

# Boreway Stone Cutting Diamond Segments Tools For All Kinds Of Quartz

## Introduction:

### Marble Saw Blade Segment



**Diamond Segments Tools For All Kinds Of Quartz**, circular multi-blades cutter, Diamond gang saw, circular saw blades, Circular Turbo Blade, Dry/Wet Cutting Blade. These products are used for cutting granite, marble, asphalt, tile, concrete, fire-proof materials or for continuous polishing machine. Various specifications can be ordered by customers.

## Advantage:

1. Sharp diamond tip flat granite in diamond saw blade has good sharpness, fast cutting speed and high cutting efficiency.
2. Good wear resistance, long service life and high comprehensive cost performance.
3. **Diamond Segments Tools For All Kinds Of Quartz** 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.

## Specification:

The following are normal specifications **Diamond Segments Tools For All Kinds Of Quartz**:

Diameter		Thickness	Teeth	Segment Size			Hole	Max. RPM									
Inch	mm	mm	Pcs/set	L	W	H	mm	RPM	100	2500	9.0(10.0)	140	24	12.5	13/15	100/120	400

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

**Factory=Quality Control=Competitive Price=Own technology=OEM**

Diameter		Thickness	Teeth	Segment Size			Hole	Max. RPM	Cutting Stone
Inch	mm	mm	pcs/set	L	W	H	mm	RPM	#
10"	250	18(2.2)	18	40	3.2	8/10	50/60	3850	Marble
12"	300	1.8(2.2)	22	40	3.2	10/12	50/60	3150	Marble
14"	350	2.2(2.4)	25	40	3.2	10/12	50/60	2750	Marble
16"	400	2.6(2.8)	29	40	3.6	10/12	50/60	2400	Marble
18"	450	2.8(3.0)	32	40	4.0(4.2)	10/12	50/60	2150	Marble
20"	500	2.8(3.0)	36	40	4.0(4.2)	10/12	50/60	1900	Marble
24"	600	36(3.2)	42	40	4.6(4.8)	10/12	50/60	1600	Marble
32"	800	4.2(4.5)	57	40	5.5(6.0)	10/12	50/60	1200	Marble
36"	900	5.0(5.5)	64	40	7.5(8.0)	10/12	60/80	1050	Marble
36"	900	5.0(5.5)	64	24	7.5(8.0)	10/13	60/80	1050	Marble
40"	1000	5.0(5.5)	70	24	7.5(8.0)	10/13	80/100	950	Marble
48"	1200	5.5(6.0)	80	24	7.5(8.0)	10/13	80/100	950	Marble
56"	1400	6.0(6.5)	92	24	8.5(9.2)	10/13	80/100	700	Marble
64"	1600	6.5(7.2)	108	24	9.2(9.5)	10/13	80/100	600	Marble
72"	1800	7.2(8.0)	120 I	24	10.0	10/13	80/100	550	Marble
80"	2000	8.0(9.0)	128	24	11.0	10/13	100/120	500	Marble
86"	2200	8.0(9.0)	132	24	11.0	10/13	100/120	450	Marble
100"	2500	9.0(10.0)	140	24	12.5	13/15	100/120	400	Marble
120"	3000	9.0(10.0)	160	24	12.5	13/15	100/120	350	Marble
140"	3500	9.0(10.0)	180	24	13.0	13/15	100/120	300	Marble

PS:A certain amount of cooling water should be added when cutting the cutter head, and the spray water flow should be large, so that it has a better cooling effect!

Multi-blade and single-disc saw blade specifications:

Blade Set	Blade Diameter	Thickness	Segment Size	Cutting Stone
#	#	mm	LxWxH	#
Multi Size	2200-600 Multi	4.5	24x6.4/5.6x13H(15H)	Granite
Multi Size	2200-600 Multi	5.0	24x7.0/6.2x13H(15H)	Granite
Multi Size	2200-600 Multi	5.5	24x7.4/6.6x13H(15H)	Granite
Multi Size	2200-600 Multi	6.5	24x8.4/7.6x13H(15H)	Granite
Multi Size	2500-800 Multi	5.5	24x7.4/6.6x13H(15H)	Granite
Multi Size	2500-800 Multi	6.5	24x8.4/7.6x13H(15H)	Granite
Multi Size	2500-800 Multi	7.2	24x9.2/8.4x13H(15H)	Granite
Multi Size	1600-960 Multi	6.5	24x8.4/7.6x13H(15H)	Granite
Multi Size	1600-960 Multi	7.2	24x9.2/8.4x13H(15H)	Granite
Single Size	40"/1000mm	4.5-5.0	24x7.0/6.2x13H(15H)	Granite
Single Size	48"/1200mm	5.0-5.5	24x7.5/6.5x13H(15H)	Granite
Single Size	64"/1600mm	6.5-7.2	24x9.2/8.4x13H(15H)	Granite
Single Size	48"/1200mm	4.0	24x5.5x8H(10H)	Marble
Single Size	48"/1200mm	4.5	24x6.0x8H(10H)	Marble
Single Size	48"/1200mm	5.0	24x7.5x8H(10H)	Marble
Single Size	48"/1200mm	5.5	24x8.0x8H(10H)	Marble
Single Size	64"/1600mm	6.5-7.2	24x9.2x10H(8H)	Marble
Single Size	64"/1600mm	6.5-7.2	24x9.5x13H(10H)	Marble

