

# Zimmer Biomet Implant Systems

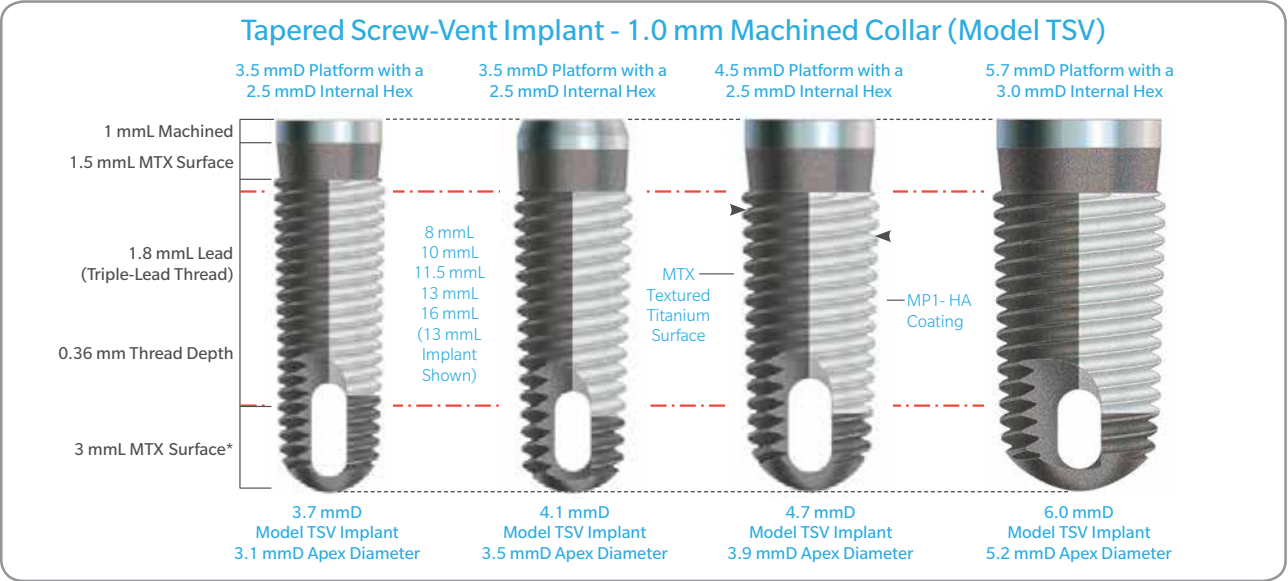


**ZIMMER BIOMET**  
Your progress. Our promise.

# Implant Design and Specifications

## Tapered Screw-Vent Implants

Tapered Screw-Vent Implants (Model TSV) feature a 1.0 mm machined coronal aspect followed by 1.5 mm of MTX Surface. Tapered Screw-Vent Implants taper along the length of the implant originating below the first thread, 3.5 mm from the coronal aspect of the implant. In the MP1- HA-coated implants the HA coating begins at the first thread, 2.5 mm from the coronal aspect of the implant. The degree of taper on the implants varies between °1.0 and 4.0,° depending on their length, to ensure that the apical diameter is consistent among all five implant lengths. Therefore the shorter the implant, the greater the degree of taper.



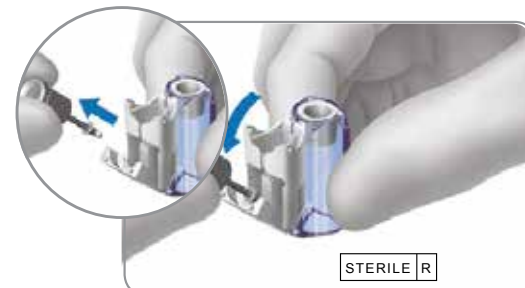
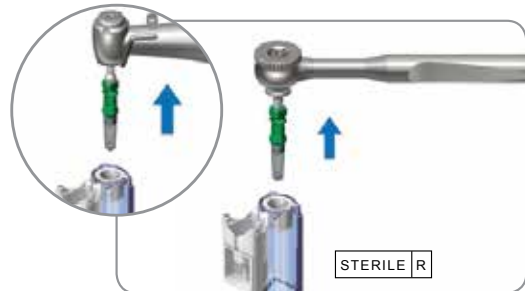
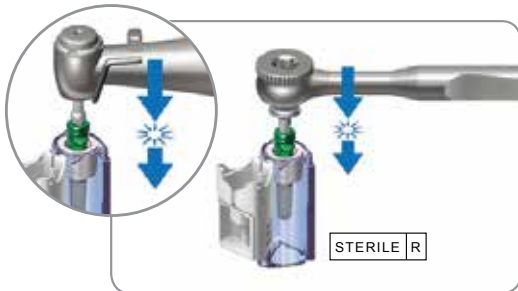
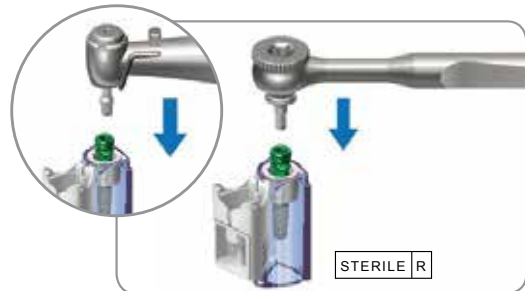
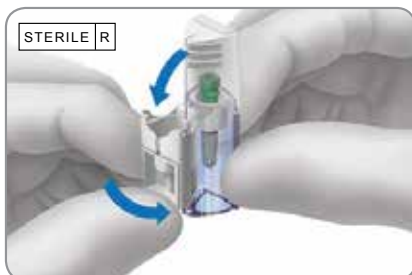
## Tapered Screw-Vent Implants With MTX Surface

