

Bisco

CE 0459

***D.T. LIGHT-POST®
REMOVAL KIT***

Instructions for Use



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IN-141R2
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CAUTION: U.S. Federal law restricts this device to sale by or on the order of a licensed Dentist.

D.T. LIGHT-POST REMOVAL KIT

GENERAL INFORMATION

The **D.T. LIGHT-POST REMOVAL KIT** has been specially designed to aid in the removal of the quartz fiber D.T. LIGHT-POST* and D.T. LIGHT-POST® ILLUSION® X-RO®*. The removal drill has the same dimensions as the #1 D.T. POST drill, but with a different cutting edge. By properly centering the removal drill on the post, you should be able to remove the #1 D.T. POST. The removal of the post is achieved by hollowing the post from the inside out.

Indications for Use:

Removal of D.T. LIGHT-POST and D.T. LIGHT-POST ILLUSION X-RO

Warning:

- The removal drill is sold non-sterile and must be sterilized prior to first use and between subsequent uses.

Caution:

- Visually inspect the drills before each use and change to new drill when damaged, corroded or dull.

Precautions:

- To reduce heat, copious water irrigation must be used during post removal.

INSTRUCTIONS FOR USE

To Remove the #1 D.T. LIGHT-POST: The removal drill has the same dimensions as the #1 D.T. POST drill, but with a different cutting edge. By properly centering the removal drill on the post, you should be able to remove the #1 D.T. POST. The removal of the post is achieved by hollowing the post from the inside out. Follow steps below.

To Remove the #2 or #3 D.T. LIGHT-POST: After working the removal drill to the full length of the post, the central core of the post will have been removed, leaving a hollowed shell. The remaining post can be removed by using the corresponding #2 or #3 D.T. LIGHT-POST drills. Follow steps below.

1. Expose the coronal end of the post with a tungsten carbide bur. With the aid of a radiograph, determine the length of the post to be removed.
2. Create a pilot hole in the center of the post with the pin pilot drill or with a small round diamond bur. Use the pilot drill for its entire cutting length as this will aid in centering and guiding the removal drill.
3. Begin with the removal drill and use intermittent pressure to drill out the post. Frequent ventilation is necessary to avoid clogging the flutes and to avoid overheating the drill which may weaken the metal and may lead to fracture of the drill.
 - Follow the long axis of the post.
 - Drill under water spray to reduce heat build-up.
 - Optimum speed is 800-2000 rpm.
4. When removing #2 or #3 D.T. POSTS, begin with the removal drill and continue with the D.T. #2 or #3 drills, respectively and as necessary.

* D.T. LIGHT-POST, X-RO, and ILLUSION are registered trademarks of RTD France.
D.T. LIGHT-POST and D.T. LIGHT-POST ILLUSION X-RO were developed by RTD France.

INFECTION CONTROL

Carbide drills: The instruments are supplied non-sterile. Disinfect and sterilize instruments before each use. Disinfect instruments with disinfecting or cleaning agents adapted for tungsten carbide instruments and follow the manufacturer's instructions for use. Do not disinfect instruments in thermosdisinfector. Do not use hydrogen peroxide (H₂O₂) to disinfect. Use distilled water in order to prevent water spots. Inspect instruments visually before each use: change instruments when they are damaged, corroded or dull. Use a new drill after a maximum of 3 uses.

Carbide drills must be sterilized individually in an autoclave with the following settings**:

- Wrap individually in disposable sterilization pouches or tubing that comply with the regulation standard in force in the country of use (e.g. EN ISO 11607-1).
- Use steam sterilization: autoclave** complying with regulation standard in force (e.g. EN 13060).
- Do not use chemical or dry heat to sterilize as these processes have not been validated for use.

HYGIENE: Drills are sold non-sterile and must be sterilized prior to first use and between subsequent uses in accordance with these instructions.

DISPOSAL: Drills should be disposed of in an appropriate sharps container or in accordance with local policy.

STORAGE: The drill should be stored in the sterilization container until required. Containers or pouches must be dry before opening to avoid recontamination of the contents with water. Storage should be in dry, clean conditions at ambient temperature. If the packaging's integrity appears to be compromised, before using again, place the component in a new pouch and re-sterilize according to the protocol defined before.

WARRANTY: Bisco, Inc. recognizes its responsibility to replace products if proven to be defective. Bisco, Inc. does not accept liability for any damages or loss, either direct or consequential, stemming from the use of or inability to use the products as described. Before using, it is the responsibility of the user to determine the suitability of the product for its intended use. The user assumes all risk and liability in connection therewith.

** Please refer to your autoclave manufacturer for specific sterilization instructions if needed.

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RTD Patents: US 2008/0280263A1, US8298973, US7726971 & Patent Pending.