

# IMPLANT EXTRACTION SYSTEM



**btm**®

Human  
Technology



# Human Technology

## IMPLANT EXTRACTION SYSTEM

### KIT KEXIM



THE ONLY SYSTEM on the market that guarantees atraumatic extraction of internal and external connection implants.

**KEXIM** consist of 5 extractors and the necessary additional material.

**KEXIM2** consist of one drill and two extractors, specially designed for the extraction of implants with a very deep connection

THE FIRST SYSTEM ON THE MARKET PATENTED BY BTI FOR SAFE EXTRACTION

### Extractor kit

For the extraction of osseointegrated implants when they are no longer functional or are unnecessary in a new prosthetic situation.

### Trephine drill kit

An atraumatic trephine drill kit for an ultrafine cut to release the area with maximum osseointegration, preserving the surrounding bone, only drilling the first 3 millimetres.

## EXTRACTOR KIT KEXIM PARTS

COUNTER-TORQUE WRENCH,  
200 NCM.



Wrench with large torque that breaks the joint between the bone and impact, making the extraction process easier. When torque over 200 Ncm is applied, the wrench forms an angle and prevents progress. Back to the original position using a cylindrical component in the kit.



EXTENDERS

Set of counter-torque wrench extenders (long, short, extra-long) for different clinical situations.



MDPT

Handle to carry the extractor once the extender has been fitted.



EXTRACTORS\*

Five parts with varying widths and lengths to adapt to the range of implants on the market.

If necessary due to the depth of the connection, they can be cut to size using a diamond disc cutter.

They are disposable to ensure maximum performance.

*\* Never exceed 70 Ncm with the narrowest one (EXIME - N° 0).  
In this case, replace LLT200 with LLMQ.*

## EXTRACTOR KIT KEXIM 2 PARTS

DRILL DRL-E

Drill designed to prepare the bottom of the connection making sometimes easier the fitting in the most hardy areas



EXTRACTORS EXIML-A AND EXIML-B

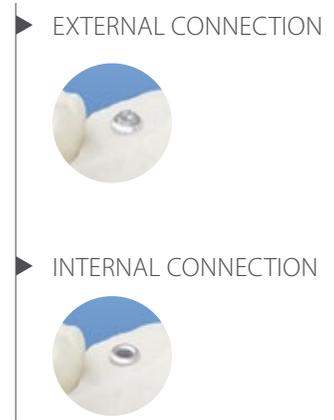
Two new references with a greater active surface for interna conical and very deep connections, increasing their mechanical resistance

*NOTE: This kit is available for those users that worked previously with KEXIM*

# AN EASY AND PRECISE PROCEDURE

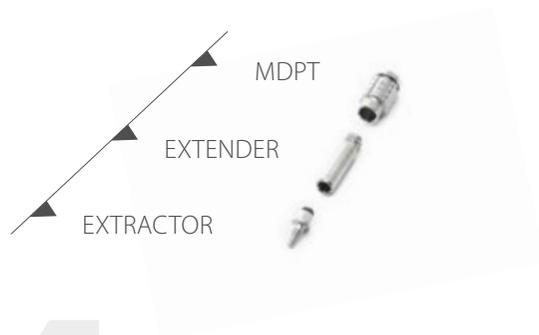
# 1

**1. Choose the appropriate** implant extractor. Choose the right extractor for the shape of the internal and external implant connections.



# 2

**2. Manually insert the extractor in the implant thread,** using the handle-adapter, ensuring it fits in an anti-clockwise direction.



# 3

**3. Connect the counter-torque wrench** and turn it anti-clockwise.



# 4

**4. Apply torque gently in an anti-clockwise direction** until the implant is fully extracted.



If the torque of the counter-torque wrench (200 Ncm.) is not sufficient for the extraction, Re-set it and re-attempt a maximum of three times, maintaining the torque for a few seconds before releasing. If the implant can still not be extracted, drill around it using a trephine drill to a depth of just 2-3mm and repeat the wrench implant extraction process.

## TREPHINE DRILLS

### BTI SOLUTION FOR ATRAUMATIC EXTRACTION



#### TREPHINE DRILLING TO THE MILLIMETRE

Trephine drilling to just 2-3 mm. reduces maximum torque to less than half, to break the implant-bone connection with guaranteed extraction success.

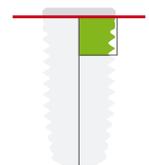


Cylindrical and hollow drills to cut the bone surrounding the implant. They are delivered in different diameters, depending on the width of the implants:

- FTEX37-8:  $\varnothing$  Internal 3.7 mm.
- FTEX43-8:  $\varnothing$  Internal 4.3 mm.
- FTEX47-8:  $\varnothing$  Internal 4.7 mm.
- FTEX51-8:  $\varnothing$  Internal 5.1 mm.
- FTEX57-8:  $\varnothing$  Internal 5.7 mm.

### ADVANTAGES:

They allow an ultrafine cut along **the first millimetres** because they are narrower at that level, preserving the surrounding bone. This is particularly important in the case of resorbed maxilla.





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**NOTE: consult your distributor for the availability of the product in the different markets.**



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