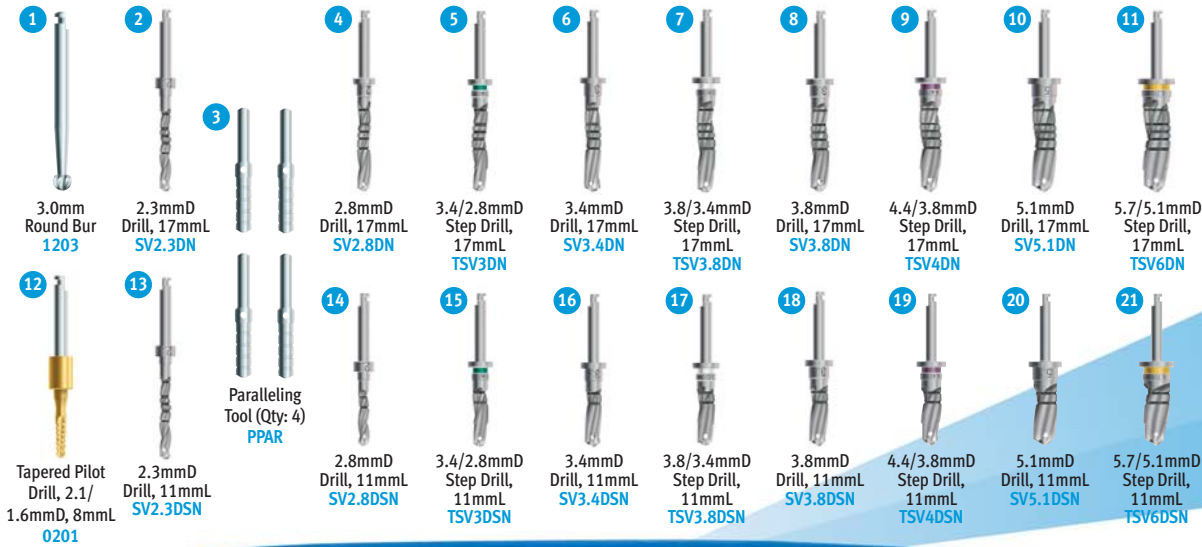


Zimmer® Instrument Kit System Reference Guide

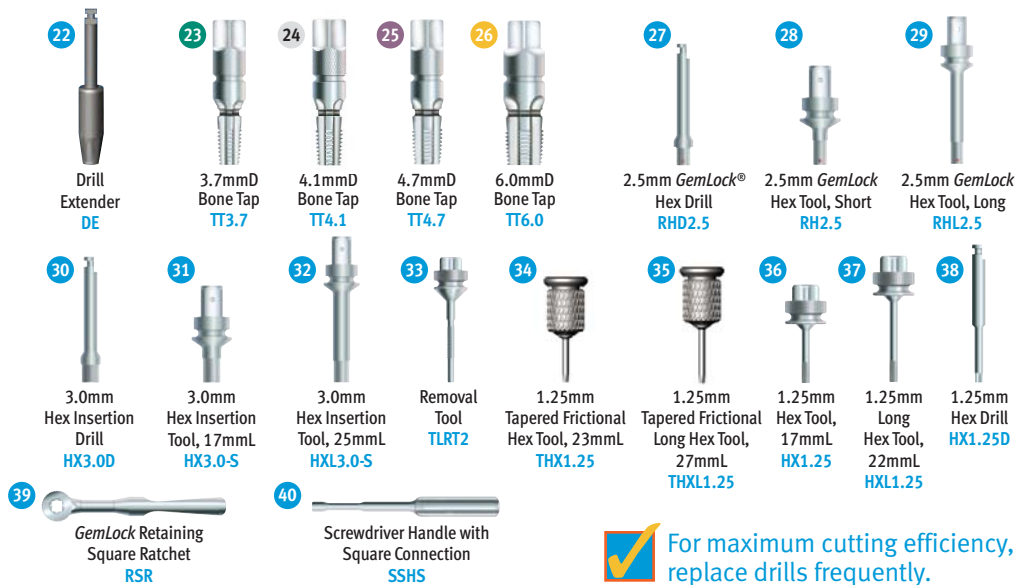
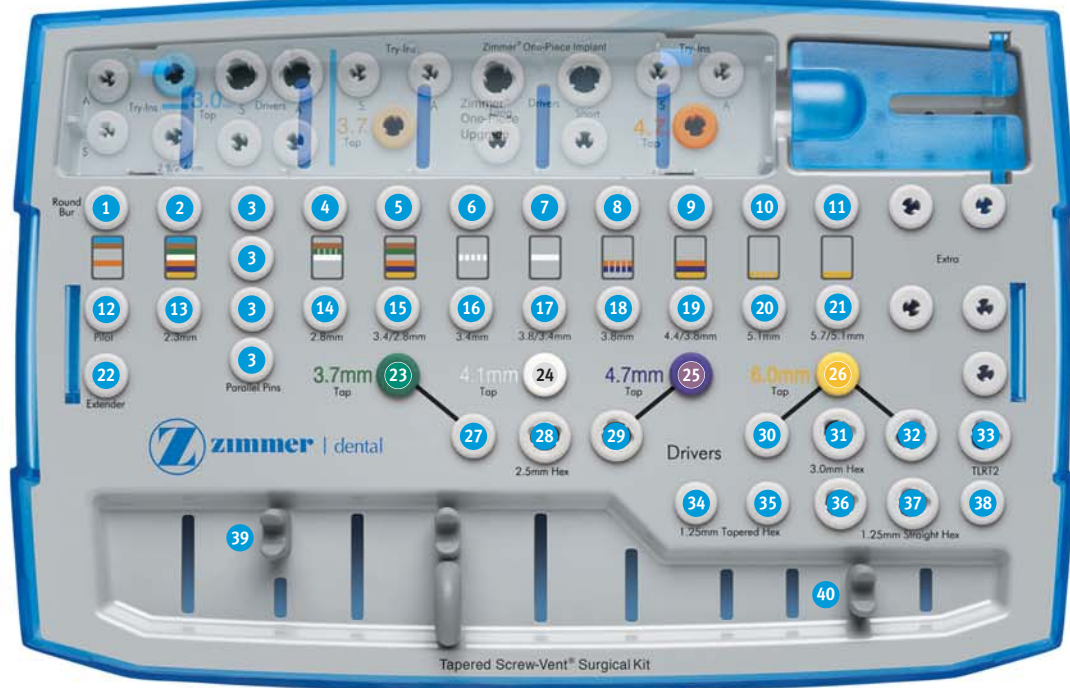
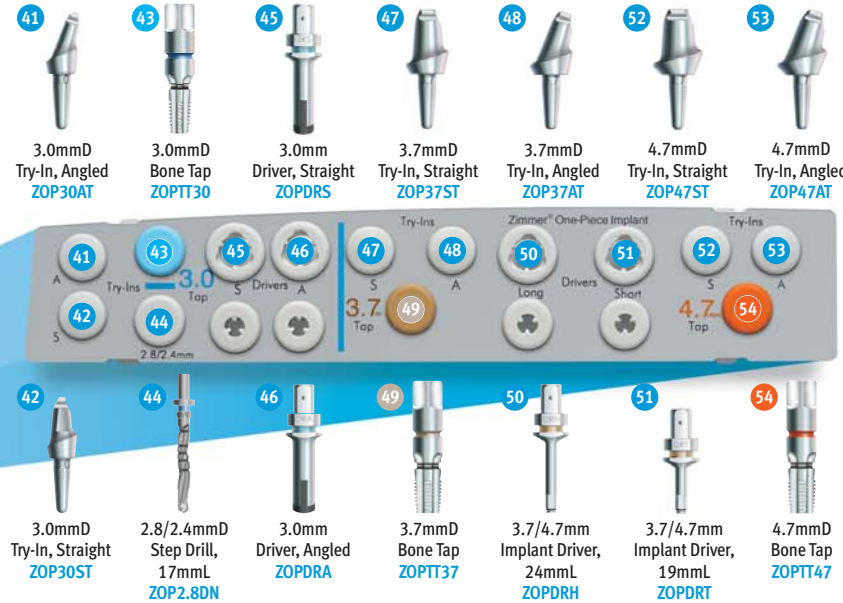


Zimmer® Instrument Kit System Reference Guide

Cleaning of Instruments



Zimmer® One-Piece Surgical Module for Upgrade



1. Disassemble two-piece components.
2. Rinse instruments in cool to lukewarm water for 2 1/2 minutes.
3. For drills, use the Zimmer 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 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.
2. Rinse the tray and tray insert with cool to lukewarm tap water.
3. Use a damp cloth to wipe and remove any excess soil from each part.
4. Wipe each part with a cloth dipped in an enzymatic detergent diluted with tap water per the manufacturer's instructions.
5. Rinse thoroughly with tap water for 3 minutes.

Sterilization

NOTE: Chemclave sterilization is NOT recommended.

