

OUTPOST™

Post Removal Kit

SAN DIEGO
SWISS
MACHINING
INCORPORATED

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C

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See Instruction for Use

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Manufactured in the USA by
San Diego Swiss Machining, Inc

Sterilize Before Use

Caution: U.S. federal law restricts this material to the sale by, or on the order of a dentist.

Indication For Use:

The OUTPOST is designed to assist in the removal of metallic posts and may be used on a variety of post types. These include parallel, tapered, cast, threaded and smooth posts. The OUTPOST is not intended for use on composite-type posts.

Expose 1mm-3mm of the obstruction by removing surrounding restorative materials. Ultrasonic instruments can aid in the removal of restorative materials and will oftentimes loosen the obstruction completely via ultrasonic vibration.

Contra Indications:

None Known.

Precautions:

- Always "bevel" or "chamfer" the most coronal portion of the obstruction prior to trephining. (This will assist in "centering" the trephine drill.)
- Trephines (Core Drill) should be used in a latch-head, low speed, high torque hand piece.
- Lubricant should be used with the Trephines (Core Drill) to aid in the cutting of the metal post and to minimize heat.
- Prior to use of the tubular tap, place the appropriate silicon cushion over the working end of the tubular tap. Failure to do so could cause damage to the tooth surface.

Instructions For Use:

1. Expose 1-3mm of obstruction.
2. Assess the cross-sectional diameter of the post.
3. Place a chamfer or bevel circumferentially at the most coronal portion of the post.
4. Select the Trephine drill that is the closest in size to the post diameter. (Trephine should be slightly smaller than post.)
5. Slowly machine the post to size to a depth of 1-3mm. Use a "pecking" motion to machine the post. (Place a drop of lubricant to the Trephine drill to aid in the cutting and to reduce heat.)
6. Choose the corresponding tap. I.e; if a #4 trephine is used, choose the #4 tubular tap.
7. Place the appropriate silicon bumper at the distal end of the tap. (Bumper should be large enough to cover the entire crown area in order to protect the tooth structure.
8. Using a Counterclockwise (CCW) motion, slowly thread the tap over the post.
9. Once you can no longer thread by hand, use the torque bar to thread another ¼ turn to ensure maximum "bite" on the instrument.
10. Engage the plier handle onto the tap. Plier handle should be in a "closed" position.
11. Slowly turn the plier knob in a Clockwise (CW) direction to open the jaw of the pliers, encouraging the removal of the post.
12. For the most difficult of posts, you may also utilize ultrasonic vibration by placing an ultrasonic instrument against the post and activating the instrument. This can aid in loosening additional bonding materials

Sterilization:

The OUTPOST must be sterilized prior to every use. To autoclave maintain a temperature of at least 121° C (280° F) for a minimum of 20 minutes per USP recommendations, or 190° C for dry heat.