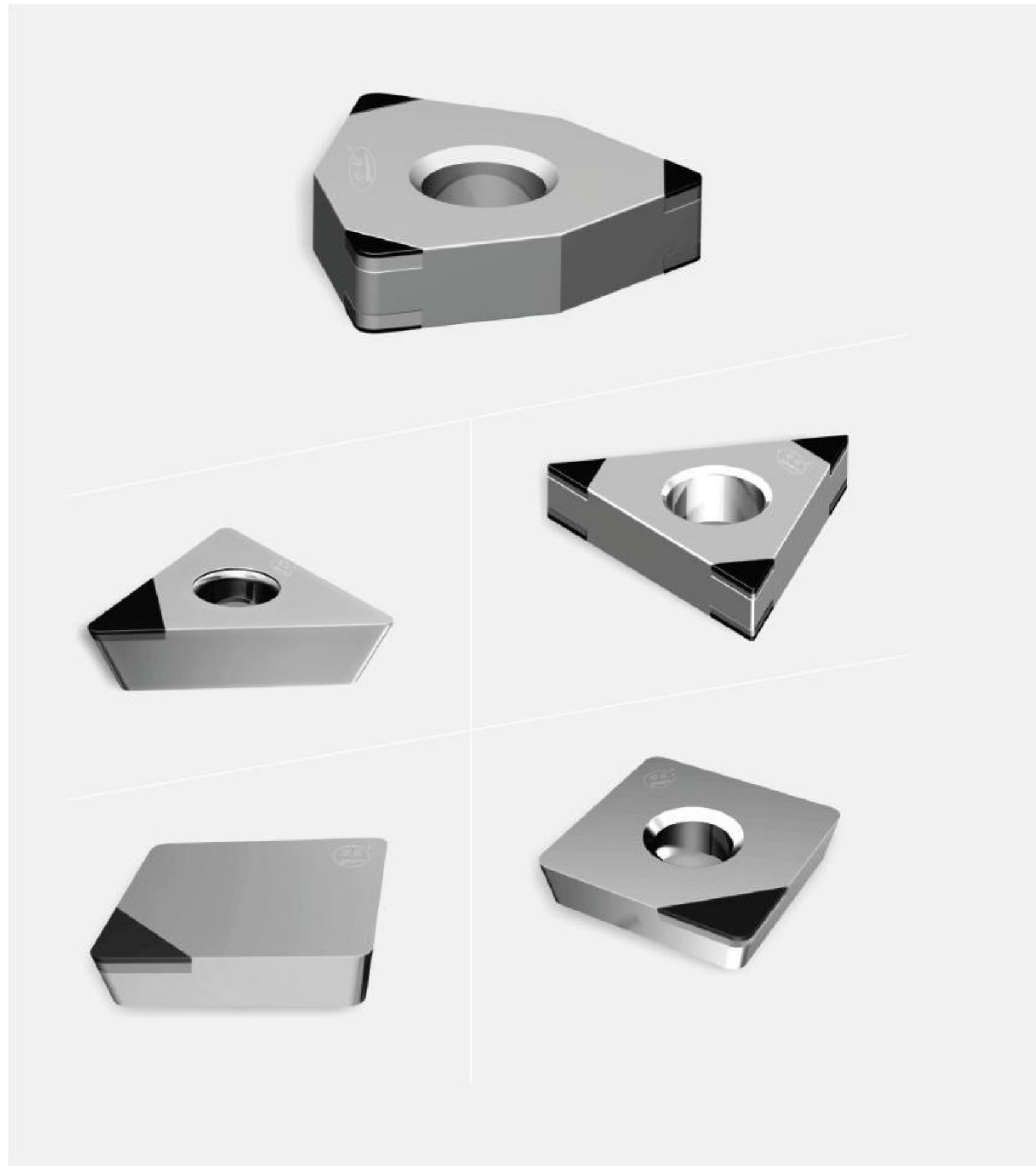
Wheel hub machining cutter

卓 / 越 / 品 / 质 用 / 心 / 铸 / 就 



☒ 注：可根据客户具体要求制造
Note: Custom Specs also available.

