刀模具产品手册

主要产品
main products

剪切机械刀片类型
Cutting machine biade series

折弯机模具冲模系列
Bending die stamping die series

冶金机械刀片系列
Metallurgical machinery biade series

圆盘滚剪刀片系列
Disc scissors series

撕碎粉碎刀片系列
Shredding and crushing biade series

印刷包装刀片系列
Printing and packaging biade scries

合金圆刀齿刀系列
Alloy circular cutter tooth cuter series

其他异型刀片系列
Other special-shaped biade series

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常州市斌盛冶金机械有限公司
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剪切长刀系列
Shear long knife series

剪版机系列分为两大类。有Q11机械传动型和QC12Y液压摆式型，刀片主要采用9CrSi、5CrW2Si、6CrW2Si、CrWMn、Cr12Mov、H13、H13K、W18Cr4V等优质工具钢和合金工具钢制造，刃口锋利，耐磨损、切口平整、产品无毛刺，可生产长度8米以内的各类剪板机刀片。

The blade of a plastic shredder is a blade mounted on a shredder , usually composed of a divding knife and a moving knife. A moving knife is mounted on a rotating tool frame. With the rotating of the tool frame , the material is rotated with a fixed knife. It iswidely used in various kinds of engineering plastics such as ABS , PE , PP , PT ,nylon, modified plastic, wood , polymer compostiteand so on. The power is fine and uniform . The company chooses the tool material according to the material of the customer' s power.

折弯机模具系列
Mould, die and fixture series of bending machine

折弯机模具具有两大类：有国际折弯机模具，数控折弯机模具、可根据客户的不同要求，选择不同的设计方案，还可以提供特殊用途的模具、有弯头模、刀头模，90°、60°、45°、30°、尺形、圆柱形、U形和折弯压印模、集装箱专用模，各种灯、杆模具等。另有各种高精度折弯上模快夹

There are two main types of bending machine : national standard bending machine mold . CHC bending machine mold .According to the different requirentmentsof customers.we can choose different design plans , and we can also provide special purpose moulds. There are bending die , knife mold , 90 degrees , 60 degrees , 45 degrees , 30 degrees , R , cylindrical , U and bending press impression, container special mold , various lamps , rod mold , etc . There are also various high precision bending fast clip.