Includes Fixture Mount/Transfer and Cover Screw



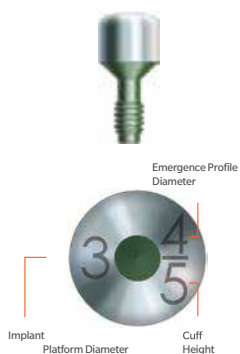
Implant Diameter	Implant Platform	Internal Hex Connection	Implant Length				
			8.0 mmL	10 mmL	11.5 mmL	13 mmL	16 mmL
3.7 mmD	3.5 mmD	2.5 mmD	TSVB8	TSVB10	TSVB11	TSVB13	TSVB16
4.1 mmD	3.5 mmD*	2.5 mmD	TSV4B8	TSV4B10	TSV4B11	TSV4B13	TSV4B16
4.7 mmD	4.5 mmD	2.5 mmD	TSVWB8	TSVWB10	TSVWB11	TSVWB13	TSVWB16
6.0 mmD	5.7 mmD	3.0 mmD	TSV6B8	TSV6B10	TSV6B11	TSV6B13	TSV6B16

## Implant Packing



# Prosthetics

## Healing Collars



Implant Platform	Emergence Profile	Cuff Height		
		3.0 mm	5.0 mm	7.0 mm
● 3.5 mmD	3.5 mmD (No Flare)	HC333	HC335	•
● 3.5 mmD	4.5 mmD	HC343	HC345	HC347
● 3.5 mmD	5.5 mmD	HC353	HC355	•
● 4.5 mmD	4.5 mmD (No Flare)	HC443	HC445	•
● 4.5 mmD	5.5 mmD	HC453	HC455	HC457
● 4.5 mmD	6.5 mmD	HC463	HC465	•
● 5.7 mmD	6.5 mmD	HC563	HC565	•



## Implant Placement

The Fixture Mount is used as a means to deliver the implant to the surgical site and provides convenient color-coded identification that matches the implant analogs.

● Green	3.5 mmD Platform
● Purple	4.5 mmD Platform
● Yellow	5.7 mmD Platform

## Fixture Mount/Transfers

Includes a Retaining Screw (URS2). Can be used as a Preparable Temporary Abutment.



Implant Platform	Emergence Profile	Item No.
● 3.5 mmD	4.5 mmD	FMT3
● 4.5 mmD	5.5 mmD	FMT4
● 5.7 mmD	6.5 mmD	FMT5
Replacement Retaining Screw	—	URS2

## Indirect Transfers (Closed-Tray Procedure)

Color-coded by implant platform. Includes a Retaining Screw.



Implant Platform	Emergence Profile			
	3.5 mmD	4.5 mmD	5.5 mmD	6.5 mmD
● 3.5 mmD	HLT3/3	HLT4/3	HLT5/3	—
● 4.5 mmD	—	HLT4/4	HLT5/4	HLT6/4
● 5.7 mmD	—	—	—	HLT6/5
3.0 mm Extension Screw for Indirect Transfer	HLTE	HLTE	HLTE	HLTE
Replacement Retaining Screw	HLTS2	HLTS2	HLTS2	HLTS2

## Direct Transfers (Open-Tray Procedure)

Color-coded by implant platform. Includes a Retaining Screw (DHTS).



Implant Platform	Emergence Profile			
	3.5 mmD	4.5 mmD	5.5 mmD	6.5 mmD
3.5 mmD	DHT3/3	DHT4/3	DHT5/3	—
4.5 mmD	—	DHT4/4	DHT5/4	DHT6/4
Replacement Retaining Screw	DHTS	DHTS	DHTS	DHTS

Note: Direct Transfers for open-tray procedures are not available for 6.0 mmD implants with 5.7 mmD platforms (please see Indirect Transfers on previous page).

