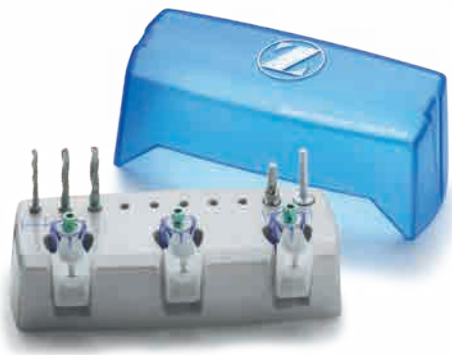
Zimmer Biomet Instrument Kit System

Reference Guide

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

Staging Block



NP Surgical Module for
3.1 mmD Eztetic Implants

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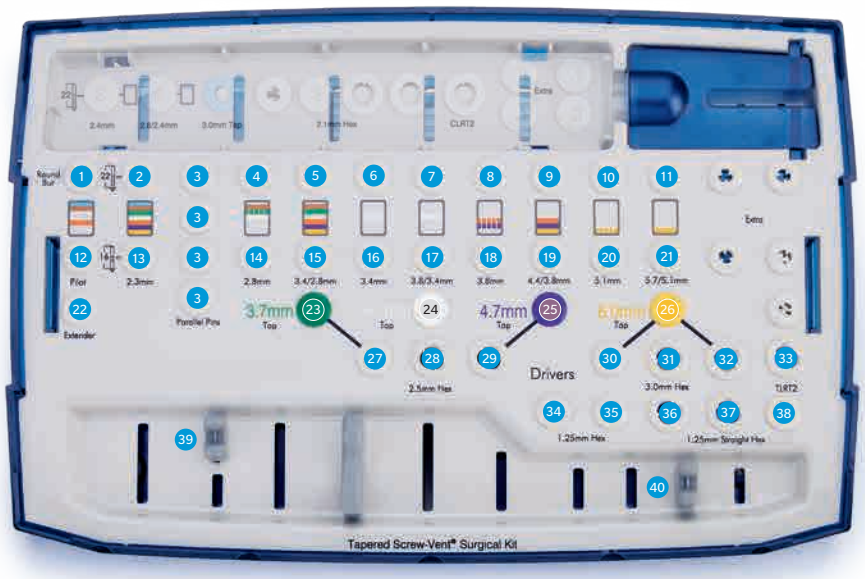
Instrument Kit System For TSV, Trabecular Metal And 3.1 mmD Eztetic Implants



TSV Surgical Kit
(TSVKIT)

1 3.0 mmD Round Bur 1203

2 2.3 mmD Drill, 22 mmL SV2.3DN

3 Paralleling Tool (Qty: 4) PPAR

4 2.8 mmD Drill, 22 mmL SV2.8DN

5 3.4 2.8 mmD Step Drill, 22 mmL TSV3DN

6 3.4 mmD Drill, 22 mmL SV3.4DN

7 3.8/ 3.4 mmD Step Drill, 22 mmL TSV3.8DN

8 3.8 mmD Drill, 22 mmL SV3.8DN

9 4.4/ 3.8 mmD Step Drill, 22 mmL TSV4DN

10 5.1 mmD Drill, 22 mmL SV5.1DN

11 5.7/5.1 mmD Step Drill, 22 mmL TSV6DN

12 Tapered Pilot Drill, 2.1/ 1.6 mmD, 8 mmL 0201

13 2.3 mmD Drill, 16 mmL SV2.3DSN

3 Paralleling Tool (Qty: 4) PPAR

14 2.8 mmD Drill, 22 mmL SV2.8DN

15 3.4/ 2.8 mmD Step Drill, 16 mmL TSV3DSN

16 3.4 mmD Drill, 16 mmL SV3.4DSN

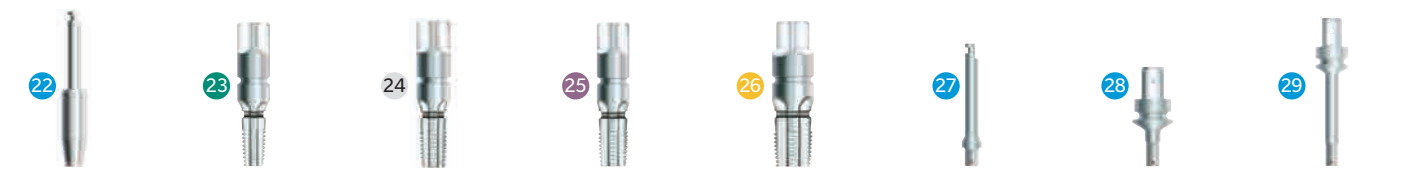
17 3.8/ 3.4 mmD Step Drill, 16 mmL TSV3.8DSN

