ZHONGZHI
DIAMOND TOOL
泉州众志新材料科技有限公司
QUANZHOU ZHONGZHI NEW MATERIAL TECHNOLOGY CO.,LTD.
工程项目产品
DIAMOND TOOLS FOR CONSTRUCTION


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ZHONGZHI
DIAMOND TOOL



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## 公司简介

泉州众志新材料科技有限公司&泉州众志金刚石工具有限公司是泉州金刚石工具产业联盟理事长单位，成立于2003年，是中国金刚石工具行业最具影响力的公司之一，公司多年来一直致力于不同用途的金刚石工具的研究、开发、生产，在行业内率先提出”品质驱动事业，服务联系未来”的品牌经营理念，并形成了以产品研发，制造生产，出口贸易，售后服务为核心的现代企业经营体系。

经过多年来的经营，众志已经是最大的石材工具制造商之一，其产品主要包括金刚石滚筒，金刚石磨边轮，普通磨块，金刚石布拉磨块等相关的石材工具。我们提供精湛的设计和新特性明显优于其它制造商生产的类似产品。

泉州众志金刚石工具有限公司凝聚了一支雄厚的技术队伍和一批专业经验丰富的熟练工人，与科研单位高等院校合作，具有强大的研究、开发、生产不同用途金刚石工具的能力。公司早在2005年通过ISO9001：2008质量管理体系认证，获得UKAS认证证书。在生产管理过程中，全面采用品质管理体系与完美的社会责任体系，使员工在一个舒适和谐生产环境中，高效优质的生产各种金刚石工具。

公司始终坚守”诚信为本，创新为魂，持续改进，追求卓越”的经营理念，创造更好更新的产品，向客户提供良好的售前售后服务是我们永远的追求，让我们携手共创辉煌。



## COMPANY PROFILE

Quanzhou Zhongzhi New Material Technology Co.,Ltd.&Quanzhou Zhongzhi Diamond Tools Co.,Ltd. was founded in 2003. As one of the most influential companies in diamond tool industry, we devote ourselves to researching and developing diamond tools in different functions for decades. Under the management conception of "Quality makes achievements, service creates future", we have formed developing, manufacturing, producing, processing, exportation & service into a coordinate modern enterprise system.

With years of business experience, Zhongzhi is one of the biggest manufacturers specialized in ceramic tools, including diamond roller, diamond squaring wheel, normal abrasives, diamond fickert and so on. Our new models offer superb design and their new features give them distinct advantages over similar products from other manufacturers.

We have our own strong technical force and skillful workers ,keep long term cooperation with diamond technological research institute to work for technical innovation.

Earlier in 2005, our company had gotten the ISO9001 : 2008 certificate and was authorized by UKAS. All of our production and inspection are strictly controlled by the International Standard. Meanwhile, we share a comfortable and harmonious working environment within the social liability system to ensure premium quality diamond products.

We are insisting on the management principle: Integrity first, Innovation the core, continuous improvement, strive for excellence. With this concept, we are creating more and more excellent products and providing better and better service. Let's win-win together hand by hand.



# 1 金刚石焊接锯片
# Diamond Brazed Blades








## 激光通用片 用于角磨机
## Laser Blades Universal, For Angle Grinder

此类产品用于各种石材、混凝土制品的加工，常见加工方式是 板材边角的切断、边缘带角度斜面的切割、块状制品材料的去除、不规则表面的粗略修整、制品轮廓的成型修整。采用了激光焊接，极大地增强了刀头与基体的焊接强度，安全性极为可靠。

This product is used for processing stone and concrete materials. The common processing method as follows: cutting the edge of slab, edging with bevel shape, rough finishing the irregular surface and profile. The welding by laser, strengthens the segments stick to the body, which is much safe when operating.





## V型斜槽斜齿片

### V– Shaped Laser Turbo Bevel Segmented Blade

在常规普通分齿的表面增加了倾斜凹槽，并且刀头外缘有缺口设计，改善了初始切割的锋利性，提高了排屑和散热能力，进一步提高了干切锋利度力，进一步提高了干切锋利度。

The special design on the segment with V shape and inclined groove, improves the sharpness of initial cutting, gets ideal chip removal and better cooling, also enhances the sharpness under the dry cutting condition.



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 齿 数 | 孔径可选 Optional Core Diameter |
|---|---|---|---|
| 115 | 31*2.2*8 | 9 斜槽斜齿V型 | 20 |
| 180 | 33*2.5*8 | 14 斜槽斜齿V型 | 22.23 |
| 230 | 38*2.6*8 | 16 斜槽斜齿V型 | 25.4 |

## 斜槽斜齿片

### Laser Turbo Bevel Segmented Blade

在常规普通分齿的表面增加了倾斜状凹槽，基体表面增加了散热孔，提高了排屑和散热能力，进一步提高了 干切锋利度。

The segments with inclined groove and body with heat emission holes, gets ideal chip removal and better cooling, also enhances the sharpness under the dry cutting condition.



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 齿数 | 孔径可选 Optional Core Diameter |
|---|---|---|---|
| 125 | 30*2.4*10 | 10 斜槽斜齿V型 | 20 |
| 180 | 33*2.8*10 | 14 斜槽斜齿V型 | 22.23 |
| 230 | 36*3*10 | 16 斜槽斜齿V型 | 25.4 |



激光通用片 用于角磨机
Laser Blades Universal, For Angle Grinder

## 通用分齿片

### Laser Segmented Blades Universal

普通分齿节块型，为最常见齿型，有较好的排屑与风冷散热能力，适合干式切割。

Segmented type is the most familiar type, it is characteristic of ideal chip removal and better cooling. Suitable for dry use.