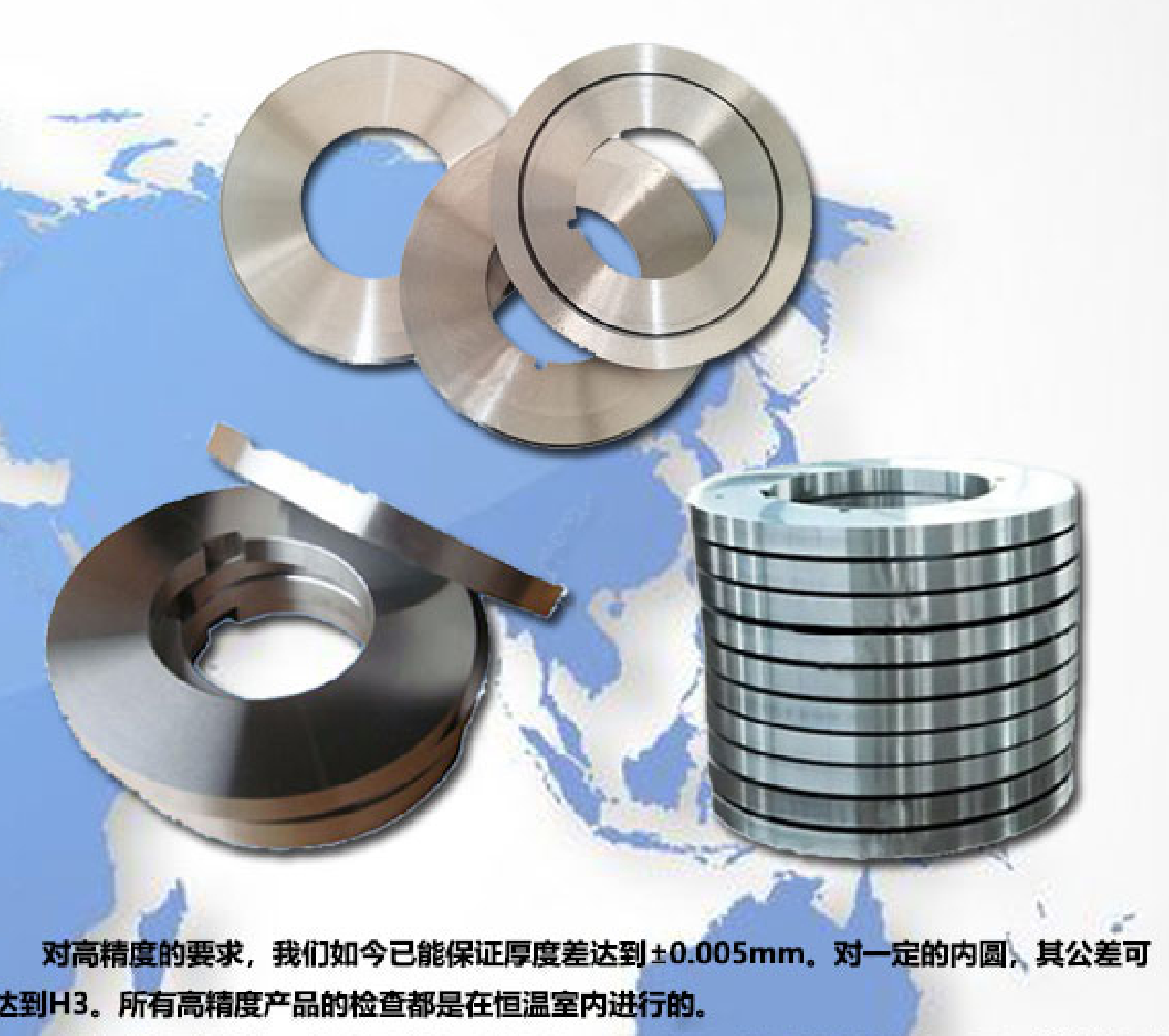
冶金机械刀片系列
Metallurgical machinery blade series

本公司生产的棒料剪刃材料主要采用6CrW2Si、H13K、LD、1.237等优质工具钢和合金模具钢制造，耐磨损、切口平整、产品无刺、散热性好。

本公司生产的连铸轧钢刀采用合金堆焊技术，大大地提高了刃具的使用寿命和剪切效果，深受客户喜爱。

The bar cutting edge materials produced by our company are mainly made of 6CrW2Si, H13K, LD, 1,237 and other high-quality tool steels and alloy die steels . They are wear-resistant, smooth cut, non-pricking and good heat dissipation.
The continuous casting and rolling steel knife produced by our company adopts alloy surfacing technology, wiich greatly improves the serive life and shearing effect of the cutting tool and is popular with users.

滚剪机刀片系列
Biade series of rolling shear



对高精度的要求，我们如今已能保证厚度差达到±0.005mm。对一定的内圆，其公差可达到H3。所有高精度产品的检查都是在恒温室内进行的。

随着对金属板材加工精度要求的不断提高，我们发展了超高精度的裁切工具，其精度至今只有精密铣削刀具才能与之匹配。±0.001mm厚度公差，和Ra0.1u表面粗糙度已是我们的常规标准。运用我们的技术诀窍和专业知识，还可以满足客户对厚度、平行度、平面度、外圆和内圆等更高的公差要求。

For high precision requirements. we have now ensured that thickness tolerance is up to+ 0.005 mm. For a certain internal circle, the tolerance can reach H3. All high precision products are checked in constant temperature chamber. With the continuous improvement of the precision requirements for metal sheet processing. we have developed a uitra high precision cutting tool. The precision of the cutting tool has only been matched only by the precision milling cutters. The thickness tolerance of 0.001mm and Ra0. 1u surface roughness are our common standards Using our know-how and prfessional knowledge. we can also meet the higher tolerance requirements for thickness, parallelism, flatness, outer circle and inner circle.