18 3.8 mmD Drill, 16 mmL SV3.8DSN

19 4.4/ 3.8 mmD Step Drill, 16 mmL TSV4DSN

20 5.1 mmD Drill, 16 mmL SV5.1DSN

21 5.7/ 5.1 mmD Step Drill, 16 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

NP Surgical Module (NPMOD)

41 2.4 mmD Dríva™ Drill, 22 mmL
SV2.4DN

42 2.8/2.4 mmD Dríva Surgical Step Drill, 22 mmL
ZOP28DN

43 3.0 mmD Cortical Bone Tap Tool
ZOPTT30

44 2.1 mm GemLock® Hex Drill, Latch Lock, Short
CHD2.1

45 2.1 mm GemLock Hex Drill, Latch Lock, Long
CHDL2.1

46 2.1 mm GemLock Hex Tool, Ratchet, Short
CHR2.1

47 2.1 mm GemLock Hex Tool, Ratchet, Long
CHRL2.1

48 Removal Tool for Eztetic Abutments
CLRT2

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

30 3.0 mm Hex Insertion Drill
HX3.0D

31 3.0 mm Hex Insertion Tool, 17 mmL
HX3.0-S

32 3.0 mm Hex Insertion Tool, 25 mmL
HXL3.0-S

33 Removal Tool
TLRT2

34 1.25 mm Hex Driver with GemLock Retention, 22 mmL
HXGR1.25

35 1.25 mm Hex Driver with GemLock Retention, 30 mmL
HXLGR1.25

36 1.25 mm Hex Tool, 17 mmL
HX1.25

37 1.25 mm Long Hex Tool, 22 mmL
HXL1.25

38 1.25 mm Hex Drill 23 mmL
HX1.25D

39 GemLock Retaining Square Ratchet
RSR

40 Screwdriver Handle with Square Connection
SSHS

Cleaning of Instruments*

1. Disassemble multi-piece components.
2. Rinse instruments in cool to lukewarm drinkable water for 2 and a 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.
6. Dry components. Reassemble kit contents and follow sterilization guidelines.

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:

Cycle Type	Temperature	Exposure Time	Dry Time
Gravity (steam)	132°C 270°F	15 mins	20 mins
Pre-vacuum (steam)	132°C 270°F	4 mins	20 mins
Pre-vacuum (steam)	134°C 273°F	3 mins	20 mins
Pre-vacuum (steam)	134°C 273°F	18 mins	20 mins

For maximum cutting efficiency, replace drills frequently.

*For detailed cleaning and sterilization instructions, refer to the Instructions for Use provided with the products.

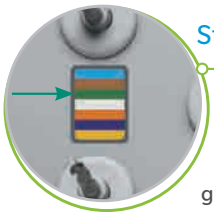
Tapered Screw-Vent And Trabecular Metal Implant Surgical Protocol

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.

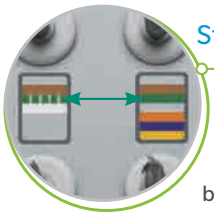
Tapered Screw-Vent And Trabecular Metal Implants Color-Coding

3.7 mm Implant Diameter	4.7 mm Implant Diameter
4.1 mm Implant Diameter	6.0 mm Implant Diameter



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.



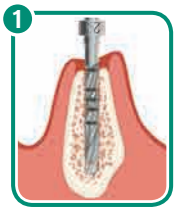
Step 2

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.

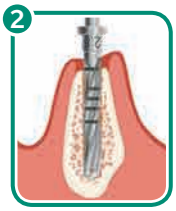
Step 3

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.

