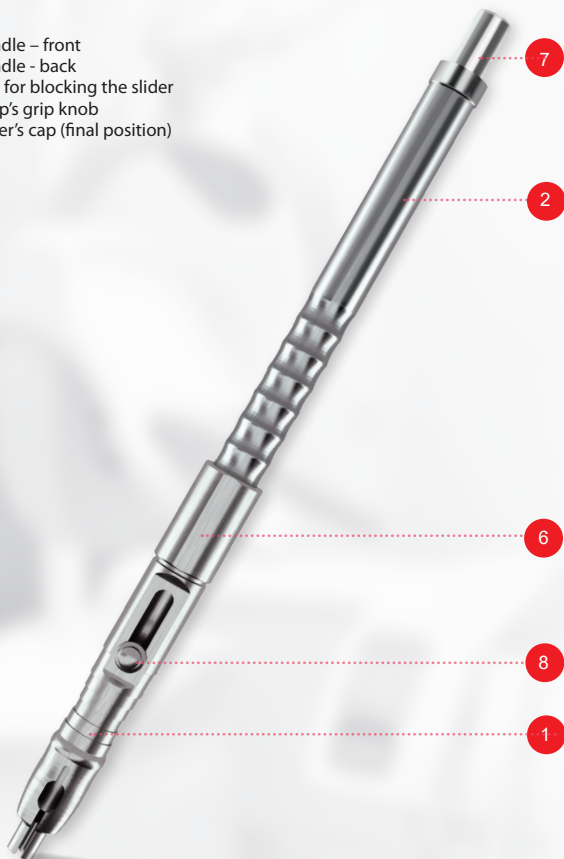


Pic. 1 **Outer construction of BTR PEN**

1. Handle – front
2. Handle - back
6. Cap for blocking the slider
7. Loop's grip knob
8. Slider's cap (final position)



## BROKEN TOOL REMOVER PEN

Dental tool for removing broken canal instruments.

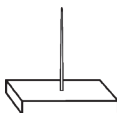
**BEFORE USE PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY**  
**PRODUCT FOR DENTAL USE ONLY**  
**NON-STERILE PRODUCT**

The stainless steel tool is intended for a reusable use,  
but the BTR TIP is for single use.  
The tool is made of corrosive – resistant stainless steel.

### BTR PEN with the equipment:



BTR PEN - 1 pcs  
stainless steel tool



BTR CALIBRATOR - 1 pcs



BTR TIP - 5 pcs



BTR SPRING - 2 pcs  
soft and hard  
(third middle spring fixed on the device)



Silicone BTR O-RING - 3 pcs

Pic. 2 **Construction of the BTR PEN** - parts

1 Handle – front



2 Handle - back



3 O-ring



4 Main pin



5 Spring



6 Cap for blocking the slider



7 Loop's grip knob



8 Slider's cap



## Disassembling BTR PEN

1.



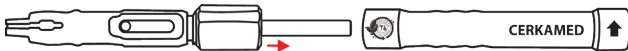
Unscrew the cap from the slider (8) from the front of the handle (1).

2.



From the back of the handle (2) unscrew the loop's grip knob (7).

3.



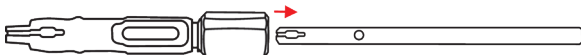
From the front of the handle (1) unscrew the back of the handle (2).

4.



Remove the spring (5) from the back of the handle (2).

5.



Remove the main pin (4) from the front of the handle (1).

6.



Unscrew the cap for blocking the slider (6) from the front of the handle (1).

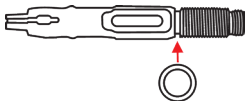
7.



Remove the o-ring (3) from the front of the handle (1).

## Assembling BTR PEN

1.



On the front of the handle (1) put the o-ring (3) in a designed place.

2.



Screw the front of the handle (1) with a cap for blocking the slider (6) (bigger diameter facing the o-ring).

3.



To the front of the handle (1) insert the main pin (4).

4.



