

Diamond Innovations® is the leading global supplier of manufactured superabrasives products required for optimal material removal in the grinding industry. Our manufactured product offering includes superior grades of Borazon® CBN and industrial diamond.

Borazon® CBN VBR _ for vitrified grinding wheels

typical applications

Automotive

cam shaft grinding
crank shaft grinding

Aerospace

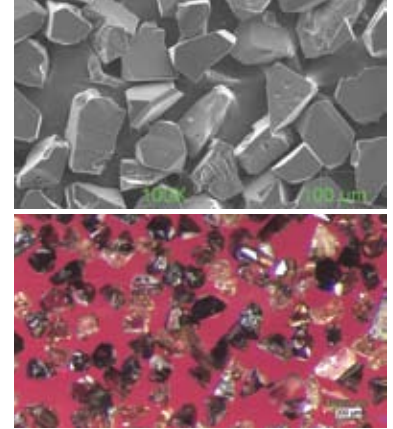
turbine blade grinding
vane grinding
shroud grinding

General Industry

bearing ID grinding

Other critical applications

Diamond Innovations offers a vast selection of premium products to answer the diversification of grinding demands in the industry today. Borazon CBN VBR is a high toughness crystal with negligible temperature-related drop used in vitrified grinding wheels. This crystal offers superior grinding capability with its angular shape, sharp edges and smooth facets.



Application Requirements

Crystal-bond compatibility in vitrified bond systems
High crystal toughness
Low grinding power
Long wheel life

Size Availability

60/80 80/100 100/120 120/140 140/170 170/200
200/230 230/270 270/325 325/400

Grinding Ratio Testing Results