■ 标准刀片
Standard Blade



■ 焊接刀具
Welding tools

卓 / 越 / 品 / 质 用 / 心 / 铸 / 就 郑钻®
Zhengzuan



☑ 注：可根据客户具体要求制造
Note: Custom Specs also available.

■ 成型刀具系列

Series of molding cutter

球头铣刀 Ball end mill



缸盖气门加工复合刀具 Composite cutter for machining cylinder head and valve



☑ 注：可根据客户具体要求制造
Note: Custom Specs also available.

■ 成型刀具系列

Series of molding cutter

槽铣刀 Groove milling cutter



卓 / 越 / 品 / 质 用 / 心 / 铸 / 就



枪 钻 Gun drill



☑ 注：可根据客户具体要求制造
Note: Custom Specs also available.

■ 成型刀具系列

Series of molding cutter

面铣刀 Face cutter



BT40刀柄系列刀具 BT40 shank series cutters

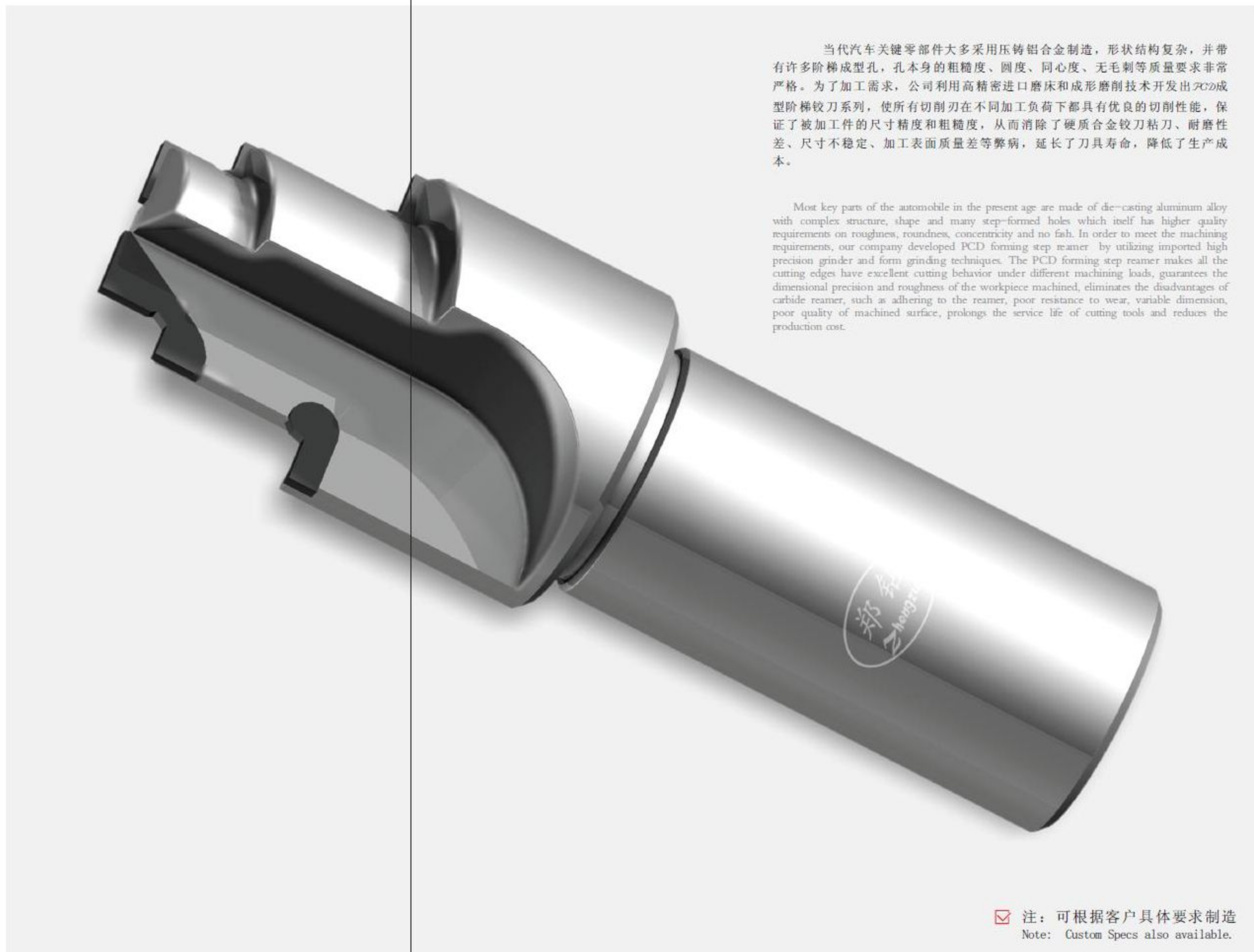


☑ 注：可根据客户具体要求制造
Note: Custom Specs also available.