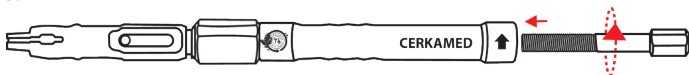
To the back of the handle (2) insert the spring (5).

5.



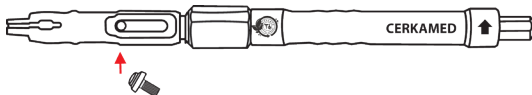
Screw the front and the back of the handle together.

6.



To the back of the handle (2) screw the loop's grip knob (7).

7.

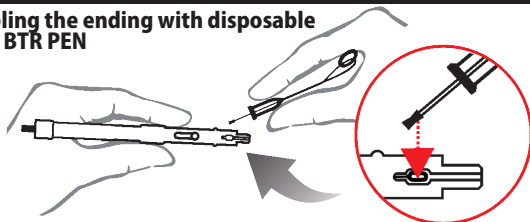


Screw the slider's cap (8) into the hole in the main pin (4) visible in the front of the handle (1).

*Video of the instructions for use is available on the website: **btr-pen.com***

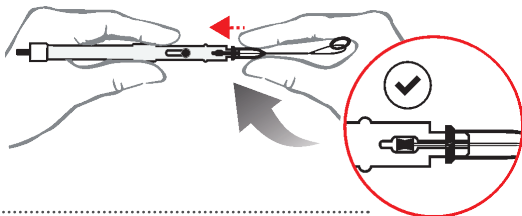
## Assembling the ending with disposable loop on BTR PEN

1.

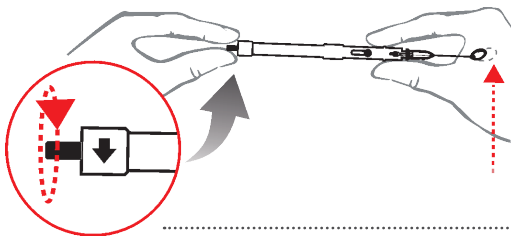


**CAUTION:** Cap for the slider must be in a final position (see pic.1). Loop's grip knob is used for regulation of the position of the cap.

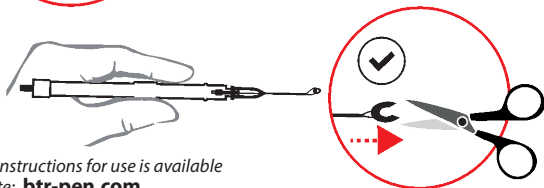
2.



3.



4.



Video of the instructions for use is available  
on the website: **btr-pen.com**

**HANDLING OF THE BTR PEN:**

The stainless steel tool is intended for a reusable use, but the BTR TIP is for single use.

**Handling dental tools made of stainless steel**

Special processes have been undertaken during the manufacture of the dental instruments to ensure corrosion-resistance. In spite of this, the durability of these dental instruments depends on their proper use and correct maintenance.

**Cleaning, rinsing and washing**

The packaged instruments are non – sterile. Before sterilization, these new instruments should be washed thoroughly with warm water and using detergent. Before each use these dental instruments must be sterilized.

**Sterilization**

All (reusable) dental instruments must be disinfected, then washed out to remove detergent and then dried before sterilization. BTR PEN is autoclaveable. Only use bags according to the sterilization in autoclave. Observe the instructions of the autoclave manufacturer.

**HANDLING OF THE BTR TIP**

The BTR TIP is delivered non – sterile. Before use, the tip should be sterilized, using standard bags according to the sterilization in autoclave. Store in a dry and clean place for storage. Observe the instructions of the autoclave manufacturer.

BTR TIP is for single use.

**PRECAUTIONS**

Adhere to the guidelines for cleaning and sterilization of the dental instruments.

**STORAGE**

Dental instruments should be stored in temperatures ranging between 5-30 °C (41 – 86 °F) and relative humidity below 70 %. Before use protect the instrument against contamination or damage of the material structure (cracks, bends, fractures, peeling, etc.). Failure to adhere to the above stated instructions decreases instrument durability and reduces instrument lifetime.



FOLLOW THE INSTRUCTIONS



**PPH CERKAMED**

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