撕碎机刀片系列
Shears blades series

撕碎机是近年来发展十分迅速的- -种高效率的粉碎设备，适合回收各种大块实心体材料，难处理材料.塑料容器和塑料桶、塑料薄膜、纤维、纸张。主要有分为单轴撕碎机和双轴撕碎机刀片。

同时我公司也为各个厂家加工生产双(多) 轴撕碎机六方轴，产品的同心度在0.1mm,减少了机器在运转时刀片的跳动，有利于刀片的使用寿命，并且经过了调质和表面强化热处理，保证轴的使用中不变形，耐磨性好。材质: 45钢、 40Cr.

Tearing machine is a kind of high-efficiency crushing equipment developed rapidly in recent years. It is suitable for recycling variouslarge solid materials, dificult-to-treat materials, plastic containers and plastic buckets, plastic films, fibers and paper. It is mainlydivided into single shaft shredder and double shaft shredder blade.
At the same time, our company also processes and produces the hexagonal axle of double (mult) axle shredder for eachmanufacturer. The concentricity of the product is 0. 1mm, which reduces the runout of the blade while the machine is running, and is conducive to the service life of the blade. It has also undergone conditioning and surface strengthening heat treatment to ensure that the axle is not deformed and has good wear resistance. Material: 45 steel, 40Cr.

粉碎机刀片系列
Grinder blade series

塑料粉碎机刀片是安装在粉碎机上的刀片，一般由分定刀和动刀组成，动刀安装在旋转刀架上，随着刀架进行旋转，与定刀配合对物料进行旋转式的切割。广泛用于各种ABS、PE. PP. PT.尼龙、改性塑料、木材、高分子复合材料等各种工程塑料，所粉出的物料细小均匀，本公司根据客户所粉物料进行选择刀具材料。

Plastic crusher blade is installed on the crusher blade, generally consisting of a dividing knife and a moving knife. The moving knife is installed on the rotating knife holder. With the rotation of the knife holder, the material is rotated with the fixed knife. It is widely used in various engineering plastics such as ABS, PE, PP, PT, nylon, modified plastics, wood, macromolecule composite materials and so on. The powder is fine and uniform. The company chooses cutting tool materials according to the powder materials of customers.

包装机械刀片系列
Packaging machinery blade series

纸业刀片有各种类型修边分纸刀、三联、四联开槽刀，以及适用流水线生产的薄刀片等，薄刀片分切出的纸板边缘平整、光洁、无压扁现象，提高了纸板整体质量和外观。特别能对后道印刷质量带来根本性提高。

为了提高运行率和使得切断面更均匀,研究成功了适应于各种原材料及制品的各种钢种，再加上进行适当的热处理，使得刀具的锋利性和耐磨损性更进一步得到了保证。

The paper blade has various types of trimming knife, triple, quadruple slotting knife, and thin blades for production lines. Thin blades cut out the edge of the paperboard smooth, clean, no flat, improve the overall quality and appearance of the cardboard. Inparticular, it will fundamentally improve the quality of post track printing , In order to improve the running rate and make the cutting section more uniform, the various kinds of steel suitable for various raw materials and products are successfully studied, and the appropriate heat treatment is added to make the cutting tool sharpness and wear resistance further guaranteed.

