

Bone Profiler Recommended Guidelines

Product Description

Zimmer Biomet Dental Bone Profilers are used to assist in bone removal around the coronal aspect of the implant allowing for proper seating of healing abutments, prosthetic components, impression copings and final restorations. This step can be employed in one-stage or in two-stage surgical protocol. It is especially useful for subcrestal implant placement but can be utilized in select crestally placed implants as needed.

Each Bone Profiler exhibits an ISO-Latch connection design and can be used with:

- A contra-angle handpiece drill for powered use
- A Low Torque Indicating Ratchet Wrench Standard ISO 1797 Adapter [Item #: C9980] attachment to facilitate manual use



Important Considerations

- Zimmer Biomet Dental Bone Profilers are designed to be used with the following dental implants: Certain[®], External Hex, Tapered Screw-Vent[®] (TSV[®])/ Trabecular Metal[™] and Eztetic[®].
- Bone Profilers are provided non-sterile. The Bone Profilers are reusable up to 15 uses and require cleaning and sterilization prior to each use. For recommended cleaning and sterilization procedures of Bone Profilers, please refer to **Cleaning and Sterilization of Biomet 3i Kits and Instruments (P-ZBDINSTRP) available at <http://ifu.biomet3i.com/>**. For sterilization, utilize parameters for stand-alone Instruments.
- Bone Profilers should be inspected for wear before each use.
- Recommended Bone Profiler speed is at or below 50 rpm. Exceeding rpm may damage the implant seating surface or internal structure.
- Verify that the Bone Profiler is engaged/retained within the locking mechanism of the drill motor / handpiece, in order to prevent accidental swallowing or aspiration.
- Bone Profiler should be fully seated onto the implant site before use. Activating Bone Profiler prior to seating may damage the implant seating surface or internal structure.



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Directions For Use

1. Attach Bone Profiler to the appropriate delivery tool:
 - Powered use - contra-angle handpiece drill.
 - Manual use - Low Torque Indicating Ratchet Wrench Standard ISO 1797 Adapter [C9980].

NOTE: If applicable, remove excess bone that may have grown over the cover screw and remove cover screw prior to Bone Profiler use.

2. Insert the Bone Profiler into the placed implant. Ensure the Bone Profiler guide pin is aligned coaxially with the implant.

3. Once the Bone Profiler is seated onto the implant site:
 - Powered use - start the handpiece drill rotating at or below 50 rpm, clockwise.
 - Manual use - begin rotating the Bone Profiler clockwise.

Apply light pressure in the direction of the implant. The Bone Profiler will gradually cut away the excess bone from around the coronal aspect of the implant to allow prosthetic components to fully seat.

NOTE: For optimal cutting, ensure cutting teeth are clear of collected debris. Excess debris may result in poor performance of the Bone Profiler, which could lead to implant connection damage.

4. Continue cutting away at the bone until the Bone Profiler no longer removes bone and excess bone has been sufficiently reduced to allow for proper seating of prosthetic components.

NOTE: Ensure that the implant platform is cleaned from bone remnants prior to seating the restorative component.

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