## Titanium Implant Analogs For Stone Models

Color-coded by implant platform.



Implant Platform	Item No.
3.5 mmD	IA3
4.5 mmD	IA4
5.7 mmD	IA5

## Hex-Lock Contour Abutments, Straight

Includes a Retaining Screw (MHLAS).



Implant Platform	Emergence Profile	Cuff Height		
		1.0 mm	2.0 mm	3.0 mm
3.5 mmD	4.5 mmD	ZOA341S	ZOA342S	ZOA343S
4.5 mmD	4.5 mmD	ZOA441S	ZOA442S	ZOA443S
4.5 mmD	5.5 mmD	ZOA451S	ZOA452S	ZOA453S
5.7 mmD	6.5 mmD	ZOA561S	ZOA562S	ZOA563S
Replacement Retaining Screw		MHLAS	MHLAS	MHLAS

## Hex-Lock Contour Abutments, °17

Includes a Retaining Screw (AH20S).



Implant Platform	Emergence Profile	Cuff Height	
		1.0 mm	2.0 mm
3.5 mmD	4.5 mmD	ZOA341A	ZOA342A
4.5 mmD	4.5 mmD	ZOA441A	ZOA442A
4.5 mmD	5.5 mmD	ZOA451A	ZOA452A
5.7 mmD	6.5 mmD	ZOA561A	ZOA562A
Replacement Retaining Screw		AH20S	AH20S

## Contour Abutment Try-Ins And Try-In Kit



Implant Platform	Emergence Profile	Description	Item No.
3.5 mmD	4.5 mmD	Set of 5: Various Angles, Cuff Heights	ZOAT34
4.5 mmD	5.5 mmD	Set of 5: Various Angles, Cuff Heights	ZOAT45
5.7 mmD	6.5 mmD	Set of 5: Various Angles, Cuff Heights	ZOAT56
All	All	3 Sets of 5: All Sizes	ZOATKIT

# Prosthetics

## Hex-Lock Abutments

Includes a Retaining Screw (MHLAS).



Implant Platform	Emergence Profile			
	3.5 mmD	4.5 mmD	5.5 mmD	6.5 mmD
● 3.5 mmD	HLA3/3	HLA4/3	HLA5/3	—
● 4.5 mmD	—	HLA4/4	HLA5/4	HLA6/4
● 5.7 mmD	—	—	—	HLA6/5
Replacement Retaining Screw, Short	MHLAS	MHLAS	MHLAS	MHLAS
Replacement Retaining Screw, Long	HLTS2	HLTS2	HLTS2	HLTS2

## Angled Abutments, °20, For 6 Positions

Two-piece abutment for 6 positions. Includes a Retaining Screw (AH20S).



Implant Platform	Emergence Profile	Item No.
● 3.5 mmD for 6 Positions	4.5 mmD	AH4/20
● 4.5 mmD for 6 Positions	5.5 mmD	AH20W/5
● 5.7 mmD for 6 Positions	6.5 mmD	A5H6/20
Replacement Retaining Screw	—	AH20S

## “Cast-To” Gold Abutments, Engaging

Includes Retaining Screw (MHLAS). Total height of abutment including the plastic component.



Implant Platform	Item No.
● 3.5 mmD	HLA3G
● 4.5 mmD	HLA4G
● 5.7 mmD	HLA5G
Replacement Retaining Screw	MHLAS
Waxing Screw for “Cast-To” Abutments	MTWSD

## “Cast-To” Gold Abutments, Non-Engaging

Includes Retaining Screw (MHLAS). Total height of abutment including the plastic component.



Implant Platform	Item No.
● 3.5 mmD	NEA3G
● 4.5 mmD	NEA4G
Replacement Retaining Screw	MHLAS

## Overdenture Attachments

Abutments do not engage internal hex connection. Includes Cap Attachment Housing and Nylon Liner.



