

Mity 74 / 76 and Xtreme 74 / 76 NiTi Rotary Files

RX Only - For Dental Use Only



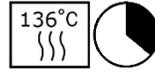
Single
Use
Only



Consult
Instructions
For Use



Sterilize
Before
Use



Autoclave
Temperature
and Time



Contains
Nickel
Titanium

Composition

Operative portion of file is composed of nickel titanium alloy.

Indications for Use

Files are used for the removal of dentin and shaping of the root canal.

Contradictions

None known.

Warnings

Files are provided non-sterile and must be sterilized before use. Single use only as re-use increases risk of fracture. This product contains nickel and should not be used for individuals with known allergic sensitivity to this material.

Adverse Reactions

Files contain nickel which may cause allergic reactions.

Precautions

- As with all new products, you must exercise caution until you become proficient in its use.
- A slow-speed hand piece is required for rotary file use.
- Operate the hand piece at 300 RPM (Revolutions per minute) with torque settings per torque chart.
- Straight-line access is a prerequisite for proper endodontic treatment.
- Always utilize minimal apical pressure. Do not force the files down the canal.
- Clean file flutes after each insertion into the root canal and inspect flutes for distortion or wear. Discard if visible.
- Frequently irrigate and lubricate the canal throughout the procedure.
- Take each file to length only one time and for no more than one second.
- Exercise caution in the apical area and around significant curvatures.
- Instruments are single patient use devices.
- If the file is too large and taken to length it will increase the risk of canal transportation and file separation.

Sterilization

Files must be sterilized before use. ANSI/ADA Specification 28 recommends:

- Scrub the files with soap and warm water
- Rinse thoroughly with distilled or deionized water
- Allow to air dry
- Place the files, unwrapped, in the autoclave tray
- Use fresh distilled or deionized water
- Steam Autoclave at 136°C (+/-2°C) for 20 minutes
- Instruments are single patient use only

Step-by-Step IFU

Straight-Line Access

- Create straight line access to canal orifices.
- Locate canals and explore using small stainless steel hand file. Minimum size #15 K-File required prior to rotary use. Apex Access Kit rotary files size 15 and 20 can also be used after #10 K-File in lieu of additional hand instruments.

Crown Down Shaping and Cleaning

With 74 (.04 taper) for all Canals

Start with a 17/04 rotary file. Take the 17/04 to resistance or working length (whichever occurs first). Proceed with the 20/04 and then the 25/04. Repeat going from 25/04 to 20/04 until one of the files reaches the working length. If this is the tip size you desire, then obturate. If not, take the next larger file to length. Keep taking the next larger size to length until you achieve the tip size you desire, and then obturate. Between each rotary file recapitulate with a #10 or #15 hand file to maintain glide path and help lubricate to the canal terminus.

With 76 (.06 taper) for all Straight to Mildly Curved Canals

If a .06 taper is desired use the same .04 taper crown down technique. Start with a 17/06 file to working length. Take the 20/06 and 25/06 to resistance or working length. If this is the tip size you desire, then obturate. If not, take the next larger file to length. Keep taking the next larger size to length until you achieve the tip size you desire, and then obturate. Between each rotary file recapitulate with a #10 or #15 hand file to maintain glide path and help lubricate to the canal terminus.

Disposal

Dispose of product in Biohazard Sharps container.

Torque Chart

Size	Mity 74	Mity 76	Xtreme 74	Xtreme 76
17 - 20	30 g-cm	60 g-cm	60 g-cm	100 g-cm
25 - 30	90 g-cm	120 g-cm	150 g-cm	200 g-cm
35 - 45	130 g-cm	190 g-cm	250 g-cm	300 g-cm