1. Dry parts thoroughly before sterilization.
2. Double-wrap kit with autoclave wrap and secure wrap with autoclave tape.
3. Recommended Sterilization Parameters:

Cycle Type	Temperature	Exposure Time	Dry Time
^{1,2} Pre-vacuum (steam)	132°C 270°F	3 mins	30 mins
² Pre-vacuum (steam)	134°C 273°F	18 mins	30 mins
¹ Gravity (steam)	121°C 250°F	80 mins	30 mins

¹ Minimum validated sterilization time and temperature required to achieve a 10⁻⁶ sterility assurance level (SAL).

² Local or national specifications should be followed where steam sterilization requirements are stricter or more conservative than those listed in this table.

 For maximum cutting efficiency, replace drills frequently.

Tapered Screw-Vent® Surgical Protocol

Intuitive flow and color-coding – its beauty is in its simplicity.

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 3.7mmD 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.

Tapered Screw-Vent Implants Color-Coding

3.7mm Implant Diameter

4.1mm Implant Diameter

4.7mm Implant Diameter

6.0mm Implant Diameter



Step 1: The 3.7mmD Tapered Screw-Vent Implant is 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.

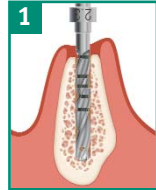
Step 3: When drilling in dense bone, you can optionally use the 3.7mmD cortical bone tap located in a green grommet directly below the last solid green bar in the sequence.



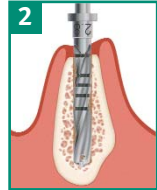
3.7mmD Tapered Screw-Vent Implant (3.5mmD Platform)



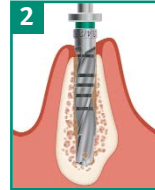
3.7mmD



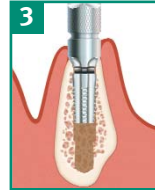
SV2.3D
2.3mmD
Drill



FOR SOFT BONE
SV2.8D
2.8mmD
Drill



FOR DENSE BONE
TSV3D
3.4/2.8mmD
Drill

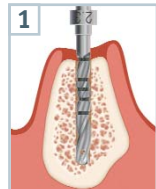


OPTIONAL FOR DENSE BONE
TT3.7
3.7mmD
Cortical Bone Tap

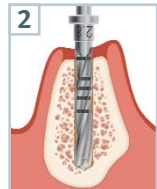
4.1mmD Tapered Screw-Vent Implant (3.5mmD Platform)



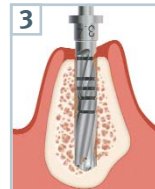
4.1mmD



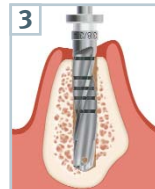
SV2.3D
2.3mmD
Drill



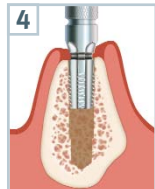
SV2.8D
2.8mmD
Drill



FOR SOFT BONE
SV3.4D
3.4mmD
Drill



FOR DENSE BONE
TSV3.8D
3.8/3.4mmD
Drill

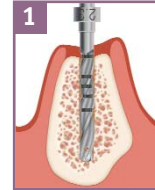


OPTIONAL FOR DENSE BONE
TT4.1
4.1mmD
Cortical Bone Tap

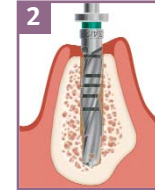
4.7mmD Tapered Screw-Vent Implant (4.5mmD Platform)



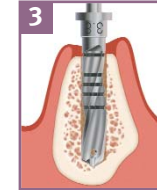
4.7mmD



SV2.3D
2.3mmD
Drill



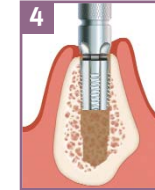
TSV3D
3.4/2.8mmD
Drill



FOR SOFT BONE
SV3.8D
3.8mmD
Drill



FOR DENSE BONE
TSV4D
4.4/3.8mmD
Drill



OPTIONAL FOR DENSE BONE
TT4.7
4.7mmD
Cortical Bone Tap

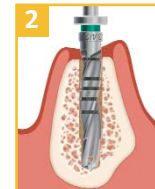
6.0mmD Tapered Screw-Vent Implant (5.7mmD Platform)