Implant Platform	Cuff Height		
	2.0 mm	4.0 mm	6.0 mm
● 3.5 mmD	BAC2	BAC4	BAC6
● 4.5 mmD	BACW2	BACW4	BACW6
● 5.7 mmD	BA5C2	BA5C4	—



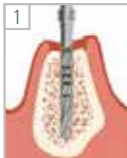
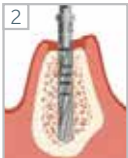
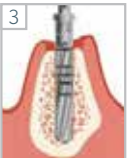
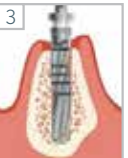

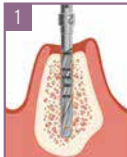
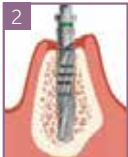

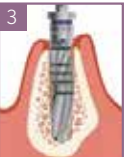




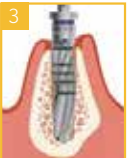


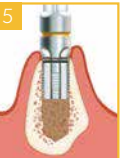
## Ball Abutment Transfer Components



Description	Item No.
Ball Abutment Transfer (Qty. 2)	BAT
Ball Abutment Replica	BAR



## Drilling Sequence - Driva Drills (Original)

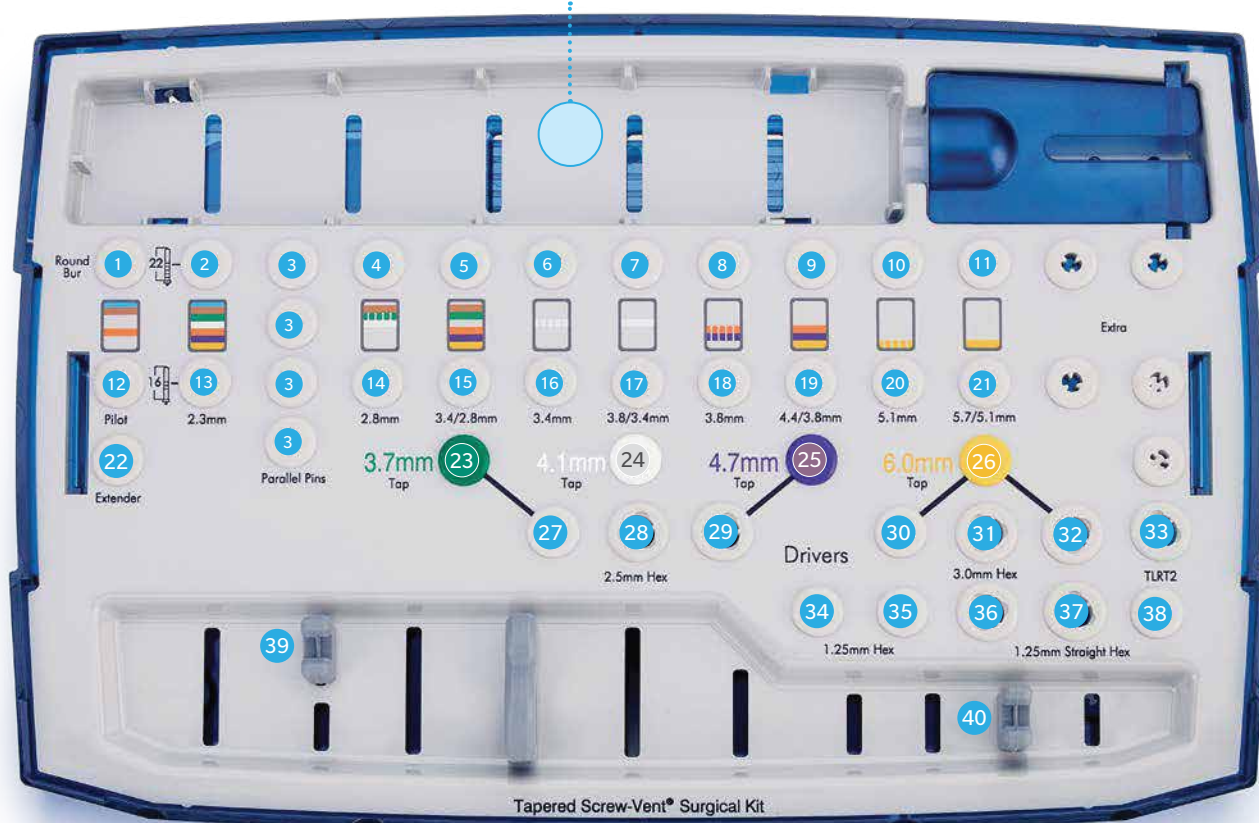
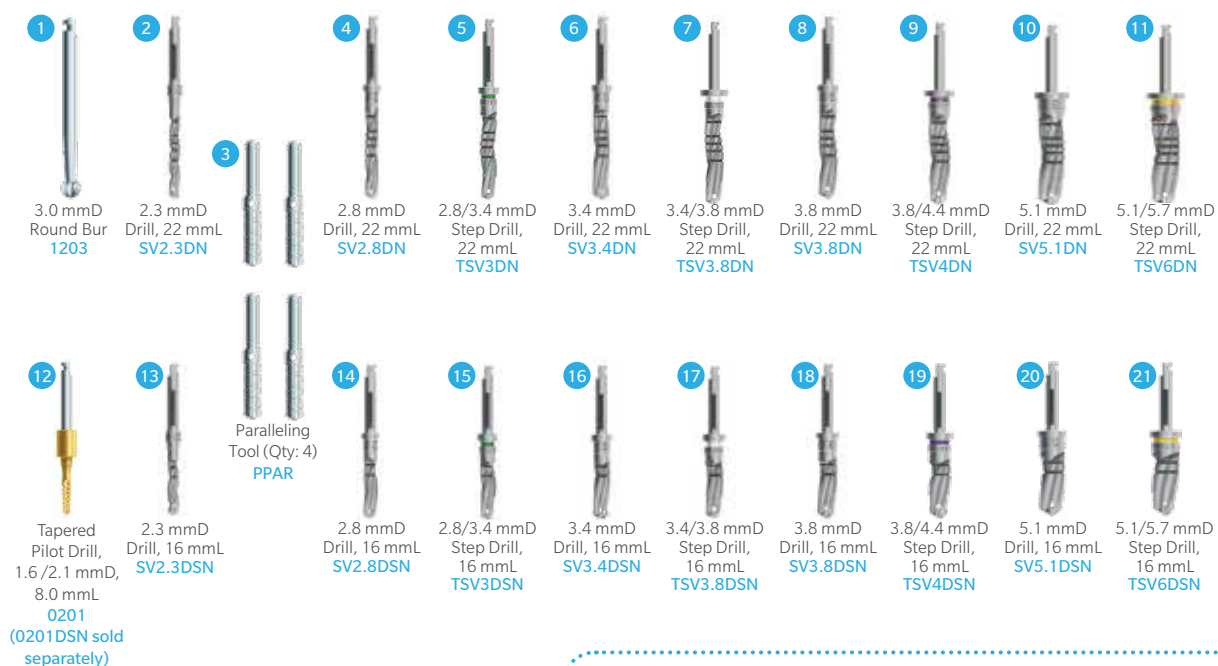
 3.7 mmD	3.7 mmD Trabecular Metal and Tapered Screw-Vent Implant (3.5 mmD Platform)				ATTENTION: Bone Tap for placement in dense bone.	
