2025-26 IMPLANT SYSTEM EUROPE



2025 - 26 IMPLANT SYSTEM EUROPE

003 INTRODUCTION

O12 TS SYSTEM

090 SS SYSTEM

142 MS SYSTEM

156 ORTHODONTICS SYSTEM

178 SURGICAL KIT

316 GBR &

DENTAL MATERIAL

342 DIGITAL SYSTEM

416 DENTAL EQUIPMENT

426 HIOSSEN ET SYSTEM

Chairman Message "Cutting edge technology & superior quality"

OSSTEM IMPLANT a hallmark of products with trust and satisfaction from dentists worldwide

OSSTEM IMPLANT is forever grateful to all our customers for their unwavering support and trust.

Osstem, South Korea's first implant manufacturer, has achieved steady growth thanks to the support and love from its customers.

Osstem has put a lot of effort into continuous investment in R&D and quality innovation in order to provide products that customers are looking for and satisfied with. Based on this, it has become the No. 1 implant company in Asia Pacific region and No. 3 in the world.

Moreover, it was ranked No. 1 for global implant sales from 2017 to 2023 for 7 consecutive years and became the global provider of the implants most used by the customers all around the world.

In this 2025-26 product catalog, you can see a variety of new products at a glance, including not only the implant products of Osstem's differentiated technology, but also "OneDigital" and digital product categories.

We have invested numerous efforts and time in the configuration and design of this catalog so that customers do not have any inconvenience of finding and ordering the products they need. The implants and abutments are listed to make it easy to understand the diameter, length, and functional behavior, in sequence that customers make a judgement for purchase.



The product type and code are displayed to help with accurate ordering. We have added the product thumbnail pages to view the components at a glance and detailed information pages to describe the functions of each component for enhanced user understanding. For GBR products, shape, size, and capacity of each product are described in detail for easy ordering as well. In addition, the release date and time are indicated for all products so that customers can easily distinguish new products from existing products for purchase.

In terms of design, we applied high-quality product images to aid ordering without looking at the actual product, and improved user convenience by applying representative colors to facilitate classification by product category. We hope that this 2025-26 product catalog will help you effectively find and purchase all the products you need for your dental practice. Osstem Implant will continue to strive to create greater customer value as a partner to help dentists provide better care. Thank you.

Chairman of OSSTEM IMPLANT Choi Kyoo-ok (DDS, Ph.D)

Chrillywood

OSSTEM⁶ Implant Design feature



Submerged type implant with an internal hex 11° tapered connection structure

- Connection Mini / Regular
- Effect of improved initial stability in soft bone with smaller threads in the upper section
- · Corkscrew thread & cutting edge
- Superior self-threading effect for ease of placement path adjustment
- Enhanced initial stability in soft bone and application of consistent placement torque according to the drill diameter
- Various body shape options available to match the patient's bone quality and clinical condition
- TSII (straight body) : Easy to adjust placement depth
- TSIII (1.5° tapered body) Excellent initial stability needed for immediate loading even in soft bone
- TSIV (6° tapered body) Specifically designed for use in maxillary sinus and soft bone, providing excellent initial stability
- Applicable surface types SA / SOI

Non-submerged type implant with an internal octa 8° tapered connection based on the 1st stage surgery

- Connection Regular / Wide
- Corkscrew thread & cutting edge
- Superior self-threading effect for ease of placement path adjustment
- Enhanced initial stability in soft bone and application of consistent placement torque according to the drill diameter
- Various body shape options available to match the patient's bone quality and clinical condition
- SSII (straight body): Ease of placement depth adjustment
- SSIII (1.5° tapered body): Excellent initial stability needed for immediate loading even in soft bone
- · Applicable surface types SA



Optimized surface morphology through acid-etching treatment

- · Surface roughness: Ra 2.0-3.0µm (Note: the roughness in the upper 0.5mm part is Ra 0.5-0.6µm)
- · Uniform surface micro-pits of 1-3 μ m
- · Surface area increased by 46% compared to resorbable blast media (RBM) treated implants

In-vitro and In-vivo Bone Response

- · Osteoblast differentiation and ossification improved by 20% compared to RBM-treated implants
- \cdot Initial bone response in a large animal model (mini-pig)
- Initial stability (removal torque (RT),
 4 weeks) improved by 48% compared to RBM-treated implants
- Ossification (bone implant contact (BIC), 4 weeks) improved by 20% compared to RBM-treated implants

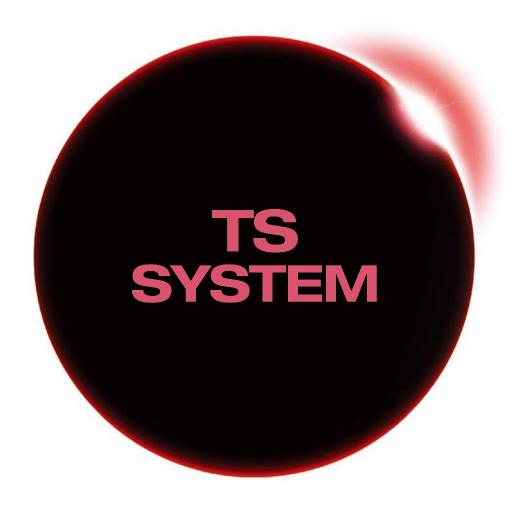
Next-generation surface with hemostatic effect and pH control feature

- · Activation of blood clot formation
- · Prevention of carbon adsorption in air
- \cdot The same surface roughness (Ra 2.0-3.0 $\mu\text{m})$ as SA surfaces
- · Superior blood wettability with super-hydrophilic surface

In-vitro and In-vivo Bone Response

- · Protein and cellular adhesion increased by 130 times compared to SA surfaces
- · Initial stability (RT, 4 weeks) improved by 57% compared to SA surfaces
- \cdot Surface with the shortest duration of treatment





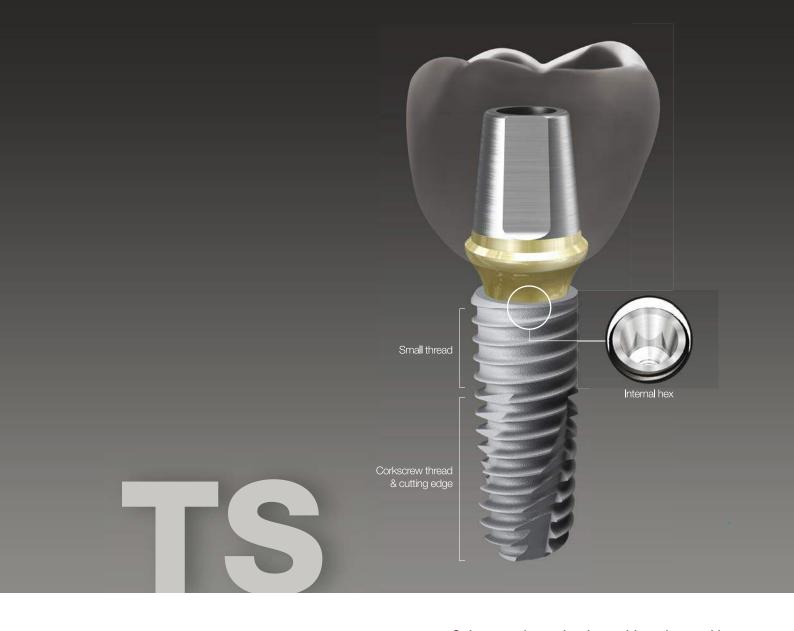
IMPLANT

- O12 TSII SA Implant
- O14 TSIII SA Implant
- O16 TSIII SOI Implant
- TSIV SA Implant
- 020 Simple Mount
- Cover Screw
- 021 0000 0000
- Healing Abutment
- Custom Healing Abutment

COMPONENTS

- PROSTHETIC FLOW DIAGRAM 1
- Rigid Abutment
- Transfer Abutment
- PROSTHETIC FLOW DIAGRAM 2
- **Q41** Angled / FreeForm ST Abutment
- GoldCast / NP-Cast Abutment
- **O48** PROSTHETIC FLOW DIAGRAM 3
- Quick Temporary Abutment
- **O51** Temporary Abutment
- PROSTHETIC FLOW DIAGRAM 4
- Multi Abutment
- Multi Angled Abutment
- PROSTHETIC FLOW DIAGRAM 5
- Convertible Abutment
- PROSTHETIC FLOW DIAGRAM 6
- Port (Angled) Abutment
- Locator® Abutment
- Stud Abutment
- OneSeal / TS Abutment Selector

TS Design & Surface Feature





TS packaging color information

Submerged type implant with an internal hex 11° tapered connection structure

- Connection Mini / Regular
- Effect of improved initial stability in soft bone with smaller threads in the upper section
- · Corkscrew thread & cutting edge
- Superior self-threading effect for ease of placement path adjustment
- Enhanced initial stability in soft bone and application of consistent placement torque according to the drill diameter
- Various body shape options available to match the patient's bone quality and clinical condition
- TSII (straight body) : Easy to adjust placement depth
- TSIII (1.5° tapered body) Excellent initial stability needed for immediate loading even in soft bone
- TSIV (6° tapered body) Specifically designed for use in maxillary sinus and soft bone, providing excellent initial stability
- Applicable surface types SA / SOI



Optimized surface morphology through acid-etching treatment

- · Surface roughness: Ra 2.0-3.0µm (Note: the roughness in the upper 0.5mm part is Ra 0.5-0.6µm)
- · Uniform surface micro-pits of 1-3 μ m
- Surface area increased by 46% compared to resorbable blast media (RBM) treated implants

In-vitro and In-vivo Bone Response

- · Osteoblast differentiation and ossification improved by 20% compared to RBM-treated implants
- \cdot Initial bone response in a large animal model (mini-pig)
- Initial stability (removal torque (RT),
 4 weeks) improved by 48% compared to RBM-treated implants
- Ossification (bone implant contact (BIC), 4 weeks) improved by 20% compared to RBM-treated implants

Next-generation surface with hemostatic effect and pH control feature

- · Activation of blood clot formation
- · Prevention of carbon adsorption in air
- \cdot The same surface roughness (Ra 2.0-3.0 $\mu\text{m})$ as SA surfaces
- · Superior blood wettability with super-hydrophilic surface

In-vitro and In-vivo Bone Response

- · Protein and cellular adhesion increased by 130 times compared to SA surfaces
- · Initial stability (RT, 4 weeks) improved by 57% compared to SA surfaces
- \cdot Surface with the shortest duration of treatment

TSII SA Implant

- Submerged type implant with an internal hex 11° tapered connection structure
- Optimal thread design for realization of optimal SA surface
- Straight body design for easy adjustment of placement depth
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Superior self-threading effect with corkscrew thread
- Recommended placement torque: ≤ 40Ncm
- * Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

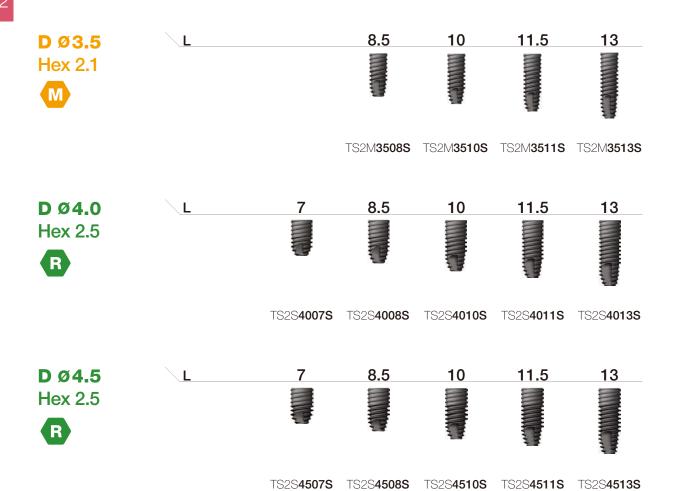
NoMount implant order code

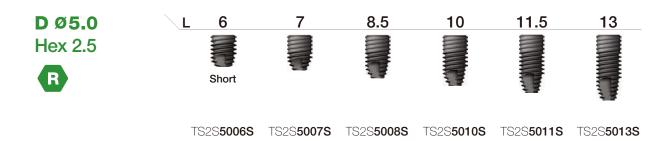
: implant product code (ex : TS2S4010S)

Pre-Mounted implant (implant + mount + cover screw) order code

: **B** + implant product code (ex : **B**TS2S4010S)







TSIII SA Implant

- Submerged type implant with an internal hex 11° tapered connection structure
- Optimal thread design for realization of optimal SA surface
- · Tapered body design for excellent initial stability
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Superior self-threading effect with corkscrew thread
- Ensuring excellent initial stability needed for immediate loading even in soft bone

Narrow

- Used in tight spaces (narrow ridge)
- Easy angle compensation in anterior region
- Compatible with existing mini abutment (not compatible with cover screws, mounts or lab analogs)

Ultra-wide

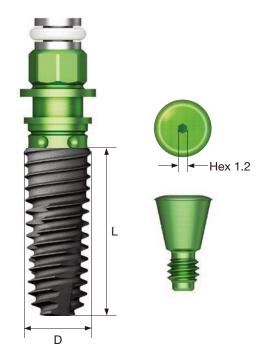
- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
- Recommended placement torque: ≤ 40Ncm
- ** Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

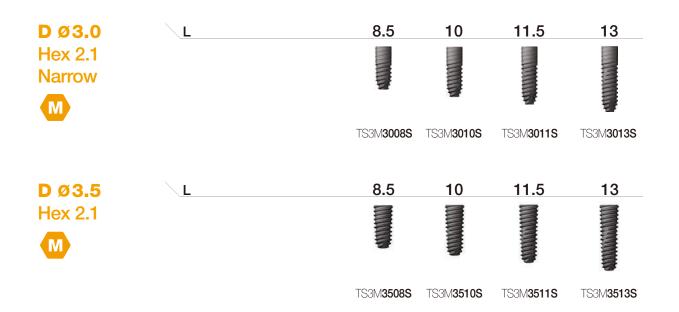


: implant product code (ex : TS3S4010S)

Pre-Mounted implant (implant + mount + cover screw) order code

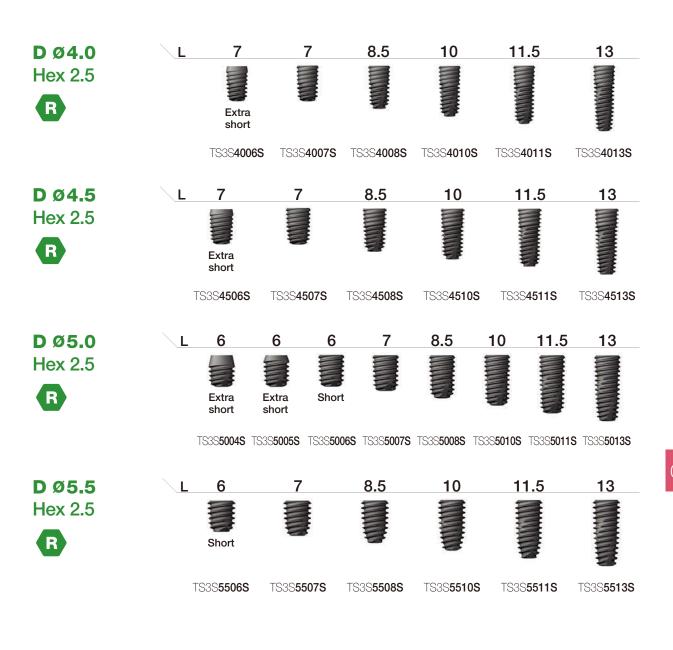
: **B** + implant product code (ex : **B**TS3S4010S)





Nominal diameter may differ from the actual diameter of the product

Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis



Ultra-Wide



TSIII SOI Implant

- Submerged type implant with an internal hex 11° tapered connection structure
- Super hydrophilic SA surface with superior blood wettability, coated with K substance (HEPES)
- Super hydrophilic surface inducing fast blood clot formation
- · Tapered body design for excellent initial stability
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- · Superior self-threading effect with corkscrew thread
- Ensuring excellent initial stability needed for immediate loading even in soft bone

Narrow

- Used in tight spaces (narrow ridge)
- Easy angle compensation in anterior region
- Compatible with existing mini abutment (not compatible with cover screws, mounts or lab analogs)

Ultra-wide

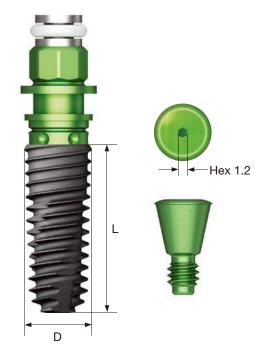
- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
- Recommended placement torque: ≤ 40Ncm
- ** Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

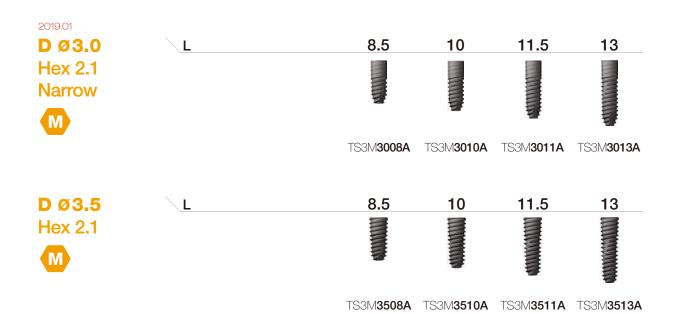
NoMount implant order code

: implant product code (ex : TS3S4010A)

Pre-Mounted implant (implant + mount + cover screw) order code

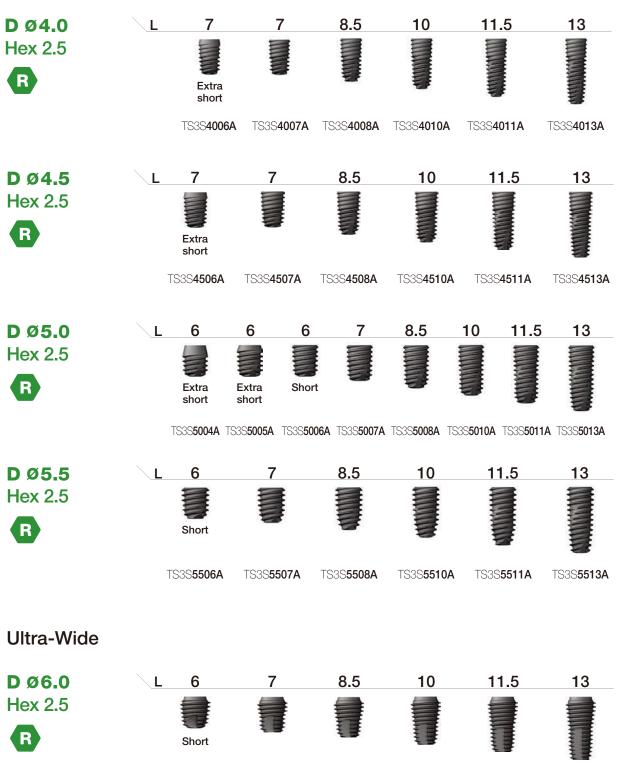
: B + implant product code (ex : BTS3S4010A)





Nominal diameter may differ from the actual diameter of the product

Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis





TSIV SA Implant

- Submerged type implant with an internal hex 11° tapered connection structure
- Optimal thread design for realization of optimal SA surface
- · Implant for maxillary sinus and soft bone
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Superior self-threading effect with corkscrew thread
- Sharp apex design allowing placement even after D4 bone Ø2.0/3.0mm drilling

Ultra-wide

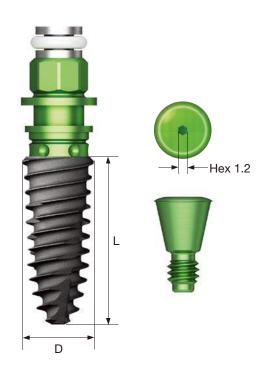
- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
- Recommended placement torque: ≤ 40Ncm
- ** Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case
- For TSIV implant, considering the fast placement speed because
 of the large thread pitch, reducing the drilling speed to 15rpm or
 lower is recommended for placement.