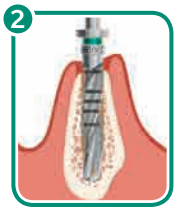
3.7 mmD Tapered Screw-Vent and Trabecular Metal Implant (3.5 mmD Platform)



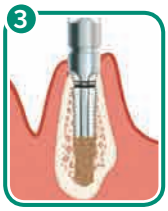
SV2.3DN
2.3 mmD
Drill



FOR SOFT BONE
SV2.8DN
2.8 mmD
Drill

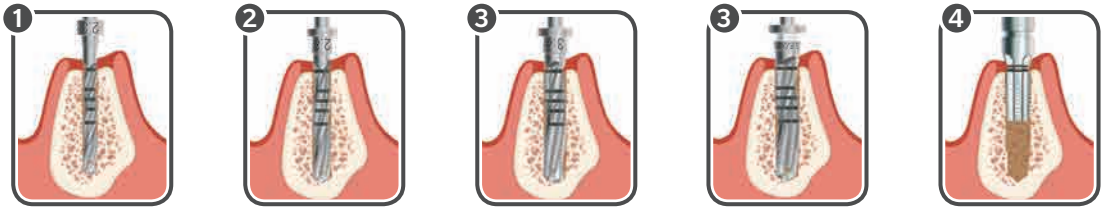


FOR DENSE BONE
TSV3DN
3.4/2.8 mmD
Drill



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

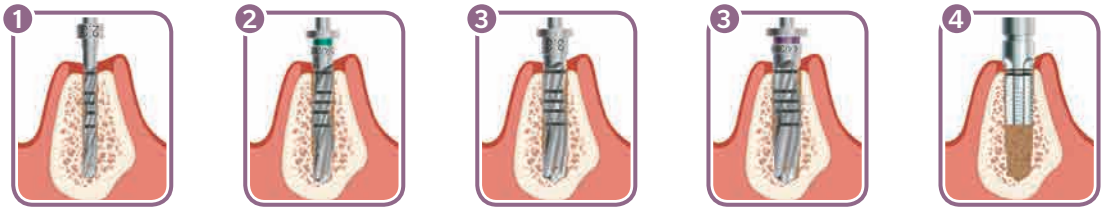
4.1 mmD Tapered Screw-Vent and Trabecular Metal Implant (3.5 mmD Platform)



1. SV2.3DN
   2.3 mmD
   Drill
2. SV2.8DN
   2.8 mmD
   Drill
3. FOR SOFT BONE
   SV3.4DN
   3.4 mmD
   Drill
3. FOR DENSE BONE*
   TSV3.8DN
4. OPTIONAL FOR DENSE BONE
   TT4.1
   4.1 mmD
   Cortical Bone Tap

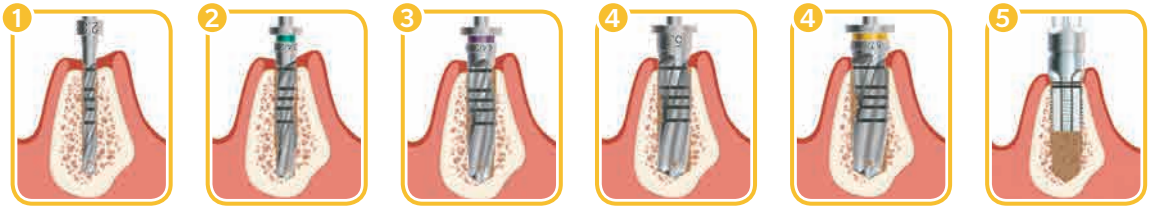
*When placing the 4.1mmD Trabecular Metal Dental Implant in dense bone (Type D1), add an additional drill step utilizing the SV3.8DN/SV3.8DSN drill after TSV3.8DN/TSV3.8DSN.

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
3. FOR DENSE BONE
   TSV4DN
   4.4/3.8 mmD
   Drill
4. OPTIONAL FOR DENSE BONE
   TT4.7
   4.7 mmD
   Cortical Bone Tap

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



1. SV2.3DN
   2.3 mmD
   Drill
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
4. FOR DENSE BONE*
   TSV6DN
   5.7/5.1 mmD
   Drill
5. 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.

Eztetic Implant Surgical Protocol

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.

