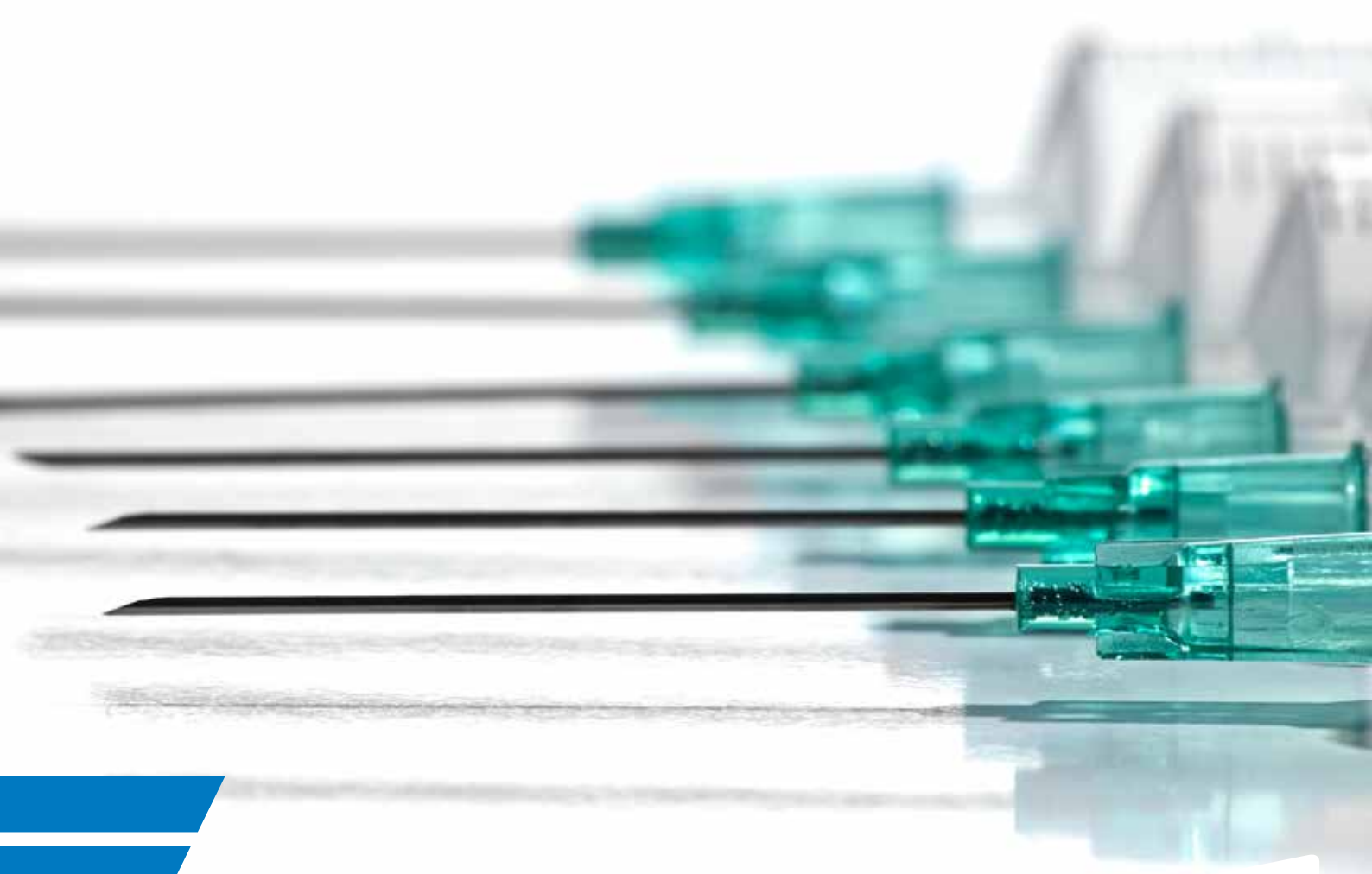




Transforming
surfaces
...and beyond

ABRASIVE SOLUTIONS FOR

HYPODERMIC NEEDLE GRINDING



HIGH-PERFORMANCE ABRASIVE SOLUTIONS FOR HYPODERMIC NEEDLES

Hypodermic needles play an essential role in healthcare and, like all medical devices that penetrate the skin, are subject to strictly controlled standards. This includes the external surface finish of the needle. The surface should be smooth and defects-free, and the tube should be straight with uniform roundness.

Norton Abrasives offers various tools for cutting, grinding and polishing hypodermic needles.

Developed in collaboration with medical professionals, our high-performance abrasives provide a homogeneous and flawless surface finish, precise beveling angles and dimensional tolerances while improving overall process productivity.



APPLICATION

REQUIREMENTS

SAINT-GOBAIN ABRASIVES SOLUTIONS

CUTTING

Fast and precise cut
Very long wheel life and high metal removal rate

NON-REINFORCED CUT-OFF WHEELS

- Designed for use on fixed base machines, where the work is securely clamped, the wheel is adequately guarded and operating on a controlled cutting plane
- Suitable for use in dry or wet conditions, depending on the bond type



CENTERLESS AND PROFILE GRINDING

Burr-free pointing
Extra fine smooth surface finish

SILICON CARBIDE ORGANIC & PLASTIC BOND GRINDING WHEELS

- High-precision grinding of hypodermic needles, blood lancets, infusion sets and cannulas
- Excellent grinding wheel consistency for perfect beveling and/or slotting operations
- Cool grinding, burn&burr free operation thanks to the extreme self-sharpening of the wheel
- Various combinations of grits and grades available for different products, dimensions and materials



POLISHING

Perfect gloss
Easy-to-use and durable belts

NON-ABRASIVE POLISHING BELTS

- Light cleaning applications – non-abrasive
- Tough and resilient, resist snagging or tearing and will not shred
- Can be used wet or dry
- Will not rust, oxidize or cause metal contamination



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Sustainable European Abrasive Manufacturers