6.0mmD



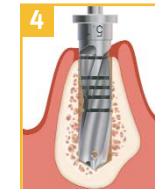
SV2.3D
2.3mmD
Drill



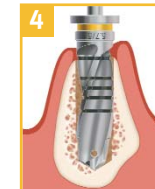
TSV3D
3.4/2.8mmD
Drill



TSV4D
4.4/3.8mmD
Drill



FOR SOFT BONE
SV5.1D
5.1mmD
Drill



FOR DENSE BONE
TSV6D
5.7/5.1mmD
Drill




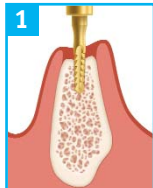
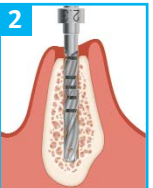
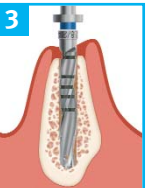
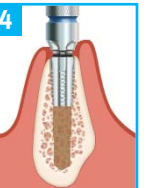


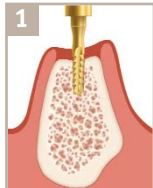
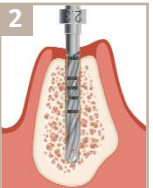
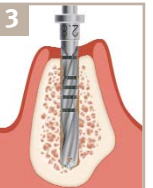
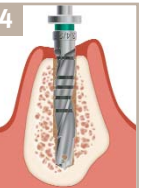

OPTIONAL FOR DENSE BONE
TT6.0
6.0mmD
Cortical Bone Tap

For detailed cleaning and sterilization instructions, refer to the Instructions for Use provided with the Zimmer® Instrument Kit System.

Zimmer® One-Piece Surgical Protocol

Intuitive flow and color-coding – its beauty is in its simplicity.

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 3.0mmD *Zimmer* One-Piece Implant are represented by horizontal blue 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.*

3.0mmD Zimmer One-Piece Implant (3.5mmD Prosthetic Margin)					
 3.0mmD	 1 0201 2.1/1.6mmD Drill	 2 SV2.3D 2.3mmD Drill	 3 ZOP28D 2.8/2.4mmD Drill	 4 OPTIONAL FOR DENSE BONE ZOPIT30 3.0mmD Cortical Bone Tap	
					
	3.7mmD Zimmer One-Piece Implant (4.5mmD Prosthetic Margin)				
	 3.7mmD	 1 0201 2.1/1.6mmD Drill	 2 SV2.3D 2.3mmD Drill	 3 SV2.8D 2.8mmD Drill	 4 TSV3D 3.4/2.8mmD Drill
					

* **Note:** 3.0mmD and 3.7mmD *Zimmer* One-Piece Implants have a dense bone protocol only.

Zimmer One-Piece Implants Color-Coding

3.0mm Implant Diameter

3.7mm Implant Diameter

4.7mm Implant Diameter



With the new *Zimmer*® Instrument Kit System comes an entirely new, but simple way of working. Its unique, color-coded surgical protocol labeling system helps to guide you effortlessly through each drilling sequence.

Sample: 3.0mmD *Zimmer* One-Piece Implant Surgical Sequence.



Step 1: The 3.0mmD *Zimmer* One-Piece Implant is color-coded in blue. Start with the first blue bar on the kit, which indicates the first drill to be used in the drilling sequence for this implant size.



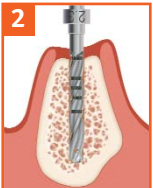

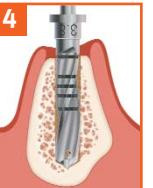

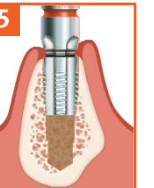



Step 2: Follow the blue color bars from left to right and up. The last blue solid bar in the sequence is located in the *Zimmer* One-Piece Surgical Module and it represents the final drill.



Step 3: When drilling in dense bone, you can optionally use the 3.0mmD cortical bone tap located in the blue grommet directly above the last solid blue bar in the sequence.

Note: In most cases, short drills with an overall length of 11mm are available for placement of 10mmL *Zimmer* One-Piece Implants in jaw locations with limited vertical access. See product catalog for a complete listing.

4.7mmD Zimmer One-Piece Implant (5.5mmD Prosthetic Margin)						
 4.7mmD	 1 0201 2.1/1.6mmD Drill	 2 SV2.3D 2.3mmD Drill	 3 TSV3D 3.4/2.8mmD Drill	 4 FOR SOFT BONE SV3.8D 3.8mmD Drill	 4 FOR DENSE BONE TSV4D 4.4/3.8mmD Drill	 5 OPTIONAL FOR DENSE BONE ZOPIT47 4.7mmD Cortical Bone Tap
						

For detailed cleaning and sterilization instructions, refer to the Instructions for Use provided with the *Zimmer* Instrument Kit System.