

# CLEANING VANADIUM STEEL INSTRUMENTS

## Vanadium Steel Cutting Bur - Heavy Cutting .018



O85-O38

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### CLEANING | DISINFECTION INSTRUCTIONS

#### A. Pre-treatment:

- > Important: Newly delivered unsterile instruments must be prepared accordingly before first use.
- > Abrasive impurities need to be removed from the products directly after use - within two (2) hours maximum. To do so, use running water or a disinfectant solution that **Does Not** contain aldehydes. The solution effectiveness should be established, suitable, and compatible for the products.

#### B. Cleaning:

- > Place the disassembled products in a cleaning bath for the prescribed contact time and appropriate concentration. Please note the material compatibility, and be sure the products **Do Not** touch each other.
- > Remove the products from the cleaning bath and rinse at least 3 times thoroughly with water. Check the products.

#### C. Disinfecting:

- > Place the products in a disinfecting bath for the prescribed contact time and appropriate concentration. Please note the material compatibility, and be sure the products **Do Not** touch each other.
- > Take the products out of the disinfecting bath and rinse them thoroughly with water at least 3 times.
- > Dry the products by blowing them dry using filtered pressurized air. Only use filtered air for drying, and water that is either sterile or low in germs and endotoxins.

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### CHECKING | PACKAGING

#### A. Review the products:

- > Check the products for corrosion, damaged surfaces, bare patches, broken or chipped-off edges, deformations, and impurities. Eliminate damaged products. **Note:** Products that are still contaminated must be cleaned and disinfected once more.
- > Important! Spray the dry products with a suitable rust-preventing spray. Arrange the cleaned and disinfected products in the dedicated bur blocks or sterilization tray. Wrap the products and bur blocks, or sterilization trays using disposable sterilization packaging, double packaging and/or sterilization containers.

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### STERILIZATION

#### A. Steam:

- > For steam sterilization, use a fractional vacuum process or a gravitation process.
- > Maximum Sterilization temperature: 134°C (273°F). Sterilize at least 20 minutes at 121°C (250°F) and/or at least 5 minutes 134°C (273°F).

#### B. Storage:

- > The products need to be stored in sterilization wrapping in a dry and dust-free place.