

## Boreway 24 Inch Diamond Saw Blade Segment Tips for Cutting Sandstone

# Normal Flat Shape

1. Long service life
2. Fast cutting speed
3. High cutting efficiency
4. Good wear resistance
5. Good sharpness of blade
6. High comprehensive cost performance



### 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. **24 Inch diamond saw blade 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. **24 Inch diamond saw blade 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 **24 Inch diamond saw blade segment**:

Code.	Diameter (mm/Inch)	Segment Size (mm)	Segment No.
BW-DSG-01-08	600mm(24inch)	40x4.6x10/12/15/20	42

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)

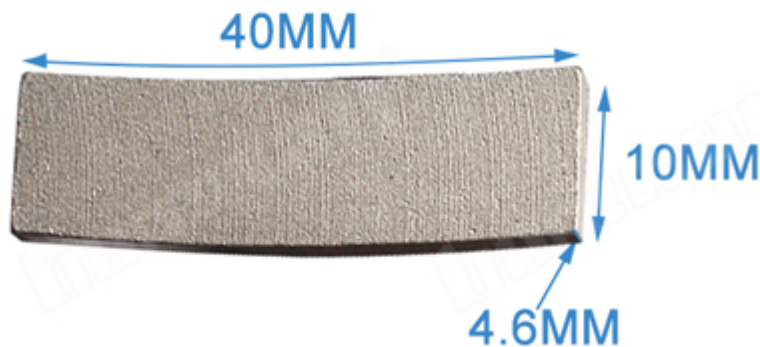
- Typically the following rule applies :
- For hard materials : use soft bonds.
- For soft materials : use hard bonds.

### Product Details:

#### 24 Inch diamond saw blade 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.

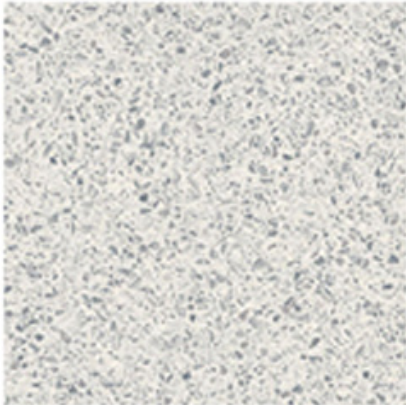
#### Soft Bond

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.

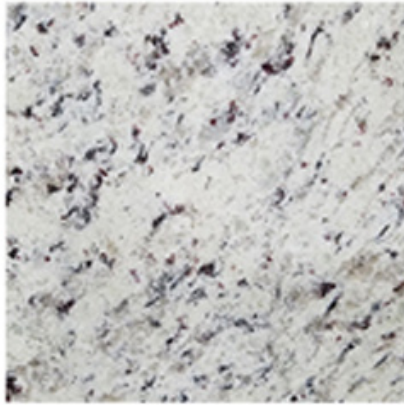
Soft bonds typically consist of the following metal powders - copper, bronze and cobalt, and are generally bronze to light silver in colour.

## Applications:

**24 Inch diamond saw blade 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:

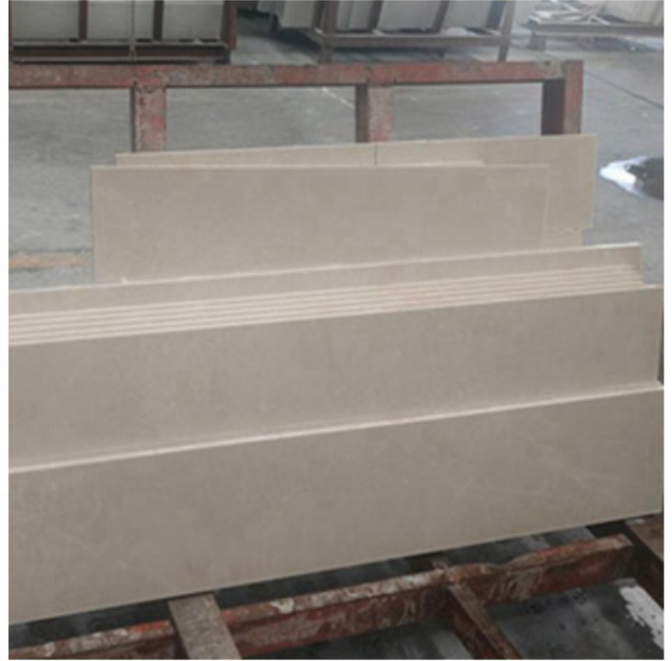
**24 Inch diamond saw blade segment** suitable for bridge cutting machines.



Cutting Effect:

**24 Inch diamond saw blade 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](http://www.boreway.com)

[Edge Cutting Segment for Sandstone](#)



Boreway Machinery Co., Ltd  
[www.diamondtools.top](http://www.diamondtools.top)  
[www.boreway.net](http://www.boreway.net)

[Block Cutting Segment for Quartz](#)

## About us:







**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:

**Fujian Nanan *boreway* Machinery Co.,Ltd.**



No.605 Huahui Center, Shuitou Town 362342 Quanzhou, Fujian, China



**TEL:** (+86)595-86990206 /



**Fax:** (+86)595-86990220



**Mobile/WhatsApp/Wechat:** (+ 86) 18650679939



**E-mail: [boreway@boreway.com](mailto:boreway@boreway.com)**



**Lyon Chang**