齿形刀片系列
Toothed blade series

产品用途:齿形刀具广泛应用于包装机械、塑胶制品机械、食品机械以及其他产业机械上。

常用刀具材质: SK2. SUS-440C、 420-J2. TC、SKD-11. SKH，根据产品不同用途选用不同材料。

Product uses: tooth shaped tools are widely used in packaging machinery, plastic products machinery, food machinery and other industrial machinery.
Commonly used tool materials: SK2, SUS-440C, 420-J2, TC, SKD-11, SKH, according to different uses of products to choose different materials.

印刷机械刀片系列
Printing machinery biade series

纸业刀片有各种类型修边分纸刀.三联、四联开槽刀，以及适用流水线生产的薄刀片等,薄刀片分切出的纸板边缘平整、光洁无压扁现象，提高了纸板整体质量和外观。特别能对后道印刷质量带来根本性提高。

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钨钢、合金圆刀系列
Alloy circular knife series

分切刀片主要用于纸张、薄膜、铝箔、铜箔、磁带等物品的分切以及制管生产线上的刀具(含纸管、铜管.钢管),要求刀片切断阻力最小，耐磨损性最大。处于对商品精度的要求，具有时须达到微米级精度，

选料: SKD-11. SKH- -51. Cr12MoV. W6Mo5Cr4V2. W18Cr4V. LD等材料。

Cutting blades are mainly used for cutting paper, film, aluminium foil, copper foil,tape and other items, as well as cutting tools on pipe production line (including paper pipe, copper pipe, steel pipe), requiring that the cutting resistance of the blades is minimum and the wear resistance is maximum. In order to meet the requirement of accuracy, the blade must be micron precision.
Materials: SKD-11, SKH-51, Cr12MoV, W6Mo5Cr4V2, W18Cr4V, LD and other materials.

分切机械刀片系列
Slitting biade series

分切刀片主要用于纸张、薄膜、铝箔、铜箔、磁带等物品的分切以及制管生产线.上的刀具(含纸管、铜管、钢管),要求刀片切断阻力最小，耐磨损性最大。处于对商品精度的要求，刃具有时须达到微米级精度,选料: SKD-11. SKH-51. Cr12MoV. W6Mo5Cr4V2. W18Cr4V. LD等材料。

Cutting blades are mainly used for cutting paper, film, aluminium foil, copper foil,tape and other items, as well as cutting tools on pipe production line (including paper pipe, copper pipe, steel pipe), requiring that the cutting resistance of the blades is minimum and the wear resistance is maximum. In order to meet the requirement of accuracy, the blade must be micron precision.
Materials: SKD-11, SKH-51, Cr12MoV, W6Mo5Cr4V2, W18Cr4V, LD and other materials.

橡胶皮革刀片系列
Leather and rubber blade series

橡胶机械刀片-般多为异型刀片，主要有各种齿形平圆刀及条形刀。选料: 9CrSi. Cr12MoV. W6MO5Cr4V2. W18Cr4V. YG硬质合金等。

皮革刀片主要用于各类皮革的分条和裁切，我生产的分切刀片，切口整齐，无毛边，便于各种皮革制品的加工。选料: 9CrSi. Cr12MoV. W6Mo5Cr4V2. W18Cr4V等 。

Rubber mechanical inserts are usually special-shaped blades, which mainly have various kinds of toothed flat circular knives and strip knives. Material selection: 9CrSi, Cr12MoV, W6MO5Cr4V2, W18Cr4V, YG cemented carbide and so on.
Leather blades are mainly used for the slicing and cutting of various kinds of leather. The slitting blades produced by our factory have neat incisions and no hairy edges, which are convenient for the processing of various leather products. Materials: 9CrSi, Cr12MoV, W6Mo5Cr4V2, W18Cr4V, etc.