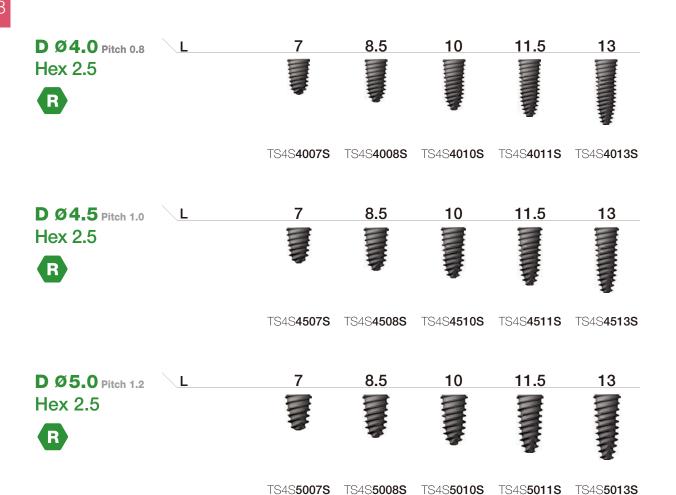
NoMount implant order code

: implant product code (ex : TS4S4010S)

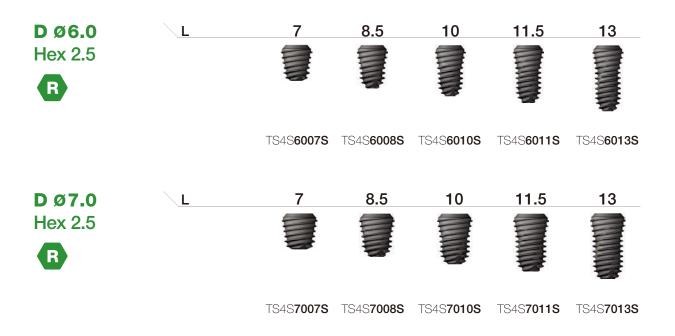
Pre-Mounted implant (implant + mount + cover screw) order code

: **B** + implant product code (ex : **B**TS4S4010S)





Ultra-wide



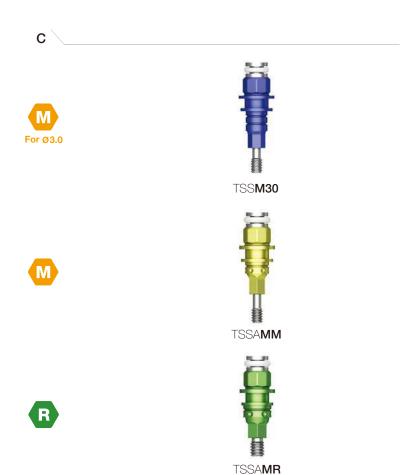
Mount & Screw

Simple Mount

- Hex driver : 1.2
- Recommended tightening torque: 8~10 Ncm
- Packing unit : mount + mount screw
- * Disposable, Do not reuse
- \cdot C = Connection







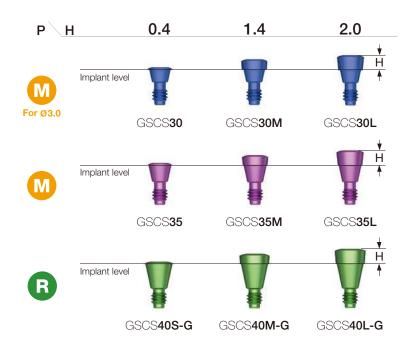
Cover Screw

- Height (H) selected according to the implant placement depth
- A dedicated cover screw should be used for Ø3.0 implant
- Hand tightened with a 1.2 hex driver
- P = Platform









Healing Abutment

- Mini (yellow) type used for implants of Ø3.5 or smaller
- Hand tightened with a 1.2 hex driver



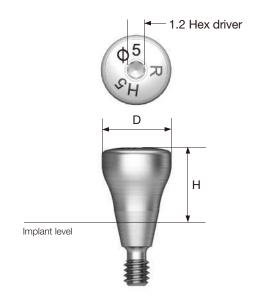
Mini

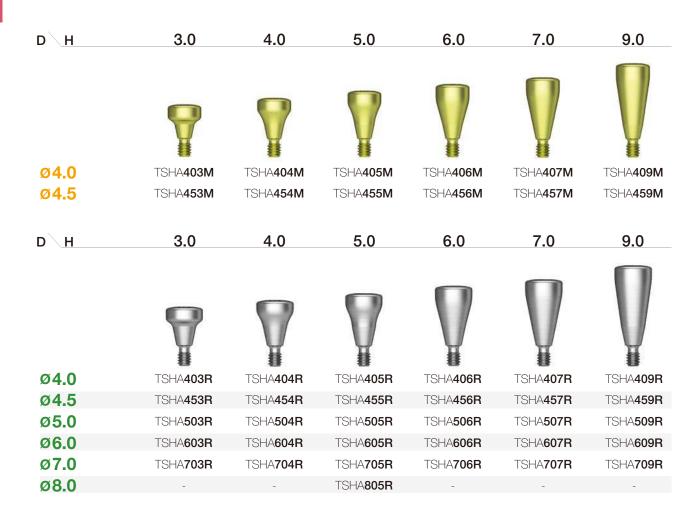


Regular

Matching table

Healing abutment	Н	3.0	4.0	5.0	7.0
Abutment	G/H	1.0	2.0 or 3.0	3.0 or 4.0	5.0 and above
Impression coping	Туре	Short	Short	Long	Long





Custom Healing Abutment

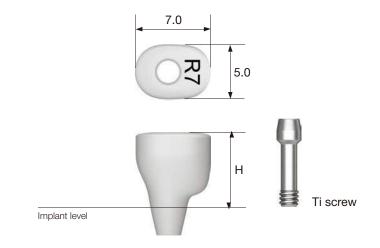
- · Used when healing abutment in the shape of a tooth is required
- · Used by removing or with resin attached
- Material: medical PEEK
- A dedicated titanium screw is used
- Hand tightened with a 1.2 hex driver
- Packing unit : abutment + Ti screw
- P = Platform

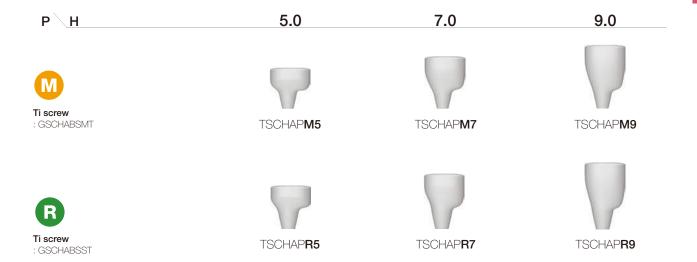
Abutment + Ti screw order code

: product code + TH (ex : TSCHAPR7TH)









012p



TSIII SA/SOI

014/016p

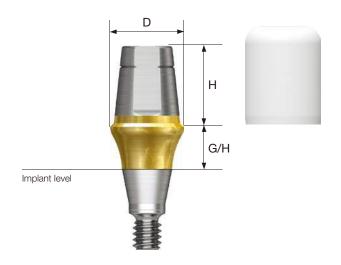
018p

Rigid Abutment

- Abutment for producing cement-retained prosthesis
- Abutment level impression
- Ø4.0 : tightened with an outer driver (code : ORDML / ORDMS)
- Ø4.5/5.0/6.0 : tightened with an outer driver or a 1.2 hex driver
- Ø7.0 : tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + protect cap

Abutment + protect cap order code

: product code + \mathbf{P} (ex : GSRA5620 \mathbf{P})



D Ø4.0



H G/H	1.0	2.0	3.0	4.0	5.0
	M	M	M	M	M
4.0	GSRA 4410	GSRA 4420	GSRA 4430	GSRA 4440	GSRA 4450
5.5	GSRA 4610	GSRA 4620	GSRA 4630	GSRA 4640	GSRA 4650
7.0	GSRA 4710	GSRA 4720	GSRA 4730	GSRA 4740	GSRA 4750

D Ø4.5





Rigid Abutment

7.0

GSRA**6710**

GSRA**6720**

GSRA**6730**

GSRA**6740**

GSRA**6750**

D Ø4.0	H <u>G/H</u>	1.0	2.0	3.0	4.0	5.0
R		R	R	R	R	R
	4.0	GSRAS 4410	GSRAS 4420	GSRAS 4430	GSRAS 4440	GSRAS 4450
	5.5	GSRAS 4610	GSRAS 4620	GSRAS 4630	GSRAS 4640	GSRAS 4650
	7.0	GSRAS 4710	GSRAS 4720	GSRAS 4730	GSRAS 4740	GSRAS 4750
D Ø4.5	H <u>G/H</u>	1.0	2.0	3.0	4.0	5.0
R		R	R	R	R	R
	4.0	GSRAS 4411	GSRAS 4421	GSRAS 4431	GSRAS 4441	GSRAS 4451
	5.5	GSRAS 4611	GSRAS 4621	GSRAS 4631	GSRAS 4641	GSRAS 4651
	7.0	GSRAS 4711	GSRAS 4721	GSRAS 4731	GSRAS 4741	GSRAS 4751
D Ø5.0	H G/H	1.0	2.0	3.0	4.0	5.0
D Ø 5.0	H <u>G/H</u>	1.0	2.0	3.0	4.0	5.0
	H <u>G/H</u>	1.0 GSRA 5410	2.0 GSRA5420	3.0 GSRA5430	4.0 GSRA5440	5.0 GSRA5450
	4.0	GSRA 5410	GSRA 5420	GSRA 5430	GSRA 5440	GSRA 5450
	4.0 5.5	GSRA 5410 GSRA 5610	GSRA 5420 GSRA 5620	GSRA 5430 GSRA 5630	GSRA 5440 GSRA 5640	GSRA 5450 GSRA 5650
R	4.0 5.5 7.0 H G/H	GSRA5410 GSRA5610 GSRA5710	GSRA5420 GSRA5620 GSRA5720	GSRA5430 GSRA5630 GSRA5730	GSRA5440 GSRA5640 GSRA5740 4.0	GSRA5450 GSRA5650 GSRA5750
D Ø 6.0	4.0 5.5 7.0	GSRA5410 GSRA5610 GSRA5710	GSRA 5420 GSRA 5620 GSRA 5720	GSRA 5430 GSRA 5630 GSRA 5730	GSRA 5440 GSRA 5640 GSRA 5740	GSRA 5450 GSRA 5650 GSRA 5750

D Ø 7.0 H G/H 1.0 2.0 3.0 4.0 5.0

R

5.5 GSRA7610 GSRA7620 GSRA7630 GSRA7640 GSRA7650

Rigid Abutment Components

Rigid Protect Cap

- Used for Rigid Abutment protection and reducing patient discomfort
- Used as a temporary crown base
- Used for transfer abutment (except Ø4.0)





D\H	4.0	5.5	7.0
			in the second
Ø4.0/Ø4.0	GSRPC 440	GSRPC 460	GSRPC470
Ø 4.5/Ø 4.5	GSRPC 441	GSRPC 461	GSRPC 471
Ø 5.0	GSRPC 540	GSRPC 560	GSRPC 570
Ø 6.0	GSRPC 640	GSRPC 660	GSRPC 670
ø 7.0	-	GSRPC 760	-

Rigid Retraction Cap

- Used for accurate margin reproduction by pushing away the surrounding gingiva when taking a direct impression of Rigid Abutment
- Used as a temporary crown base
- Used for transfer abutment (except Ø4.0)



Mini



Regular

D H	4.0	5.5	7.0
ø4.0/ø4.0	GSRRC 440	GSRRC 460	GSRRC 470
Ø 4.5/Ø 4.5	GSRRC 441	GSRRC 461	GSRRC 471
Ø 5.0	GSRRC 540	GSRRC 560	GSRRC 570
Ø 6.0	GSRRC 640	GSRRC 660	GSRRC 670
Ø 7.0	=	GSRRC 760	=

Rigid Impression Coping

- Components for Rigid Abutment impression
- Enabling the fabrication of elaborate prosthesis using lab analog
- Used by selecting the color matching the abutment height
- Used for transfer abutment (except Ø4.0)



Mini



Regular



Rigid Burn-out Cylinder

- Replacement of resin cap prior to fabrication of wax-up using Rigid Abutment
- Enabling the fabrication of elaborate prosthesis with uniform interior
- Used after removing the tightening connection of the lower margin after casting





D Type	Single	Bridge	
Ø4.0/Ø4.0	GSRP 400S	GSRP 400B	
Ø 4.5/Ø 4.5	GSRP 450S	GSRP 450B	
Ø 5.0	GSRP 500S	GSRP 500B	
Ø 6.0	GSRP 600S	GSRP 600B	
Ø 7.0	GSRP 700S	GSRP 700B	

Rigid Lab Analog

- Rigid abutment reproduction on model after impression taking
- Used by connecting to the appropriate color coded rigid impression coping



Mini



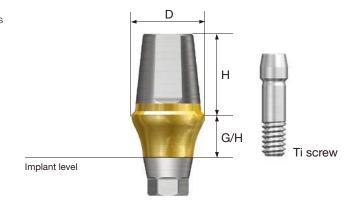
D H	4.0	5.5	7.0
		H	
Ø 4.0/Ø 4.0	GSRLA 440	GSRLA 460	GSRLA 470
Ø 4.5/Ø 4.5	GSRLA 441	GSRLA 461	GSRLA 471
Ø 5.0	GSRLA 540	GSRLA 560	GSRLA 570
Ø 6.0	GSRLA 640	GSRLA 660	GSRLA 670
Ø 7.0	=	GSRLA 760	=

Transfer Abutment

- Abutment for producing cement-retained/combination prosthesis
- Implant level impression
- Abutment level impression possible by rigid impression coping (except Ø 4.0)
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + Ti screw



Abutment + Ti screw order code : product code + TH (ex : GSTA4621TH)



D Ø4.0
M
Ti screw : GSABSMT
Abutment level impression not available





D Ø4.5		H G/H	1.0	2.0	3.0	4.0
Ti screw : GSABSMT		SIII	Ц			
	Hex	5.5 7.0	GSTA 4611 GSTA 4711	GSTA 4621 GSTA 4721	GSTA 4631 GSTA 4731	GSTA 4641 GSTA 4741
	Non-Hex	5.5 7.0	GSTA 4611N GSTA 4711N	GSTA 4621N GSTA 4721N	GSTA 4631N GSTA 4731N	GSTA 4641N GSTA 4741N
		H G/H	5.0	6.0	7.0	
			II.			
	Hex	5.5 7.0	GSTA 4651 GSTA 4751	GSTA 4661 GSTA 4761	GSTA 4671 GSTA 4771	
	Non-Hex	5.5 7.0	GSTA 4651N GSTA 4751N	GSTA 4661N GSTA 4761N	GSTA 4671N GSTA 4771N	
D Ø4.5		H <u>G/H</u>	1.0	2.0	3.0	4.0
D Ø 4.5 R Ti screw : GSABSMT		H <u>G/H</u>	1.0	2.0	3.0	4.0
R Ti screw	Hex	5.5	GSTAS4611	GSTAS 4621	GSTAS 4631	GSTAS 4641
R Ti screw	Hex Non-Hex	5.5 7.0 5.5				
R Ti screw		5.5 7.0 5.5	GSTAS4611 GSTAS4711 GSTAS4611N	GSTAS4621 GSTAS4721 GSTAS4621N	GSTAS4631 GSTAS4731 GSTAS4631N	GSTAS4641 GSTAS4741 GSTAS4641N
R Ti screw		5.5 7.0 5.5 7.0	GSTAS4611 GSTAS4711 GSTAS4611N GSTAS4711N	GSTAS4621 GSTAS4721 GSTAS4621N GSTAS4721N 6.0	GSTAS4631 GSTAS4731 GSTAS4631N GSTAS4731N	GSTAS4641 GSTAS4741 GSTAS4641N
R Ti screw		5.5 7.0 5.5 7.0	GSTAS4611 GSTAS4711 GSTAS4611N GSTAS4711N	GSTAS4621 GSTAS4721 GSTAS4621N GSTAS4721N	GSTAS4631 GSTAS4731 GSTAS4631N GSTAS4731N	GSTAS4641 GSTAS4741 GSTAS4641N

Transfer Abutment

4.0

7.0

Non-Hex 5.5

D Ø5.0		H G/H	1.0	2.0	3.0	
Ti screw : GSABSMT						
		4.0	GSTA 5410	GSTA 5420	GSTA 5430	
	Hex	5.5	GSTA 5610	GSTA 5620	GSTA 5630	
		7.0	GSTA 5710	GSTA 5720	GSTA 5730	

GSTA5410N

GSTA5610N

GSTA**5710N**

	H G/H	5.0	6.0	7.0
	4.0	GSTA 5450	GSTA 5460	GSTA 5470
Hex	5.5	GSTA 5650	GSTA 5660	GSTA 5670
	7.0	GSTA 5750	GSTA 5760	GSTA 5770
	4.0	GSTA 5450N	GSTA 5460N	GSTA 5470N
Non-Hex	5.5	GSTA 5650N	GSTA 5660N	GSTA 5670N
	7.0	GSTA 5750N	GSTA 5760N	GSTA 5770N

GSTA5420N

GSTA**5620N**

GSTA5720N

4.0

GSTA**5440**GSTA**5640**GSTA**5740**

GSTA**5440N**

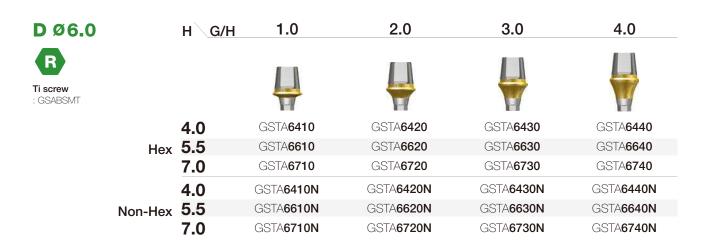
GSTA**5640N**

GSTA**5740N**

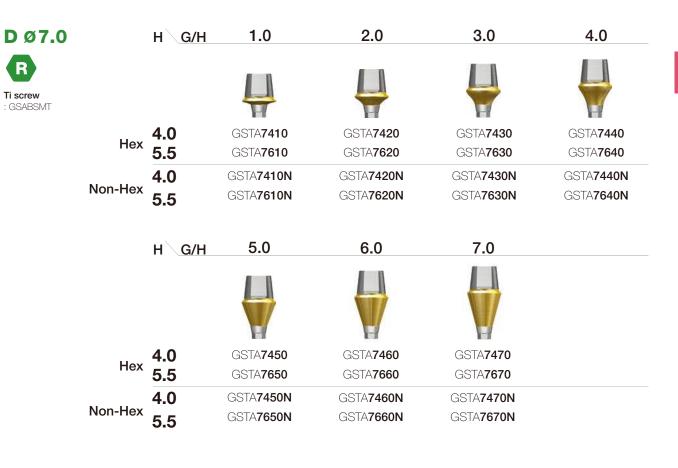
GSTA**5430N**

GSTA5630N

GSTA5730N



D Ø6.0		H G/H	5.0	6.0	7.0
Ti screw : GSABSMT					
		4.0	GSTA 6450	GSTA 6460	GSTA 6470
	Hex	5.5	GSTA 6650	GSTA 6660	GSTA 6670
		7.0	GSTA 6750	GSTA 6760	GSTA 6770
		4.0	GSTA 6450N	GSTA 6460N	GSTA 6470N
N	Non-Hex	5.5	GSTA 6650N	GSTA 6660N	GSTA 6670N
		7.0	GSTA 6750N	GSTA 6760N	GSTA 6770N



Transfer Abutment Components

Bite Impression Coping

- Components for implant level impression taking
- Bite registration and impression taking can be performed simultaneously
- The same basic usage as transfer impression coping
- · Hand tightened with bite impression coping driver
- Hex screw type tightened with a 1.2 hex driver and friction screw type tightened with bite impression coping driver bite impression coping driver





