Solutions Matched to Bearing Grinding

For Internal Grinding

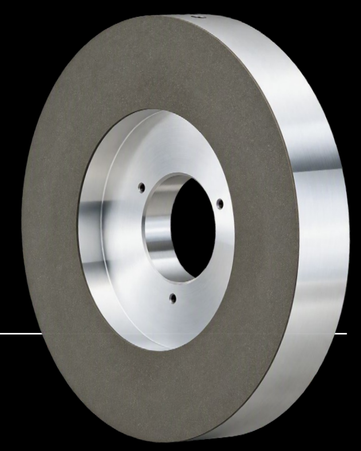
Vitrified CBN Wheel



Reference Exhibit **TRUEBORE**

For Double-Disc Surface Grinding

Resin CBN Wheel



Revomate

Challenges	**Would like to reduce tool costs?**	**Would like to stabilize machining quality?**
Solutions	**Reduce Truing Frequency and Tool Costs**	**Stabilize Dimensions and Grinding Load during Continuous Production**

CORE TECHNOLOGY

Technical features	Improved Abrasive Grain Distribution / High-Strength Bond	Improved Abrasive Grain Distribution / Newly Developed Bond
Effects in grinding	Improved Profile Retention / Reduced Abrasive Grain Shedding / Reduced Changes in the Wheel Surface	Improved Cutting Ability / Reduced Uneven Wear / More Uniform Grinding Load

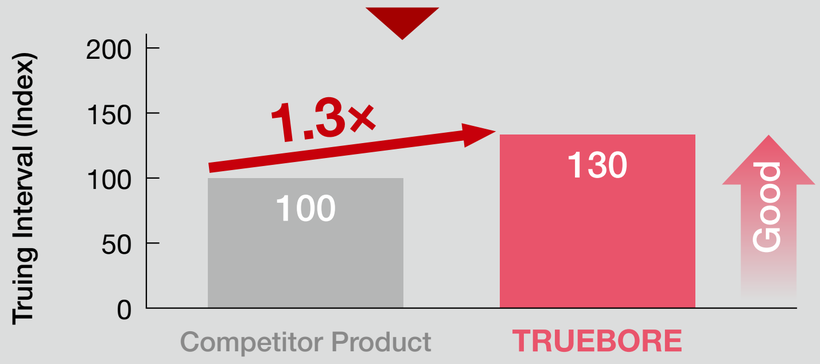
Performance data

Customer Case Study 1

Extended Truing Interval

Workpiece	Bearing Inner Diameter (Hardened Steel)
Machine	Internal Grinding Machine

Approximately 10% Reduction in Profile Error at the End of the Current Interval (Compared with the Competitor Product)



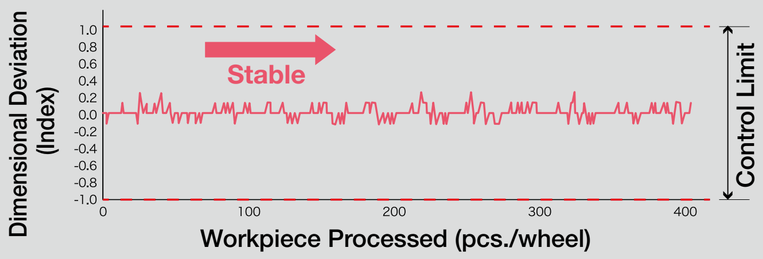
Improved Profile Accuracy Extends the Truing Interval by 1.3×

Customer Case Study 2

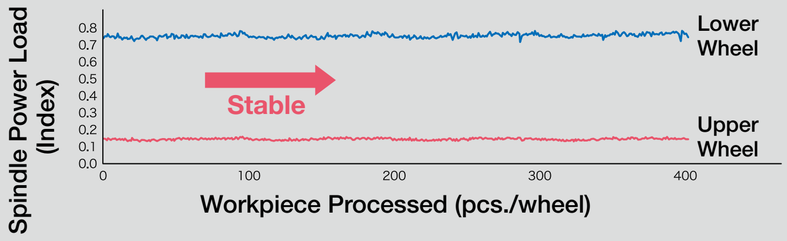
Stable Machining Quality

Workpiece	Bearing End Face (Hardened Steel)
Machine	Double-Disc Surface Grinding Machine

Workpiece Dimensions



Upper and Lower Wheel Loads



JTEKT GRINDING TOOLS CORPORATION