 4.1 mmD *	 <b>SV2.3DN</b> 2.3 mmD Drill	 <b>SV2.8DN</b> 2.8 mmD Drill	 <b>FOR SOFT BONE</b> <b>TSV3DN</b> 2.8/3.4 mmD Drill	 <b>OPTIONAL FOR DENSE BONE</b> <b>TT3.7</b> 3.7 mmD Cortical Bone Tap		<p>* When placing the 4.1 mmD Trabecular Metal Dental Implant in dense bone (Type D1), add an additional step utilizing the SV3.8DN/SV3.8DSN drill after TSV3.8DN/TSV3.8DSN.</p>
 4.7 mmD	 <b>SV2.3DN</b> 2.3 mmD Drill	 <b>TSV3DN</b> 2.8/3.4 mmD Drill	 <b>FOR SOFT BONE</b> <b>SV3.8DN</b> 3.8 mmD Drill	 <b>FOR DENSE BONE</b> <b>TSV4DN</b> 3.8/4.4 mmD Drill	 <b>OPTIONAL FOR DENSE BONE</b> <b>TT4.7</b> 4.7 mmD Cortical Bone Tap	
 6.0 mmD	 <b>SV2.3DN</b> 2.3 mmD Drill	 <b>TSV3DN</b> 2.8/3.4 mmD Drill	 <b>TSV4DN</b> 3.8/4.4 mmD Drill	 <b>FOR SOFT BONE</b> <b>SV5.1DN</b> 5.1 mmD Drill	 <b>FOR DENSE BONE **</b> <b>TSV6DN</b> 5.1/5.7 mmD Drill	
					 <b>OPTIONAL FOR DENSE BONE</b> <b>TT6.0</b> 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.