Hex Screw Type

D\	Н	G/H 2.0	3.0	4.0	5.0	NEW 2025 6.0
	4.0	GSBICM 4420H	GSBICM 4430H	GSBICM 4440H	GSBICM 4450H	GSBICM 4460H
Ø 4.0	5.0	GSBICM 4520H	GSBICM 4530H	GSBICM 4540H	GSBICM 4550H	GSBICM 4560H
	6.0	GSBICM 4620H	GSBICM 4630H	GSBICM 4640H	GSBICM 4650H	GSBICM 4660H
	4.0	GSBICM 4421H	GSBICM 4431H	GSBICM 4441H	GSBICM 4451H	GSBICM 4461H
Ø 4.5	5.0	GSBICM 4521H	GSBICM 4531H	GSBICM 4541H	GSBICM 4551H	GSBICM 4561H
	6.0	GSBICM 4621H	GSBICM4631H	GSBICM 4641H	GSBICM 4651H	GSBICM 4661H
	4.0	GSBICR 4421H	GSBICR 4431H	GSBICR 4441H	GSBICR 4451H	GSBICR 4461H
Ø 4.5	5.0	GSBICR 4521H	GSBICR 4531H	GSBICR 4541H	GSBICR 4551H	GSBICR 4561H
	6.0	GSBICR 4621H	GSBICR 4631H	GSBICR 4641H	GSBICR 4651H	GSBICR4661H
	4.0	GSBICR 5420H	GSBICR 5430H	GSBICR 5440H	GSBICR 5450H	GSBICR 5460H
Ø 5.0	5.0	GSBICR 5520H	GSBICR 5530H	GSBICR 5540H	GSBICR 5550H	GSBICR 5560H
	6.0	GSBICR 5620H	GSBICR 5630H	GSBICR 5640H	GSBICR 5650H	GSBICR 5660H

Bite Impression Coping Driver

Hex Screw Type

- Used for tightening and loosening of bite impression coping
- A driver for hex screw type







Bite Index

- Assembled to the implant for check bite impression
- Hand tightened with a 1.2 hex driver
- Packing unit : 2ea



Mini





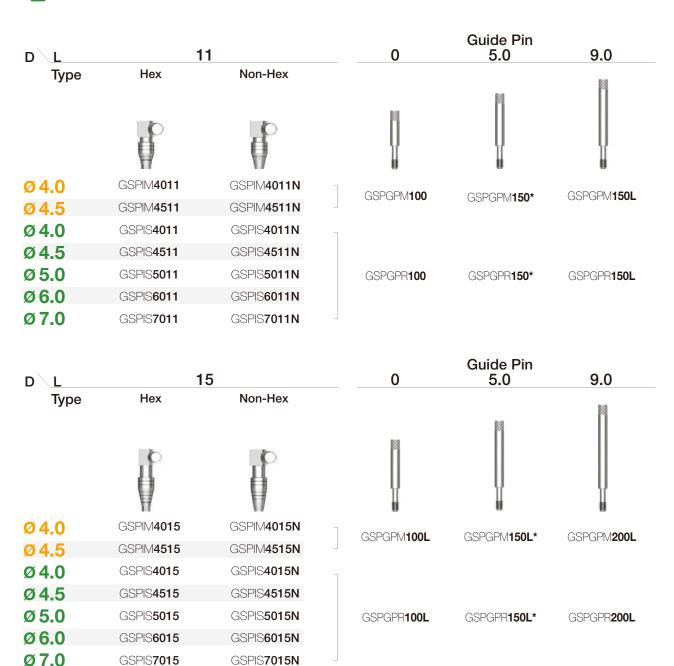
Transfer Abutment Components

Implant Pick-up Impression Coping

- Components for implant level impression taking
- · Using open tray
- Unique design stably fixed within the impression body
- Hand tightened with a 1.2 hex driver
- Packing unit : impression coping body + guide pin(*)







Implant Transfer Impression Coping

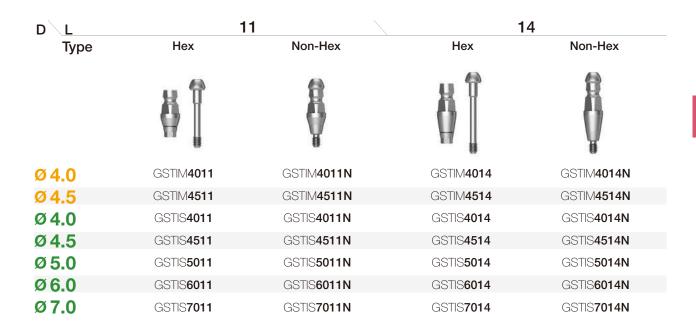
- · Components for implant level impression taking
- Using closed tray
- Triangular arc structure for stable fastening and accurate repositioning
- Hand tightened with a 1.2 hex driver
- Packing unit
- Hex : impression coping body + guide pin
- Non-hex : impression coping



Mini (Yellow)



Regular (Green)



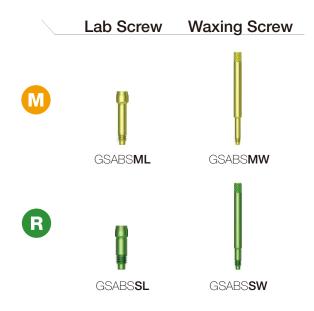
Transfer Abutment Components

Laboratory Screw

- Lab screw : Abutment screw for lab side work
- Waxing screw : Screw with the screw hole extended upward for making screw-type prostheses and transfer jigs
- Packing unit : lab screw + waxing screw







Implant Lab Analog

- Lab analog for implant level impression
- Selected according to the diameter of an implant: Ø3.0/3.5/4.0 or greater







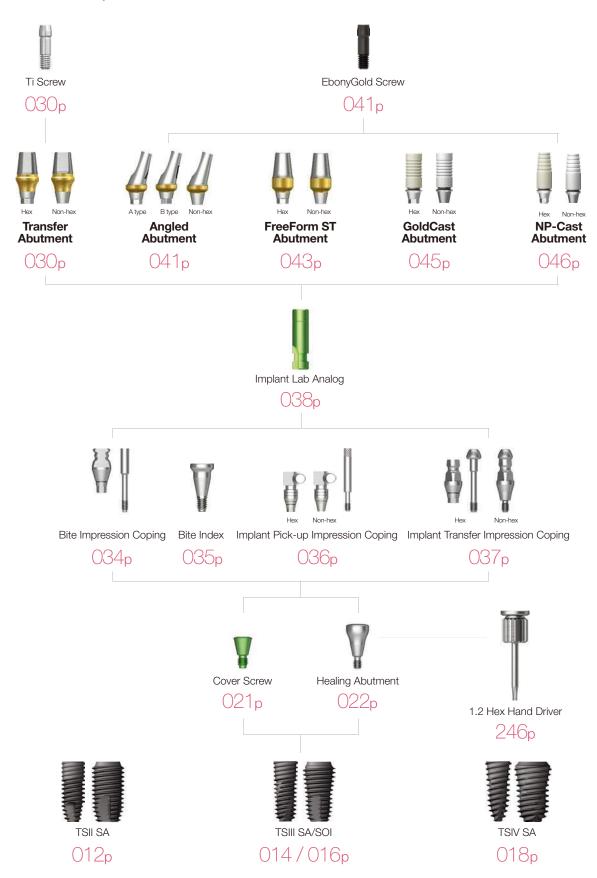






Transfer / Angled / FreeForm ST / GoldCast / NP-Cast

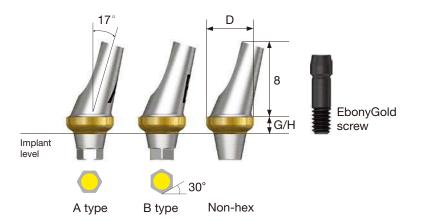
Implant Level Impression



Angled Abutment

- Abutment for producing cement-retained/ combination prosthesis
- Implant placement angle compensated up to 23° without removal
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + EbonyGold screw

Abutment + EbonyGold screw order code : product code + WH (ex : GSAA5020AWH)







Angled Abutment







FreeForm ST Abutment

- Abutment for producing cement-retained/combination prosthesis
- Used for adjusting the shape of the abutment margin
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + EbonyGold screw

Abutment + EbonyGold screw order code

: product code + WH (ex : GSFA5015WH)











FreeForm ST Abutment





EbonyGold screw : GSABSS







EbonyGold screw



GSFA**5015**



GSFA5015N



GSFA**5030**

Non-Hex

3.0



GSFA5030N

: GSABSS

D Ø6.0



EbonyGold screw

G/H 1.5 Type Hex



GSFA**6015**



GSFA6015N





GSFA**6030**



GSFA6030N

D Ø 7.0



EbonyGold screw



GSFA**7015**



GSFA7015N



3.0



GSFA**7030**

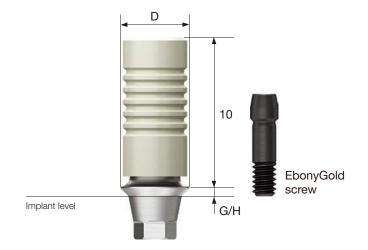


GSFA7030N

GoldCast Abutment

- Abutment for producing cement-retained/combination/ screw-retained prosthesis
- Used for fabrication of customized prosthesis by casting with gold alloys
- Abutment melting temperature : 1,400~1,450°C
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + EbonyGold screw

Abutment + EbonyGold screw order code : product code + WH (ex : GSGA4510SWH)







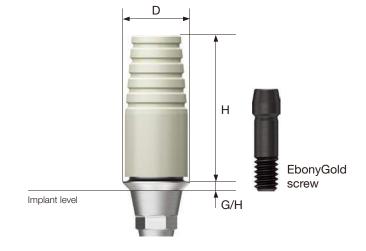




NP-Cast Abutment

- Abutment for producing cement-retained/combination/ screw-retained prosthesis
- Used for fabrication of customized prosthesis by casting with nonprecious metal alloys
- Abutment melting temperature : 1,400~1,550℃
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + EbonyGold screw

Abutment + EbonyGold screw order code : product code + WH (ex : GSNA4510SWH)













Temporary / Quick Temporary

Implant Level Impression

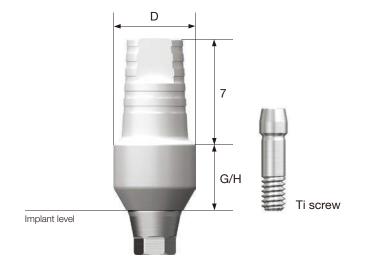


Quick Temporary Abutment

- Abutment for producing cement-retained / screw-retained temporary prosthesis
- Used for producing temporary prosthesis for immediate loading
- Used by removing or with resin attached
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm(mini/regular)
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code

: product code + TH (ex : TSQTA5550TH)



2015.03





Ti screw : GSABSMT







Quick Temporary Abutment







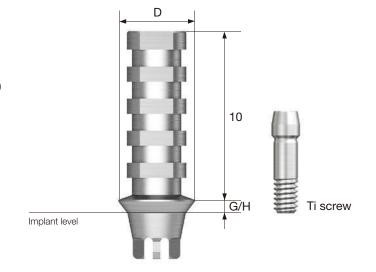


Temporary Abutment

- Abutment for producing cement-retained/screw-retained temporary prosthesis
- Used for producing temporary prosthesis by removing (Ti Gr-3)
- Enables temporary fixation to the implant without screws by adding the hex holding structure
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm(mini/regular)
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code

: product code + TH (ex : GSTTA4510TH)





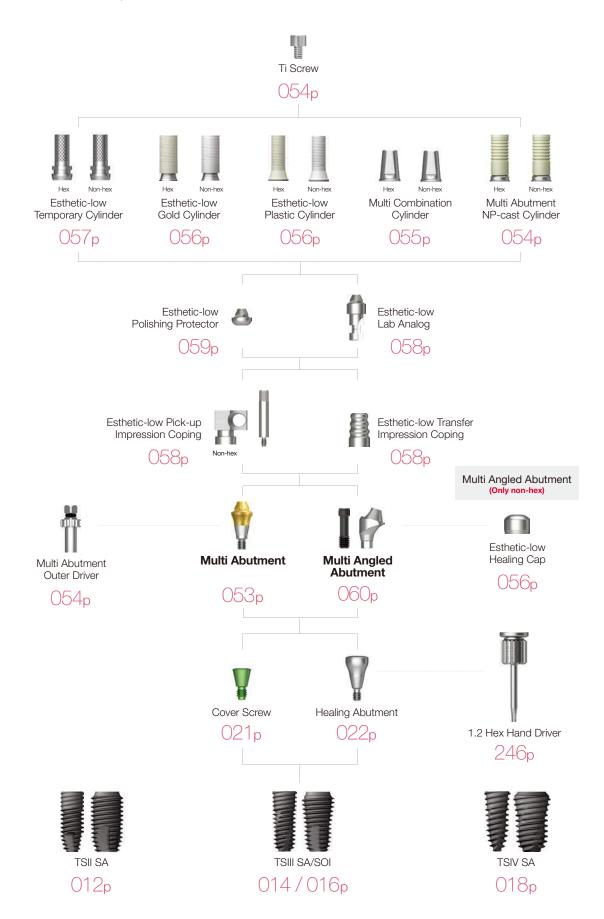
: GSABSMT







Abutment Level Impression

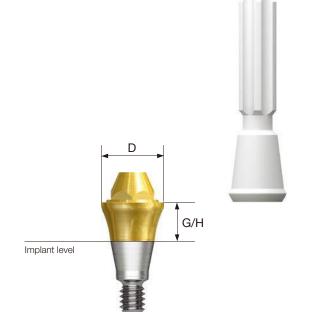


Multi Abutment

- Used for producing screw-retained prosthesis in multiple case
- \bullet The same platform as the multi angled abutment
- Producing prosthesis with esthetic-low cylinder (regular/non-hex)
- Tightened with a dedicated outer driver (code : MAOD)
- Recommended tightening torque: 30Ncm(mini/regular)
- Packing unit : abutment + carrier

Abutment + carrier order code

: product code + P (ex : TSMA5030P)







Multi Abutment Components

Multi Abutment Outer Driver

· A dedicated torque river for multi abutment





Multi Abutment Machine Driver

• A dedicated machine river for multi abutment





Multi Abutment NP-Cast Cylinder

- \bullet Used for producing screw-retained prosthesis in multi abutment
- Used for fabrication of customized prosthesis by casting with nonprecious metal alloys
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + Ti cylinder screw
- Multi angled abutment can be used (Non-Hex)

Abutment + Ti Screw order Code

: product code + TH (ex : TSMN500TH)



Ti screw : MTS200



D Type



Non-Hex

OYOLEM

UUU

Multi Combination Cylinder

• Used for producing combination prosthesis in multi abutment

Hex

TSMC**500**

D Type

Non-Hex

TSMC**500N**

- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + Ti cylinder screw
- Multi angled abutment can be used (Non-Hex)

Abutment + Ti screw order Code

: product code + TH (ex : TSMC500TH)





Ti screw : MTS200

S

Multi (Angled) Abutment Components

Esthetic-low Healing Cap

- · Protect cap for Multi (Angled) abutment
- · Hand tightened with a 1.2 hex driver



Min



D H 6.0 MHCR100

Esthetic-low Gold Cylinder

- Used for fabrication of screw-retained prosthesis in Multi (Angled) abutment
- Used for fabrication of customized prosthesis by casting with gold alloys
- Cylinder melting temperature: 1,400~1,450℃
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Cylinder + Ti screw order code

: product code + TH (ex : MGR200TH)



Mir Mir



Ti screw :MTS200 Hex Non-Hex 12 12 MGR200 MGR100

Esthetic-low Plastic Cylinder

- Used for fabrication of screw-retained prosthesis in Multi (Angled) abutment
- Used for fabrication of customized prosthesis by casting with nonprecious metal alloys
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Cylinder + Ti screw order code

: Product code + TH (ex : MEPR200TH)



Mini





Esthetic-low Temporary Cylinder

Standard Type

- Used for fabrication of temporary prosthesis in Multi (Angled) abutment (Ti Gr-3)
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Cylinder + Ti screw order code

: product code + TH (ex : MTR200TH)





Narrow Type

- Used for fabrication of temporary prosthesis in Multi (Angled) abutment (Ti Gr-3)
- Suitable for overdenture with a thinner diameter compared to the standard type
- Tightened with a 1.2 hex driver
- Recommended tightening torque : 20Ncm
- Packing unit : cylinder + Ti cylinder screw

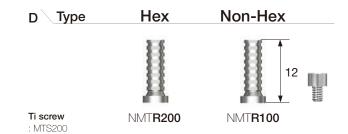
Cylinder + Ti screw order code

: product code + TH (ex : NMTR200TH)



R Regular





Multi (Angled) Abutment Components

Esthetic-low Pick-up Impression Coping

- · Components for implant level impression taking
- Pick up impression coping for Multi (Angled) abutment
- Hand tightened with a 1.2 hex driver
- Packing unit : impression coping body + guide pin(*)







D

Esthetic-low Transfer Impression Coping

- Transfer impression coping for Multi (Angled) abutment
- · Hand tightened









MTTR100

MERR300

Esthetic-low Lab Analog

- Lab analog for Multi (Angled) abutment
- · Hand tightened with a 1.2 hex driver







TS SYSTEM 059

Esthetic-low Polishing Protector

- Protecting the joint in the polishing procedure after producing a prosthesis using esthetic GoldCast/plastic cylinder
- Hand tightened with a 1.2 hex driver







D

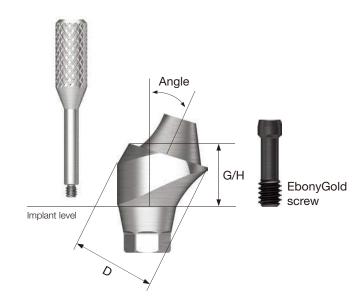
MPCR100

Multi Angled Abutment

- Used for producing screw-retained prosthesis in multiple case
- The same platform as the multi abutment
- Implant placement angle compensated up to 108°
- Producing prosthesis with US esthetic-low cylinder (regular/non-hex)
- Using dedicated abutment screws
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + EbonyGold screw

Abutment + EbonyGold screw + Carrier order code

: product code + WH (ex : GS17MAS4840WH)



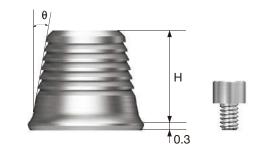


TS Multi Ti Base

- Used for producing combination prosthesis in TS multi abutment
- Used in connection with TS multi scan body
- Abutment level impression
- Non-hex type only
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : Ti base + Ti base screw

Ti base + Ti screw order Code

: product code + TH (ex : TSMTB405GTH)





TS Multi Scan Body

- \bullet Used by connecting to the TS multi abutment for oral scanning
- Used for non-hex type
- Hand tightened with a 1.2 hex driver