■ 成型刀具系列

Series of molding cutter

阶梯铰刀 Step Reamer



当代汽车关键零部件大多采用压铸铝合金制造，形状结构复杂，并带有许多阶梯成型孔，孔本身的粗糙度、圆度、同心度、无毛刺等质量要求非常严格。为了加工需求，公司利用高精度进口磨床和成形磨削技术开发出PCD成型阶梯铰刀系列，使所有切削刃在不同加工负荷下都具有优良的切削性能，保证了被加工件的尺寸精度和粗糙度，从而消除了硬质合金铰刀粘刀、耐磨性差、尺寸不稳定、加工表面质量差等弊病，延长了刀具寿命，降低了生产成本。

Most key parts of the automobile in the present age are made of die-casting aluminum alloy with complex structure, shape and many step-formed holes which itself has higher quality requirements on roughness, roundness, concentricity and no burr. In order to meet the machining requirements, our company developed PCD forming step reamer by utilizing imported high precision grinder and form grinding techniques. The PCD forming step reamer makes all the cutting edges have excellent cutting behavior under different machining loads, guarantees the dimensional precision and roughness of the workpiece machined, eliminates the disadvantages of carbide reamer, such as adhering to the reamer, poor resistance to wear, variable dimension, poor quality of machined surface, prolongs the service life of cutting tools and reduces the production cost.

☑ 注：可根据客户具体要求制造
Note: Custom Specs also available.

■ 成型刀具系列

Series of shaping tools

SHK刀柄系列刀具 SHK shank series of cutters



■ 珩磨系列工具

Series of honing tools

珩磨条 Honing bar

卓 / 越 / 品 / 质 用 / 心 / 铸 / 就



☑ 注：可根据客户具体要求制造
Note: Custom Specs also available.