# TSV Surgical Kit

## Instrument Kit System Overview

Tapered Screw-Vent Surgical Kit (TSVKIT)



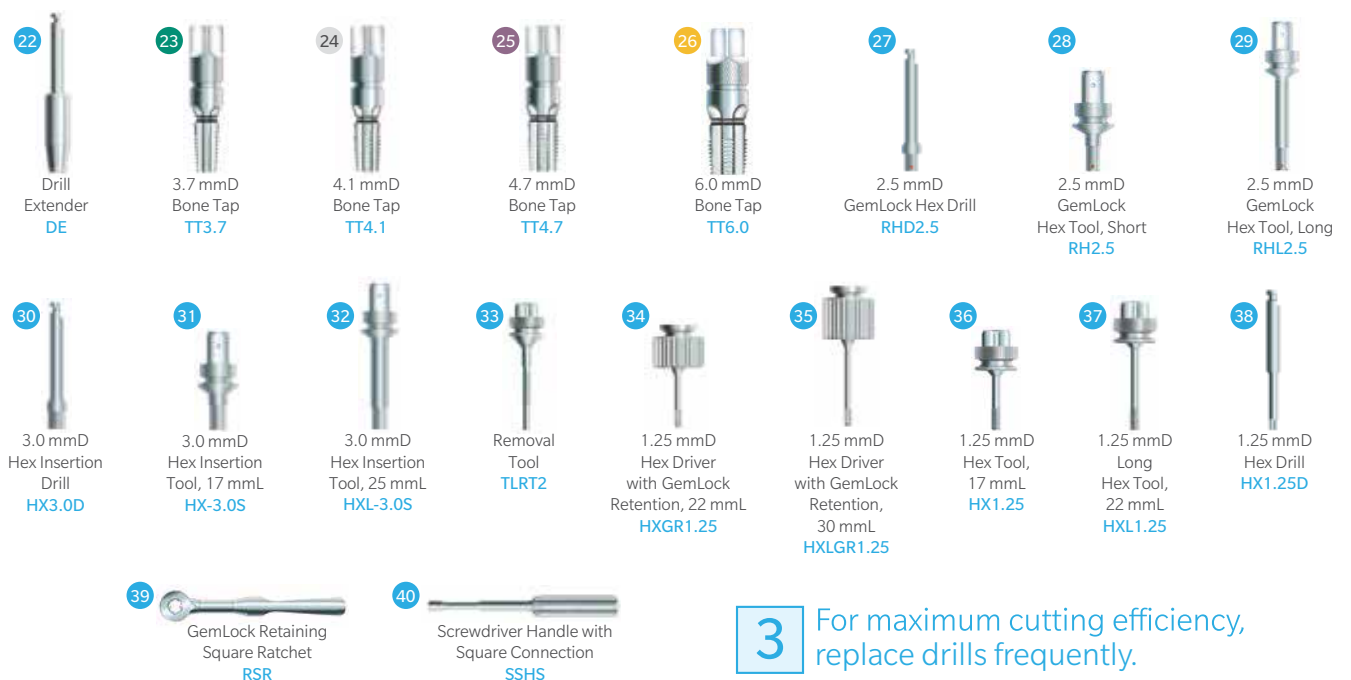


## TSV Surgical Kit

### Guided Surgery Drill Module (GSMOD)



The NP Surgical Module snaps into the Tapered Screw-Vent Surgical Kit



3

For maximum cutting efficiency, replace drills frequently.

# Tapered SwissPlus<sup>®</sup> Implant System

Versatility Above And Below The Bone



**ZIMMER BIOMET**  
Your progress. Our promise.

## Tapered SwissPlus Implant System\*

### Tapered Implants

(available lengths:  
8.0 mm, 10.0 mm,  
12.0 mm, 14.0 mm);  
includes 2 mmL cover  
screw

Ø 3.7 mm



SPMB8 SPMB10 SPMB12 SPMB14

Ø 3.7 mm



SPB8 SPB10 SPB12 SPB14

Ø 4.8 mm



SPWB8 SPWB10 SPWB12 SPWB14

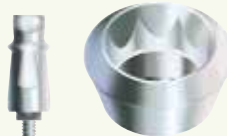
### Platforms with Fixture Mount

Ø 3.8 mm Implant Platform  
SPMB Series (Internal Hex)



FMSM supplied with implant

Ø 4.8 mm Implant Platform  
SPB & OPB Series (Internal Octagon)



FMS supplied with implant

Ø 4.8 mm Implant Platform  
SPWB & OPWB Series (Internal Octagon)



FMSW supplied with implant

### Surgical Cover Screws

Ø 3.8 mm Platform  
Ø 4.6 mm Flare



SPSC, 2 mmL • SPSCS, 3 mmL

Ø 4.8 mm Platform  
Ø 5.2 mm Flare



OPSCS, 1 mmL • OPSC, 2 mmL • OPSCS, 3 mmL

Ø 4.8 mm Platform  
Ø 6.0 mm Flare



OPWSC, 2 mmL • OPWSCS, 3 mmL

# Prosthetics

## Impression Transfer, Cement-Retained Restorations\*

### Impression-Taking

**Indirect Transfer**  
(w/ screw for Closed Tray Impressions)

Ø 3.8 mm Platform  
Ø 4.6 mm Flare



FMSM  
supplied with implant

SPMT

Ø 4.8 mm Platform  
Ø 5.2 mm Flare



FMS  
supplied with implant

OPT/5

Ø 4.8 mm Platform  
Ø 6.0 mm Flare



FMSW  
supplied with implant

OPT/6

**Direct Transfer**  
(optional procedure for Open Tray Impressions, Transfer supplied with Implant, screw sold separately)



