



Keep away from sunlight



Storage temperature
60°C
-30°C



Single use only



Keep dry



STERILIZE before use



3 years see date of manufacture

miniKUT

Rotary Negotiation, Shaping, and Retreatment Files

15/03, 20/03, 25/03, 30/03, 35/03, 40/03, 45/03

15/05, 20/05, 25/05, 30/05, 35/05, 40/05, 45/05

15/07, 20/06, 25/08

Lengths: 17mm, 21mm, 25mm, 31mm

Available in procedure kits and individual sizes.

Contraindication & Adverse Reactions

As with all mechanically driven root canal instruments, miniKUT files should not be used in cases of severe and sudden apical curvatures due to heightened risk of separation.

Precautions

1. Before clinical use

- Clean and sterilize the product according to the indicated method.
- Do not use rotational speed other than that suggested in this IFU.
- For better performance efficiency, a torque control is recommended as suggested in the table of this IFU (according to the identified model).
- Never force miniKUT apically. Insert the miniKUT file gently and passively.
- Irrigate the root canal copiously and frequently during the shaping procedure.
- miniKUT files should be single patient use only.
- The reuse of endodontic files can increase risk of: cross contamination, due to the possibility of use in different patients, fracture of the active part or detachment of the active part of the handle shank, due to the wear and tear generated by excessive use.
- Do not use the endodontic file after the expiration date. The product may have a lower working performance than specified.

2. Utilize

- A torque controlled endodontic motor is indicated.

3. Dispose of used miniKUT instruments in an appropriate Biohazard Sharps container.

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For Dental Use Only

Composition

The functional portion (blade) of the instrument is composed of nickel titanium alloy.

Indications for Use

Shaping of the root canal system in endodontic procedures. Every patient who presents a tooth in the dental arch is liable to undergo endodontic treatment and use NiTi rotary files.

Warnings

Files should be handled by qualified professionals. Instruments must be sterilized before use.

In order to obtain an efficient and safe process, the rotating equipment must comply with IEC 60601-1.

This product contains nickel and should not be used for individuals with known allergic sensitivity to this material.

Connection of the endo file to the contra angle

The endo file must be connected to the contra angle in order to use it correctly. The contra angle head must be opened and the latch of the endo file must be connected inside. The contra angle head must be locked and the operator must check if it is ready to use. After the use, the contra angle must be unlocked and unloaded.

Cleaning methods for endo files

Before the use, all endo files must go into an ultrasonic bath with distilled water for 60 minutes, 80°C, according to ultrasonic device instructions. After ultrasonic bath, the files must be rinsed in clean water. Once the files are dry, put inside autoclave paper bags and sealed.

Sterilization method indicated

Use steam sterilization at temperature of 121°C, for 20 minutes and 1,20 Kgf/cm² (1,16 atm).

Side Effects

No side effect has been reported using NiTi files.

Recommended Speeds and Torques

File	Torque (NCM)	RPM	Flutes	Tip
miniKUT OS 15/07	2.00	700-900	4	Smart
miniKUT EZP 15/05	2.00	700-900	4	Dynamic
miniKUT EZP 15/03	2.00	700-900	4	Smart
miniKUT MB2 15/05	2.00	700-900	4	Dynamic
miniKUT Shaping 03	2.00	700-900	2	Smart
miniKUT Shaping 05	2.00	700-900	2	Smart
miniKUT RT 06	3.00	900-1000	3	Smart
miniKUT RT 08	3.00	900-1000	3	Smart



Manufactured in Brazil
Exclusively for PlanB Dental



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