3.1 mm Implant Diameter

Step 1

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

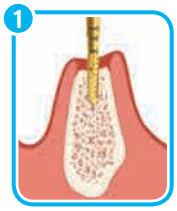
Step 2

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

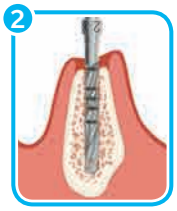
When drilling in dense bone, you can optionally use the 3.0 mmD cortical bone tap located in the blue grommet that follows the 2.8/2.4 mm drill.

3.1 mmD Eztetic Implants



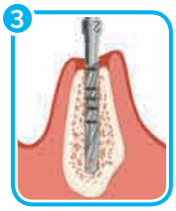
1

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



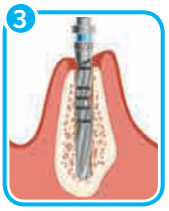
2

SV2.3DN
2.3 mmD
Drill



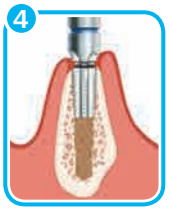
3

SV2.4DN
2.4 mmD
Drill



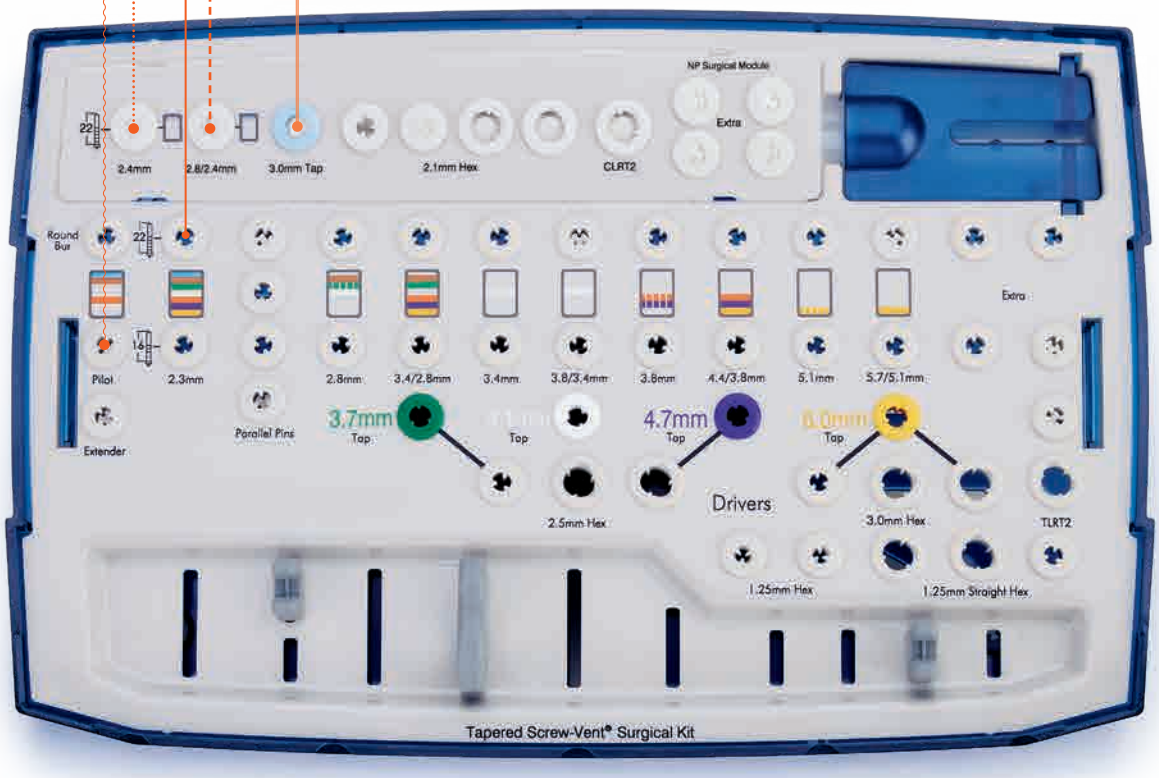
3

ZOP28DN
2.8/2.4 mmD
Drill



4

OPTIONAL FOR
DENSE BONE
ZOPTT30
3.0 mmD
Cortical Bone Tap



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