

ENDO-EZE™
TiLOS™

Description:

Endo-Eze® TiLOS Endodontic Files consist of engine driven (reciprocating) instruments and hand files. Hand files are stainless steel or nickel titanium with metal handles, over-molded with a soft thermoplastic material for better ergonomics and comfort. Engine driven files are stainless steel or nickel titanium with metal handles designed for 'friction-grip' style contra angles. All files follow ISO standards for color sequence as well as having the file size and taper imprinted on the handles.

Indications for Use:

Endo-Eze TiLOS Endodontic Files are indicated for the cleaning, shaping and removal of dentin during root canal preparation.

Warnings:

1. Files should not be used more than 4 times. Worn or damaged files may result in file separation.
2. This product contains nickel and should not be used on patients with known allergy to this material.
3. This product contains chromium and should not be used on patients with known allergy to this material.
4. This product is sold non-sterile and must be sterilized prior to use.

Precautions:

1. Examine the files for any physical deformities prior to each use.
2. Stainless steel files may be curved for anatomical conformity. Discard and do not use any files that have been bent in an angular fashion.
3. These files are recommended for reciprocating handpieces operating at 5,000 movements per minute with a 30° angle of movement.
4. These files may be used UP TO 4 times. Please see "Reuse" section of the Instructions for Use.
5. Exercise caution in areas of significant canal curvature.
6. The use of a file lubricant containing EDTA (e.g., File-Eze®) is recommended when using the TiLOS Stainless Steel Shaping Files.

Instructions:

1. Files must be sterilized prior to use.
2. Establish straight-line access and reproducible glide path prior to instrumentation of the canal.
3. Determine the working length of the canal using radiograph and an apex locator.

4. Determine patency using a #15 Stainless Steel Hand File to the Working Length. The Working Length ends approximately .5mm-1mm short of the radiographic apex.
5. The use of File-Eze is recommended as a file lubricant during instrumentation with TiLOS Stainless Steel Shaping Files.
6. Use the #1 Stainless Steel Shaping File to the Working Length -3mm, using the contra-angle head as the stop. Follow the natural anatomy of the canal with an upward, side-to-side brushing motion; leaning and flexing the file. Use this file for approximately 1 minute.
7. Recapitulate using the #15 Hand File. Then repeat step 6 using the #2 Stainless Steel Shaping File.
8. Recapitulate using the #15 Hand File. Use the #3 Stainless Steel Shaping file to the Working Length -6mm. Use this file for approximately 1 minute.
9. Use the #20 Stainless Steel Hand File to the Working Length as determined using apex location.
10. Use the #2 Stainless Steel Shaping File to the Working Length, using the contra-angle head as the stop. Follow the natural anatomy of the canal with an upward, side-to-side brushing motion; leaning and flexing the file. Use this file for approximately 1 minute or until loose in the canal.
11. Recapitulate using the #20 Hand File.
12. Use the NiTi Transitional files in the order of .08, .04, .02; gradually transitioning to the Working Length and recapitulating with the #20 Hand File between each file.
13. Finish instrumentation of the apex using NiTi Hand Files to desired size.
14. Proceed to obturation. Ultradent recommends using the EndoREZ[®] Obturation System.

Reuse

1. The number of re-uses of each file depends on multiple factors. Files may become less effective after each use. Worn or damaged files may lead to file separation if used.
2. Before and after each use, check the files for any signs of physical damage or wear. Discard any damaged or worn files.
3. Discard any files that have been bent in an angular fashion. Files that have been bent in a curved fashion may be used.

CLEANING AND STERILIZATION:

Step 1

- Remove any residue (pulp or dentin) immediately from the instruments with gauze – do not allow residue to dry.
- Remove the Endo Stops from the files.

Step 2

Option 1 - Manual Cleaning

- Gently scrub the files with a brush under running water and place the files in an ultrasonic bath to remove any debris.
 - Follow the manufacturer's recommendations regarding which cleaning agent and contact time.

Option 2 - Mechanical Cleaning (Thermo-Disinfection)

- Rinse the files thoroughly with water and a brush. Optionally, files may be placed in an ultrasonic bath to remove any debris. Follow the manufacturer's recommendations regarding cleaning agent and contact time.
- Place the files into a thermo-disinfection device.
 - Ensure that the thermo-disinfection device is suitable for the cleaning of endodontic instruments.
 - Follow the manufacturer's recommendations regarding which disinfection program is selected.
 - Ensure that any cleaning solutions used are compatible with the thermo-disinfection device and instruments.

Step 3

Sterilization:

This process is to be done after either Option 1 or Option 2 cleaning methods.

- Place new Endo Stops on the instruments then place them into their patient pack, or a new Empty Patient Pack (REF/UP#1590).
- Place the closed patient pack with the instruments into a sterilization bag.
- Steam sterilize the files using a sterilizer, following the manufacturer's recommendations.
 - Maximum sterilization temperature is 135°C (275°F).
 - Sterilization time is at least 20 minutes at 121°C (250°F).

Warning:

- 1. Do not use Dry Heat sterilization methods.**
- 2. Files should not be used more than 4 times. Worn or damaged files may result in file separation.**



See instructions
Siehe Anleitung
Voir le mode d'emploi
Zie gebruiksaanwijzingen

Vedere le istruzioni
Vea las Instrucciones
Ver instruções
Se bruksanvisning

Se vejledningen
Lue käyttöohjeet
Δείτε τις οδηγίες



Autoclave

REF

Catalog Number
Katalognummer
Número de catalogue
Catalogusnummer
Numero di catalogo

Número de Catálogo
Número de catálogo
Katalognummer
Katalognummer
Luettelonumero

Αριθμός καταλόγου
Νοмер в каталоге
Numer katalogowy
Katalog Numarasi

카탈로그번호
产品目录编号
カタログ番号

For professional use only.

U.S. federal law restricts the sale of this device by or on the order of a dentist.

For immediate reorder and/or complete descriptions of Ultradent's product line,
refer to Ultradent's catalog or call Toll Free **1-800-552-5512**.

Outside U.S. call (801)572-4200
or visit www.ultradent.com.

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U.S. Patent No. 5,967,778 Other U.S. and International Patents Pending.

 Manufactured By:
Ultradent Products, Inc.
505 West 10200 South,
South Jordan, Utah 84095, USA

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