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 齿 数 | 孔径可选 Optional Core Diameter |
|---|---|---|---|
| 105 | 32*2.2*10 | 8 | 20<br>22.23<br>25.4 |
| 115 | 32*2.2*10 | 9 | |
| 125 | 32*2.2*10 | 10 | |
| 150 | 32*2.2*10 | 12 | |
| 180 | 34*2.4*10 | 14 | |
| 200 | 34*2.8*10 | 16 | |
| 230 | 34*2.8*10 | 18 | |
| 230 | 37*3.0*15 | 16 | |

## 直槽直齿片

### Laser Segmented Blade Straight Groove

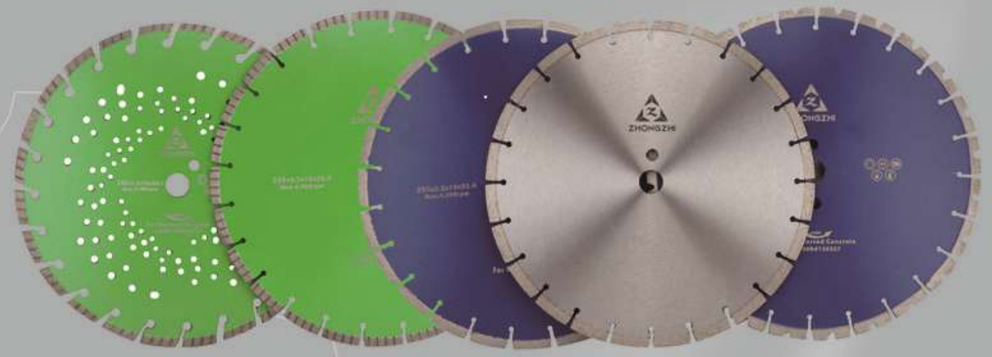
在常规普通分齿的表面增加了放射状凹槽，提高了排屑和散热能力，进一步提高了干切锋利度。

The straight groove on the segments, gets ideal chip removal and better cooling, also enhances the sharpness under the dry cutting condition.



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 齿数 | 孔径可选 Optional Core Diameter |
|---|---|---|---|
| 105 | 32*2.4*10 | 8 直槽直齿 | 20<br>22.23<br>25.4 |
| 115 | 32*2.4*10 | 9 直槽直齿 | |
| 125 | 32*2.4*10 | 10 直槽直齿 | |
| 150 | 32*2.4*10 | 12 直槽直齿 | |
| 180 | 34*2.8*10 | 14 直槽直齿 | |
| 200 | 34*2.8*10 | 16 直槽直齿 | |
| 230 | 34*2.8*10 | 16 直槽直齿 | |



# 激光片 用于手持式高速锯
# Laser Blades, For Hand Held Power

此类产品是装配在大型手持机器使用，有 电力驱动、气压驱动、液压驱动、汽油引擎驱动四种，在切割机自重、功率、转速方面有明显的区别。也有不同的几种齿型可供选择。

此类产品主要用于较大体积的石料、混凝土制品的切割及修整；以及管桩、部分墙体、窗门洞的切割修整。应依据具体的设备种类、加工材料、用户要求选择不同的产品规格与类型。

This product is installed in the larger hand held machine, dividing into four kinds:electric drive, pneumatic drive, hydraulic drive and engine drive, which has obvious difference on the weight of cutters, power and RPM. There are several kinds of shapes available for your selection.

This product is usually used for cutting and finishing block and concrete products, as well as tubular pile, wall, door and window. To choose suitable products according to different devices, material and customers' requirements.









# 激光片 用于手持式高速锯
# Laser Blades, For Hand Held Power

## 普通分齿型 Segmented Type

常用规格 Regular Size



| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 可选齿数、齿型 | 孔径可选 Optional Core Diameter |
|---|---|---|---|
| 250 | 40*3.0*10 | 17 普通分齿 | 20<br>22.23<br>25.4<br>30.5 |
| 300 | 40*3.0*10 | 21 普通分齿 | |
| 350 | 40*3.2*10 | 24 普通分齿 | |
| 400 | 40*3.6*10 | 28 普通分齿 | |

## 直槽直齿型 Segmented Straight Groove Type

常用规格 Regular Size



| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 可选齿数、齿型 | 孔径可选 Optional Core Diameter |
|---|---|---|---|
| 300 | 40*3.0*10 | 21 直槽直齿 | 20<br>22.23<br>25.4<br>30.5 |
| 350 | 40*3.2*(8+2) | 24 直槽直齿 | |
| 400 | 40*3.2*10 | 28 直槽直齿 | |

## 斜槽斜齿型 Turbo Bevel Segmented Type

常用规格 Regular Size



| Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 可选齿数、齿型 | 孔径可选 Optional Core Diameter |
|---|---|---|---|
| 300 | 36*3.2*10 | 21 斜槽斜齿 | 20<br>22.23<br>25.4<br>30.5 |
| 350 | 36*3.2*10 | 24 斜槽斜齿 | |

## 斜槽斜齿V 型 V-shaped Laser Turbo Bevel Segmented Type

常用规格 Regular Size



| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 可选齿数、齿型 | 孔径可选 Optional Core Diameter |
|---|---|---|---|
| 400 | 40*3.4*10 | 28 斜槽斜齿V型 | 20<br>22.23<br>25.4<br>30.5 |




# 路面切割锯片
# Floor Saw Blade

此类产品装配道路切割机使用，主要用于地坪、道路、停车场、跑道等室外场所的维护作业，一般为湿式切割，被加工材料有新混凝土、旧混凝土（含钢筋或不含钢筋）、沥青混凝土。应根据被加工材料、设备类型、用户具体要求来选择合适规格与品种的产品。

Such product is for walk behind saw, and is mainly used for the maintenance of the floor, road, parking lot and runway. Normally wet cut green concrete, cured concrete (or reinforce concrete), asphalt. To choose appropriate specifications and products according to the material , equipment and customers' requirements.