食品机械刀片系列
Food machinery biade series

随着我国人民生活水平提高，人们对饮食方面有了很高的要求。在传统的饮食上有了根本性变化，特别在肉类加工行业上，传统方式的手工制作生产的速度慢、质量差，对于卫生也不能得到很好的保证，这已经不能满足人们日益增长的需求。现代化的机械加工解决了这- -难题。

为了更好地提高机械化加工的产品的质量和生产的效力，需要质量好的刀具，而现在我国大部分刀具都依赖进口。根据这些情况，我公司研究开发出替代进口切肉类切片刀，用于加工各类食品的不锈钢刀片。为用户大大降低了生产成本，提高了生产效率。

With the improvement of the living standards of our people, people have a high demand for food and drink. There have been fundamental changes in the traditional diet, especially in the meat processing industry, the traditional way of hand-made production is slow, poor quality, and can not be well guaranteed for health, which can no longer meet the growing needs of people. Modern mechanical processing has solved this problem.
In order to better improve the quality and productivity of mechanized products, we need good quality cutting tools. Now most of our cutting tools rely on imports. According to these conditions, our company has developed a stainless steel blade to replace the imported meat cutter for processing all kinds of food. The cost of production is greatly reduced and the production efficiency is increased.

油墨刮刀系列
Ink scraper series

各种标准刮刀、组合刮刀、蓝钢刮刀.不锈钢刮刀、陶瓷刮刀、组合刀架等。
刮刀的高品质已为凹印包装印刷、柔版印刷、柔版UV .胶印上光、装饰材料印刷、压敏印刷、丝网印刷及涂布等应用广为认可。
广泛应用于:塑料印刷、柔板印刷、木纹纸标签、印铁、涂层、纸张等。

Various standard scrapers, combination scrapers, blue steel scrapers, stainless steel scrapers, ceramic scrapers, combination tool holder, etc.
The high quality of scraper has been widely recognized for gravure packaging printing, flexographic printing, flexographic UV, offset polishing, decorative material printing, pressure sensitive printing, screen printing and coating applications .
Widely used in plastic printing, Adagio printing, wood grain label, iron printing, coating, paper and so on.

林业机械刀片系列
Forestry machinery biade series

我公司根据木材加工的用刀需要，研究开发适合于各种材料加工的刀具以及专用材料和刀具制造的新工艺，特别是适合于刨花板、胶合板等木材的加工。通过使用的新材料、新工艺普碳钢与合金工具钢无氧化焊接复合刀具有抗冲击、耐磨、刃口锋利持久、使用方便的特点，深受国内外用户的好评。

削片机型号: BX213. BX213B、 BX215. BX216、 BX216A. BX218、 BX218B、 BX218- -2. BX218E、 BX2110. BX2113.BX2113C、BX2116。

According to the need of knife for wood processing, our company has developed a new technology for cutting tools, special materials and tool manufacturing, especially for particleboard, plywood and other wood processing. By using new materials and processes, the oxidized welding composite tool of common carbon steel and alloy tool steel has the characteristics of impact resistance, wear resistance, sharp edge and durable, easy to use, and is well received by users at home and abroad.
Chipper models: BX213, BX213B, BX215, BX216, BX216A, BX218, BX218B, BX218-2, BX218E, BX2110, BX2113, BX2113C,BX2116.

异型刀片系列
Special-shaped blade series

本公司生产的异形刀具，在意想不到的地方和我们的生活密切相关。譬如:标签纸冲刀，印相纸的切断刀,轮胎的花纹刀，制火柴，筷子用刀，制铅笔用切光刀，各类巧克力，奶糖的切断刀，以及食品罐头用刀，还有从，烟叶到卷烟过程中的各种刀具。选材: 9CrSi. Cr12MoV. W6MO5Cr4V2. W18Cr4V. 3Cr13. 4Cr13.7Cr17等。

The special-shaped cutting tools produced by our company are closely related to our lives in unexpected places. For example:stamping knives for label paper, cutting knives for printing paper, tread knives for tyres, matches, chopsticks, pencils, chocolates,sugar, canned food, and tobacco. Material selection: 9CrSi, Cr12MoV, W6MO5Cr4V2, W18Cr4V, 3Cr13, 4Cr13, 7Cr17 and so on.