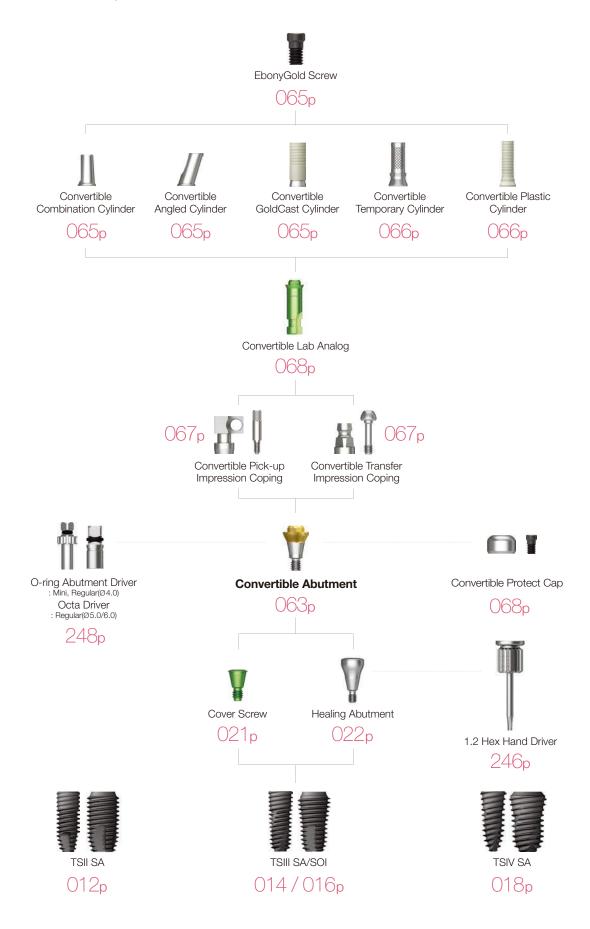


TSMSBC

PROSTHETIC FLOW DIAGRAM 5

Convertible

Abutment Level Impression

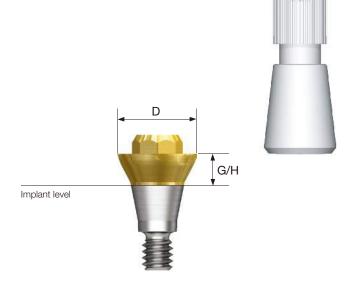


Convertible Abutment

- Used for producing combination/screw–retained prosthesis in multiple case
- \bullet Implant placement angle compensated up to 60°
- Tightened with a dedicated outer driver
- Ø 4.0: o-ring abutment driver (code: AORD)
- Ø 5.0/6.0: octa abutment driver (code: ODSL/ODSS)
- Recommended tightening torque: 30Ncm(mini/regular)
- Packing unit : abutment + carrier

Abutment + carrier order code

: product code + P (ex : GSCA5030P)







Convertible Abutment









Convertible Abutment Components

Convertible Combination Cylinder

- · Used for producing combination prosthesis in convertible abutment
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + EbonyGold cylinder screw

Abutment + EbonyGold screw order code : product code + WH (ex : GSCC5070TWH)







Convertible Angled Cylinder

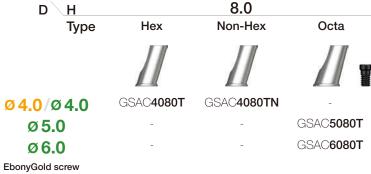
- · Used for producing combination prosthesis in convertible abutment
- Prosthetic path can be adjusted up to 17°
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + EbonyGold cylinder screw

Abutment + EbonyGold screw order code : product code + WH (ex : GSAC5080TWH)



Ø 5.0 Ø 6.0 EbonyGold screw : GSFSM (Ø 4.0 / Ø 4.0) : GSFSR (Ø 5.0 / Ø 6.0)

: GSFSM (Ø 4.0 / Ø 4.0) : GSFSR (Ø 5.0 / Ø 6.0)



Convertible GoldCast Cylinder

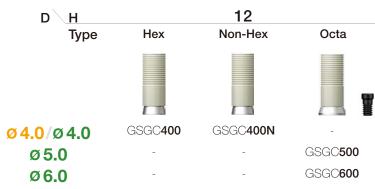
- Used for producing screw-retained prosthesis in convertible abutment
- · Used for fabrication of customized prosthesis by casting with gold alloys
- Cylinder melting temperature: 1,400~1,450°C
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + EbonyGold cylinder screw

Abutment + EbonyGold screw order code

: product code + WH (ex : GSGC500WH)







EbonyGold screw : GSFSM (Ø 4.0 / Ø 4.0) : GSFSR (Ø 5.0 / Ø 6.0)

Convertible Abutment Components

: GSFSRT (Ø 5.0 / Ø 6.0)

: GSFSR (Ø 5.0 / Ø 6.0)

Convertible Temporary Cylinder

- Used for producing temporary prosthesis in convertible abutment (Ti Gr-3)
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Abutment + Ti screw order code

: product code + TH (ex : GSCTC500TTH)







Convertible Plastic Cylinder

- Used for producing screw-retained prosthesis in convertible abutment
- Used for fabrication of customized prosthesis by casting with nonprecious metal alloys
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + EbonyGold cylinder screw

Abutment + EbonyGold screw order code

: product code + WH (ex : GSCPL500WH)



R Regular



Guide pin

Convertible Pick-up Impression Coping

- · Components for implant level impression taking
- Pick up impression coping for convertible abutment
- Hand tightened with a 1.2 hex driver
- Packing unit : impression coping body + guide pin(*)







Convertible Transfer Impression Coping

• Transfer impression coping for convertible abutment

GSPIC600 (Octa / Blue)

- Hand tightened with a 1.2 hex driver
- Packing unit : impression coping body + guide pin



Ø 6.0



Ø 4.0/Ø 4.0

D

Ø 5.0 Ø 6.0



GSTIC**400** (Hex / Yellow) GSTIC**500** (Octa / Silver) GSTIC**600** (Octa / Blue)

Convertible Abutment Components

Convertible Protect Cap

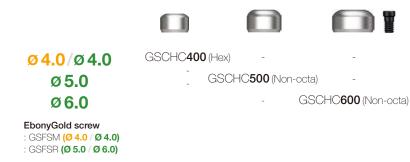
- A protect cap for convertible abutment
- Hand tightened with a 1.2 hex driver
- Packing unit : protect cap + EbonyGold screw

Abutment + EbonyGold screw order code

: product code + WH (ex : GSCHC500WH)



Regular



Convertible Lab Analog

- A lab analog for convertible abutment
- · Hand tightened with a 1.2 hex driver







Convertible Polishing Protector

- Protecting the joints during polishing process after producing a prosthesis using a convertible GoldCast/plastic cylinder
- Hand tightened with a 1.2 hex driver





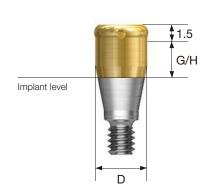






Port Abutment

- \bullet Placement angle compensated up to 40°
- Vertical dimension lower by 1.5mm, construction of various attachments with stable fixing
- Tightened with a dedicated outer driver (code : TWLDLK/TWLDLSK)
- Recommended tightening torque : 30Ncm





TSPTA4060R

TSPTA4070R

TSPTA4050R

Port Abutment Components

Port Male KIT

- Components
- Block out spacer / denture cap connected black processing male
- Replacement male blue/pink/clear
- Used by selecting the male with adequate retention force for each case
- Using a locator core tool for replacing the male
- · Packing unit: 1set



Port Replacement Male

- Retention force : Low retention (Approx. 6N)
- Placement angle compensated up to 20°
- · Packing unit: 4ea
- Retention force : Medium retention (Approx. 12N)
- Placement angle compensated up to 20°
- · Packing unit: 4ea
- Retention force : High retention (Approx. 22N)
- Placement angle compensated up to 20°
- Packing unit : 4ea



PTCM06S



PTCM12S



PTCM22S

Port Extended Replacement Male

- Retention force : Low retention (Approx. 6N)
- Placement angle compensated up to 20~40°
- Packing unit : 4ea



PTCEM06S

- Retention force : Medium retention (Approx. 12N)
- Placement angle compensated up to 20~40°
- · Packing unit: 4ea



PTCEM12S

Port Black Processing Male

- Male used only in prosthesis fabrication process
- · Packing unit: 4ea



PTCPMS

Port Male Cap

- Fixed to the denture by connecting with the male
- Packing unit : 1ea



PTCMC

Port Block Out Spacers

- Used for sealing of the space between the abutment and the denture cap when attaching the overdenture and denture cap in the oral cavity
- Packing unit : 20ea



PTCS:

Port Impression Coping

- Pick up impression coping for Locator Abutment
- Using closed tray
- Packing unit : Impression coping + Provisional male 1set



PTCIC

Port Lab Analog

- · Lab analog for Locator Abutment
- Packing unit : 1ea



PTCLA40

Port Multi Tool

- Used for placing and removing the replacement male in the denture cap
- Separated into three pieces and used as a hand driver for port abutment



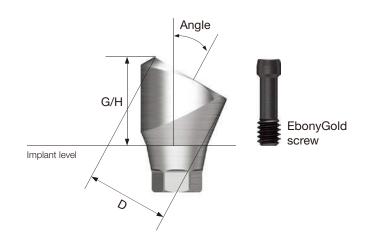
PTCMT

Port Angled Abutment

- Used for placement angle compensation in overdenture
- Abutment level impression
- Placement angle compensated up to 60°
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + EbonyGold screw

Abutment + EbonyGold screw order code

: product code + WH (ex : TS30PA455RWH)





Angle G/H	4.0	5.0
10°	TS10PA 454R	TS10PA 455R
Angle <u>G/H</u>	4.0	5.0
17°	TS17PA 454R	TS17PA 455R
Angle G/H	4.0	5.0
30°	TS30PA 454R	TS30PA 455R

D Ø4.6

EbonyGold screw : GSMABSS

R

Port Angled Abutment Components

Port Angled Abutment Head

- Head part connected to the port angled abutment
- Tightened using a locator torque driver
- Recommended tightening torque : 20Ncm
- Packing unit : abutment head + carrier

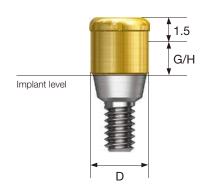


PTAAH450P



Locator® Abutment

- Locator Abutment for TS abutment of Zest Dental Solutions
- \bullet Placement angle compensated up to 40°
- Vertical dimension lower by 1.5mm, construction of various attachments with stable fixing
- Tightened with a dedicated outer driver (code : TWLDLK/TWLDLSK)
- Recommended tightening torque : 30Ncm







Locator® Abutment Components

Locator® Male Processing Kit

- Components
- Block out spacer / denture cap connected black processing male
- Replacement male blue/pink/clear
- Used by selecting the male with adequate retention force for each case
- Using a locator core tool for replacing the male
- · Packing unit: 2set



Locator® Replacement Male

- Retention force : Low retention (Approx. 6N)
- Placement angle compensated up to 20°
- Packing unit : 4ea
- Retention force : Medium retention (Approx. 12N)
- \bullet Placement angle compensated up to 20 $\!\!^{\circ}$
- Packing unit : 4ea
- Retention force : High retention (Approx. 22N)
- Placement angle compensated up to 20°
- · Packing unit: 4ea



LRM06S



LRM12S



LRM22S

Locator® Extended Replacement Male

- Retention force : Low retention (Approx. 6N)
- Placement angle compensated up to 20~40°
- Packing unit : 4ea



LEM06S

- Retention force : Medium retention (Approx. 12N)
- \bullet Placement angle compensated up to 20~40°
- Packing unit : 4ea



LEM12S

Locator® Abutment Components

Locator® Black Processing Male

- Male used only in prosthesis fabrication process
- Packing unit : 4ea



LBPS

Locator® Block Out Spacers

- \bullet Used for sealing of the space between the abutment and the denture cap when attaching the overdenture and denture cap in the oral cavity
- Packing unit : 20ea



Locator® Impression Coping

- Pick up impression coping for Locator Abutment
- Using closed tray
- Packing unit : Impression coping + Provisional male 1set



Locator® Lab Analog

- Lab analog for Locator Abutment
- Packing unit : 2ea



LAL40S

Locator® Core Tool

- Used for placing and removing the replacement male in the denture cap
- Separated into three pieces and used as a hand driver for Locator Abutment



Locator® Torque Driver

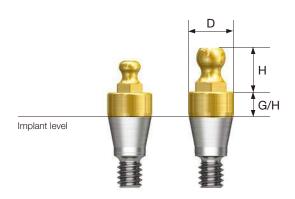
• Torque driver for Locator Abutment



Stud Abutment

- Abutment for overdenture using o-ring attachment
- Placement angle compensated up to 20°
- · Tightened with a dedicated outer driver (small size: STAOD / normal size : AORD)
- Recommended tightening torque: 30Ncm(mini/regular)
- · Ball head diameter

- Small size : Ø1.7 (H 2.5mm) - Normal size : Ø2.25 (H 3.4mm)







Stud Abutment Components

O-ring Retainer Cap Set

- O-ring attachment for Stud Abutment
- O-ring replaced in a metal housing for use
- Packing unit : retainer cap + o-ring







RCS01

RCS02 (Small size)

O-ring Retainer Set

- Used when vertical dimension is shorter than the retainer cap
- Packing unit : retainer cap + o-ring





RS01

O-ring Set

- O-ring set
- Packing unit : o-ring 5ea







OAON02S (Small size)

O-ring Lab Analog

• Lab analog for Stud Abutment



OAL

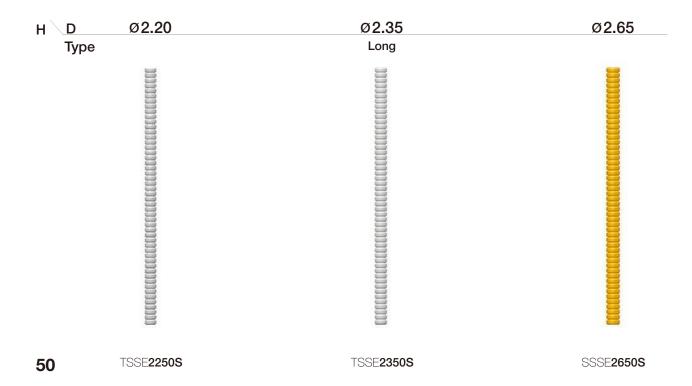


OAL02 (Small size)



OneSeal

- Disposable medical devices for internal filling of abutment
- Cut to desired length for use (medical silicone)
- Packing unit : 5ea • TS Mini : TSSE2250S • TS Regular : TSSE2350S • SS Regular : SSSE2650S



TS Abutment Selector

- Component accessory that allows prediction of the final abutment specification required
- Only for rigid, transfer and angled abutment
- PSU ring combination allows manual tightening and removal
- Hole for prevention of dropping in the mouth



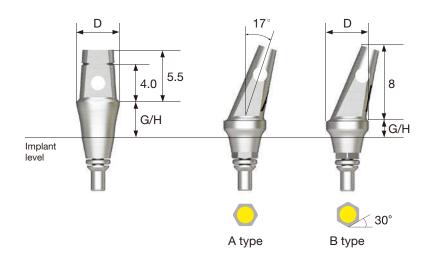
Mini (Yellow)



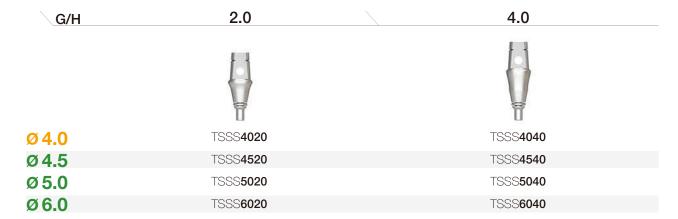


TS Abutment Selection KIT

- Order Code : TSKCA
- Components : KIT including the entire range of selectors



Straight Type



Angled Type







IMPLANT

090 SSII SA Implant

092 SSIII SA Implant

096 Simple Mount

096 Cover Screw

097 Closing Screw

098 Healing Abutment

COMPONENTS

100 PROSTHETIC FLOW DIAGRAM 1

101 Solid Abutment

104 Excellent Solid Abutment

108 PROSTHETIC FLOW DIAGRAM 2

109 ComOcta Abutment

114 ComOcta Plus Abutment

116 ComOcta Milling Abutment

117 ComOcta Gold Abutment

118 ComOcta NP-Cast Abutment

119 ComOcta Temporary Abutment

120 ComOcta Angled Abutment

122 PROSTHETIC FLOW DIAGRAM 3

123 Octa Abutment

128 PROSTHETIC FLOW DIAGRAM 4

129 Port Abutment

132 Locator® Abutment

136 O-ring Abutment

138 OneSeal

SS Design & Surface Feature

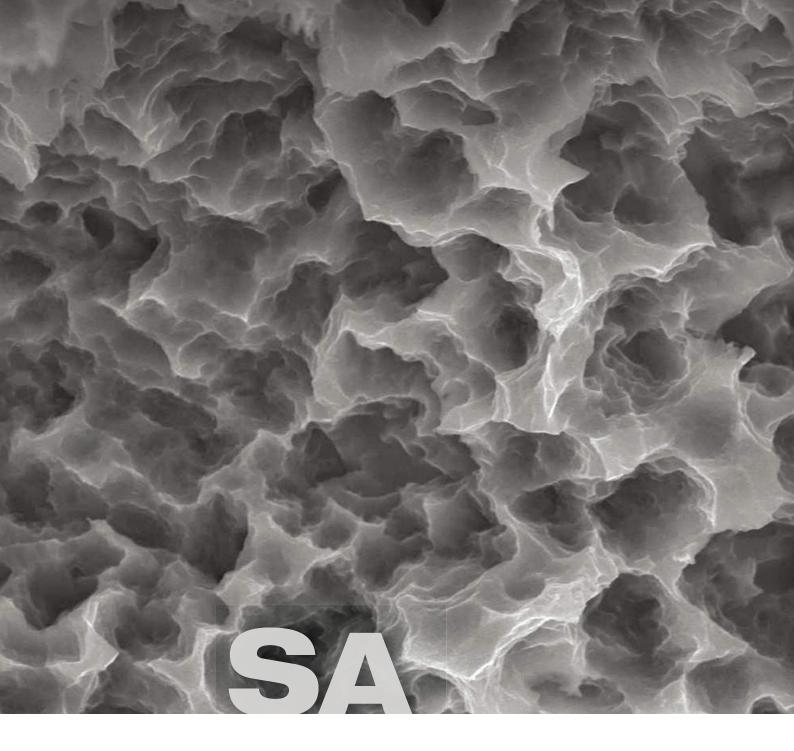




SS packaging color information

Non-submerged type implant with an internal octa 8° tapered connection based on the 1st stage surgery

- Connection Regular / Wide
- Corkscrew thread & cutting edge
- Superior self-threading effect for ease of placement path adjustment
- Enhanced initial stability in soft bone and application of consistent placement torque according to the drill diameter
- Various body shape options available to match the patient's bone quality and clinical condition
- SSII (straight body): Ease of placement depth adjustment
- SSIII (1.5° tapered body) : Excellent initial stability needed for immediate loading even in soft bone
- Applicable surface types SA



Optimized surface morphology through acid-etching treatment

- · Surface roughness: Ra 2.0-3.0μm (Note: the roughness in the upper 0.5mm part is Ra 0.5-0.6µm)
- · Uniform surface micro-pits of 1~3μm
- Surface area increased by 46% compared to resorbable blast media (RBM) treated implants

In-vitro and In-vivo Bone Response

- \cdot Osteoblast differentiation and ossification improved by 20% compared to RBM-treated implants
- Initial bone response in a large animal model (mini-pig)
 Initial stability (removal torque (RT), 4 weeks) improved by 48% compared to RBM-treated implants
- Ossification (bone implant contact (BIC), 4 weeks) improved by 20% compared to RBM-treated implants

- connection based on the one-stage surgery • Optimal thread design for realization of optimal SA surface
- Straight body design for easy adjustment of placement depth
- Superior self-threading effect with corkscrew thread
- Recommended placement torque : ≤ 40Ncm
- * Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

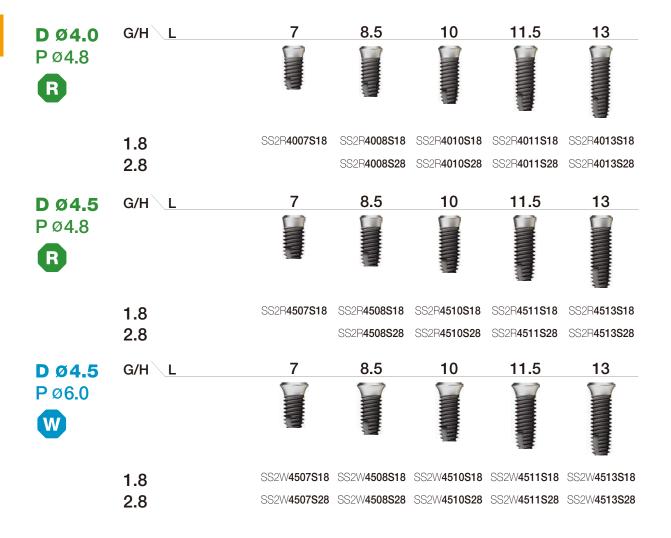
NoMount implant order code

: implant product code (ex : SS2R4011S18)