■ 珩磨系列工具

Series of honing tools

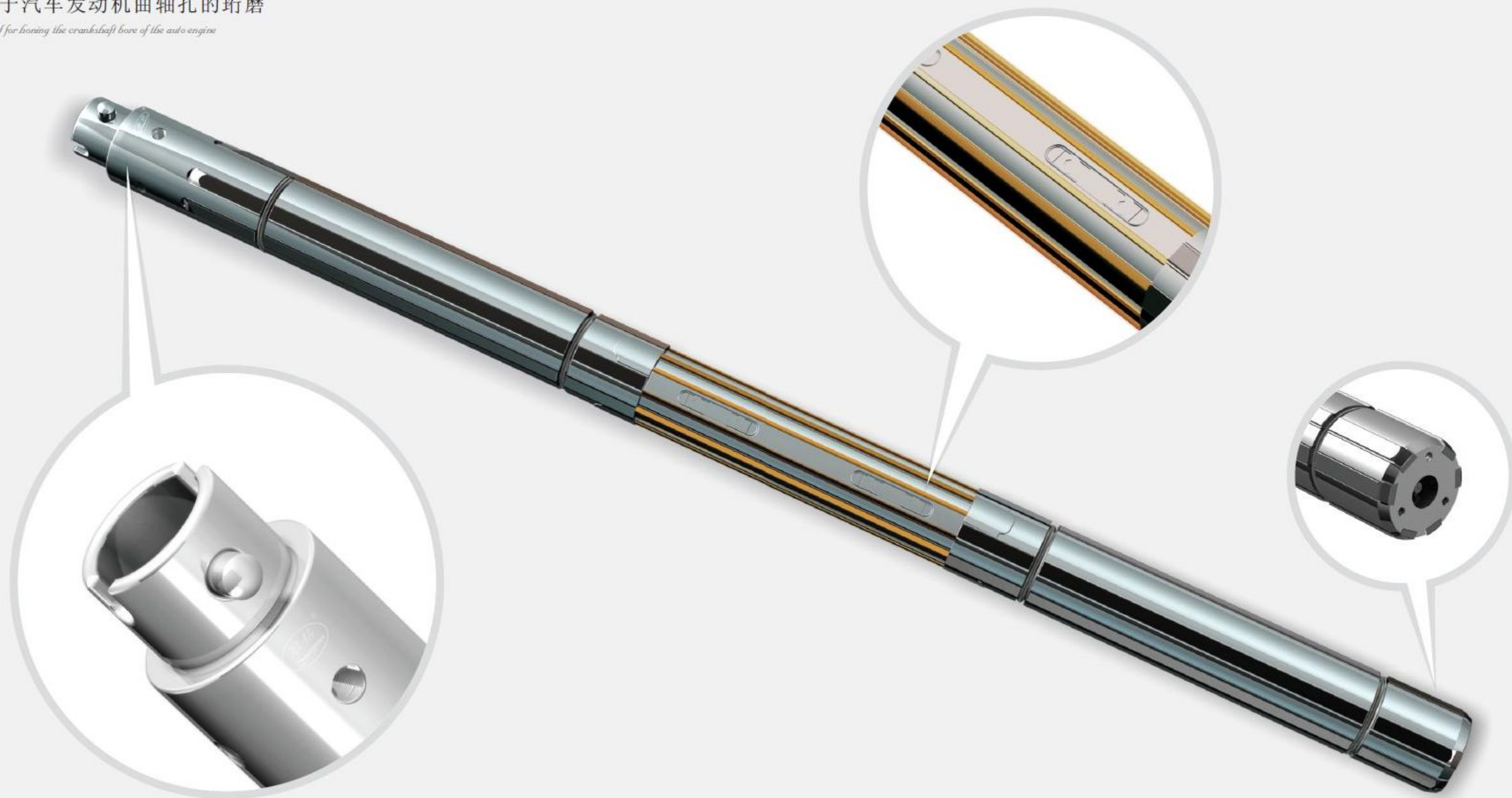
珩磨杆 Honing rod

卓 / 越 / 品 / 质 用 / 心 / 铸 / 就



→ 用于汽车发动机曲轴孔的珩磨

Used for honing the crankshaft bore of the auto engine



☑ 注：可根据客户具体要求制造
Note: Custom Specs also available.

