

INSTRUCTIONS FOR THE USE OF TOOLS

1. Product description and planned use:

The series of tools available can be divided into four main groups:

➤ Carriers

Devices of different shapes and sizes for holding implant screws in position for either manual insertion or using a ratchet or handpiece.

➤ Screwdrivers

Devices of different shapes and sizes for tightening implant screws. They may be used either manually or with a ratchet or handpiece.

➤ Ratchets

Mechanical devices whose mechanism, when fitted to a screwdriver or holder, tightens a screw or implant in only one direction.

➤ Other

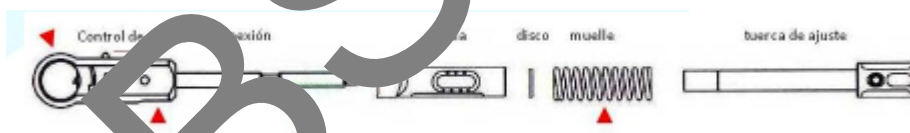
This section includes various devices considered tools but which cannot be included in the previous groups.

2. Directions for use

The purpose of the tool is to hold, position, screw, or remove implants or other prosthetic components in a laboratory or in clinical practice.

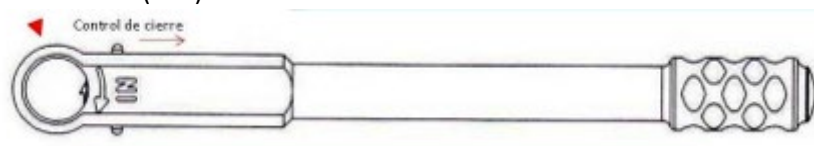
Ratchets: bear in mind:

- Torque ratchet (LDR)



- ✓ Adjust the wrench using the closure control as indicated in the diagram.
- ✓ Adjust the torque strength using the adjustment knob.
- ✓ Read the adjustment level on the scale.
- ✓ For uncontrolled torque, turn the adjustment knob to the ∞ position.
- ✓ When the ratchet reaches the set torque the handle disengages from the head. Applying more force at this point could damage the ratchet.
- ✓ Always store the ratchet adjusted to the minimum.

- Fixed ratchet (LCC)



3. Contraindications

Allergy or hypersensitivity to the chemical components of the materials used.

4. Side effects and interactions

Follow the instructions for use recommended by the manufacturer. Incorrect use of the product may cause injury to the patient.

5. Cleaning, disinfection and sterilisation

In the event of any packaging defect, the product should not be used and the manufacturer notified immediately.

All BIONER tools are supplied clean and suitably packed. They require sterilisation by the healthcare professional before use in the mouth.

Bioner SA always recommends performing previous cleaning of all tools with products commonly used in dentistry, with emphasis on ultrasound baths or automatic cleaning and disinfection methods before proceeding with sterilisation (if required).

Remove the product from its original packaging and place it in a suitable container before sterilisation.

Sterilisation should be performed in sterilisation bags or boxes in a wet steam autoclave at 121°C for 15 minutes or 134°C for at least 3 minutes, as per UNE-EN ISO 17665-1:2007.

Do not use the product after sterilisation if there is any detectable deterioration of the container.

Ratchets: give special attention to cleaning and maintenance:

Always clean after use with a soft bristle brush using abundant water to eliminate any remains of blood or other residue. The ratchet may then be immersed in dental instrument cleaner solution. Dry the tool after cleaning. Disassemble torque wrenches/ratchets before cleaning.

▼ The areas marked in the drawings should be lubricated with special oil for dental tools.

6. Warning

Tools may be reused after cleaning, disinfection and sterilisation.

Ratchets: Do not clean ratchets with metal brushes.

7. Precautions

Check compatibility with the part they are to be connected to.

8. Compatibility










BIONER tool family references must be used in conjunction with compatible components. Carefully examine the components available in the company product catalogue for suitability before use.

9. Validity

These instructions for use correspond to the current version of the tool family references indicated at the foot of the document.

10. Storage

BIONER products do not require any special storage conditions even though it is recommended not to expose them to conditions that could affect the product, its packaging or label, such as extreme temperature and humidity, knocks, etc.

ISO 15223 Symbol BLISTER/TUBE/BAG	Description
	Indicates the direction for opening the blister pack
	BIONER SA logo type
REF	Catalogue reference
LOT AOFAAXXXXX	Batch code
 DD/MM/YY	Date of Manufacture
	Refer to the instructions for use
	Do not use if package is damaged
Family	Name of the product family
M... or Stainless Steel or Al or ...	General indication of the material used
=1	Indicates the number contained in each blister
	Non-sterile
	QR code (reference and batch)
	Consult warnings and precautions in instructions for use
	Manufacturer
CE	EC Marking

Manufacturer details:

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IFU-HER v01/2019-EN

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