# 路面切割锯片
# Floor Saw Blade

## 钢混水泥片
## Reinforce Concrete Blade

均采用激光焊接，确保操作安全性；采用窄水槽，确保切割平稳，切割边光滑； 用于加工含钢筋或不含钢筋的已固化混凝土。

Laser welding, ensures the safety operating ; Narrow water slot, ensures the stable cutting and get smooth edge; Used for processing concrete or reinforce concrete.



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 可选齿数、齿型 | 孔径可选 Optional Core Diameter |
|---|---|---|---|
| 300 | 40*3.0*12 | 21 | |
| 350 | 40*3.2*12 | 24 | 20<br>22.23<br>25.4<br>30.5<br>50<br>60 |
| 400 | 40*3.6*12 | 28 | |
| 450 | 40*4.0*12 | 32 | |
| 500 | 40*4.2*12 | 36 | |
| 600 | 40*4.6*12 | 42 | |
| 650 | 40*4.6*12 | 46 | |
| 700 | 40*4.8*12 | 50 | |
| 750 | 40*5.5*12 | 54 | |
| 800 | 40*5.5*12 | 57 | |

## 新混水泥片
## Green Concrete Blade

均采用激光焊接，确保操作安全性；采用窄水槽，确保切割平稳，切割边光滑；用于加工新鲜混凝土路面。

Laser welding, ensures the safety operating ; Narrow water slot, ensures the stable cutting and get smooth edge; Used for processing green concrete.



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 可选齿数、齿型 | 孔径可选 Optional Core Diameter |
|---|---|---|---|
| 300 | 40*3.0*12 | 21 | |
| 350 | 40*3.2*12 | 24 | 20<br>22.23<br>25.4<br>30.5<br>50<br>60 |
| 400 | 40*3.6*12 | 28 | |
| 450 | 40*4.0*12 | 32 | |
| 500 | 40*4.2*12 | 36 | |
| 600 | 40*4.6*12 | 42 | |
| 650 | 40*4.6*12 | 46 | |
| 700 | 40*4.8*12 | 50 | |
| 750 | 40*5.5*12 | 54 | |
| 800 | 40*5.5*12 | 57 | |

# 路面切割锯片
# Floor Saw Blade

## 沥青混凝土片 Asphalt Blade

均采用激光焊接，确保操作安全性；带有保护齿，防止基体磨损；宽水槽便于粘性材料顺利排出，增加切割锋利性；用于加工沥青混凝土。

Laser welding, ensures the safety operating; with the protecting teeth, will avoid the abrasion of the body; wide slot, easy to vent the viscous materials, and to enhance the sharpness; Used for processing asphalt.



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 可选齿数、齿型 | 孔径可选 Optional Core Diameter |
|---|---|---|---|
| 300 | 40*3.0*12 | 15+3低护齿 | 20<br>22.23<br>25.4<br>30.5<br>50<br>60 |
| 350 | 40*3.2*12 | 18+3低护齿 | |
| 400 | 40*3.6*12 | 20+4低护齿 | |
| 450 | 40*4*12 | 24+4低护齿 | |
| 500 | 40*4.2*12 | 25+5低护齿 | |
| 600 | 40*4.6*12 | 30+6低护齿 | |
| 700 | 40*4.8*12 | 36+6低护齿 | |

## 墙　锯 Wall Saw Blade

适用于各种钢筋混凝土结构例如桥梁、钢混柱体、墙体等材料的切割、修整等。

Apply to cut and recondition kinds of reinforce concrete such as bridge, pillar, wall and etc.







常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 可选齿数、齿型 | 孔径可选 Optional Core Diameter |
|---|---|---|---|
| 500 | 40*4.6*12 | 30V 型齿 | 25.4<br>30.5<br>50<br>60<br>80 |
| 600 | 40*4.6*12 | 36V 型齿 | |
| 650 | 40*4.6*12 | 38V 型齿 | |
| 700 | 40*4.6*12 | 42V 型齿 | |
| 750 | 40*4.6*12 | 44V 型齿 | |
| 800 | 40*4.6*12 | 46V 型齿 | |
| 900 | 40*4.6*12 | 50V 型齿 | |
| 1000 | 40*4.6*12 | 56V 型齿 | |
| 1050 | 40*4.6*12 | 60V 型齿 | |
| 1100 | 40*4.6*12 | 64V 型齿 | |
| 1200 | 40*4.6*12 | 70V 型齿 | |

## 墙锯刀头
## Wall Saw Segment

众志公司还可直接提供墙锯刀头，刀头规格尺寸如上表。

We can also provide the specification of wall segments as the table above.





# 2 金刚石烧结锯片
# Diamond Sintered Blade






金刚石烧结片是装配在角磨机或者云石机， 手持式使用，为电力驱动。 加工对象可为各种石材、混凝土制品、瓷砖类产品，常见加工方式是板材边角的切断、边缘带角度斜面的切割、块状制品材料的去除、不规则表面的粗略修整、制品轮廓的成型修整。依据不同的加工材料、用户具体要求等可选择不同的尺寸、齿型、配方种类来为客户推荐最合适的产品。

我公司的烧结片类产品有以下具体品种：

Diamond sintered blade is used in angle grinder or cutting machine. The machine is electric drive and hand held. Processing material including kinds of stone, concrete and ceramic. Method of processing: cutting the edge of slab, edging with bevel shape, rough finishing the irregular surface and profile. Will recommend the suitable product according to the cutting material and customers' requirements.