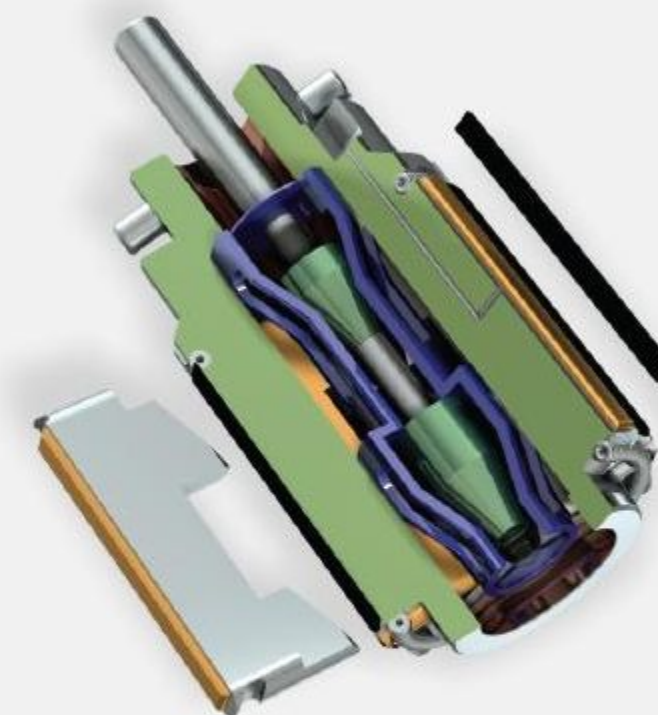
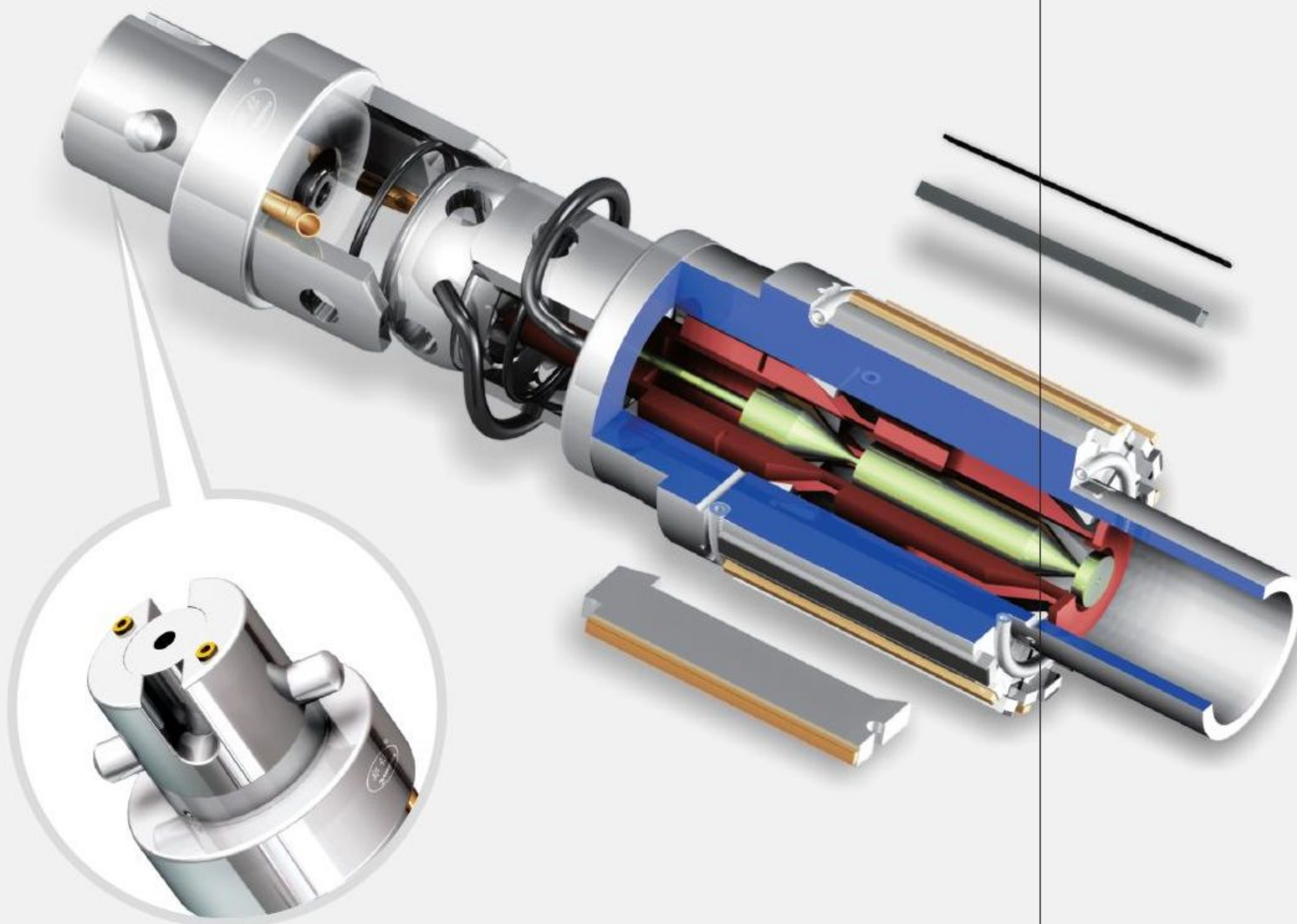
■ 珩磨系列工具

Series of honing tools

珩磨头 Honing head

→ 用于汽车发动机缸孔的珩磨

Used for honing the cylinder bore of the auto engine



☑ 注：可根据客户具体要求制造
Note: Custom Specs also available.

■ 天然金刚石工具
Natural diamond tools



■ 金刚石支架
Diamond bracket

卓 / 越 / 品 / 质 用 / 心 / 铸 / 就 郑钻[®]
zhengzuan



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