

### ceramic bond grinding wheel for PCD tools



The following is about ceramic bond grinding wheel for PCD tools, ceramic bond grinding wheel for PCBN tool related, I hope to help you better understand ceramic bond grinding wheel for PCD tools, ceramic bond grinding wheel for PCBN tool. Welcome new and old customers to continue to cooperate with us to create a better future together!

Wholesale ceramic bond grinding wheel for PCD tools Made in China

ceramic bond grinding wheel for PCD tools, ceramic bond grinding wheel for PCBN tool



## Long Wheel Life—Vitrified Bond Diamond Grinding Wheels for PCD, PCBN, Monocrystal Diamond, Natural Diamond and CVD Cutting Tools

*Applicable Materials: Polycrystalline Diamond (PCD), Polycrystalline CBN (PCBN), Monocrystal Diamond, Natural Diamond, CVD Diamond*

*Having the most complete product line in the wheel industry, we can supply wheels with various sizes and mesh/micron sizes for each application of cutting tools and saw blades made with polycrystalline diamond (PCD), polycrystalline CBN (PCBN), monocrystal diamond, natural diamond and CVD diamond such as surface, form, OD grinding from rough, finish to superfinish grinding. The goals of good free cutting ability, long wheel life and minimized chipping can be achieved simultaneously. The cutting ability is much better than resin and metal bond wheels, as a result, efficiency is greatly improved and higher accuracy and better edge quality are obtained.*

### Features

*Three objectives achieved simultaneously*

- 1. Good surface finish, minimized chipping on edge*
- 2. Excellent cutting ability, self-sharpening, greatly shorten grinding cycle time*
- 3. Long wheel life, less dressing*

### Applications

- Turning tools, inserts, bites, end-mill, reamers*

- Wood working: PCD router bit, cutter
- Electronics and optics industries: mono-crystal and natural diamond tools
- Printed circuit boards: V-cutter, edge beveling cutter
- PCD Band saw and circular saw blades
- PCBN tools for engine valve seat chamfering

## Grit Range & Size Range

Grit Range 150 ~ 5000

Shape: 1A1

D	T	X	H
125 150 175	6 10	3 5	31.75

Shape: 14A1

D	U	X	H
125 150 175 200	0.9 1.5	3	31.75
	2.0 2.3 2.5 2.8 3.0 3.5	3 5	31.75

Shape: 6A2, 11A2, 12A2

D	W	X	H
75	3 5 8	5 6 10	31.75 (PCD50.8 4H-ø6.5 )
100	3 5 6 7 8	5 6 10	40 (PCD60 4H-ø7.0 )
125	3 5 6 7 8 10	5 6 10	
150	3 5 6 7 8 10 12 15 20	5 6 7 10	