Here are the products we have:









# 金刚石烧结锯片
# Diamond Sintered Blade

## 粗齿涡轮片
## Wide Turbo Rim Blade

刀头部位是 整边环形，有较少的倾斜细槽。具有一定的排屑性能以及风冷散热能力，能一定程度提高干切锋利性。

使用特点： 齿型有利于提高干切锋利性；
相对细齿涡轮片有较好的使用寿命；
可用于兼有少量铣磨等方式的切割操作

The segment is continuous rim, with several bevel groove, it is characteristic of ideal chip removal and better cooling, which will enhance the sharpness under dry use.

Feature: Enhance the sharpness under dry use
Compare with narrow continuous turbo rim, it has better lifespan;
It also can be used for some grinding and milling.



常用规格 Regular Size

| 规 格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 孔径可选 Optional Core Diameter |
|---|---|---|
| 110 | T2.0*H10*N30 | |
| 115 | T2.2*H8*N40 | 20 |
| 180 | T2.4*H8*N60 | 22.23 |
| 230 | T2.8*H8*N72 | 25.4 |
| | | |

## 加强护齿涡轮片
## Wide Turbo Rim with Protecting Teeth

刀头部位是 整边环形，有较少的倾斜细槽。具有一定的排屑性能以及风冷散热能力，能一定程度提高干切锋利性，还具备一定的保护基体的能力。由于护齿内嵌入基体，增加了结合强度，提高了安全性能。

使用特点： 齿型有利于提高干切锋利性；
相对细齿涡轮片有较好的使用寿命；
可用于带有铣磨等方式的切割操作

The segment is continuous rim, with several bevel groove, it is characteristic of ideal chip removal and better cooling, which will enhance the sharpness under dry use and can protect the body. Because the protecting teeth is embeded to the body, enhances the strength and have more safety.

Feature: Enhance the sharpness under dry use
Compare with narrow continuous turbo rim, it has better lifespan;
It also can be used for some grinding and milling.



常用规格 Regular Size

| 规 格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 孔径可选 Optional Core Diameter |
|---|---|---|
| 105 | T2.4*H10 | |
| 115 | T2.4*H10 | |
| 125 | T2.4*H10 | 20 |
| 150 | T2.6*H10 | 22.23 |
| 180 | T2.8*H10 | 25.4 |
| 200 | T2.8*H10 | |
| 230 | T3*H10 | |

## 细齿涡轮片
### Narrow Continuous Turbo Rim Blade

刀头部位是 整边环形，有较多的倾斜细槽。这种齿型有良好的排屑性能以及风冷散热能力，相对普通齿型更有利于提高干切锋利性。

使用特点： 齿型对提高产品的干切锋利性有明显的辅助作用；

使用寿命相对普通齿型产品有一定降低

仅适用于规范性的直线型垂直切割

The design with narrow continuous turbo rim is good for cuttings discharge and heat dissipation and improve the sharpness for dry cutting. Specially used for regular linear & vertical cutting.



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 孔径可选 Optional Core Diameter |
|---|---|---|
| 105 | T2.4*H10*N56 | |
| 110 | T2.0*H10*N64 | |
| 115 | T2.4*H10*N60 | |
| 125 | T2.6*H10*N64 | |
| 125 | T2.6*H8*N72 | 20 |
| 130 | T2.6*H10*N64 | 22.23 |
| 150 | T2.6*H10*N75 | 25.4 |
| 180 | T2.8*H8*N96 | |
| 180 | T2.8*H10*N96 | |
| 200 | T2.8*H10*N108 | |
| 230 | T3*H10*N120 | |

## 薄型细齿涡轮片
### Super-thin Narrow Continuous Turbo Rim Blade

刀头部位是 整边环形，有较多的倾斜细槽。这种齿型有良好的排屑性能以及风冷散热能力。由于采用了超薄的基体，刀头也是超薄的，薄型刀头能够更加明显的提高锋利性及改善切割时操作工手感，并且减少了被加工材料的消耗量。

使用特点： 更好的干切锋利性以及更轻松平稳的操作感相比厚刀头，基体和刀头的强度较低，因此仅适用于干切厚度15mm以下的石材、瓷砖，并且要求必须是垂直、直线型的规范切割。

The design with narrow continuous turbo rim is good for cuttings discharge and heat dissipation. Its' super-thin body and segments highly improve sharpness and smoothness, also reduce material consumption. Specially used for regular linear & vertical dry cutting stone, porcelain tiles against cutting thickness less than15mm.



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 孔径可选 Optional Core Diameter |
|---|---|---|
| 105 | T1.2*H8*N55 | |
| 105 | T1.4*H8*N55 | 20 |
| 110 | T1.4*8*N64 | 22.23 |
| 115 | T1.4*8*N69 | 25.4 |
| 125 | T1.4*8*N72 | |





## 高中低细齿涡轮片
### Continuous Turbo Rim Blade with Step Protecting Teeth

刀头部位是 带有细槽的整边环形，并且有嵌入基体的护齿。这种齿型不仅有良好的排屑性能以及风冷散热能力，还具备一定的保护基体的能力。由于护齿内嵌入基体，增加了结合强度，提高了安全性能。

使用特点： 齿型对提高产品的干切锋利性有明显的辅助作用；

可用于带有铣磨方式的操作。

The design with narrow continuous turbo rim and protected teeth inserted into body which are good for cutting discharge and cooling also protecting body well.

