cBN Abrasives

BN™ has a **hardness that is close to diamonds**, is **corrosion resistant**, and because it does not react chemically to iron, is used mainly in the **grinding/polishing of steel**. BN™ is available in **different types for different applications**.
<table>
<thead>
<tr>
<th>Abrasive Type</th>
<th>Features</th>
<th>Suitable Wheels</th>
<th>Applications</th>
</tr>
</thead>
</table>
| Sample A     | ✓ High Crystalized  
               ✓ Sharp Edged Dark Brown Grain | ✓ Vitrified Bonded Wheel  
               *with Low Grinding Power | ✓ Cylindrical Grinding  
               Gear Boxes, Camshafts  
               ✓ Surface Grinding  
               Sealing rings |
| BN-B3        | ✓ High Crystalized  
               ✓ High Toughness Black Grain | ✓ Resin Bonded Wheel | ✓ Wet/Dry Grinding |
| BN-B         | ✓ Semi-Blocky  
               ✓ Sharp Edged Black Grain | ✓ Vitrified Bonded Wheel  
               ✓ Metal Bonded Wheel  
               ✓ Electroplated Wheel | ✓ Cylindrical Grinding  
               Camshafts, Crankshafts |
| BN-V         | ✓ High Crystalized  
               ✓ Sharp Edged Dark Brown Grain | ✓ Vitrified Bonded Wheel  
               *with Low Grinding Power  
               and Long Wheel Life | ✓ Cylindrical Grinding  
               Gear Boxes, Camshafts  
               ✓ Surface Grinding  
               Sealing rings |
| BN-M         | ✓ High Crystalized  
               ✓ Sharp Edged Brown Grain | ✓ Metal Bonded Wheel  
               ✓ Electroplated Wheel | ✓ Automotive Engine Parts  
               and Drive System  
               Components |
| BN-T         | ✓ High Crystalized  
               ✓ Blocky Shaped Yellow Grain  
               ✓ Tough Abrasive | ✓ Vitrified Bonded Wheel  
               ✓ Metal Bonded Wheel  
               ✓ Electroplated Wheel | ✓ Raw Material of PcBN  
               (cBN Compact) |
| BN-F         | ✓ Micron Powder  
               ✓ Friable Black Grain  
               ✓ High Truing  
               ✓ Excellent Dressing | ✓ Vitrified Bonded Wheel | ✓ Superfinishing  
               Bearing, Engine Cylinder  
               ✓ Raw material of PcBN  
               (cBN Compact) |
| BN-KN        | ✓ BN-B with Spiky Metal Coating  
               ✓ Enhanced Abrasive Retention | ✓ Resin Bonded Wheel | ✓ Wet/Dry Grinding |
| BN-B3N       | ✓ BN-B3 with Spiky Metal Coating | ✓ Vitrified Bonded Wheel  
               ✓ Electroplated Wheel | ✓ Cylindrical Grinding  
               Camshafts, Crankshafts, Gears,  
               Valves, Drive Shafts, CV Joints |

**cBN Abrasives**