

# Metal | Resin Bond Wheels

Metal Bond Wheel



**Application**

Flat & Safety Glass Edge Grinding and Drilling, Optical Lens Grinding, Crystal Grinding, Tungsten Carbide, Cermet, Cast Alloy, Ferrite, Quartz Grinding, Engine Parts Honing.

## Edge Grinding Wheel

**Application**

SHINHAN designs Diamond Wheels for fine processing of Safety Glass, LCD Glass and Wafer for the Semiconductor Industry.

**Feature / Benefit**

Excellent Form-holding capability, Good Abrasion & Heat Resistance, Long Tool Life, Excellent for Glass Drilling & Edge Grinding.

Resin Bond Wheel



**Application**

Grinding for Carbide Tool, CRT Panel & Funnel, Glass-Finishing and Ceramic Finishing.

**Feature / Benefit**

Good Free-Cutting, Good Abrasion Resistance, Availability in a broad range of Applications in both Dry and Wet Condition, Improved Heat Resistance. (Polymide Series)

Excellent grinding performance and form holding ability in tool grinding, specially for fluting process. (XTG Series)

# Roller Dresser | Vitrified Bond Wheels

Resin Dresser



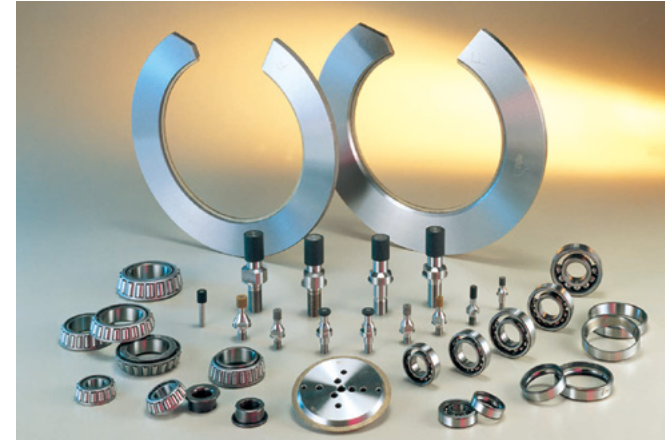
**Application**

Form, Condition and Tolerances for Automotive Parts, Bearings, Aerospace Parts, Saw & Tap Grinding, Turbine blades.

**Feature / Benefit**

Designed for mass production of parts with cost effectiveness & long life time. Suitable for profiled products.

Vitrified Bond Wheel



**Application**

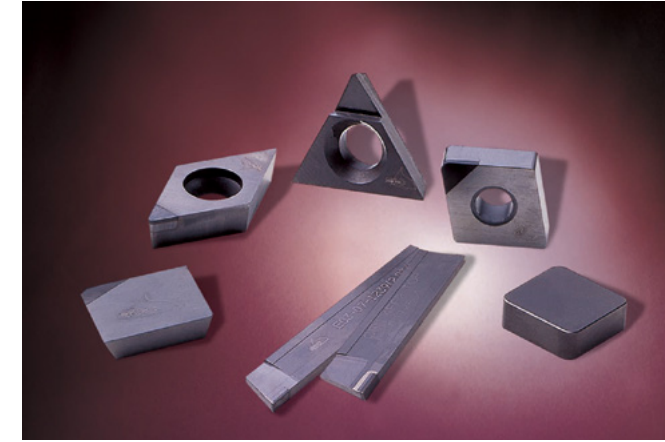
Grinding for Cam shaft, Crank shaft, CV Joint, Internal injection Nozzle, PCD & PCBN, Bearing, Gear, Ceramic and Cermet.

**Feature / Benefit**

Very Good Abrasion Resistance, Good Form-holding, Easy Truing and Dressing, Least Resistance to Damage, Chemical Stability, Controllable Stock Removal Rate and Surface Finish Characteristics, Heat Resistance.

# PCD / PCBN Bite & Insert | Dresser | Electroplated Wheel

PCD / PCBN Bite & Insert



**Application**

Turning, Planing, Drilling, Reaming, Milling, Grooving, Cutting.

- PCD : Non-Ferrous, Non-Metallic Parts
- PCBN : Ferrous Metal

**Feature / Benefit**

Long Tool Life, High Material Removal Rate, Efficient Cutting for Hard and Tough Materials, Uniform Surface Finish, Cost Saving.

Electroplated Wheel & File



**Application**

Cutting Non-Ferrous Metal, Hardened Steel, FRP, Ceramic, Grinding Ferrite, Brake Pad Grinding.

**Feature / Benefit**

Complex Forms Easily Manufactured, Good Form Holding Capability, Maximum Abrasive Particle Exposure, Highest Stock Removal Capability.

## Dresser

**Application**

Dressing and Truing of the grinding wheel used for Automotive Parts, Bearing, Aerospace Parts, Turbine blade, etc.

**Feature / Benefit**

Constant Tool Performance, Cost Effectiveness, Fast Dressing. (Multi Type)

Flat Glass Grinding & Drilling



Honning Stone



Optical Lens Grinding Wheel



Edge Grinding Wheel



Tool Grinding Wheel



Automotive Glass Grinding Wheel



R.D. (Sintered Type)



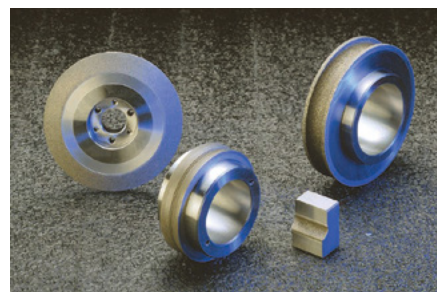
Roller Dresser



Vitrified Bond Wheel for C.V. Joint & Bearing



R.D. (Reverse-plated Type)



Diamond Roller Dresser



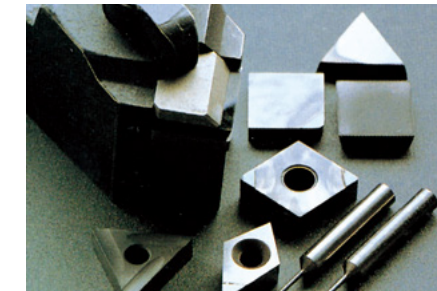
Vitrified Bond Wheel for Cam Shaft



PCD Cutter for PCB Cutting



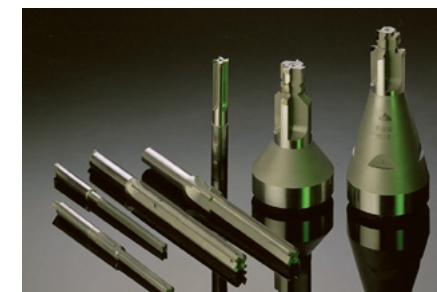
PCD Bite



Diamond Dresser



PCD Reamer



Dresser & Contact Gauge



Multi Point Dresser