Characteristics:

* Strengthen bonding force and safety performance.
* Higher sharpness for dry cutting
* Suitable for milling operation



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 孔径可选 Optional Core Diameter |
|---|---|---|
| 115 | T10*H2.2*N72 | |
| 125 | T2.4*H9*N72 | 20 |
| 150 | T2.4*H9*N81 | 22.23 |
| 180 | T2.6*H10*N96 | 25.4 |
| 230 | T10*H2.8*N144 | |

## 高低细齿涡轮分齿片
### Segmented Turbo blade with Step Protecting Teeth

刀头部位是 带有细槽的分齿形，并且有嵌入基体的护齿。具有良好的排屑性能以及风冷散热能力，还具备一定的保护基体的能力。由于护齿内嵌入基体，增加了结合强度，提高了安全性能。外形美观，引人注意。

使用特点： 齿型对提高产品的干切锋利性有明显的辅助作用；

可用于带有铣磨方式的操作。

The design with narrow continuous turbo rim and protected teeth inserted into body which are good for cutting discharge and cooling also protecting body well.

Characteristics:

* Strengthen bonding force and safety performance.
* Higher sharpness for dry cutting
* Suitable for milling operation



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 孔径可选 Optional Core Diameter |
|---|---|---|
| 180 | T2.6*H8*N15 | 20<br>22.23<br>25.4 |

## 高低T型齿涡轮分齿片
### T shape Segmented Turbo Blade with Protecting Teeth

刀头部位是 带有护齿的分齿型，分齿刀头中部倾斜细槽。具有基本的排屑性能以及风冷散热能力，还具备一定的保护基体的能力。由于护齿内嵌入基体，增加了结合强度，提高了安全性能。

使用特点： 齿型有利于提高干切锋利性；

相对细齿涡轮片有较好的使用寿命；

可用于带有铣磨等方式的切割操作

The design with protected teeth and narrow turbo at middle of segments is good for cuttings discharge and heat dissipation and protecting body well.

Characteristics:

* Higher sharpness for dry cutting
* Long lifespan and better performance
* Strengthen bonding force and safety performance
* Suitable for milling operation



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 孔径可选 Optional Core Diameter |
|---|---|---|
| 115 | T10*H2.2*N72 | 20<br>22.23<br>25.4 |
| 125 | T2.4*H9*N72 | |
| 150 | T2.4*H9*N81 | |
| 180 | T2.6*H10*N96 | |
| 230 | T10*H2.8*N144 | |







## 斜护齿涡轮分齿片
### Bevel Turbo Blade With Proecting Teeth

刀头部位是 带有大量护齿的分齿型，且分齿表面有较多倾斜细槽。具有一定的排屑性能以及风冷散热能力，还具备较好的保护基体的能力。

使用特点： 齿型有利于提高干切锋利性；

可用于带有铣磨等方式的切割操作

This products has certain function of cuttings discharge and heat dissipation also protecting body well.

Characteristics:

* Higher sharpness for dry cutting
* Suitable for milling operation.



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 孔径可选 Optional Core Diameter |
|---|---|---|
| 105 | T2.4*H8*N(3+3) | 20<br>22.23<br>25.4 |
| 115 | T2.4*H8*N(3+3) | |
| 125 | T2.4*H8*N(3+3) | |
| 150 | T2.6*H8*N(3+3) | |
| 180 | T2.8*H8*N(4+4) | |
| 230 | T3*H8*N(5+5) | |

## 斜护齿涡轮片
### Segmented Bevel Turbo Blade

刀头部位是 带有大量护齿的环型，且环形齿表面有较多倾斜细槽。具有一定的排屑性能以及风冷散热能力，还具备较好的保护基体的能力。

使用特点： 齿型有利于提高干切锋利性；

可用于带有铣磨等方式的切割操作

This products has certain function of cuttings discharge and heat dissipation also protecting body well.

Characteristics:

* Higher sharpness for dry cutting
* Suitable for milling operation.



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 孔径可选 Optional Core Diameter |
|---|---|---|
| 180 | T2.8*H8*N(4+4) | 20<br>22.23<br>25.4 |

## 烧结分齿片
### Sintered Segmented blade

刀头部位是最常用的节块型分齿片，刀头表面平整无槽。具有一定的排屑性能以及风冷散热能力。

使用特点： 齿型有利于提高干切锋利性；

The design with normal sintered segment, smooth surface without turbo has certain function of cuttings discharge and heat dissipation also highly improving sharpness of dry cutting.



常用规格 Regular Size

| 规 格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 孔径可选 Optional Core Diameter |
|---|---|---|
| 105 | L34*T1.8*H8*N8 | 20<br>22.23<br>25.4<br>30.5 |
| 110 | L28/25*T2*H10*N10 | |
| 110 | L34*T1.8*H10*N8 | |
| 114 | L36*T1.8*H12*N8 | |
| 115 | L33.5/30.5*T2*H10*N9 | |
| 125 | L37*T2*H10*N9 | |
| 150 | L33*T2.4*H8*N12 | |
| 150 | L33*T2.4*10*N12 | |
| 180 | L34*T2.4*H8*N14 | |
| 180 | L34*T2.4*H10*N14 | |
| 200 | L39*T2.6*H10*N14 | |
| 230 | L39*T2.6*H10*N16 | |
| 250 | L37*T2.6*H10*N20 | |
| 300 | L37*T3*H10*N21 | |
| 350 | L40*T3.2*H10*N24 | |

## T型齿分齿片
### T-shaped Segmented Blade

刀头部位是 带有大量护齿的节块型分齿片，刀头表面平整无槽。具有较好的保护基体能力，兼有一定的排屑性能以及风冷散热能力。

使用特点： 可用于带有铣磨等方式的切割操作；

The design with many protected teeth on segments, smooth surface without turbo has better function of cuttings discharge and heat dissipation. Suitable for milling operation.