Pre-Mounted implant (implant + simple mount + cover screw) order code

: A + implant product code (ex : ASS2R4011S18)





D Ø 5.0 P Ø 6.0	G/H\L	6 Short	7	8.5	10	11.5	13
	1.8	SS2W 5006S18	SS2W 5007S18	SS2W 5008S18	SS2W 5010S18	SS2W 5011S18	SS2W 5013S18
	2.8	SS2W 5006S28	SS2W 5007S28	SS2W 5008S28	SS2W 5010S28	SS2W 5011S28	SS2W 5013S28

SS SYSTE

SSIII SA Implant

- Non-submerged type implant with an internal octa 8° tapered connection based on the one-stage surgery
- Optimal thread design for realization of optimal SA surface
- Tapered body design for excellent initial stability
- Superior self-threading effect with corkscrew thread
- Ensuring excellent primary stability needed for immediate loading even in soft bone

Ultra-wide

- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
- Recommended placement torque: ≤ 40Ncm
- ** Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

NoMount implant order code

: implant product code (ex : SS3R4011S18)

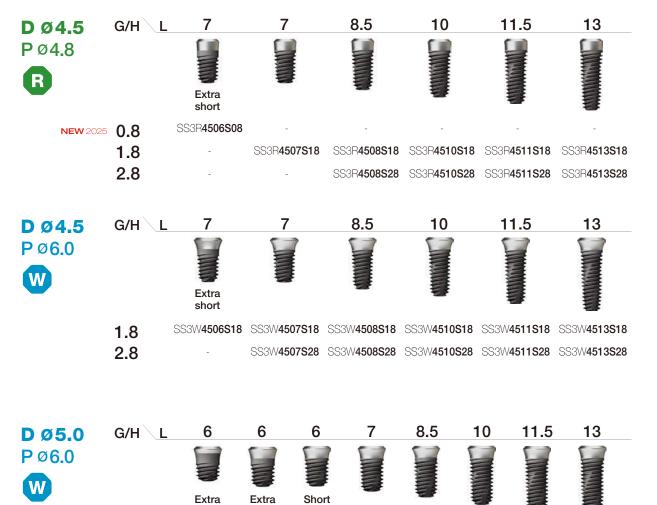
Pre-Mounted implant (implant + simple mount + cover screw) order code

: A + implant product code (ex : ASS3R4011S18)









SS3W5005S18 SS3W5006S18 SS3W5007S18 SS3W5008S18 SS3W5010S18 SS3W5011S18 SS3W5013S18

\$\$\\$\\$006\$28 \$\$\\$\\$007\$28 \$\$\\$\\$008\$28 \$\$\\$\\$010\$28 \$\$\\$\\$011\$28 \$\$\\$\\$013\$28

short

NEW 2025 0.8

1.8 2.8 SS3W**5004S08** SS3W**5005S08**

short

SSIII SA Implant

Ultra-wide





- · Selected according to the implant platform
- Hand tightened with a 1.2 hex driver
- * Disposable, Do not reuse
- P = Platform



R Regular



Wide



Cover Screw

- · Selected according to the implant platform
- Hand tightened with a 1.2 hex driver
- P = Platform



Regular





Closing Screw NEW 2025

- For lack of soft tissue in the suture
- Hand tightened with a 1.2 hex driver
- P = Platform







SSCS600N

- Hand tightened with a 1.2 hex driver
- P = Platform







 $\mathsf{P} \setminus \underline{\mathsf{H}}$ 2.0 3.0

4.0

5.0

Ø4.8

SSH**482**

SSH**483**

SSH**484**



SSH**485**

 $P \setminus H$

2.0

3.0

4.0

5.0



SSH**603**

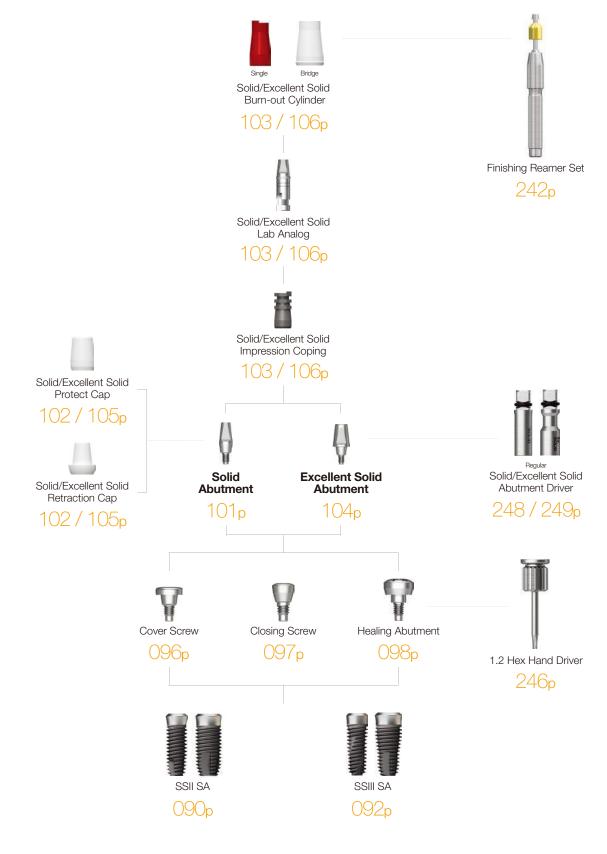
SSH**604**



SSH**605**

Ø 6.0





• Abutment level impression

• Ø4.8 : Tightened with a Solid Abutment driver (code : SDSL/SDSS)

• Ø6.0 : Tightened with a 1.2 hex driver or Solid Abutment driver (code : SD60S)

• Recommended tightening torque : 30Ncm

• Packing unit : abutment + protect cap

Abutment + protect cap order code

: product code + P (ex : SSS485P)



P Ø 4.8



н 4.0 5.5



SSS**484**

SSS**485**

7.0

SSS**487**

P Ø 6.0



н 4.0 5.5 7.0



SSS**604**



SSS**605**



SSS**607**

Solid Protect Cap

- Solid Abutment protection with reduced patient discomfort
- Used as a temporary crown base





4.0 7.0 $P \setminus H$ 5.5 Ø 4.8 SSC**484** SSC**485** SSC487 Ø 6.0 SSC**605** SSC**607** SSC604

Solid Retraction Cap

- Ensuring clear margin by pushing the gingiva around the margin in the direct impression of Solid Abutment
- · Used as a temporary crown base







Solid Impression Coping

- Components for Solid Abutment impression
- Enabling production of elaborate prosthesis using lab analog
- Used by selecting the color matching the abutment height



Wide

P <u>H</u>	4.0	5.5	7.0
Ø4.8	SSIC 484	SSIC 485	SSIC 487
Ø 6.0	SSIC 604	SSI0 605	SSIC 607

Solid Lab Analog

- Components for Solid Abutment reproduction on a model after impression taking
- Used by assembling to the solid impression coping in the same color



Regular





Solid Burn-out Cylinder

- Components replacing the resin cap prior to fabrication of wax-up using Solid Abutment
- Enabling the production of elaborate prosthesis with uniform interior
- Used after removing the tightening connection of lower margin after casting



Regular



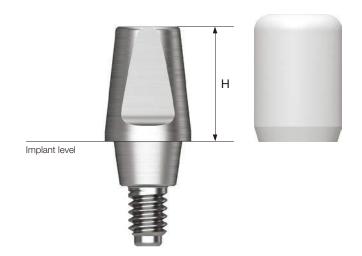


Excellent Solid Abutment

- Abutment for producing cement-retained prosthesis
- Larger in volume compared to Solid Abutment, suitable for molars or when removal is required
- Abutment level impression
- Ø 4.8 : Tightened with a 1.2 hex driver or Excellent Solid Abutment driver(code: ESDSS/ESDSL)
- \bullet Ø 6.0 : Tightened with a 1.2 hex driver or Excellent Solid Abutment driver (code: ESD60S)
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + protect cap

Abutment + protect cap order code

: product code + P (ex : SSE485P)



P Ø 4.8



4.0 \<u>H</u>



SSE**484**

5.5



SSE**485**



SSE**487**

P Ø 6.0



\<u>H</u>

4.0

SSE**604**

5.5

SSE**605**



7.0

SSE**607**

Excellent Solid Abutment Components

Excellent Solid Protect Cap

- Used for Excellent Solid Abutment protection and reducing patient discomfort
- Used as a temporary crown base



Regular



P\H	4.0	5.5	7.0
Ø4.8	SSEC484	SSEC 485	SSEC 487
Ø 6.0	SSEC 604	SSEC 605	SSEC 607

Excellent Solid Retraction Cap

- · Used for accurate margin reproduction by pushing away the surrounding gingiva when taking a direct impression of Excellent Solid Abutment
- · Used as a temporary crown base



Regular



7.0 4.0 5.5 P H Ø 4.8 SSERC484 SSERC485 SSERC487 Ø 6.0 SSERC604 SSERC605 SSERC607

Excellent Solid Abutment Components

Excellent Solid Impression Coping

- Components for Excellent Solid Abutment impression
- Enabling production of elaborate prosthesis using lab analog
- Used by selecting the color matching the abutment height





Excellent Solid Lab Analog

- Components for Excellent Solid Abutment reproduction on model after impression taking
- Used by connecting to the appropriate color coded Excellent Solid Impression Cap
- R

Regular



 Ø 4.8
 SSEA484
 SSEA604
 SSEA605
 SSEA607

Excellent Solid Burn-out Cylinder

- Components replacing the resin cap prior to fabrication of wax-up using Excellent Solid Abutment
- Enabling the production of elaborate prosthesis with uniform interior
- Used after removing the tightening connection of lower margin after casting



Regular









- Implant level impression
- Enabling abutment level impression using the retraction cap
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw



: product code + TH (ex : SSCA485TH)



ComOcta Abutment Components

ComOcta Protect Cap NEW 2025

- · ComOcta Abutment protection with reduced patient discomfort
- · Used as a temporary crown base
- Excellent Solid Protect Cap used in common for wide type

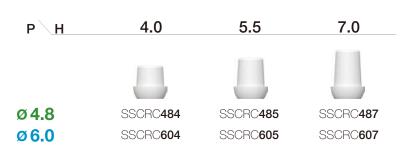


4.0 5.5 7.0 $P \setminus H$ Ø4.8 SSCC485 SSCC487 SSCC484 Ø 6.0 SSEC604 SSEC605 SSEC607

ComOcta Retraction Cap

- · Used for accurate margin reproduction by pushing away the surrounding gingiva when taking a direct impression of ComOcta Abutment
- · Used as a temporary crown base





ComOcta Impression Coping

- Components for ComOcta Abutment impression
- Enabling production of elaborate prosthesis using lab analog
- Used by selecting the color matching the abutment height
- Excellent Solid Impression Coping used in common for wide type





ComOcta Lab Analog

- Components for Excellent Solid Abutment reproduction on model after impression taking
- · Used by connecting to the same color as the ComOcta Impression Cap





Implant Pick-up Impression Coping

- Components for implant level impression taking
- Using open tray
- Unique design stably fixed within the impression body
- Hand tightened with a 1.2 hex driver
- Packing unit : impression coping body + guide pin(*)



Regular (Green)



Wide (Blue)





ComOcta Abutment Components

Implant Transfer Impression Coping

- · Components for implant level impression taking
- Using closed tray
- Triangular arc structure for stable fastening and accurate repositioning
- Hand tightened with a 1.2 hex driver
- Packing unit
- Octa : impression coping body + guide pin
- Non-octa: impression coping



Regular (Green)



Wide (Blue)





Implant Lab Analog

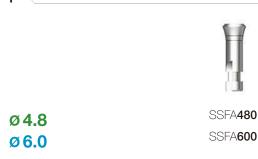
- · Lab analog for implant level impression
- · Used by selecting according to the implant platform Ø4.8/6.0



Regular (Green)



Wide (Blue)



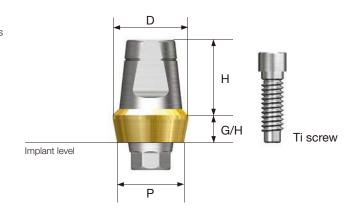


ComOcta Plus Abutment

- Abutment for producing cement-retained/combination prosthesis
- Used for thick gingiva or deeply placed implant
- 45° platform contact for abutment-implant connection
- · Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code

: product code + TH (ex : SSCAP4826CTH)







P Ø 6.0		H G/H	1.0	2.0	3.0	4.0
		D	Ø6.5	Ø6.5	Ø6.5	Ø6.5
Ti screw : ASR200						
	Ooto	1.0	SSCAP 6014C	SSCAP 6024C	SSCAP 6034C	SSCAP 6044C
	Sola	5.5	SSCAP 6016C	SSCAP 6026C	SSCAP 6036C	SSCAP 6046C
	Non-Octa 5	5.5	SSCAP6016CN	SSCAP6026CN	SSCAP 6036CN	SSCAP 6046CN

H <u>G/H</u> D	2.0 Ø6.8	3.0 Ø7.2	4.0 Ø7.6
Octa 5.5	SSCAP 6026E	SSCAP 6036E	SSCAP 6046E
Non-Octa 5.5	SSCAP 6026EN	SSCAP 6036EN	SSCAP 6046EN

- Abutment for producing cement-retained / combination prosthesis
- Used for customizing the shape of the abutment margin
- 45° platform contact for abutment-implant connection
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

: product code + TH (ex : SSCMA4830TH)



: ASR200

P Ø 4.8 G/H 3.0 Ti screw

SSCMA**4830**



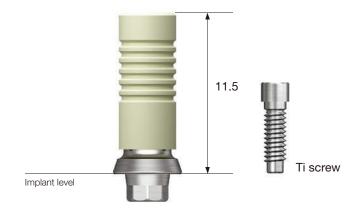
G/H



3.0

- Used for fabrication of customized prosthesis by casting with gold alloys
- 45° platform contact for abutment-implant connection
- Abutment melting temperature: 1,400~1,450℃
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

: product code + TH (ex : COG480STH)



COG**480S**

COG**480B**

P Ø 6.0 Type Octa Non-Octa

Ti screw
: ASR200

COG600S

COG600B

- Abutment for producing cement-retained/combination/ screw-retained prosthesis
- Used for fabrication of customized prosthesis by casting with nonprecious metal alloys
- 45° platform contact for abutment-implant connection
- Abutment melting temperature: 1,400~1,450°C
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

: product code + TH (ex : CON480STH)





CON480S

CON480B



Ti screw : ASR200

P Ø 4.8

0 G/H Type

SSTAO480

• Abutment for producing cement-retained/ screw-retained temporary prosthesis • Used by removing for producing temporary

• Recommended tightening torque: 20Ncm • Packing unit : abutment + Ti screw

: product code + TH (ex : SSTAO480TH)

Abutment + Ti screw order code

prosthesis (Ti Gr-3)

• Implant level impression • Tightened with a 1.2 hex driver

ComOcta Temporary Abutment



2.0

Octa

Octa

Implant level



0



10

G/H







SSTAO600





0



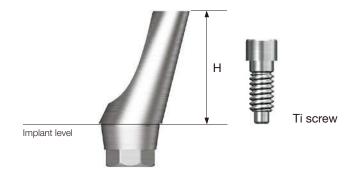
2.0

SSTAN600

ComOcta Angled Abutment

- Abutment for producing cement-retained/ combination prosthesis
- 15°/25° implant placement angle compensation
- Dedicated abutment screws are used
- · Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw(only angled)

Abutment + Ti screw order code : product code + TH (ex : SSA4815TH)









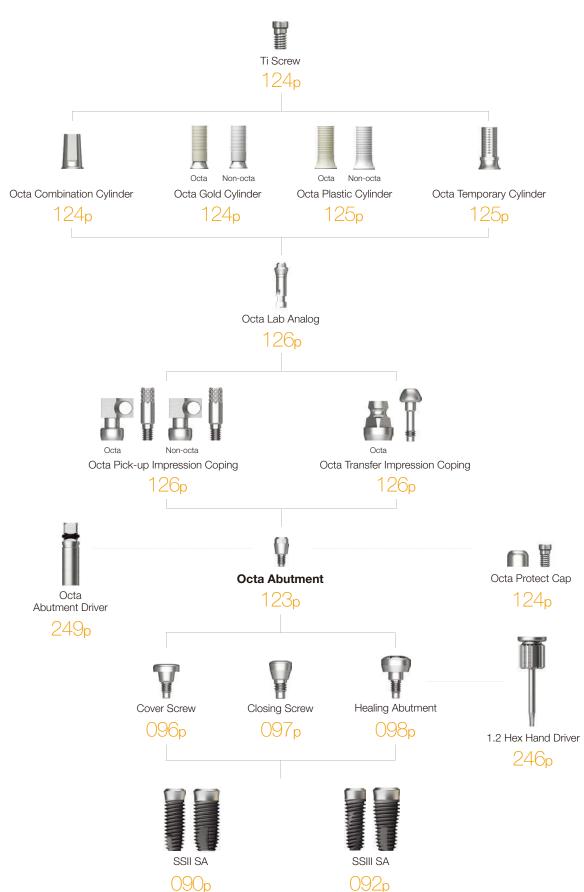


OSSTEM⁶
IMPLANT

PROSTHETIC FLOW DIAGRAM 3

Octa

Abutment Level Impression



Octa Abutment

- Used for producing combination/screw-retained prosthesis in multiple case
- \bullet Implant placement angle compensated up to 60°
- Tightened with a dedicated outer driver (code : ODSL/ODSS)
- Recommended tightening torque: 30Ncm



P Ø4.8





P Ø6.0





Octa Abutment Components

Octa Protect Cap

- · Protect cap for Octa Abutment
- · Hand tightened with a 1.2 hex driver
- Packing unit : protect cap + Ti screw

Protect cap + Ti screw order code

: product code + TH (ex : SSHC480TH)







Octa Gold Cylinder

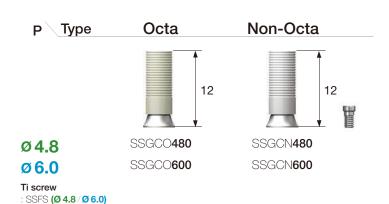
- Used for producing screw-retained prosthesis in Octa Abutment
- Used for fabrication of customized prosthesis by casting with gold alloys
- Cylinder melting temperature: 1,400~1,450°C
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Cylinder + Ti screw order code

: product code + TH (ex : SSGCO480TH)



Wide



Octa Combination Cylinder

- · Used for producing combination prosthesis in Octa Abutment
- · Connection structure for both octa/non-octa
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Cylinder + Ti screw order code

: product code + TH (ex : SSOCC480TH)



: SSFS (Ø 4.8 / Ø 6.0)



Octa Temporary Cylinder

- Used for producing temporary prosthesis in Octa Abutment (Ti Gr-3)
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Cylinder + Ti screw order code

: product code + TH (ex : SSTCO480TH)







- Used for producing screw-retained prosthesis in Octa Abutment
- Used for fabrication of customized prosthesis by casting with nonprecious metal alloys
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : cylinder + Ti cylinder screw

Cylinder + Ti screw order code

: product code + TH (ex : SSPSO480TH)



Regular







: SSFS (Ø 4.8 / Ø 6.0)

Octa Abutment Components

Octa Pick-up Impression Coping

- Pick up impression coping for Octa Abutment
- Hand tightened with a 1.2 hex driver
- Packing unit : impression coping body + guide pin(*)





