

# Universal Torque Ratchet - Instructions for Use

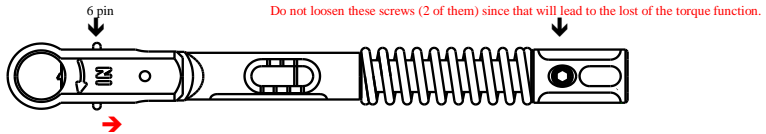
## Ratchet without ratchet wheel No. 1000205 – 10-35 Ncm + No. 1000203 – 10-45 Ncm

### 1. Field of application:

- Torque ratchet for the screwing in and loosening screws with a defined torque function in the dental field. When in a locked position it is possible to transfer major torques, which are needed for example to screw in implants or to loosen screwed joints.
- The torque ratchet is to be used only by dentally trained persons.

### 2. Settings:

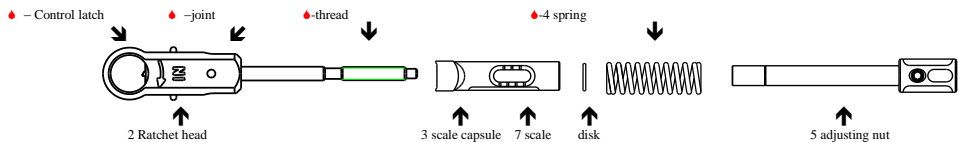
- **Prosthetic Torque function:** the desired torque function can be adjusted continuously with the adjusting nut (5) via the spring (4). The setting is readable on the scale (7) of the scale capsule (3).
- **Surgery – locked function:** Turn adjusting nut (5) to the graduation  $\infty$ . **Do not screw in too tightly! To be stored in a relaxed position!**



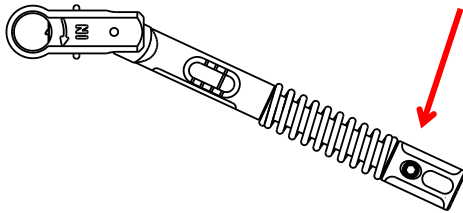
**3. Changing the tools:** Draw back pin (6) in the direction of the arrow on both sides with thumb and index finger and then take out or insert tool respectively. After the change let the pin (6) snap back.

### 4. Care of the Torque Ratchet:

- After use, take the ratchet to pieces – this does not require any tools.
- Preclean the individual pieces with a soft brush under running water. Avoid the drying of remains of blood and other adhesions.
- Lay the precleaned pieces in disinfection and cleansing fluid for rotating dental instruments. **Please follow the manufacturing instructions of the cleansing agent!**
- Dry the individual parts.
- ♦ – Marked areas should be slightly moistened with special care-oil for angles.
- Assemble **ratchet** together and **store in a relaxed position. (Setting about 10 Ncm)**. The labelling IN in the ratchet head (2) and scale (7) are in the same level after assembling.
- **Do not use damaged ratchets.** Send back to your dealer/manufacturer for repair or examination.
- Sterilize in the autoclave before surgical use.
- We recommend an annual calibration of the ratchet.



### 5. Correct Operation Release:



- Torque may be released at the head of the adjusting nut (5) exclusively. See arrow.
- When reaching the adjusted torque the scale capsule (3) folds around the axis in the ratchet head (2). The release is audible and perceptible.
- **Stop pressing when the torque is released – ratchet could be damaged.**
- When loosening the adjusting nut the ratchet returns into starting position.