

Boreway Flat Shape Smooth Cutting Diamond Segments For Granite Saw Blade

Advantage:

- 1.It has good sharpness, fast cutting speed and high cutting efficiency.
- 2.Good wear resistance, long service life and high comprehensive cost performance.
- 3.**Flat shape smooth cutting diamond segment** are fast cutting,small cutting seam, the cut stone surface is flat and even in size.
- 4.By changing single grinding into the combination of grinding and cutting, the sawing performance is optimized.

Feature:

- 1.**Flat shape smooth cutting diamond segment** adopts diamond sheet material and metal matrix (Ti + Cr + Ni + CO, etc.) to form chemical bond, which can reduce threshing, improve cutting edge and prolong service life.
- 2.A large number of products are exported to Eastern Europe, North America, South America, the Middle East, Australia and other overseas markets; the product quality has been unanimously recognized by overseas customers

Specification:

The following are normal specifications **flat shape smooth cutting diamond segment**:

Code.	Diameter (mm/Inch)	Segment Size (mm)	Segment No.
BW-DSG-01-07	500mm(22inch)	40x4.4x10/12/15/20	38

The above specifications is only for reference, other specifications may be available as per customer's demand.

Diamond segments or rims are made up of a mixture of diamonds and metal powders. Diamonds used in blades are almost exclusively manufactured diamonds in various grit size and quality grades.

In the manufacturing process, the metal powder and diamond grit mixture is hot pressed at high temperatures to form a solid metal alloy (called the bond or matrix) in which the diamond grit is retained.

The segment or rim is slightly wider than the blade core. This allows the cutting edge to penetrate through the material while protecting the steel body.

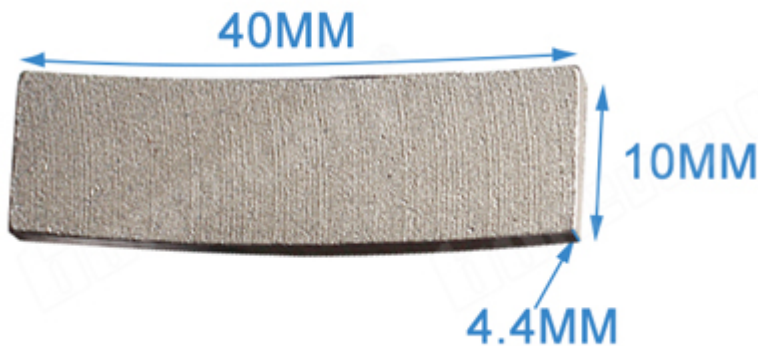
The application of bond (or Matrix)

- Typically the following rule applies :
- For hard materials : use soft bonds.
- For soft materials : use hard bonds.

Product Details:

Flat shape smooth cutting diamond segment

Normal Flat Shape



Example :

Stone is soft and abrasive therefore we would use a hard bonded blade. Reinforced concrete with river pebble aggregate is hard therefore we would use a soft bonded blade.

Hard Bond

Means that the compilation of metals when sintered together forms a segment of approximately 105 to 120 HRB (hardness) and is very resistant to the soft abrasive materials being sawn, thus releasing diamond at the appropriate rate.

Hard bonds typically consist of the following metal powders - cobalt, iron, tungsten carbide and are grey to dark grey in colour.

Soft Bond

Means that the compilation of metals when sintered together forms a segment of approximately 90 to 105 HRB (hardness) and allows the segment to wear quicker thus retaining diamond on the cutting surface.

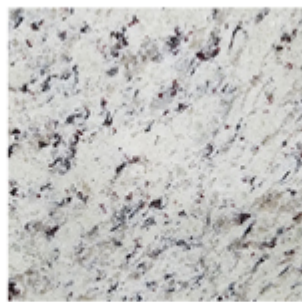
Soft bonds typically consist of the following metal powders - copper, bronze and cobalt, and are generally bronze to light silver in colour.

