Solutions Matched to Cylindrical Grinding

Vitrified CBN Wheel

NEW



SAKURA Air

Challenges	Would like to reduce tool costs?	Would like to shorten machining time?
Solutions	Reduce truing frequency and tool costs	Shorten machining time while maintaining accuracy

CORE TECHNOLOGY

Technical features

AirFlow Structure (Multi-Pore Structure / High-Strength Bond)

Effects in grinding

Reduced Heat Generation / Reduced Abrasive Grain Shedding / Reduced Changes in the Wheel Surface

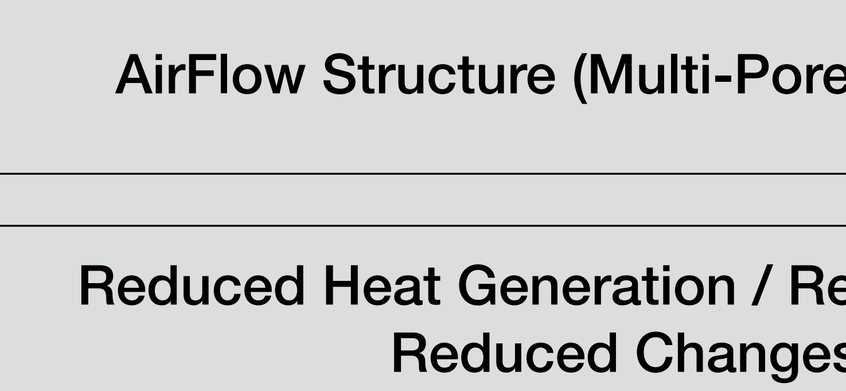
Performance data

Customer Case Study 1

Extended Truing Interval

Workpiece	Camshaft (Hardened Steel)
Machine	Camshaft Grinding Machine

50% Reduction in Profile Error Immediately after Truing (Compared with the Competitor Product)



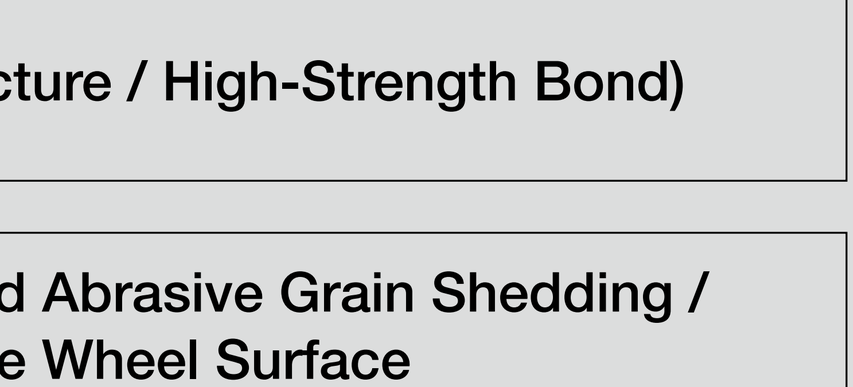
Improved Profile Accuracy Extends the Truing Interval by 1.6×

Customer Case Study 2

Shorter Cycle Time

Workpiece	Balance Shaft (Cast Iron)
Machine	Cylindrical Grinding Machine

No Loss of Accuracy at the End of the Interval Even with a 10% Higher Infeed Rate



Higher Infeed Rate Shortens Cycle Time by 14 Seconds per Workpiece

JTEKT GRINDING TOOLS CORPORATION