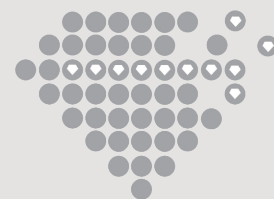


Henan Boreas New Material Co., Ltd

Since 1990

**Boreas**



# Saw Grit Diamond

## Contact Us

[sales@usboreas.com](mailto:sales@usboreas.com)



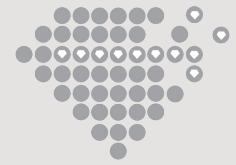
[www.usboreas.com](http://www.usboreas.com)


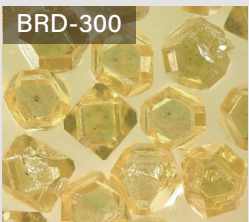
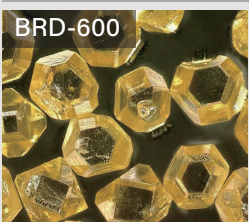


East of Chunlan Road, Wutong Street, High-Tech  
Development Zone, Zhengzhou 450000, China



# Saw Grit Diamond



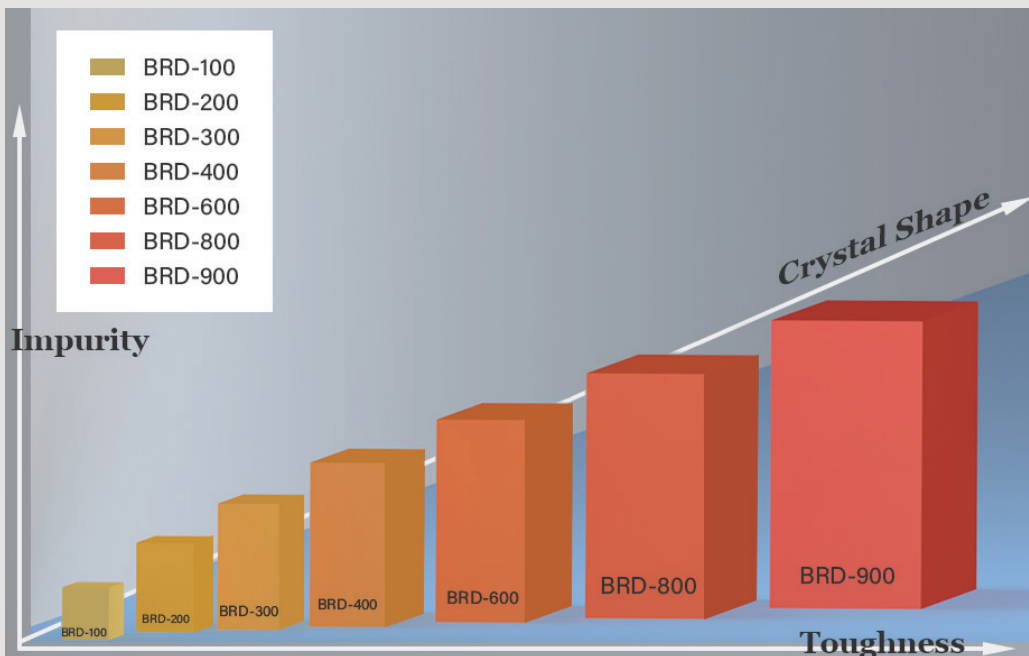
Grade	Available Size	Characteristics	Application
 <p>BRD-100</p>	20/25 - 70/80	<ul style="list-style-type: none"> <li>· Poor crystal shape</li> <li>· Irregular</li> <li>· Low in strength</li> </ul>	<ul style="list-style-type: none"> <li>· Mainly used to make resin tools.</li> </ul>
 <p>BRD-200</p>	20/25 - 70/80	<ul style="list-style-type: none"> <li>· Irregular crystal shape</li> <li>· Low strength</li> <li>· Belonging to low grade diamond</li> </ul>	<ul style="list-style-type: none"> <li>· Suitable for low load grinding such as grinding tools and wheels.</li> </ul>
 <p>BRD-300</p>	20/25 - 70/80	<ul style="list-style-type: none"> <li>· Comparatively regular crystal shape</li> <li>· Medium grade</li> <li>· With a higher proportion of complete crystalline</li> </ul>	<ul style="list-style-type: none"> <li>· Suitable for grinding tools, free cutting tools and grinding wheels.</li> </ul>
 <p>BRD-400</p>	20/25 - 70/80	<ul style="list-style-type: none"> <li>· Comparatively regular crystal shape</li> <li>· High mechanic strength</li> <li>· Medium grade</li> <li>· Containing more regular crystal</li> <li>· High thermal stability and toughness</li> </ul>	<ul style="list-style-type: none"> <li>· Suitable for grinding and free-cutting tools, grinding wheels which work with medium load.</li> </ul>
 <p>BRD-600</p>	20/25 - 70/80	<ul style="list-style-type: none"> <li>· Complete crystal shape</li> <li>· Good diaphaneity</li> <li>· Low impurity</li> <li>· High strength</li> </ul>	<ul style="list-style-type: none"> <li>· Suitable for making circular saws, frame-saw and geological broaches.</li> </ul>
 <p>BRD-800</p>	20/25 - 70/80	<ul style="list-style-type: none"> <li>· Complete crystal shape</li> <li>· Perfect cube-octahedron shape</li> <li>· Good diaphaneity and transparency</li> <li>· High impact strength and thermal stability</li> </ul>	<ul style="list-style-type: none"> <li>· Suitable for high grade cutting, drilling and grinding tools. Ex: reinforced concrete, very hard granite, etc.</li> </ul>
 <p>BRD-900</p>	20/25 - 70/80	<ul style="list-style-type: none"> <li>· Excellent Cube-octahedron shape</li> <li>· Good color and transparency</li> <li>· Very high impact resistance</li> <li>· Perfect strength and thermal stability</li> </ul>	<ul style="list-style-type: none"> <li>· Applied to make tools for cutting all kinds of hard stone and concrete, also suitable for making geological drills.</li> </ul>

# Available Grain Size

Grade \ Grain Size	BRD-100	BRD-200	BRD-300	BRD-400	BRD-600	BRD-800	BRD-900
20/25	○	○	○	○	○	○	○
25/30	○	○	○	○	○	○	○
30/40	○	○	○	○	○	○	○
30/35	○	○	○	○	○	○	○
35/40	○	○	○	○	○	○	○
40/50	○	○	○	○	○	○	○
40/45	○	○	○	○	○	○	○
45/50	○	○	○	○	○	○	○
50/60	○	○	○	○	○	○	○
60/70	○	○	○	○	○	○	○
70/80	○	○	○	○	○	○	○

Remark: Other grain sizes can be customized according to customer's different requirements.

○ = Available



## Saw Grit Diamond

Completely regular crystal shapes with highest purity and strength, excellent thermal stability and compact resistance. It is suitable for high power and very high impact sawing and drilling applications.

## Packing

Custom packing accept  
Bottle or plastic bag packaging

## Units

1 gram = 5 Carat (ct)  
Micrometer (μm, Micron)  
1 micrometer = 0.001 millimeter

\* Customized size are available upon request