常用规格 Regular Size

| 规 格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 孔径可选 Optional Core Diameter |
|---|---|---|
| 180 | L34*T2.6*H8*N15 | 20<br>22.23<br>25.4 |
| 180 | L34*T2.4*H8*N15 | |





## 涡轮分齿片
### Segmented Turbo Blade

刀头部位是 表面带有少量细槽的分齿节块型。具有一定的排屑性能以及风冷散热能力，能一定程度提高干切锋利性。

使用特点： 齿型有利于提高干切锋利性；
相对细齿涡轮片有较好的使用寿命；
可用于兼有一定铣磨等方式的切割操作

The design with a little turbo on sectional block segments has certain function of cuttings discharge and heat dissipation also improving sharpness of dry cutting.

Characteristics:
* Higher sharpness of dry cutting
* Long lifespan and stable performance
* Suitable for milling cutting operation



常用规格 Regular Size

| 规 格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 孔径可选 Optional Core Diameter |
|---|---|---|
| 114 | L36*T2.0*H12*N8 | 20<br>22.23<br>25.4 |
| 230 | L37*T3*H15*N16 | |

## 直槽涡轮分齿片
### Segmented Turbo Straight Groove blade

刀头部位是 表面带有大量细槽的分齿节块型。具有很好的排屑性能以及风冷散热能力，能较大幅度提高干切锋利性。

使用特点： 齿型能够大幅提高干切锋利性；
相对普通分齿片有较低的使用寿命；
不可用于铣磨等方式的切割操作

The design with much turbo on sectional block segments has good function of cuttings discharge and heat dissipation also highly improving sharpness of dry cutting.



常用规格 Regular Size

| 规 格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 孔径可选 Optional Core Diameter |
|---|---|---|
| 230 | L37*T3.1*H15*N16 | 20<br>22.23<br>25.4 |

## 烧结整边片
### Sintered Continuous Rim

刀头部位是 平面环型。具有平顺的切割面，适用于对切割断面平整度有要求的操作。
使用特点： 连续无槽的切割能够保证切割断面的平整度；
一般用于湿式切割。

The design with continuous rim and smooth cutting face, used for having requirement of smoothness.
Characteristics :
* Excellent smoothness of cutting surface
* normally used for wet cutting



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 孔径可选 Optional Core Diameter |
|---|---|---|
| 80 | T1.8*H8 | |
| 105 | T1.8*H8 | |
| 110 | T1.8*H8 | |
| 110 | T2.0*H10 | |
| 114 | T2.0*H12 | |
| 115 | T2*H10 | 20 |
| 125 | T2*H10 | 22.23 |
| 150 | T2.4*H10 | 25.4 |
| 180 | T2.6*H10 | |
| 200 | T2.6*H10 | |
| 230 | T2.8*H10 | |
| 250 | T2.6*H10 | |
| 300 | T2.8*H10 | |

## 烧结分齿开槽片
### Sintered Tuck Point Blade

刀头部位是 较厚的分齿节块型。具有一定的排屑性能以及风冷散热能力，适于石材混凝土的表面开槽。
使用特点： 具有较厚的刀头；
可用于大量铣磨等方式的浅槽切割操作

The design with sectional block segments and sinter tuck point has certain function of cuttings discharge and heat dissipation ,used for slotting the surface of stone and concrete.



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 孔径可选 Optional Core Diameter |
|---|---|---|
| 115 | L33.5/32*T6.4*H8 | 20 |
| 125 | L33*T6.4*H8 | 22.23 |
| 180 | L34.5*T6.4*H8 | 25.4 |





## T型分齿曲线片
### T-shaped Segmented Concave Blade

刀头部位是 粗齿环形型，基体向一侧凹陷成碟状。具有一定的排屑性能以及风冷散热能力，适于在板材中间挖出椭圆型孔洞。
使用特点： 成碟状结构；
可用于在板材中间挖出椭圆型孔洞。

This products for its special design with coarse segmented circle and dish -structure body, which are good for cuttings discharge and heat dissipation, suitable for drilling oval-shaped hole in middle of stone.



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 孔径可选 Optional Core Diameter |
|---|---|---|
| 115 | T3.8*H8*N8 | 20 |
| 125 | T4*H8*N8 | 22.23 |

## T型连续涡轮齿曲线片
### T-shaped Continuous Turbo Rim Concave Blade

刀头部位是 粗齿环形型，基体向一侧凹陷成碟状。具有一定的排屑性能以及风冷散热能力，适于在板材中间挖出椭圆型孔洞。
使用特点： 成碟状结构；
可用于在板材中间挖出椭圆型孔洞。

This products for its special design with coarse segmented circle and dish -structure body, which are good for cuttings discharge and heat dissipation, suitable for drilling oval-shaped hole in middle of stone.



