

## 珩磨系列 / 珩磨条 HONING BAR



珩磨条主要用于精磨磨削，研磨，抛光和超精加工，是加工各种高精度工件的一种先进工具，以达到高精度的加工表面。其中包括金刚石和立方氮化硼两个系列产品，是传统类珩磨条加工寿命的 300-500 倍；在加工过程中，稳定性可靠，广泛用于航空航天、汽车、内燃机、空调压缩机等工业领域。郑钻可根据用户的不同要求尺寸生产各种规格的珩磨条。

Honing bar is a type of high-tech tool to achieve high-precision surface finish. Honing bar can be divided into PCD (Polycrystalline diamond) type and cubic boron nitride (CBN) type by material that processing durability is 300-500 times longer than traditional honing bars. It is widely used in aircraft, automobile, internal combustion engine, compressor manufacturing industry. Our company can design and produce honing bars in different specification according to our customers' requirements.

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### 郑州市钻石精密制造有限公司 Zhengzhou Diamond Precision Manufacturing Co.,Ltd

电话: 0371-60300960  
国际电话: +86 371 60300918/60300919  
传真: 0371-60300961/60300962/60300963  
网址: <http://www.zhengzuanchina.com>  
邮箱: [zhengzuan@zhengzuanchina.com](mailto:zhengzuan@zhengzuanchina.com)  
国内市场部: [sales@zhengzuanchina.com](mailto:sales@zhengzuanchina.com)  
国际市场部: [intl@zhengzuanchina.com](mailto:intl@zhengzuanchina.com)  
邮编: 450016  
地址: 郑州经济技术开发区第七大街198号

Tel: 0371-60300960  
International Tel: +86 371 60300918/60300919  
Fax: 0371-60300961/60300962/60300963  
Web Site: <http://www.zhengzuanchina.com>  
E-mail: [zhengzuan@zhengzuanchina.com](mailto:zhengzuan@zhengzuanchina.com)  
Domestic Marketing E-mail: [sales@zhengzuanchina.com](mailto:sales@zhengzuanchina.com)  
International Marketing E-mail: [intl@zhengzuanchina.com](mailto:intl@zhengzuanchina.com)  
P.C: 450016  
Add: NO.198,the 7th Ave of Zhengzhou Economic and Technological Development Zone,Henan,P.R.C

Honing tool series  
special tools series

珩磨系列  
专用工具



## 珩磨系列 / 珩磨头 HONING SERIES HONING HEAD



珩磨头是珩磨加工工艺中必须使用的一种工具，和珩磨机配合使用，有随机床在线测量功能：可完成一般珩磨工艺和网纹珩磨技术工艺，特别是网纹珩磨技术在制造工艺中更为重要。  
郑钻生产的珩磨头全部采用优质钢材制造，圆周均布金刚石珩磨条，具有加工精度高，稳定性强和使用寿命长等特点。产品广泛应用于各种内燃机汽缸、液压油缸、制动器精密孔的精加工，加工精度为 IT7~IT6，孔的圆度和圆柱公差可控制在 3-5 μm 的范围之内。

Honing head is a vital part in honing processing technology, which can process traditional honing pieces and reticulate by working with honing machine. Honing head produced by our company all choose high-quality steel materials with diamond honing bars around which can offer better processing precision, stability and durability. Honing head is widely used in processing high precision holes of internal combustion cylinder, hydraulic oil pressure, brake; The roundness of IT7~IT6 holes and cylinder tolerance can be controlled in 3-5 μm.



## 珩磨系列 / 珩磨铰珩杆 HONING ROD

珩磨铰珩杆主要用于细长深孔的高精加工，具有修正孔的直线度，误差小。例如在发动机曲轴孔等孔类加工中采用镗削加工。为进一步提高孔的精度，必须采用铰珩珩磨工艺。并且具有加工精度高、稳定性强、修整简便和使用寿命长等特点。

Honing rod is mainly used in processing slim-deep holes, correcting linear degrees with less inaccuracy. For example, to increase the hole precision in boring processing of engine crankshaft hole. Honing rod technology becomes necessary, and it features better precision, stability, durability and is easy-maintained.

