Zimmer Biomet
Instrument Kit System
Reference Guide

Tapered Screw-Vent® (TSV™) Implant System
Trabecular Metal™ Dental Implants
3.1 mmD Eztetic® Dental Implants

ZIMMER BIOMET
Your progress. Our promise.
Instrument Kit System For TSV, Trabecular Metal And 3.1 mmD Eztetic Implants

TSV Surgical Kit (TSVKIT)

1. 3.0 mmD Round Bur T203
2. 2.3 mmD Drill, 22 mmL SV2.3DN
3. 2.8 mmD Drill, 22 mmL SV2.8DN
4. 3.4 mmD Drill, 22 mmL SV3.4DN
5. 3.4 mmD Step Drill, 22 mmL TSV3DN
6. 3.8 mmD Drill, 22 mmL SV3.8DN
7. 3.8 mmD Step Drill, 22 mmL TSV3.8DN
8. 3.8 mmD Drill, 16 mmL SV3.8DSN
9. 3.8 mmD Step Drill, 16 mmL TSV3.8DSN
10. 4.4/3.8 mmD Step Drill, 16 mmL TSV4DSN
11. 4.4 mmD Drill, 16 mmL SV4.4DSN
12. Paralleling Tool (Qty: 4) PPAR
13. 2.3 mmD Drill, 16 mmL SV2.3DSN
14. 2.8 mmD Drill, 16 mmL SV2.8DSN
15. 3.4/2.8 mmD Step Drill, 16 mmL TSV3DSN
16. 3.4 mmD Drill, 16 mmL SV3.4DSN
17. 3.8/3.4 mmD Step Drill, 16 mmL TSV3.8DSN
18. Tapered Pilot Drill, 2.1/1.6 mmD, 8 mmL O201
19. 5.1 mmD Drill, 22 mmL SV5.1DN
20. 5.1 mmD Step Drill, 22 mmL TSV6DN
21. 5.7/5.1 mmD Step Drill, 22 mmL TSV6DSN
22. Drill Extender DE
23. 3.7 mmD Bone Tap TT3.7
24. 4.1 mmD Bone Tap TT4.1
25. 4.7 mmD Bone Tap TT4.7
26. 6.0 mmD Bone Tap TT6.0
27. 2.5 mm GemLock Hex Drill RHD2.5
28. 2.5 mm GemLock Hex Tool, Short RH2.5
29. 2.5 mm GemLock Hex Tool, Long RHL2.5
The NP Surgical Module snaps into the Tapered Screw-Vent Surgical Kit

Cleaning of Instruments* 
1. Disassemble multi-piece components. 
2. Rinse instruments in cool to lukewarm drinkable water for 2 and 1/2 minutes. 
3. For drills, use the cleaning wire to remove any debris from the irrigation channel. Using a 25 gauge needle, flush the drill lumen with water to remove any remaining debris. 
4. Sonicate the instruments for 10 minutes in an ultrasonic cleaner with a pH-neutral enzymatic detergent diluted with tap water per the manufacturer’s instructions. 
5. Rinse the instruments with drinkable tap water for 3 minutes. 
6. Inspect the instruments for signs of wear, damage, or unrecognizable color identification and replace the instruments accordingly. 

Cleaning of Trays and Staging Block* 
1. Remove all parts and insert from the surgical tray. Clean parts per above instructions. 
2. Rinse the tray and tray insert with cool to lukewarm drinkable tap water to remove all visible soil. 
3. Fully immerse the kit in enzymatic detergent, prepared per manufacturer’s specifications, and allow the kit to soak for a minimum of one minute. 
4. Use a damp cloth or soft-bristle brush to wipe and remove any excess soil from each part. 
5. Rinse thoroughly with tap water for 3 minutes. 

Sterilization* 
1. Individual parts should be placed in a sterilization pouch prior to sterilization. 
2. Kits should be populated with clean instruments, placed in a sterilization pouch and sealed. 
3. Validated sterilization parameters:

<table>
<thead>
<tr>
<th>Cycle Type</th>
<th>Temperature</th>
<th>Exposure Time</th>
<th>Dry Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gravity (steam)</td>
<td>132°C, 270°F</td>
<td>15 mins</td>
<td>20 mins</td>
</tr>
<tr>
<td>Pre-vacuum (steam)</td>
<td>132°C, 270°F</td>
<td>4 mins</td>
<td>20 mins</td>
</tr>
<tr>
<td>Pre-vacuum (steam)</td>
<td>134°C, 273°F</td>
<td>3 mins</td>
<td>20 mins</td>
</tr>
<tr>
<td>Pre-vacuum (steam)</td>
<td>134°C, 273°F</td>
<td>18 mins</td>
<td>20 mins</td>
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</tbody>
</table>

*For detailed cleaning and sterilization instructions, refer to the Instructions for Use provided with the products.
Intuitive Flow And Color-Coding

A simple color-coding system identifies drills for each implant diameter, allowing you to easily follow any surgical sequence step-by-step. As an example, surgical drills required for placement of the 3.7 mmD Tapered Screw-Vent Implant are represented by horizontal green bars on the kit surface and are logically organized in the order you would use them from left to right. The color-coding also allows you to easily identify your drill options for soft- or dense-bone protocols – a dotted color bar denotes a final soft-bone drill, while the following solid color bar denotes a final dense-bone drill.