常用规格 Regular Size

| 规　格 Specification | 刀头尺寸(长L*厚T*高H*槽数N) Segment size | 孔径可选 Optional Core Diameter |
|---|---|---|
| 125 | T2.8*H8*N40 | 20 |
| 125 | T4*H8*N52 | 22.23 |



# 3 金刚石钻头
# Diamond Core Bit








## 石材钻头
## Core Bit For Stone

用于钻削各种石材，一般用于在装饰性石材表面钻管道孔，装配有手持钻孔机和台式机，都是电动马达驱动，使用较小尺寸的金刚石钻头，未特别注明都是湿式加工。

Diamond Core Bits are used for drilling kinds of stone, usually for drilling pipe holes through decorative stone, equipped on manual drillers also bench drillers, which both are motor driven. All of products are wet processing, unless otherwise specified.





## V型齿钻头 专用于加工小直径孔
**V-shaped Core bit , specially for small-diameter hole drilling**



Specialized in processing small diameter hole

| 规 格 Specification | 刀头尺寸(D*H) Segment size | 有效长度 Effective length | 总长度 Overall length | 齿 数 Segment number | 接 头 Joint |
|---|---|---|---|---|---|
| 6 | 6*11 | 46 | 99 | 1 | ¢10 |
| 8 | 8*11 | 46 | 99 | 1 | ¢10 |
| 10 | 10*11 | 46 | 99 | 1 | ¢10 |
| 12 | 12*11 | 46 | 99 | 1 | ¢10 |
| 14 | 14*11 | 46 | 99 | 1 | ¢10 |
| 16 | 16*11 | 46 | 99 | 1 | ¢10 |

## 钎焊基体涡轮齿钻头
**Turbo Core Bit with Vacuum Brazing body**

涡轮齿能够有效提高锋利度， 基体外表面钎焊有金刚石层，保护基体防磨损。

可用于干式钻削。

Turbo segment can effectively improve the sharpness, surface of body brazed diamond layer can prevent body from wearing down. Suitable for dry drilling.




Specialized in processing small diameter hole

| 规 格 Specification | 刀头尺寸(D*H) Segment size | 有效长度 Effective length | 总长度 Overall length | 齿 数 Segment number | 接 头 Joint |
|---|---|---|---|---|---|
| 28 | 16/12*3*10 | 65 | 104 | 4 | |
| 32 | 16*3*10 | 65 | 104 | 4 | 5/8-11 |
| 35 | 16*3*10 | 65 | 104 | 4 | |
| 38 | 16*3*10 | 65 | 104 | 4 | |
| 41 | 16*3*10 | 65 | 104 | 5 | |
| 45 | 16*3*10 | 65 | 104 | 5 | M14 |
| 51 | 16*3*10 | 65 | 104 | 6 | |

## 电镀基体涡轮齿钻头
**Turbo Core Bit with Electroplated body**

涡轮齿能够有效提高锋利度， 基体外表面电镀有金刚石层，保护基体防磨损。

可用于干式钻削。

Turbo segment can effectively improve the sharpness, surface of body electroplated diamond layer can prevent body from wearing down. Suitable for dry drilling.




| 规 格 Specification | 刀头尺寸(D*H) Segment size | 有效长度 Effective length | 总长度 Overall length | 齿 数 Segment number | 接 头 Joint |
|---|---|---|---|---|---|
| 28 | 16/12*3*10 | 65 | 104 | 4 | |
| 32 | 16*3*10 | 65 | 104 | 4 | 5/8-11 |
| 35 | 16*3*10 | 65 | 104 | 4 | |
| 38 | 16*3*10 | 65 | 104 | 4 | |
| 41 | 16*3*10 | 65 | 104 | 5 | |
| 45 | 16*3*10 | 65 | 104 | 5 | M14 |
| 51 | 16*3*10 | 65 | 104 | 6 | |





## 皇冠齿钻头
**Crown Segmented Core Bit**




| 规 格 Specification | 刀头尺寸(D*H) Segment size | 有效长度 Effective length | 总长度 Overall length | 齿 数 Segment number | 接 头 Joint |
|---|---|---|---|---|---|
| 20 | 3*10 | 45 | 100 | 1 | |
| 22 | 3*10 | 65 | 100 | 1 | |
| 25 | 3*10 | 65 | 100 | 1 | |
| 28 | 3*10 | 65 | 100 | 1 | |
| 30 | 3*10 | 65 | 100 | 1 | G1/2&M14 |
| 32 | 3*10 | 65 | 100 | 1 | M14 |
| 35 | 3*10 | 65 | 100 | 1 | 5/8-11 |
| 38 | 3*10 | 65 | 100 | 1 | |
| 41 | 3*10 | 65 | 100 | 1 | |
| 45 | 3*10 | 65 | 100 | 1 | |
| 51 | 3*10 | 65 | 100 | 1 | |

## 涡轮齿钻头
**Turbo Segmented Core Bit**




| 规 格 Specification | 刀头尺寸(D*H) Segment size | 有效长度 Effective length | 总长度 Overall length | 齿 数 Segment number | 接 头 Joint |
|---|---|---|---|---|---|
| 28 | 16/12*3*10 | 45 | 100 | 4 | |
| 32 | 16*3*10 | 45 | 100 | 4 | |
| 35 | 16*3*10 | 45 | 100 | 4 | |
| 38 | 16*3*10 | 45 | 100 | 4 | |
| 41 | 16*3*10 | 45 | 100 | 5 | G1/2&M14 |
| 45 | 16*3*10 | 45 | 100 | 5 | M14 |
| 51 | 16*3*10 | 45 | 100 | 6 | 5/8-11 |
| 63 | 16*3*10 | 45 | 100 | 6 | |
| 76 | 16*3*10 | 45 | 100 | 7 | |
| 89 | 16*3*10 | 45 | 100 | 7 | |
| 102 | 16*3*10 | 45 | 100 | 8 | |