		Guid	Guide Pin	
Octa	Non-Octa	0	5.0	
SSICO 480	SSICN480	SSGS100	SSCS150*	
SSICO 600	SSICN600	3343100	3343130	
	SSICO480	SSICO480 SSICN480	Octa Non-Octa 0	Octa Non-Octa 0 5.0 SSICO480 SSICN480 SSGS100 SSGS150*

Octa Transfer Impression Coping

- Transfer impression coping for Octa Abutment
- Hand tightened with a 1.2 hex driver
- Packing unit : Impression coping body + guide pin





Octa Lab Analog

- Lab analog for Octa Abutment
- Hand tightened with a 1.2 hex driver







O-ring

137p

O-ring System

SSII SA

090p

Cap Type

医主题

Open Type

Male

133p

133p Spacer & Male Cap

092p

Extended Male

133p

Multi Tool

135p

246p

Port Abutment

- Placement angle compensated up to 40°
- Vertical dimension lower by 1.5mm, construction of various attachments with stable fixing
- Tightened with a dedicated outer driver (code: TWLDLK/TWLDLSK)
- Recommended tightening torque: 30Ncm



P Ø 4.8





Port Abutment Components

Port Male KIT

- Components
- Block out spacer / denture cap connected black processing male
- Replacement male blue/pink/clear
- Used by selecting the male with adequate retention force for each case
- Using a locator core tool for replacing the male
- · Packing unit: 1set



Port Replacement Male

- Retention force : Low retention (Approx. 6N)
- Placement angle compensated up to 20°
- Packing unit : 4ea
- Retention force : Medium retention (Approx. 12N)
- Placement angle compensated up to 20°
- Packing unit : 4ea
- Retention force : High retention (Approx. 22N)
- Placement angle compensated up to 20°
- Packing unit : 4ea



PTCM06S



PTCM12S



PTCM22S

Port Extended Replacement Male

- Retention force : Low retention (Approx. 6N)
- Placement angle compensated up to 20~40°
- Packing unit : 4ea



PTCEM06S

- Retention force : Medium retention (Approx. 12N)
- Placement angle compensated up to 20~40°
- Packing unit : 4ea



PTCEM12S

Port Black Processing Male

- Male used only in prosthesis fabrication process
- Packing unit : 4ea



PTCPMS

Port Male Cap

- Fixed to the denture by connecting with the male
- Packing unit : 1ea



PTCMC

Port Block Out Spacers

- Used for sealing of the space between the abutment and the denture cap when attaching the overdenture and denture cap in the oral cavity
- Packing unit : 20ea



PTCS3

Port Impression Coping

- Pick up impression coping for Locator Abutment
- Using closed tray
- Packing unit : Impression coping + Provisional male 1set



PTCIC

Port Lab Analog

- · Lab analog for Locator Abutment
- Packing unit : 1ea



PTCLA40

Port Multi Tool

- Used for placing and removing the replacement male in the denture cap
- Separated into three pieces and used as a hand driver for port abutment



PTCMT

Locator® Abutment

- Locator Abutment for SS abutment of Zest Dental Solutions
- \bullet Placement angle compensated up to 40°
- Vertical dimension lower by 1.5mm, construction of various attachments with stable fixing
- Tightened with a dedicated outer driver (code : TWLDLK/TWLDLSK)
- Recommended tightening torque: 30Ncm



P Ø 4.8

R

G/H

0.7

2.0

3.0

4.0

T

HSLCA4810R

T

HSLCA**4820R** HSLCA

Y

HSLCA4830R



Locator® Abutment Components

Locator® Male Processing Kit

- Components
- Block out spacer / denture cap connected black processing male
- Replacement male blue/pink/clear
- Used by selecting the male with adequate retention force for each case
- Using a locator core tool for replacing the male
- · Packing unit: 2set



Locator® Replacement Male

- Retention force : Approx. 6N
- Placement angle compensated up to 20°
- Packing unit : 4ea
- Retention force : Approx. 12N
- \bullet Placement angle compensated up to 20 $\!^\circ$
- Packing unit : 4ea
- Retention force : Approx. 22N
- \bullet Placement angle compensated up to 20 $\!^\circ$
- Packing unit : 4ea



LRM06S



LRM12S



LRM22S

Locator® Extended Replacement Male

- Retention force : Approx. 6N
- \bullet Placement angle compensated up to 20~40°
- Packing unit : 4ea



LEM06S

- Retention force : Approx. 12N
- \bullet Placement angle compensated up to 20~40°
- Packing unit : 4ea



LEM12S

Locator® Abutment Components

Locator® Black Processing Male

- Male used only in prosthesis fabrication process
- Packing unit : 4ea



LBPS

Locator® Block Out Spacers

- \bullet Used for sealing of the space between the abutment and the denture cap when attaching the overdenture and denture cap in the oral cavity
- Packing unit : 20ea



Locator® Impression Coping

- Pick up impression coping for Locator Abutment
- Using closed tray
- Packing unit : Impression coping + Provisional male 1set



Locator® Lab Analog

- Lab analog for Locator Abutment
- Packing unit : 4ea



LAL50S

Locator® Core Tool

- Used for placing and removing the replacement male in the denture cap
- Separated into three pieces and used as a hand driver for Locator Abutment

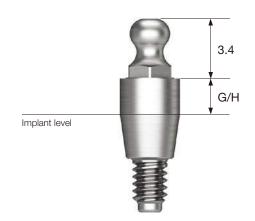


Locator® Torque Driver

• Torque driver for Locator Abutment



- Abutment for overdenture using O-ring attachment
- \bullet Placement angle compensated up to 20°
- Tightened with a dedicated outer driver (code : AORD)
- Recommended tightening torque: 30Ncm



P Ø4.8

2 0 4 G/H

SSRA200

SSRA400

SSRA000

O-ring Abutment Components

O-ring Retainer Cap Set

- O-ring attachment for O-ring Abutment
- O-ring replaced in a metal housing for use
- Packing unit : retainer cap + o-ring





O-ring Retainer Set

- Used when vertical dimension is shorter than the retainer cap
- Packing unit : retainer cap + o-ring





RS01

O-ring Set

- O-ring set
- Packing unit : o-ring 5ea



OAON01S

O-ring Lab Analog

· Lab analog for O-ring Abutment

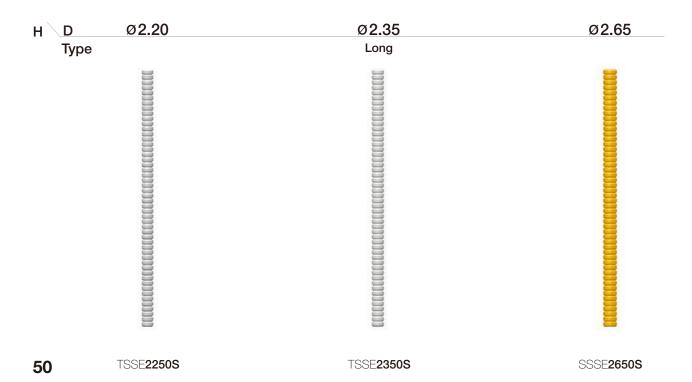


OAI

OneSeal NEW 2025

OneSeal

- Disposable medical devices for internal filling of abutment
- Cut to desired length for use (medical silicone)
- Packing unit : 5ea • TS Mini : TSSE2250S • TS Regular : TSSE2350S • SS Regular : SSSE2650S









MS Implant Narrow Ridge

MS Implant **Denture**

MS Implant Provisional

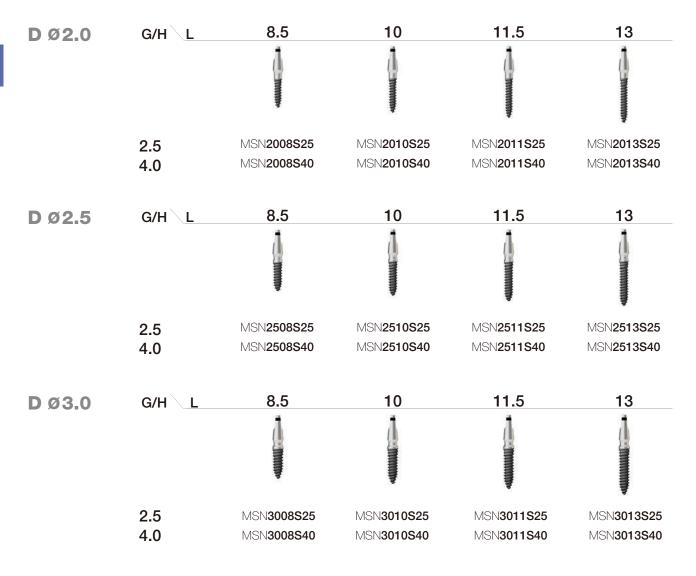
148 MS KIT

MS SA Implant Narrow Ridge

Narrow Ridge

- Implant system for narrow ridge, such as anterior mandible
- SA surface characterized by superior osseointegration
- \bullet Optimized abutment shape and size for prosthesis without removal
- Recommended placement torque : \leq 30Ncm





MS Implant Narrow Ridge Components

Impression Coping (Narrow Ridge)

• For use in precision impression taking



Temporary Cap

• For use in fabrication of temporary prosthesis



Lab Analog

 Replication of oral MS Implant narrow ridge abutment in a working model



Burn-out Cylinder

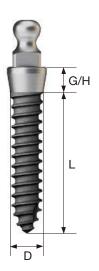
- Used as a prosthetic framework by assembling with MS implant narrow ridge
- After prosthetic casting, a dedicated reamer is used to adjust the margin

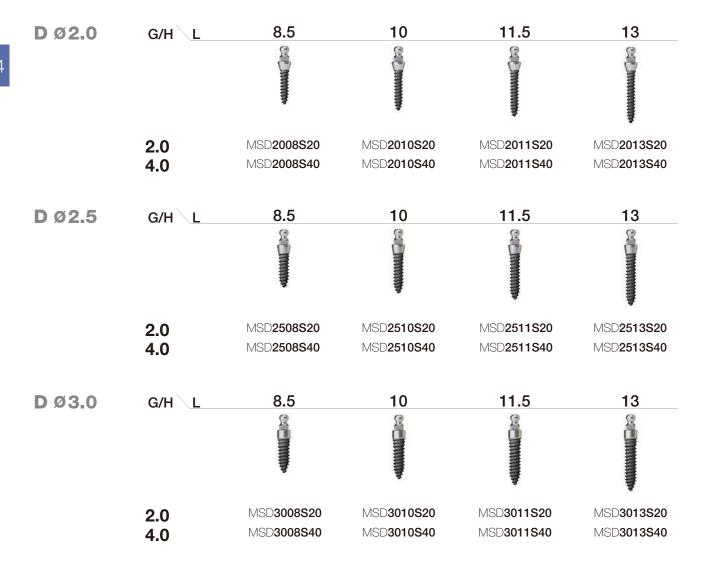


MS SA Implant Denture

Denture

- Implant system for edentulous patients with narrow ridge that cannot accommodate regular-diameter implants
- SA surface characterized by superior osseointegration
- Easy and convenient fabrication of dentures using retainer and lab analog
- Recommended placement torque : ≤30Ncm





MS Implant Denture Components

O-ring Retainer Cap Set

- Designed for use in the fabrication of stud type overdenture prosthesis
- Packing unit : retainer cap + o-ring





RCS01

O-ring Set

• Packing unit : 5ea



O-ring Lab Analog (Denture)

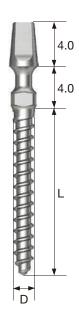
• Replication of the oral O-ring abutment in a working model



MS Implant Provisional

Provisional

- Used for completely or partially edentulous patients who require an immediate loading of temporary prosthesis
- Neck design for providing path compensation and maintaining strength
- Facilitating easy fabrication of temporary prosthesis with provisional cap and lab analog
- One-time bending up to 30°
- Recommended placement torque : ≤30Ncm







MS Implant Provisional Components

Provisional Cap

• For use in fabrication of temporary prosthesis (titanium)



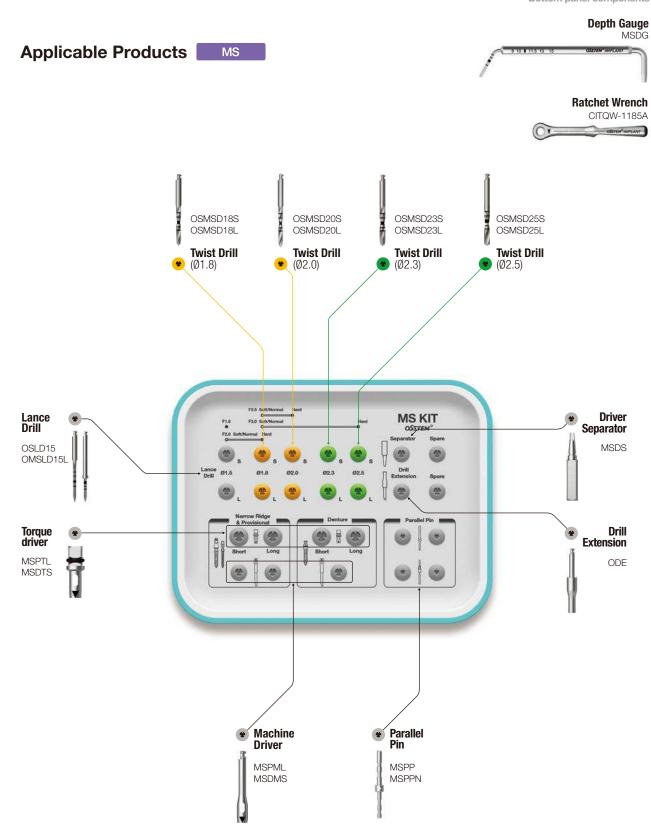
Lab Analog

• Replication of oral MS implant provisional abutment in the working model



MS KIT (OMSK)

Bottom panel components



MS KIT Surgical Instruments

Drill for MS Implant

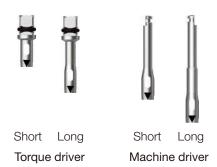
- Easy to identify by marking a depth corresponding to the available implant lengths (8/10/11.5/13/15)
- Lance drill is recommended only for cortical bone drilling and may be used up to marking line, depending on the surgical environment
- Long type drill has a built-in stopper for 13mm length implant



Lance Drill		Twist Drill				
L \D	Ø1.5	L D	Ø1.8	Ø2.0	Ø2.3	Ø2.5
35	OSLD15	Short (33)	OSMSD18S	OSMSD20S	OSMSD23S	OSMSD25S
38 (Long)	OMSLD15I	Long (41)	OSMSD18I	OSMSD201	OSMSD23I	OSMSD25I

Driver for Narrow Ridge & Provisional Type

- Driver for MS Implant Narrow Ridge & Provisional
- · Align the triangle mark with a cross-section of implant for use



Torque	Driver	

L D	Ø3.4	L \
Short (14.5)	MSPTS	Shoi
Long (21.5)	MSPTL	Long

L \ D	Ø3.4
Short (24.4)	MSPMS
Long (29.4)	MSPML

Machine Driver

MS KIT Surgical Instruments

Driver for Denture Type

- Driver for MS Implant denture
- · Align the triangle mark with a cross-section of implant for use





-					
IO	ra	ue	-1)	riv	

L \ D	Ø3.8
Short (13.5)	MSDTS
Long (18.5)	MSDTL

Machine Driver

L \ D	Ø3.8
Long (21.4)	MSDMS

Gauge for MS Implant

- Depth gauge
- Left : For measuring drill depth
- Right For measuring bends in the MS Provisional type
- Parallel pin is used to check for the path after drilling
- MSPP : lower diameter Ø 1.5 / upper diameter Ø 1.8
- MSPPN : lower diameter Ø 1.5 / upper shape is the same as that of MS Narrow Ridge

Depth Gauge	Parallel Pin	
MSDG	MSPP	
-	MSPPN	





Depth gauge

Parallel pin

Torque Driver Handle

• Used for implanting manually after assembling with torque driver joint



Driver Separator

• If a driver is stuck during implant placement, then insert driver separator into groove in the driver to separate it by applying leverage



MSDS

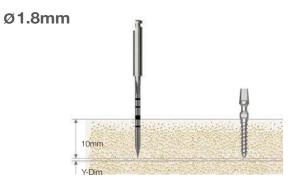
MS Removal Tool NEW 2025

- Easy removal of fractured MS Implant (Narrow Ridge)
- The tool is used by rotating in the reverse direction after assembling to the universal handle
- Options based on diameter of fractured implant
- \bullet For Ø 2.0, use orthodontic screw removal tool (code: OSRT20E)
- * Disposable. Do not reuse





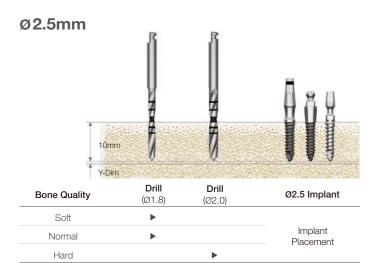
Narrow Ridge | Denture | Provisional (Length: 10mm)

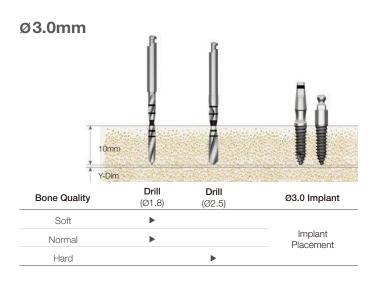


Bone Quality	Lance Drill	Ø1.8 Implant
Soft	>	
Normal	>	Implant Placement
Hard	>	



Bone Quality	Lance Drill	Drill (∅1.8)	Ø2.0 Implant
Soft	>		
Normal	>		Implant Placement
Hard	>	>	









OrthAnchor Simple Head

OrthAnchor Through Hole

OrthAnchor Small Head

OrthAnchor Bracket Head

162 OrthAnchor Simple Head Half Etched

OrthAnchor Through Hole Half Etched

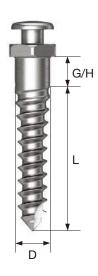
166 Ortho KIT

170 ORP KIT

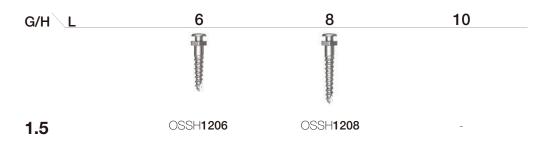
156 ORTHODONTICS SYSTEM

Simple Head

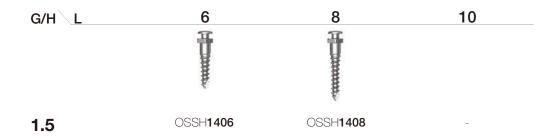
- Machined surface
- Material : Ti-6Al-4V
- No through-hole
- Connected component : coil spring(Ø 2.5), power chain, elastic band
- **% G/H 4.0 TYPE IS A MAKE-TO-ORDER PRODUCT**



D Ø 1.2



D Ø 1.4

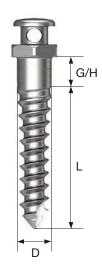




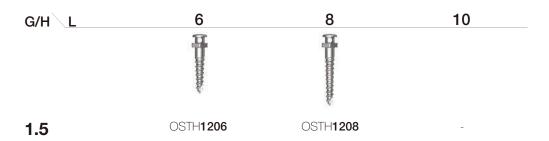


Through Hole

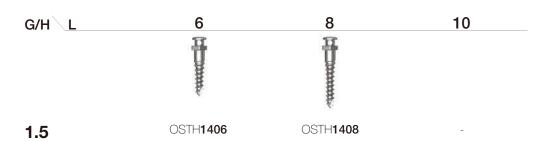
- Machined surface
- Material : Ti-6Al-4V
- D (through-hole) : Ø 0.8
- Connected component : arch wire(round), coil spring(Ø 2.5), power chain, elastic band
- ※ G/H 4.0 TYPE IS A MAKE-TO-ORDER PRODUCT.