FMSM w/ DHTS



FMS w/ WSX



FMSW w/ WSX

### Implant Replica



SPMR



OPR

### Cement-Retained Restorations

**Straight Abutment/Transfer**  
(w/screw)

Ø 3.8 mm Platform  
Ø 4.6 mm Flare



FMSM  
(supplied with implant)

Ø 4.8 mm Platform  
Ø 5.2 mm Flare



FMS  
(supplied with implant)



OPA/5

Ø 4.8 mm Implant Platform  
Ø 6.0 mm Flare



FMSW  
(supplied with implant)



OPA/6  
(supplied with implant)

**Narrow Straight Abutment**  
(w/transfer/waxing coping) and Replica  
(sold separately)



SPMA2 w/ MHLAS and SPMC  
single- & multi-unit



SPMAR  
(abutment replica)



OPA w/ OPC  
single & multi-unit



OPA2 w/ GPCAS and OPC  
single- & multi-unit



OPAR  
(abutment replica)

**°20 Angled Abutment for 6 positions**  
(w/screw)



SPH20 w/ AH20S



OPH20 w/ OPH20S

## Custom Restorations, Screw-Retained Restorations\*

### Custom Restorations: "Cast-To" and Plastic Castable Abutments w/Screw

#### Single-Unit Restorations (Gold, Engaging)

##### Ø 3.8 mm Platform



SPGA w/MHLAS and OPS  
optimal, long waxing screw: MTWSD

##### Ø 4.8 mm Platform



OPGA w/GPCAS and OPS  
optional, long waxing screw: WSX

#### Multi-Unit Restorations (Gold, Non- Engaging)

N/A



OPGC w/GPCAS and OPS

#### Multi-Unit Restorations (Plastic, Non- Engaging)

N/A



OPCC w/GPCAS

### Screw-Retained Restorations (for Ø 4.8 mm platform only)

#### Tapered Abutment Multi-Unit only (w/ healing cap)

##### Ø 4.8 mm Platform



OPACT w/TATHC  
1.6 mm



OPACT3 TATHC  
3.0 mm

#### Tapered Abutment Components



ACTIT  
Tapered  
Abutment  
Indirect  
Transfer



ACTDT  
Tapered  
Abutment  
Direct Transfer



ACTR  
Tapered  
Abutment  
Replica  
Represents  
Tapered  
Abutment  
Attached to  
Implant



ACTGC  
Tapered  
Abutment  
Gold Coping  
w/Screw  
(SCTS) and  
Sheath (OPS)



ACTP  
5.0 mm  
Plastic  
Castable  
Coping  
Includes Screw  
(SCTS)



TGC3  
3.0 mm  
Tapered  
Abutment  
Bar Gold  
Copings w/  
Screw (SCTS)



TGC5  
5.0 mm  
Tapered  
Abutment  
Bar Gold  
Copings w/  
Screw (SCTS)



TTC5  
5.0 mm  
Tapered  
Abutment  
Titanium Bar  
Coping  
w/Screw  
(SCTS)



ACTT  
Titanium  
Temporary  
Coping  
Includes Screw  
(SCTS)

# Prosthetics

## Overdenture Restorative Components\*

### Overdenture Restorations

#### Locator® Abutment

#### Ø 3.8 mm Implant Platform



#### Ø 4.8 mm Implant Platform



#### Locator Components

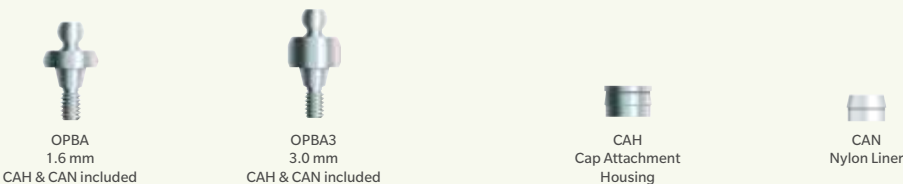
Note: Replacement Males are available. See product catalog.



