

DIAMETAL
ABRASIVES



CAM- & CRANKSHAFT GRINDING

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INDUSTRY:

Precision Grinding, Powertrain, Automotive

MACHINE &

MACHINED MATERIALS:

Junker, Landis, EMAG

Hardened steels, alloy steels, cast iron and suitable powdered-metal ferrous components

DESCRIPTION:

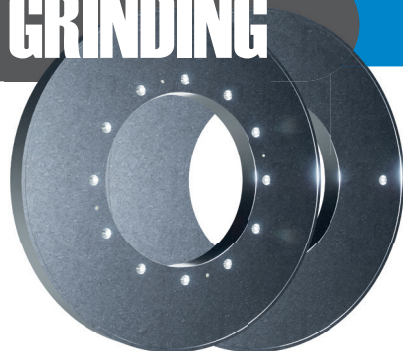
Vitrified CBN wheels are designed for the precision grinding of camshafts and crankshafts in demanding production environments. The combination of CBN abrasives and a vitrified bond system enables controlled grinding behavior, maintaining profile accuracy while allowing efficient material removal under stable process conditions.

This ensures consistent dimensional accuracy and surface integrity, even in high-volume and automated manufacturing.

FEATURES &

BENEFITS:

- ▶ High form retention for precise profile generation
- ▶ Lower grinding power and improved heat management
- ▶ Reduced thermal influence on the component
- ▶ Improved process control, productivity and cost efficiency
- ▶ Suitable for high-speed and high-efficiency grinding operations
- ▶ Supports long-term process stability in demanding automotive applications



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