D Ø 1.2



D Ø 1.4



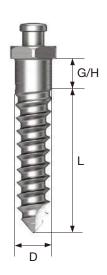
ORTHODONTICS SYSTEM

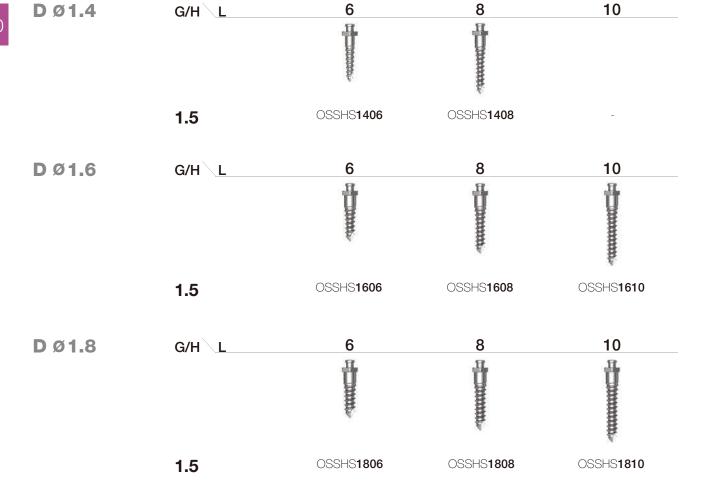




Small Head

- Machined surface • Material : Ti-6Al-4V • D (head) : Ø 1.48
- Connected component : coil spring(Ø 1.5/2.0/2.5), power chain, elastic band

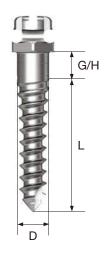


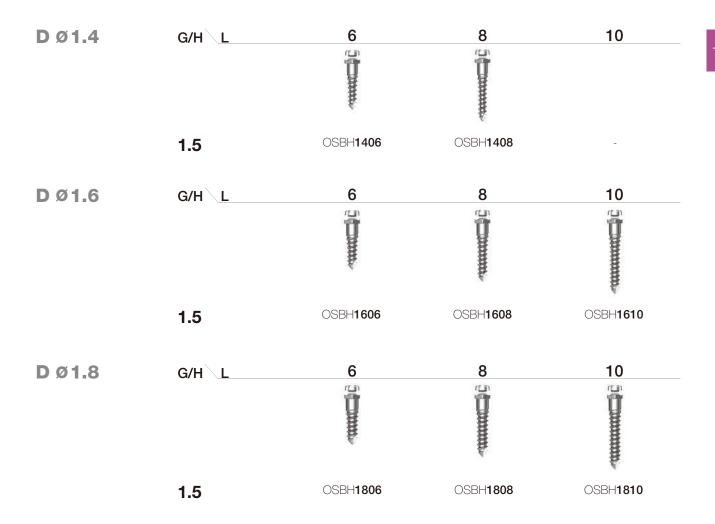


OrthAnchor Bracket Head

Bracket Head

- Machined surface
- Material : Ti-6Al-4V
- Excellent compatibility with various arch wires
- Easy path adjustment with the cross wire slot
- Connected component : arch wire(rec./round), coil spring(Ø 2.5), power chain, elastic band





OrthAnchor Simple Head Half Etched

Simple Head Half Etched

- · Acid etched surface
- Material : Ti-6Al-4V
- Minimization of early detachment possibility
- Stable effect for children or adolescents or cases with poor bone quality
- Connected component : arch wire(round), coil spring(Ø 2.5), power chain, elastic band



D Ø 1.2









OrthAnchor Through Hole Half Etched

Through Hole Half Etched

- Acid etched surface
- Material : Ti-6Al-4V
- Minimization of early detachment possibility
- Stable effect for children or adolescents or cases with poor bone quality
- Connected component : arch wire(round), coil spring(Ø 2.5), power chain, elastic band



D Ø 1.2



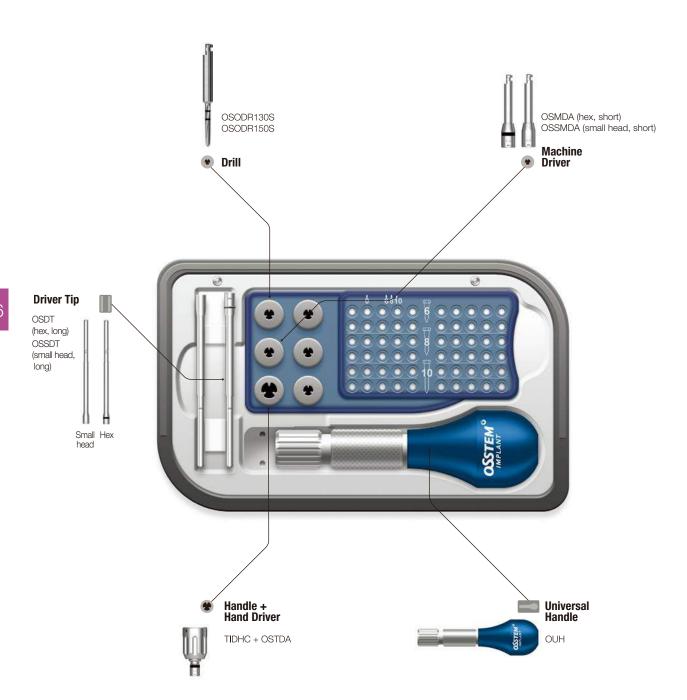






Ortho KIT (OOKS)

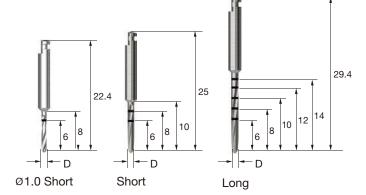
Applicable Products os



Ortho KIT Surgical Instruments

Drill

- · Connected to a handpiece (engine) for use
- Ø1.0 drill : For a procedure with Ø1.2/1.4 screw
- Ø1.3 drill: For a procedure with Ø1.6 screw
- Ø1.5 drill: For a procedure with Ø1.8 screw
- Recommended drilling speed: 800rpm (high speed)
- Implantation recommended after removing cortical bone only(Drilling to the same length as the screw length if the cortical bone is too thick)
- Ø1.0 drill for optional purchase (not included in the KIT)



L \ <u>D</u>	Ø1.0	Ø1.3	Ø1.5
Short	OSODR100S	OSODR130S	OSODR 150S
Long	-	OSODR130C	OSODR150C

Universal Handle

- Used after connecting to the driver tip, easy procedure with anti-slip handle
- Easy procedure with anti-slip handle

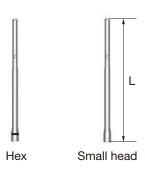
OUH



Driver Tip

- Connected to a universal handle for OrthAnchor procedure
- · Available type: a general hex driver and a small head driver

L Type	Hex	Small Head
Short (L)	OSDTS (45)	OSSDTS (45)
Long(L)	OSDT (67)	OSSDT (67)



Ortho KIT Surgical Instruments

Hand Drill

- · Connected to Universal Handle for use
- For removing cortical bone only
- Drilling depth : 4mm
- Product for optional purchase (not included in the KIT)
- * Maintain the drilling direction so as not to exert bending load while using

OSHDR130

Driver Handle

• Used for hand tightening screws after connecting to a hand driver

TIDHC



Hand Driver

- Connected to a driver handle or a ratchet wrench for OrthAnchor screw procedure
- · Available type: a general hex driver and a small head hand driver
- A small head hand driver is a product for optional purchase (not included in the KIT)









Small head

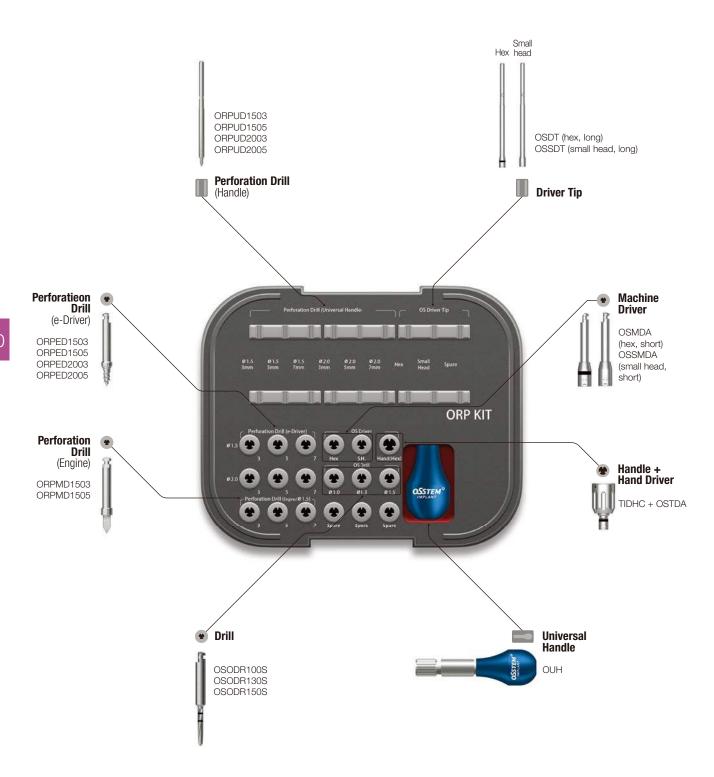
Machine Driver

- Connected to the engine for OrthAnchor procedure
- Available type: a general hex driver and a small head machine driver

L Type	Hex	Small Head	
Short _(L)	OSMDA (21.4)	OSSMDA (21.4)	
Long _(L)	OSMDB (31.4)	OSSMDB (31.4)	



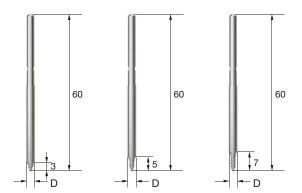
ORP KIT (ORPK)



ORP KIT Surgical Instruments

Perforation Drill (Handle)

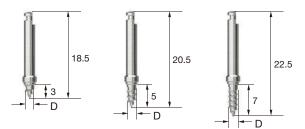
- Connected to a universal handle for MOP procedure
- Used for easy-to-access areas
- Ø1.5 : Anterior region / Ø2.0 : Posterior region and areas with wide interdentium
- * MOP : micro-osteoperforation



L \ <u>D</u>	Ø1.5	Ø2.0	
3.0	ORPUD 1503	ORPUD 2003	
5.0	ORPUD 1505	ORPUD 2005	
7.0	ORPUD 1507	ORPUD 2007	

Perforation Drill (e-Driver)

- Connected to handpiece (engine) for MOP procedure
- Used for difficult-to-access areas with a hand drill such as palatal region
- Recommended tightening torque: 25Ncm
- Recommended drilling speed: 30~60rpm

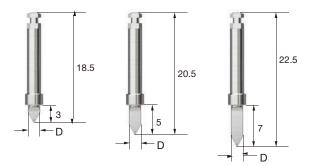


L D	Ø1.5	Ø2.0	
3.0	ORPED1503	ORPED 2003	
5.0	ORPED 1505	ORPED 2005	
7.0	ORPED 1507	ORPED 2007	

ORP KIT Surgical Instruments

Perforation Drill (Engine)

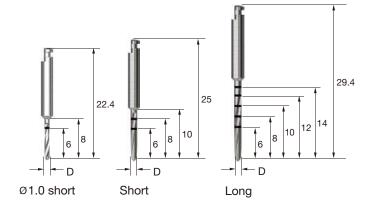
- Connected to handpiece (engine) for MOP procedure (e-Driver cannot be used)
- Allows fast procedure for hard bone or difficult-to-access areas with a handle drill
- Recommended drilling speed: 1200rpm



L \ D	ø1.5	Ø2.0	
3.0	ORPMD 1503	ORPMD 2003	
5.0	ORPMD 1505	ORPMD 2005	
7.0	ORPMD 1507	ORPMD 2007	

Drill

- · Connected to a handpiece (engine) for use
- Ø1.0 drill: For a procedure with Ø1.2/Ø1.4 screw
- Ø1.3 drill: For a procedure with Ø1.6 screw
- Ø1.5 drill : For a procedure with Ø1.8 screw
- Recommended drilling speed: 800rpm
- Implantation recommended after removing cortical bone only (Drilling to the same length as the screw length if the cortical bone is too thick)





Universal Handle

- Used for MOP procedure by connecting Perforation Drill (Handle)
- Screw implantation is available by connecting a dedicated driver tip

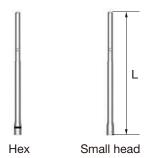
 $\quad \text{OUH} \quad$



Driver Tip

- Used for OrthAnchor procedure by connecting Universal Handle
- Available type: a general hex driver and a small head driver

L Type Hex		Small Head
Short (L)	OSDTS (45)	OSSDTS (45)
Long(L)	OSDT (67)	OSSDT (67)



Hand Drill

- Connected to Universal Handle for use
- For removing cortical bone only
- Drilling depth : 4mm
- Product for optional purchase (not included in the KIT)
- $\ensuremath{\,\times\,}$ Maintain the drilling direction so as not to exert bending load while using

OSHDR130

ORP KIT Surgical Instruments

Driver Handle

• Used for hand tightening screws after connecting to a hand driver





Hand Driver

- Used for OrthAnchor procedure by connecting to Driver Handle or ratchet wrench
- · Available type: a general hex driver and a small head hand driver
- A small head hand driver is a product for optional purchase (not included in the KIT)





Hex



Machine Driver

- Connected to the engine for OrthAnchor procedure
- Available type: a general hex driver and a small head machine driver

L Type	Hex	Small Head	
Short(L)	OSMDA (21.4)	OSSMDA (21.4)	
Long (L)	OSMDB (31.4)	OSSMDB (31.4)	





x 5

ORP KIT Removal Tool

Removal Tool (Handle)

- Allows easy removal in the event of fracture of OrthAnchor
- Used by connecting to Universal Handle with reverse rotation
- Types selected according to the fracture screw diameter
- May be used for fractures of other manufacturers' screws
- Disposable. Do not reuse



D (Removal Screw)	Ø1.2	Ø1.4	Ø1.6	Ø1.8	Ø2.0
	OSRT 12H	OSRT 14H	OSRT 16H	OSRT 18H	OSRT 20H

Removal Tool (Engine)

- Allows easy removal in the event of fracture of OrthAnchor
- Used by connecting to a e-driver or a handpiece (engine) with reverse rotation
- Types selected according to the fracture screw diameter
- May be used for fractures of other manufacturers' screws
- Recommended torque: 35Ncm
- Recommended drilling speed: ≤100rpm



D (Removal Screw)	Ø1.2	Ø1.4	Ø1.6	Ø1.8	Ø2.0
	OSRT 12E	OSRT 14E	OSRT 16E	OSRT 18E	OSRT 20E





178 122 Taper KIT

179 122 Taper Full KIT

186 Taper KIT

187 Taper Ultra KIT

194 123 Straight Simple KIT

195 123 Straight KIT

196 123 Straight Full KIT

204 Ultra KIT

216 485 KIT

220 Assist KIT

222 Surgical Instrument

244 Prosthetic Simple KIT

245 Prosthetic KIT

254 CAS KIT

260 LAS KIT

261 LAS Full KIT

264 Denture 4U KIT

270 Positioning Guide KIT

271 Positioning Guide Full KIT

275 SmartGuide KIT

278 ESSET KIT

282 IM-Cure KIT

286 ESR KIT

287 ESR Full KIT

296 EFR KIT

297 EFR Full KIT

302 Dr.Cho's Instrument KIT

303 Osstem Basic Instrument KIT

306 Custom KIT

307 Healing Case

308 Osteo KIT

309 Osteotome KIT

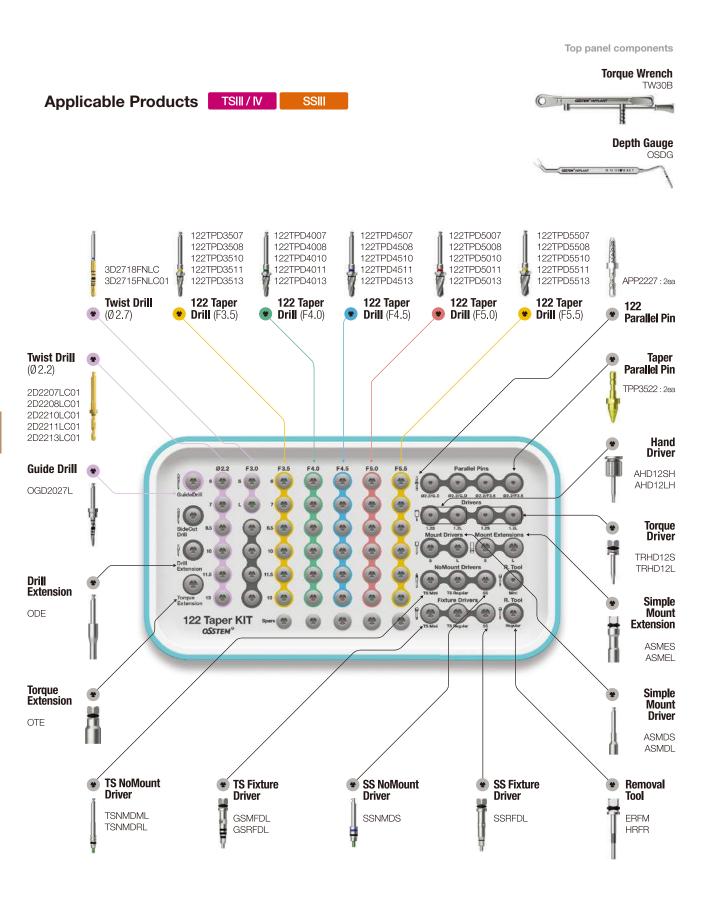
310 Sinus KIT

311 Bone Spreader KIT

312 Ridge Split KIT **Straight**

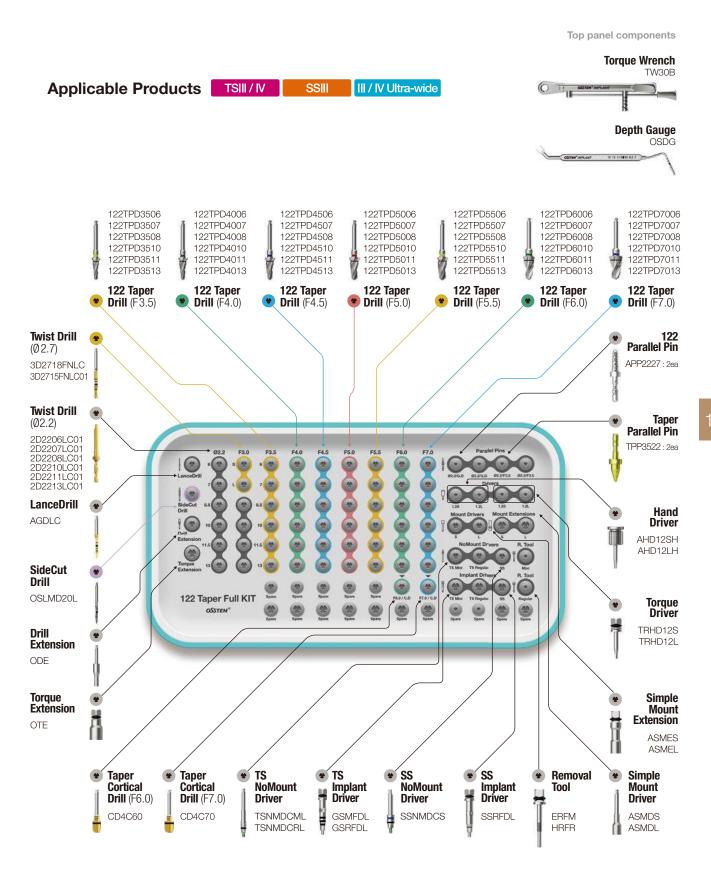
313 Ridge Split KIT **Offset**

122 Taper KIT (0122TPK)



 $[\]bullet$ More details on KIT components can be found in Surgical Instruments(222p~242p)

