



Good to Great

GTG DIAMOND Co., Ltd.

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Company Introduction

GTG Diamond Co., Ltd. has been supplying Diamond & CBN Grinding Wheels to various industrial fields for many years.

As a company with a great deal of experience across industries, we are confident that we can be of enormous assistance to your company.

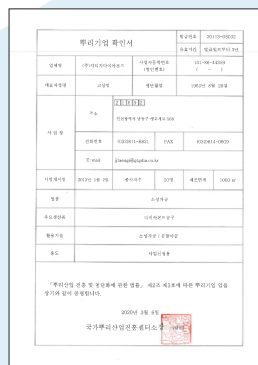
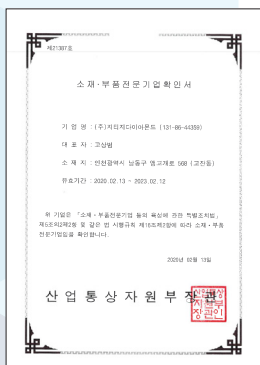
GTG Diamond Co., Ltd. is establishing an automated processing system for stable quality and supplies the best products to customers through a differentiated bond system.

History

- 2013.** Established GTG Diamond Co., Ltd.
Developed HYBRID BOND
- 2014.** Developed a double-disc for bearing width grinding
Developed insert outer circumference grinding, floor grinding wheel
Developed insert grinding bond for cermet
- 2015.** Expanded and moved headquarter plant
Established company-affiliated research center (568 Aengoggae-ro)
Acquired ISO 14001 quality certification
Acquired ISO 9001 quality certification
- 2016.** Registered as venture company
Developed SOFT METAL
- 2017.** Korea-EU, Korea-China FTA certification
Developed display grinding wheel
- 2018.** Developed industrial metal single layer profile wheel
Developed SIC grinding SOFT METAL
- 2019.** Korea-Vietnam, Korea-ASEAN FTA certification
- 2020.** Registered as company specializing in materials and parts
Registered as a root company

Awards and Patents

- 2014.** Patent application for the diamond drum cutter design
- 2015.** Acquired ISO 14001 quality certification
Acquired ISO 9001 quality certification



Main Products



Resin Bond

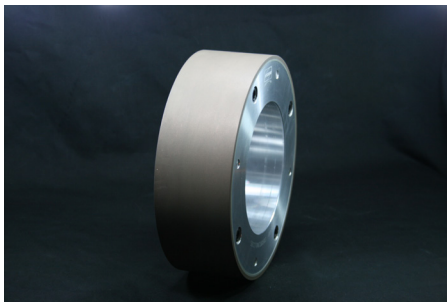
It is a product manufactured using phenolic resin and has good processing accuracy considering grinding performance, surface roughness, and chipping.

Product Features

- It has the largest application range.
- It can be used for both wet and dry grinding.
- It has excellent free-cutting properties.

Application Range

- Cemented carbide, cermet, ceramic
- Cast iron, high speed steel, heat treated steel



Centerless Wheels



Polyimide Bond Wheels



Double-disc Wheels

Metal Bond

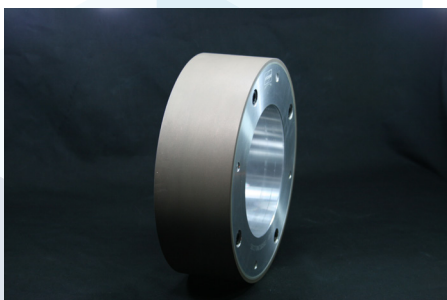
This product is manufactured using metal powders such as copper, tin, and cobalt, and features excellent abrasion resistance.

Product Feature

- Excellent abrasion resistance, heat resistance
- Very good shape retention ability
- Long life

Application Range

- Ferrite, ceramic, glass
- Fabrication where shape matters



Centerless Wheels



Edge Wheels



Glasses Wheels

Vitrifide Bond

It is a product that used a glassy bonding agent and can control the chip emission performance by changing the pores and tissues.

Product Feature

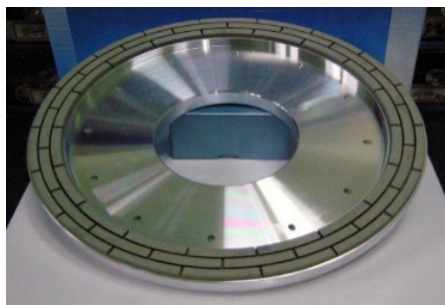
- Excellent abrasion resistance
- Easy truing and dressing as a designated tool
- Excellent shape retention ability

Application Range

- PCD, PCBN
- Sapphire, auto parts



PCD, PCBN Grinding wheel



Sapphire wafer Back Grinding wheel



ID Grinding Tools

Hybrid Bond

It is a product that combines the advantages of resin and metal, and has superior material removal rates and lifespans compared to conventional resin wheels.

Product Feature

- Long shape-retention ability
- High material removal rate
- Fast flute grinding
- Easy dressing
- Low grinding power

