



OTHER INDUSTRIES

DIVERSITY WITHOUT BORDERS

Grinding tools are used in almost all areas of industry.

A wide variety of industries benefit from ATLANTIC grinding tools. Whether in the tool industry, medical technology or the aerospace industry – ATLANTIC supplies individual products that meet the highest requirements.



„WE FACE **EVERY CHALLENGE.**“

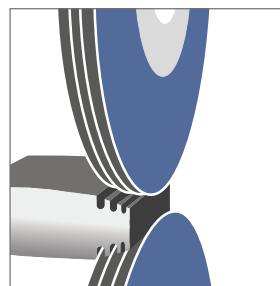


TURBINE CONSTRUCTION

Both in turbine construction for the aviation industry and for power generators, extremely high-alloy, heat-sensitive materials have to be ground. The extremely highly porous, vitrified bonded grinding wheels from ATLANTIC meet the material requirements. They grind extremely cool and maintain dimension and profile within very small tolerance bands.

Customer benefits

- High infeed rates
- High feed rates
- High productivity
- Small dressing increments
- Long wheel life
- No thermal damage



SURFACE GRINDING,
PROFILE SURFACE
GRINDING CREEP-FEED



GRINDING OF CANNULAS

A specially developed generation of fine-grit silicon carbide grinding wheels enables the sharp, burr-free processing of needles and cannulae, which later guarantees correct medical application on the patient.



TOOL GRINDING

The economic efficiency of modern cutting tools results from their particularly sharp cutting capabilities in combination with an extremely long service life. The sharpness is determined by the cutting-edge geometry and the service life by the use of particularly wear-resistant, high-alloy tool steels. Both aspects can be optimally influenced by the use of ATLANTIC's particularly cool-grinding and, depending on requirements, extremely fine-grit grinding wheels.

MACHINING OF MEDICAL IMPLANTS

ATLANTIC has decades of experience in working with vitrified-bonded, fine-grit silicon carbide. These honing cups are used for machining medical implants made of high-alloy steels or ceramics and guarantee maximum functionality.

Customer benefits

- Burr-free needles
- Extremely long tool life
- Tailor-made solutions
- Perfect surface finish and geometry

Customer benefits

- Grinding wheels for grinding the face and/or the edge of circular knives
- Grinding wheels for sharpening all possible knife shapes in the food industry
- Grinding wheels for the manufacture of cutting tools for use in agriculture
- Grinding wheels for sharpening saw blades
- Use of particularly cool grinding, self-sharpening bonding systems
- Use of extremely fine-grit silicon carbide grinding wheels for particularly sharp and burr-free cutting edge geometries



PRECISION DOWN TO THE SMALLEST DETAIL

