



TECHNICAL SOLUTIONS FOR GEAR GRINDING

Reshaping
your
world.



NEW PLATFORM FOR GEAR GRINDING

Increasingly stringent industry requirements for gears are resulting in tighter tolerances, higher profile accuracy and improved surface finish. The choice of abrasive is key in the production of high quality gears. Norton offers high performance grinding wheels engineered to deliver a complete technical solution for worm and dual worm grinding, profile grinding and bevel grinding.

THE XTRIMIUM COLLECTION

WORM GRINDING

An engineered micro-structured ceramic grain provides excellent free cutting action and durability to maximize performance and quality.

- Perfect homogeneity throughout wheel thickness
- Increased form holding
- Friction free

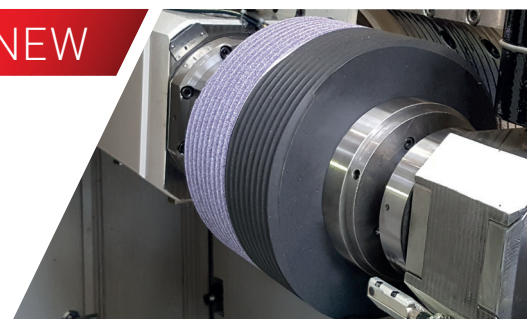


DUAL WORM GRINDING

NEW

The dual wheel combines a vitrified section to grind, and a fine grit section to polish the gear teeth.

- High surface quality providing $R_z=1,0\mu\text{m}$ $R_{pk}=0,05\mu\text{m}$
- Wheels can be adapted to existing machines



PROFILE GRINDING

High porosity and permeability in this ceramic based wheel offering the fastest metal removal rate on the market.

- Unrivalled DIN quality
- Fast material removal



BEVEL GRINDING

Our highly porous Xtrimium bevel formulation is the 'must have' wheel, no other wheel for bevel grinding compares.

- Burn free cutting
- Extremely fast grinding
- Reduces part rejection, overall lowering the cost per unit



Please contact Norton's grinding specialists for further information on:
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