### Overdenture Restorations

#### Ball Abutments w/ Cap Attachment

#### Ø 4.8 mm Implant Platform

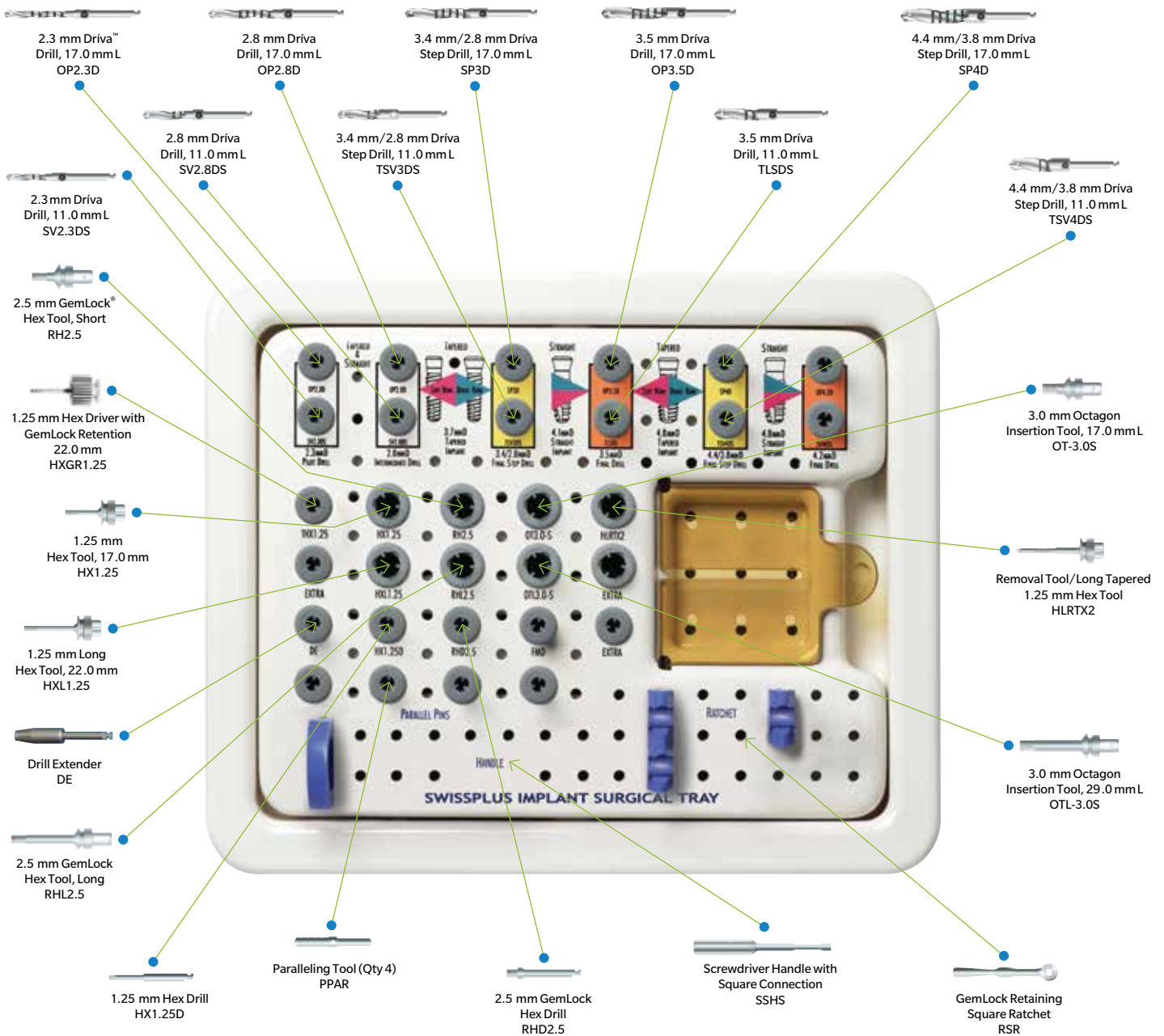


#### Ball Transfer Components

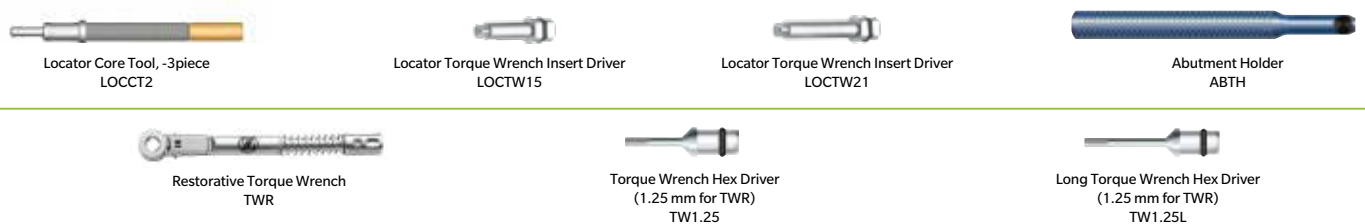




## SwissPlus Surgical Tools



## Prosthetic Tools and Torque Wrenches\*



Parts shown are representational in nature and do not display the exact geometry of the abutment.



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