Applications:

Flat shape smooth cutting diamond segment with normal flat shape of circular saw blades for slab edge cutting of Granite, Sandstone, various hard stone with quartz.



Granite



Sandstone



Quartz

Applications machine:

Flat shape smooth cutting diamond segment suitable for bridge cutting machines.



Cutting Effect:

Flat shape smooth cutting diamond segment is cutting without edge collapse, high machining accuracy, straight cutting line without burr, stable feeding, fast moving, small single-layer, laminated SAW seam, no spark, no tail, no dragger



Related Products:



Boreway Machinery Co., Ltd
www.boreway.com

[Edge Cutting Segment for Sandstone](#)



Boreway Machinery Co., Ltd
www.diamondtools.top
www.boreway.net

[Block Cutting Segment for Quartz](#)

About us:







第 9135152 号



商标注册证



核定使用商品(第7类)

陶瓷工业用机器设备(包括建筑用陶瓷机械); 雕刻机; 石材切割机; 磨石(机器部件); 高压清洗机; 电焊枪(机器); 电动清洁机械和设备; 压力机; 切割工具(包括机械刀片); 抛光机器和设备(电动的)(截止)

注册人 福建省南安博威机械有限公司

注册地址 福建省南安市水头镇鸿星街

注册有效期限 自公元 2012年02月28日 至 2022年02月27日

局长签发 许瑞表





CREDIT CHECKED

by ALIBABA FINANCIAL

This supplier has been Credit Checked by Alibaba Financial:

Lei Zhang from Fujian Nanan Boreway Machinery Co., Limited

The credit check validity period: 2015-10-19 to 2016-10-18

This company has passed a financial assessment (including a credit check) conducted by Alibaba Financial. The scope of Alibaba's financial assessment of suppliers includes, but is not limited to: People's Bank of China credit archives, business data, Alibaba network behavioral data, corporate and personal balance sheets, court enforcement records.

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About Alibaba Financial

Alibaba Financial aims to serve online businesses by providing comprehensive and professional financial services. By utilizing field investigation, third-party data and online behavior data, we are able to provide credit investigations and loans to enterprises on our platforms, such as alibaba.com, taobao.com and tmall.com. We also offer insurance and E-commerce platform financial services. Alibaba Financial devotes itself to enabling online businesses by making credit available to drive wealth creation. Alibaba Financial is the first choice for online financial services.



Packing & Delivery:

1. Tools packing in carton cases;
2. When tools are in large quantities, they are packing in wooden cases.

-DELIVERY-

Less than 45kg, generally delivery by express (Door to Door).



By Air / Sea for batch goods, Airport / Port receiving.

BY AIR



BY SEA



Our service:

1. Low order quantity: It can meet the test order you need.
2. Fast delivery: We get great discounts from freight forwarders.

3. OEM Acceptable: We can produce according to your samples or drawings.
4. Good quality: We have a strict quality control system. Has a good reputation in the market.
5. Good service: We regard our customers as God with a high degree of professionalism and enthusiasm.

FAQ:

1. If we want to order your product, how do we know your quality?

You can test with a small order, and then you will know the quality. Nowadays, many people in the world use Chinese products because of their high quality and high cost performance. We are a professional diamond tool manufacturer with more than 8 years of manufacturing experience.

2. Can you provide samples for free?

We do not provide free samples. Based on years of experience, we believe that customers will want them because of their reliable quality. By purchasing samples, we will cherish and appreciate them and make them get more. We are ready to offer our potential customers a special discount on samples. It's very important that you give us feedback, and we will appreciate it.

3. Does your company accept customization?

Of course, we accept customization. Including different colors, cutting objects, etc. We can also tag your own label and company brand. If you want us to make any new products for you, just send your products to us. Whether it's drawings or samples, we have the ability to produce the same products. We will not sell these products to others, only customers can get permission.

Please note:

Please use high frequency Silver Welded machine instead of Fire to make the brazing, the welding time is only a few seconds, otherwise the diamond inside the segments will probably be damaged by the high temperature, then the cutting performance will be Reduced!

Contact us:

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