

MANUAL CLEANING

of INSTRUMENTS MADE OF TOOL-STEEL from Hager & Meisinger GmbH

Important Information:

- Newly delivered unsterile instruments must be prepared accordingly before first use

1 Pre-treatment

- Abrasive impurities need to be removed from the products directly after use (within two hours maximum). To do so, use running water or a disinfectant solution (must not contain aldehydes, its effectiveness should be established, suitable and compatible for the products)



within
2 hours max.



2 Cleaning / Disinfection

- Place the disassembled products in the cleaning bath for the prescribed contact time and concentration (also note the material compatibility), take care that the products do not touch each other
- Take the products out of the cleaning bath and rinse at least 3 times thoroughly with water
- Check the products
- Place the products in the disinfecting bath for the prescribed contact time and concentration (also note the material compatibility), take care that 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 pressurised air



Take care that the
products do not
touch each other!

Use only filtered air for drying and water that is either sterile or low in germs and endotoxins.

3 Checking / Maintenance / Packaging

- Check the products for corrosion, damaged surfaces / bare patches, broken / chipped-off edges, deformations and impurities and eliminate damaged products
Products that are still contaminated need to be cleaned and disinfected once more
- **IMPORTANT!** Spray the dry products with a suitable rust-preventing spray (e.g. MEISINGER RS-Spray 2820)
- Arrange the cleaned and disinfected products in the dedicated bur block / sterilisation tray. Wrap the products and / or the bur blocks / sterilisation trays using disposable sterilisation packaging (disposable or double packaging) and / or sterilisation containers



Check the
products



4 Sterilisation

- Steam sterilisation: use of a fractional vacuum process or a gravitation process
- Maximum sterilisation temperature 134°C (273°F)
- At least 20 min at 121°C (250°F) and / or at least 5 min (or 18 min at prion deactivation) at 132°C (270°F) / 134°C (273°F)



Sterilisation!



Sterilisation!

5 Storage

- The products need to be stored in sterilisation wrapping in a dry and dust-free place
- Please note the shelf-life resulting from the validation of the sterilisation wrapping



ATTENTION

Instruments made of tool steel are not suitable for mechanical cleaning/disinfection.

It concerns a comprising representation of our detailed reprocessing tips. You can find this on our internet page or in our catalogue which we will gladly send to you on inquiry.