# 钢筋混凝土钻头
# Reinforce Concrete Core Bit

用于钻削各种混凝土制品，包括桥梁、高层建筑等钢筋混凝土，为湿式加工。有手持钻孔机和台架式钻孔机，常用电动马达驱动，也有液压马达驱动。 众志公司可提供各种成品钻头包括整体钻头、二分体式钻头、三分体式钻头、四分体式钻头，还可单独提供各种齿型的钻头刀头。 有以下齿型可供选择：

This products are used for wet drilling kinds of concrete products, including bridges, high-rise buildings etc. There are two types drillers, one is manual drillers the other is frame-mounted drillers, both driven by electric motor or hydraulic motor. We can provide series of drill bits: whole drill bits, two-stage drill bits, three-stage drill bits and four-stage drill bits, also separate segments of drill bits. The segments available as follow:







# 钢筋混凝土钻头
# Reinforced Concrete core Bit



浅槽皇冠齿
shallow slot crown segment



普通齿
Normal segment



尖角齿
Sharp corners segment



凹槽涡轮齿
groove turbo segment



尖角涡轮齿
Sharp corners groove turbosegment

| 可选尺寸 / 规格 SIZE | 浅槽皇冠齿 shallow slot crown segment | 普通齿 Normal segment | 尖角齿 Sharp corners segment | 凹槽涡轮齿 groove turbo segment | 尖角涡轮齿 Sharp corners groove turbosegment |
|---|---|---|---|---|---|
| 14/16/18/20/22/24/26 | 3*10 | | | | |
| 28/30/32/36 | 3*10 | 15*3*10 | | | |
| 42 | 3*10 | 16*3*10 | | | |
| 44(38-48) | | 24*3.5*10 | 24*3.5*11 | | 24*3.5*11 |
| 60 ( 52-56 ) | | 24*3.5*10 | 24*3.5*11 | 24*3.5*11 | 24*3.5*11 |
| 76 ( 68-82 ) | | 24*3.5*10 | 24*3.5*11 | 24*3.5*11 | 24*3.5*11 |
| 94 ( 89-108 ) | | 24*4*10 | 24*3.5*11 | 24*3.5*11 | 24*3.5*11 |
| 140 ( 110-150 ) | | 24*4.5*10 | 24*4*11 | 24*4*11 | 24*4*11 |
| 180 ( 160-200 ) | | 24*4.5*10 | 24*4.5*11 | 24*4.5*11 | 24*4.5*11 |
| 250 ( 212-300 ) | | 24*5*10 | 24*4.5*11 | 24*4.5*11 | 24*4.5*11 |
| 500 ( 350 及以上 ) | | 15*3*10 | 24*5*11 | 24*5*11 | 24*5*11 |

# 钢混钻头
# Reinforce Concrete Core Bit



| 规 格 Specification | 刀头尺寸(D*H) Segment size | 有效长度 Effective length | 总长度 Overall length | 齿 数 Segment number | 接 头 Joint | 可选齿数 Optional segment |
|---|---|---|---|---|---|---|
| 16 | 3x10 | 1 | 400 | 475 | | 浅槽皇冠齿 shallow slot crown segment |
| 18 | 3x10 | 1 | 400 | 475 | | |
| 20 | 3x10 | 1 | 400 | 475 | | |
| 24 | 15x3x10 | 3 | 400 | 475 | | |
| 25 | 15x3x10 | 3 | 400 | 475 | | |
| 28 | 15x3x10 | 3 | 400 | 475 | | |
| 32 | 16x3x10 | 4 | 400 | 475 | | |
| 36 | 16x3x10 | 4 | 400 | 475 | | |
| 38 | 16x3x10 | 5 | 400 | 475 | | |
| 40 | 16x3x10 | 5 | 400 | 475 | | 普通齿 Normal segment |
| 42 | 16x3x10 | 5 | 400 | 475 | | |
| 47 | 24x3.5x10 | 4 | 400 | 475 | | |
| 51 | 24x3.5x10 | 5 | 400 | 475 | | |
| 63 | 24x3.5x10 | 6 | 400 | 475 | | 尖角齿 Sharp corners segment |
| 68 | 24x3.5x10 | 6 | 400 | 475 | | |
| 78 | 24x3.5x10 | 7 | 400 | 475 | | |
| 82 | 24x3.5x10 | 7 | 400 | 475 | 1-1/4UNC | |
| 92 | 24x3.5x10 | 8 | 400 | 475 | | 凹槽涡轮齿 groove turbo segment |
| 112 | 24x4.0x10 | 9 | 400 | 475 | | |
| 122 | 24x4.0x10 | 10 | 400 | 475 | | |
| 127 | 24x4.0x10 | 11 | 400 | 475 | | |
| 132 | 24x4.0x10 | 11 | 400 | 475 | | 尖角涡轮齿 Sharp corners groove turbosegment |
| 142 | 24x4.0x10 | 12 | 400 | 475 | | |
| 152 | 24x4.5x10 | 12 | 400 | 475 | | |
| 162 | 24x4.5x10 | 12 | 400 | 475 | | |
| 172 | 24x4.5x10 | 12 | 400 | 475 | | |
| 182 | 24x4.5x10 | 13 | 400 | 475 | | |
| 202 | 24x4.5x10 | 15 | 400 | 475 | | |
| 212 | 24x4.5x10 | 16 | 400 | 475 | | |
| 225 | 24x4.5x10 | 16 | 400 | 475 | | |
| 250 | 24x4.5x10 | 16 | 400 | 475 | | |
| 300 | 24x4.5x10 | 17 | 400 | 475 | | |
| 350 | 24x5x10 | 20 | 400 | 475 | | |