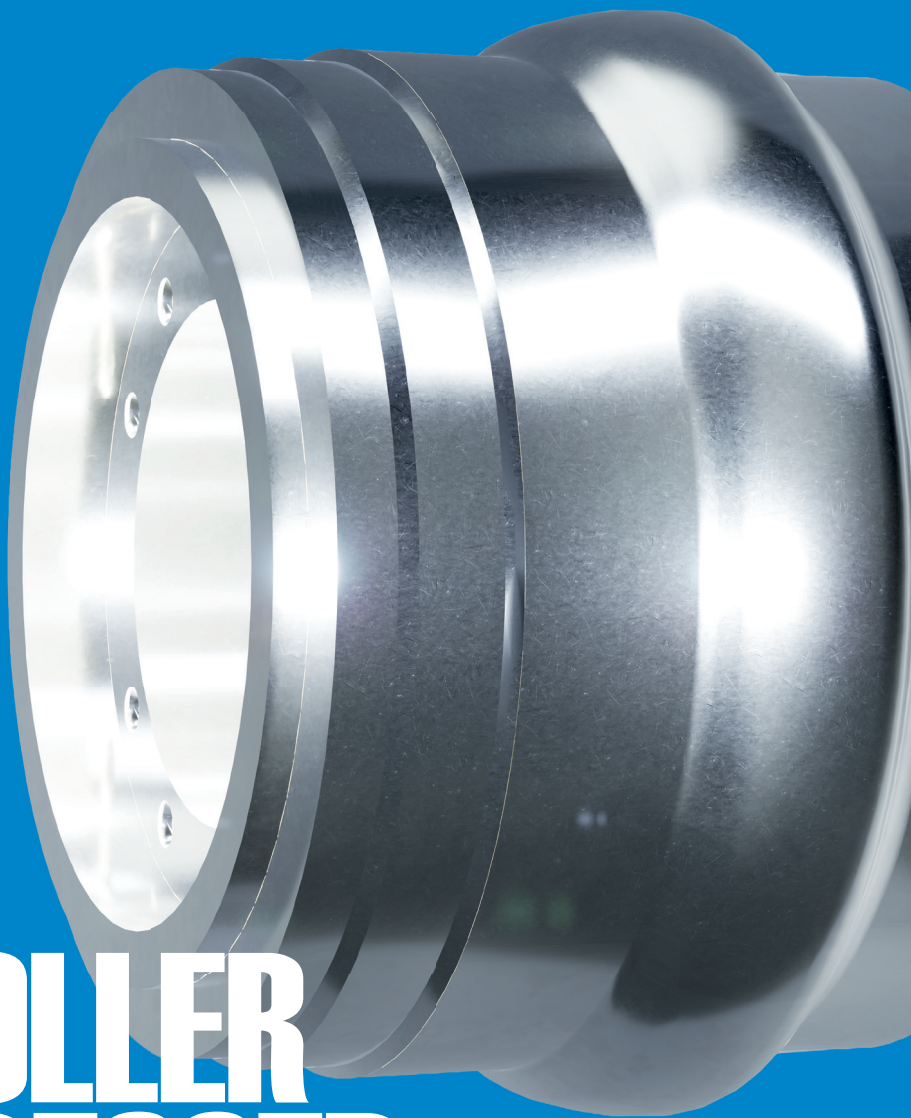


DIAMETAL
ABRASIVES



**ROLLER
DRESSER**

ROLLER DRESSER

INDUSTRY:

Precision Grinding, Automotive, Aerospace, Machine, Mechanics

MACHINED MATERIALS:

Grinding wheels based on aluminum oxide and silicon carbide

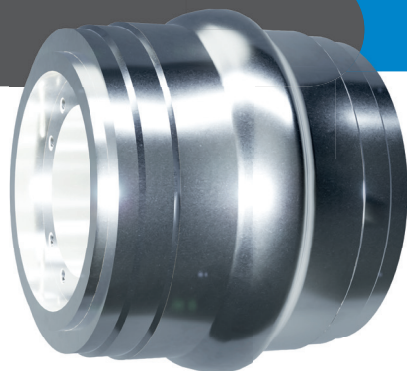
DESCRIPTION:

Roller dressers are used to restore the geometry and cutting ability of grinding wheels. During the dressing process, the wheel profile is regenerated while the wheel surface is conditioned by removing worn abrasive grains, excess bond material and loading.

This results in a defined and open wheel topography, enabling controlled grinding behavior and stable process conditions.

FEATURES & BENEFITS:

- ▶ High profile accuracy for consistent wheel conditioning
- ▶ Reliable generation of defined wheel topography
- ▶ Improved grinding efficiency through a sharp and open wheel face
- ▶ Reduced thermal stress on the workpiece during grinding
- ▶ Stable and repeatable dressing performance for demanding production environments
- ▶ Custom-manufactured for the required dressing task
- ▶ Suitable for demanding and complex configurations
- ▶ Available in different configurations depending on customer application
- ▶ Can incorporate CVD diamond, natural diamond or combined concepts to optimize performance and roll life



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