# Support Sample Processing Customization

## Style and Specifications



### Contact Salesman

Due to the large number of product specifications and styles, in order to avoid conflicts, please contact the salesman before placing the order.

1

### Provide Samples

The manufacturer supports the sample processing and customization, and the buyer provides the sample first to communicate the production requirements.



2



### Mail Samples

According to the buyer's demand for proofing, the manufacturer needs the buyer to pay the proofing fee first, and the sample fee will be returned after the order is concluded.

3

### Generate Order

The buyer receives the sample. If satisfied, place an order for batch production. After confirming the receipt, contact the salesman to return the proofing cost.

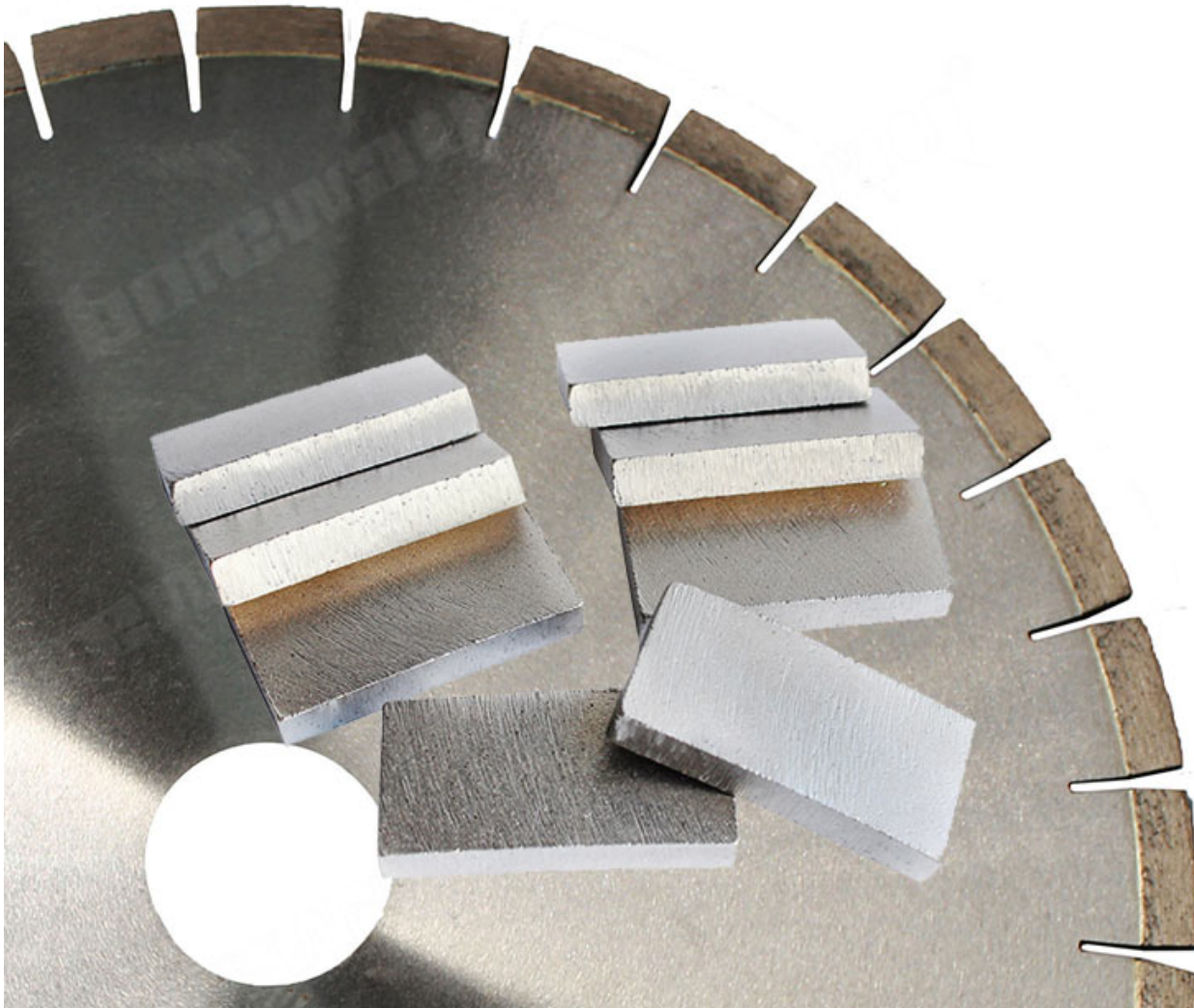


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In addition, the speed of the combined saw blade is required to be 280-320 rpm, and the trolley can not be transported too fast!