### Step 1
The 3.7 mmD Tapered Screw-Vent and Trabecular Metal Implant are color-coded in green. Start with the first green bar on the kit, which indicates the first drill to be used in the drilling sequence for this implant size.

### Step 2
Follow the green color bars from left to right. In a soft-bone protocol, the dotted green bar represents the final drill. For dense bone, skip the dotted green bar and move on directly to the next solid green bar. The last solid bar in the sequence represents the final drill for dense bone.

### Step 3
When drilling in dense bone, you can optionally use the 3.7 mmD cortical bone tap located in a green grommet directly below the last solid green bar in the sequence.
4.1 mmD Tapered Screw-Vent and Trabecular Metal Implant (3.5 mmD Platform)

1. SV2.3DN
   2.3 mmD Drill

2. SV2.8DN
   2.8 mmD Drill

3. FOR SOFT BONE
   SV3.4DN
   3.4 mmD Drill

4. FOR DENSE BONE
   TSV3.8DN

*Optional for dense bone

TT6.0
4.1 mmD Cortical Bone Tap

*When placing the 4.1 mmD Trabecular Metal Dental Implant in dense bone (Type D1), add an additional drill step utilizing the SV3.8DN/TSV3.8DSN drill after TSV3.8DN/TSV3.8DSN.

4.7 mmD Tapered Screw-Vent and Trabecular Metal Implant (4.5 mmD Platform)

1. SV2.3DN
2. TSV3DN
   3.4/2.8 mmD Drill

3. FOR SOFT BONE
   SV3.8DN

4. FOR DENSE BONE
   TSV4DN
   4.4/3.8 mmD Drill

*Optional for dense bone

TT4.7
4.7 mmD Cortical Bone Tap

*When placing the 4.1 mmD Trabecular Metal Dental Implant in dense bone (Type D1), add an additional drill step utilizing the SV3.8DN/TSV3.8DSN drill after TSV3.8DN/TSV3.8DSN.

6.0 mmD Tapered Screw-Vent and Trabecular Metal Implant (5.7 mmD Platform)

1. SV2.3DN
2. TSV3DN
   3.4/2.8 mmD Drill

3. TSV4DN
   4.4/3.8 mmD Drill

4. FOR SOFT BONE
   SV5.1DN
   5.1 mmD Drill

5. FOR DENSE BONE
   TSV6DN
   5.7/5.1 mmD Drill

*Optional for dense bone

TT6.0
6.0 mmD Cortical Bone Tap

*In dense bone, an optional additional step drill may be used before TSV6DN/TSV6DSN: TSV5.1DN/TSV5.1DSN. Note this additional drill is sold separately and is not included in kits.
Intuitive Flow And Color-Coding

A simple color-coding system identifies drills for each implant diameter, allowing you to easily follow any surgical sequence step-by-step. As an example, surgical drills required for placement of the 3.1 mmD Eztetic Implant are represented by horizontal blue bars on the kit and NP Module and are logically organized in the order you would use them from left to right and up to the NP Module. The color-coding also allows you to easily identify your drill options for soft- or dense-bone protocols – a dotted color bar denotes a final soft-bone drill, while the following solid color bar denotes a final dense-bone drill.

3.1 mmD Eztetic Implant Color-Coding

With the instrument kit system comes a simple way of working. Its unique, color-coded surgical protocol labeling system helps to guide you effortlessly through each drilling sequence.

Step 1
The 3.1 mmD Eztetic Implant is color-coded in blue. Start with the first blue bar in the main kit.

Step 2
Follow the blue color bars from left to right for the 2.3 mmD Drill, and up to the NP Surgical Module. Utilize the 2.4 mmD Drill as the final drill in soft bone. The last blue solid bar in the sequence is located in the NP Surgical Module and represents the final drill in dense bone (2.8/2.4 mmD).

Step 3
When drilling in dense bone, you can optionally use the 3.0 mmD cortical bone tap located in the blue grommet that follows the 2.8/2.4 mm drill.
3.1 mmD Eztetic Implants

1. 0201DSN
   2.1/1.6 mmD,
   8 mmL - 11.5 mmL
   Drill

2. SV2.3DN
   2.3 mmD
   Drill

3. SV2.4DN
   2.4 mmD
   Drill

4. ZOP28DN
   2.8/2.4 mmD
   Drill
   OPTIONAL FOR
   DENSE BONE
   ZOPTT30
   3.0 mmD
   Cortical Bone Tap