### Product Details:

**Diamond Segments Tools For All Kinds Of Quartz**



**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.

**Our factory** use original high grade diamond



pk

**Other factory** mix second diamond selected from waste segment

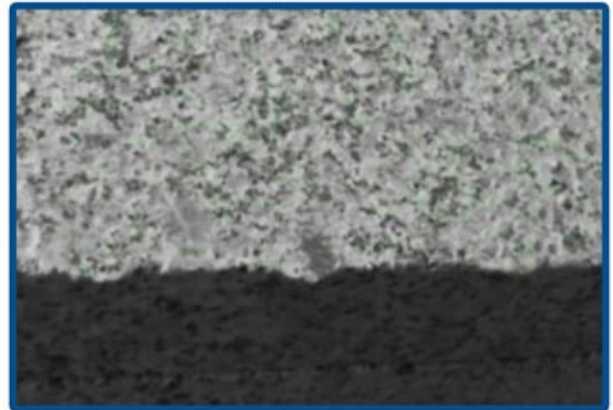


**Our blade** cutting effect



pk

**Other supplier** blade cutting effect



### **Applications:**

**Diamond Segments Tools For All Kinds Of Quartz** using in block cutting for 900-3500mm circular saw blades for block cutting  
Diamond segment cutting granite, sandstone, various hard stone with quartz.  
diamond saw blade only wet use



### Applications machine:

**Diamond Segments Tools For All Kinds Of Quartz** used for single or multi circular saw blade from 900mm to 3500mm, cutting of granite, sandstone.



1. If the material is hard, the bond of the diamond segments should be softer.  
Because diamonds will become blunt when cutting hard material. Softer bond can be worn down with the blunt diamonds faster, then make new diamonds beneath be more easily exposed to participate in cutting
2. If the material is relatively softer, the bond should be harder.  
The diamonds can last longer in this case. The harder bond wears slower, so that it can hold the diamonds also longer. This can make better use of the diamonds and prolong the

diamond tool's service life.

### Applications machine:

Welding method:

**Diamond Segments Tools For All Kinds Of Quartz** silver welding by high frequency welding machine

High frequency silver welded machine is recommended instead of welding by fire.

Don't weld diamond segment for a long time, just a few minutes, otherwise the diamond inside might be damaged because of the high temperature, which will affect the cutting performance of the granite segment greatly.



Brazing Machine Welding Rack

+



Three Phase 380V 30kW High Frequency Induction Welding Machine



Welding segment effect

### Related Products:



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

[1800mm Multi-Layer Segment](#)



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

[I Shape Diamond Blade Segments](#)

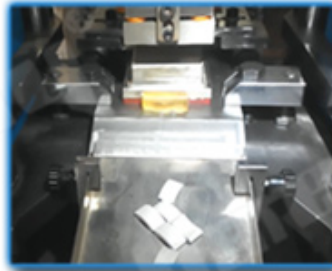


**About us:**

**Diamond Segments Tools For All Kinds Of Quartz**



● Cold Press Mschine



● Fill The Mold



● The Product Polishing



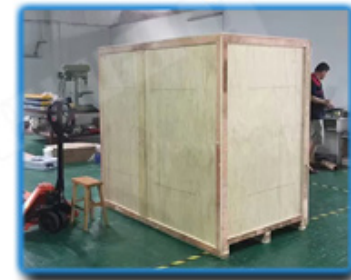
● Hot Press Machinery

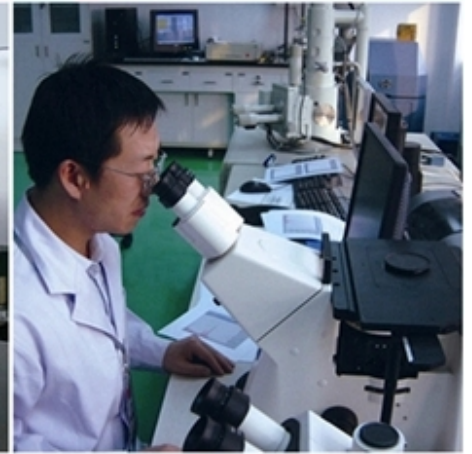


● Remove The Mold



● Packing







## Packing □ Delivery:

PS:

- 1.Tools packing in carton cases
- 2.By Air/Sea for batch goods, Airport/Port receiving
- 3.Less than 45kg, generally delivery by express(Door to Door)□
- 4.When tools are in large quantities, they are packing in wooden cases



## 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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