122 Taper Full KIT (0122TPFK)

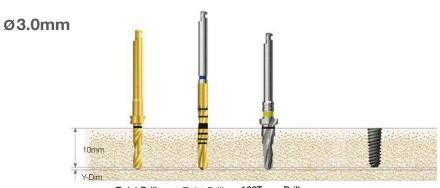


 $[\]bullet \ \text{More details on KIT components can be found in Surgical Instruments} (222p{\sim}242p)$

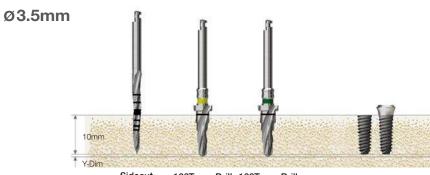
Drilling Sequence 122 Taper Drill

TSIII | SSIII

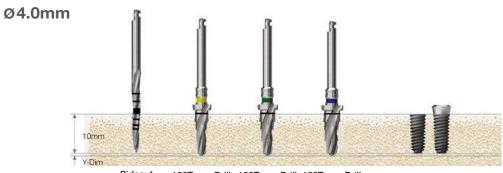
(Length: 10mm)



Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø2.7)	122Taper Drill (F3.5)	Ø3.0 Implant
Soft	•			
Normal	>	>		Implant Placement
Hard	>		>	

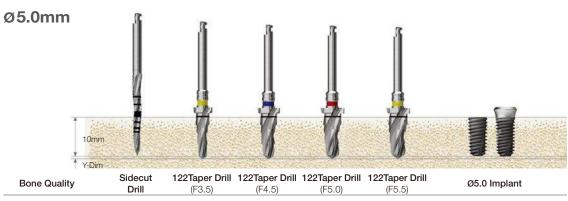


Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F4.0)	Ø3.5 Implant
Soft	>			
Normal	•	>		Implant Placement
Hard	•	>	>	

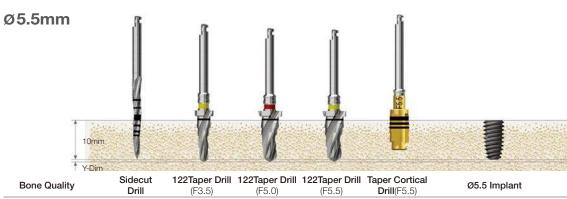


Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F4.0)	122Taper Drill (F4.5)	Ø4.0 Implant
Soft	•	>			
Normal	•	•	•		Implant Placement
Hard	>	>		>	

Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F4.0)	122Taper Drill (F4.5)	122Taper Drill (F5.0)	Ø4.5 Implant
Soft	•		>			
Normal	•	>		•		Implant Placement
Hard	•	•			>	

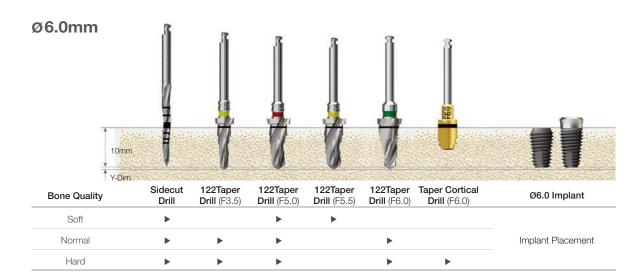


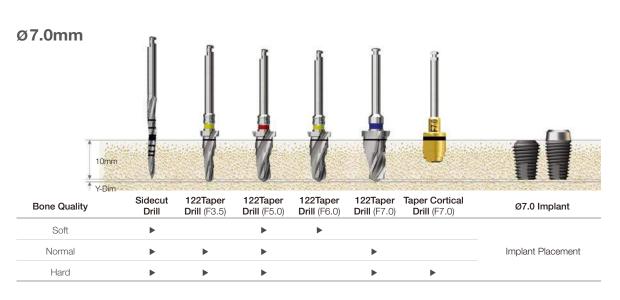
Drill	(F3.5)	(F4.5)	(F5.0)	(F5.5)	Ø5.0 Implant
•		>			
•	•		•		Implant Placement
•	>			>	



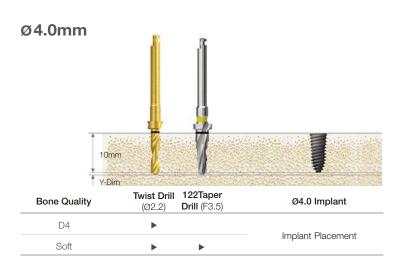
Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F5.0)	122Taper Drill (F5.5)	Taper Cortical Drill(F5.5)	Ø5.5 Implant
Soft	•		>			
Normal	•	•		•		Implant Placement
Hard	•	•		•	•	

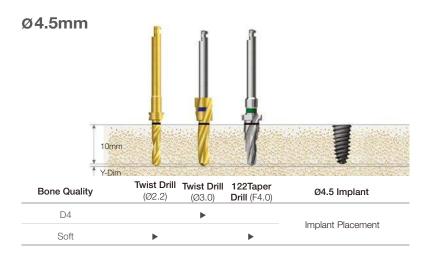
TSIII Ultra-wide | SSIII Ultra-wide

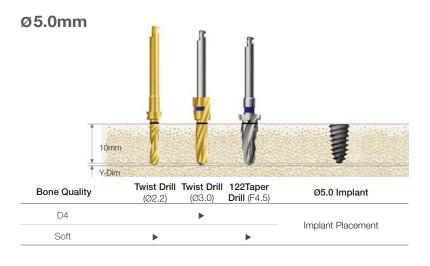




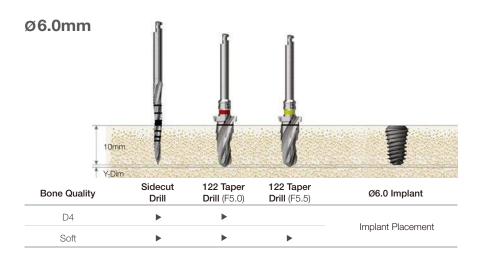
TSIV

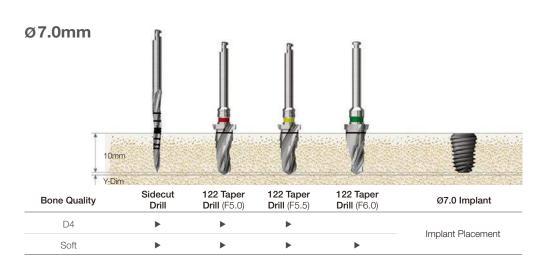




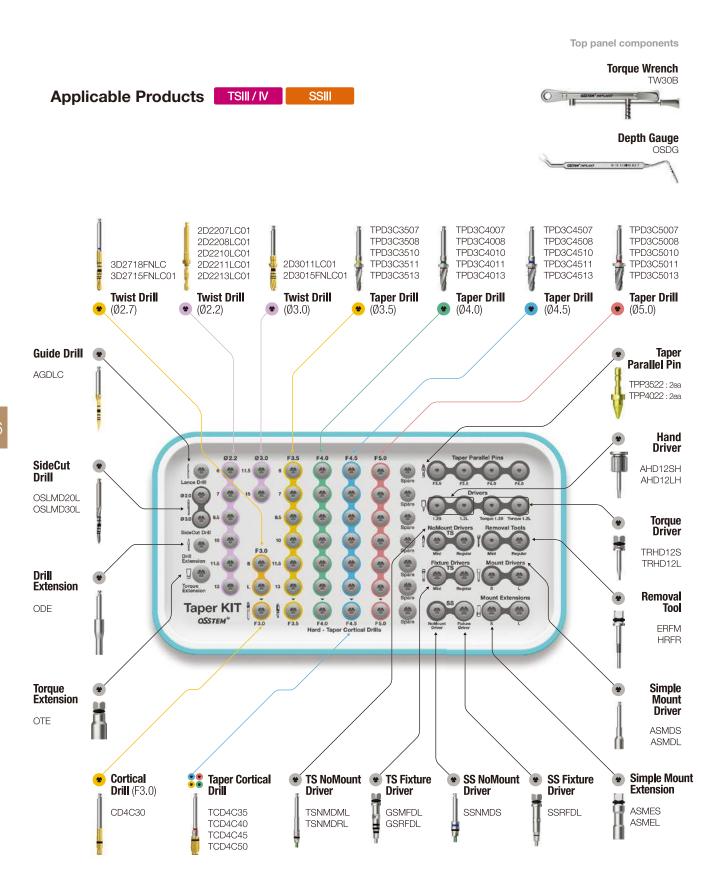


TSIV Ultra-wide





Taper KIT (OTSK)



 $[\]bullet \ \text{More details on KIT components can be found in Surgical Instruments} (222p{\sim}242p)$

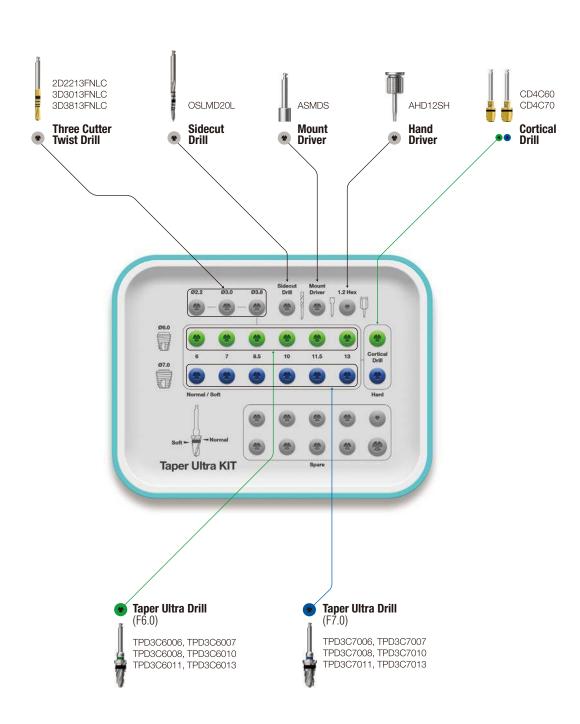
Taper Ultra KIT (HULTPK)

Applicable Products III Ultra-wide

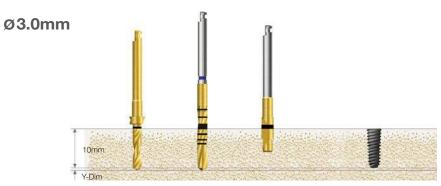
Open Wrench
SPOW

COSTEN OF THE PARK

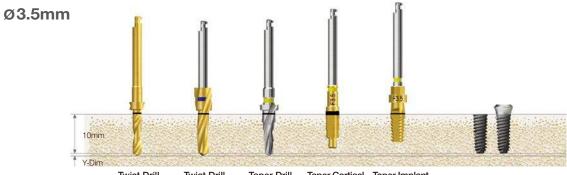
Ratchet Wrench
RCWC



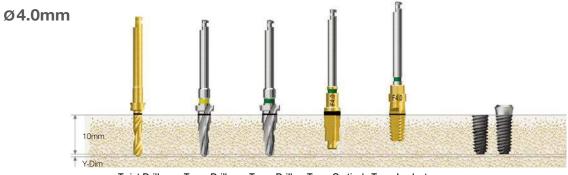
TSIII | SSIII



Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø2.7)	Cortical Drill (F3.0)	Ø3.0 Implant
Soft	•			
Normal	>	>		Implant Placement
Hard	•	•	>	



Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø3.0)	Taper Drill (F3.5)	Taper Cortical Drill (F3.5)	Taper Implant Tap (F3.5)	Ø3.5 Implant
Soft	>	•				
Normal	>		•			Implant Dissement
Hard	>		•	•		Implant Placement
Hard (Option)	>		•		>	



Bone Quality	Twist Drill (Ø2.2)	Taper Drill (F3.5)	Taper Drill (F4.0)	Taper Cortical Drill (F4.0)	Taper Implant Tap (F4.0)	Ø4.0 Implant	
Soft	>	•					
Normal	•	•	•				
Hard	>	•	•	•		Implant Placement	
Hard (Option)	>	>	•		>		

Taper cortical drill marking line : Bottom line for placing 8,5mm or greater implants, and top line for 10mm or greater implants **Recommended placement torque ≤ 40Ncm**

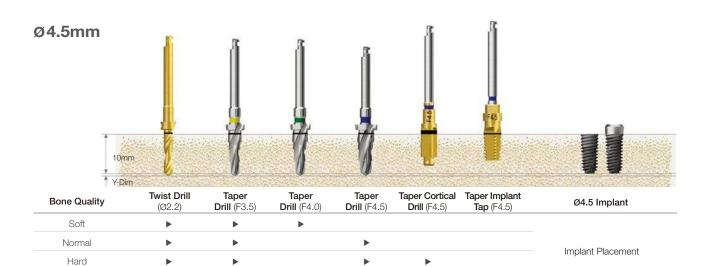
▶

Hard (Option)

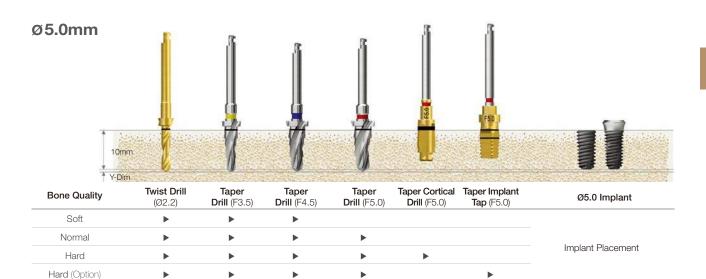
TS implant placement depth: For normal bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability

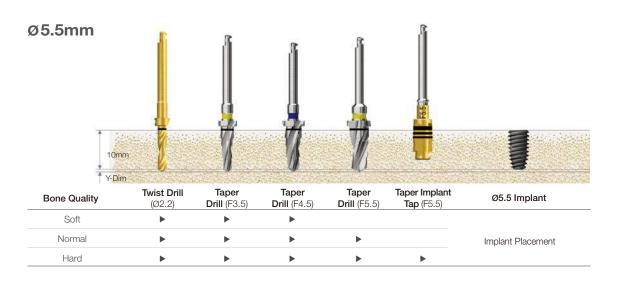
For implant tap used in hard bones, engine (25rpm recommended) is used or a torque wrench is used after assembling mount extension

(F5.0 Implant Tap: Bottom line for placing 7.0mm or smaller implants, and top line for 8.5mm or greater implants)

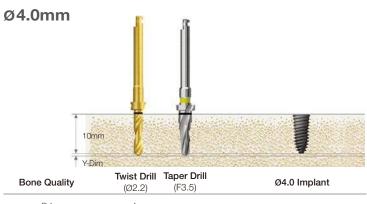


•

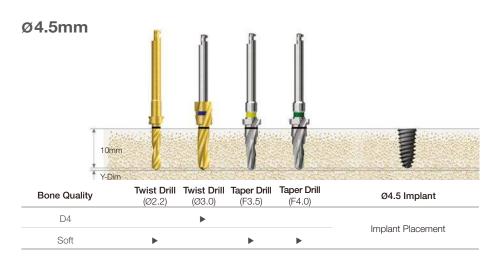


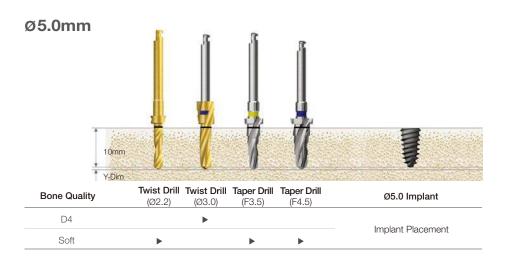


TSIV

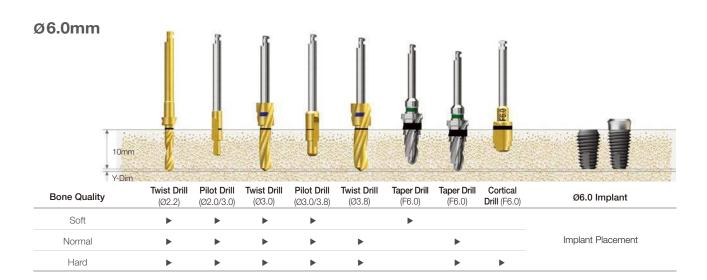


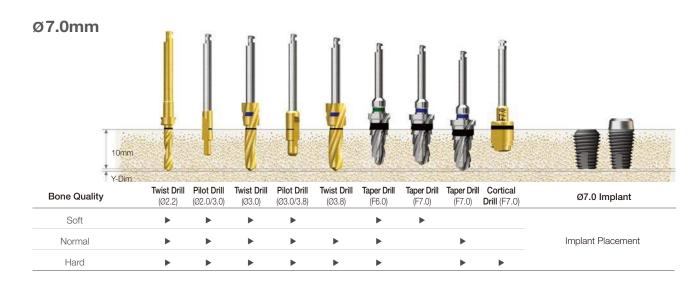




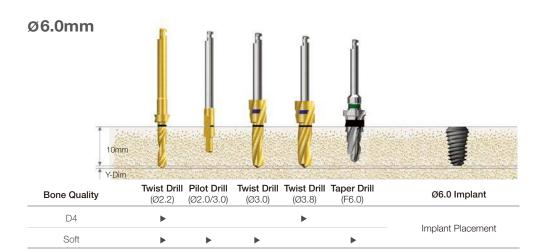


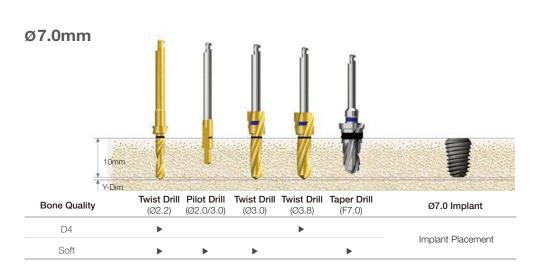
TSIII Ultra-wide | SSIII Ultra-wide





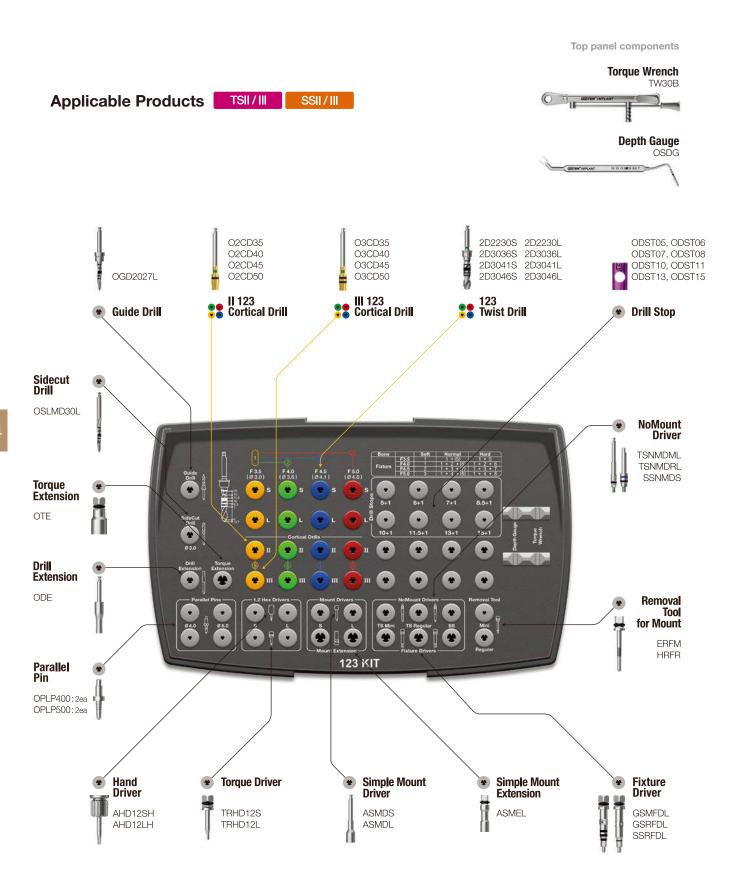
TSIV Ultra-wide





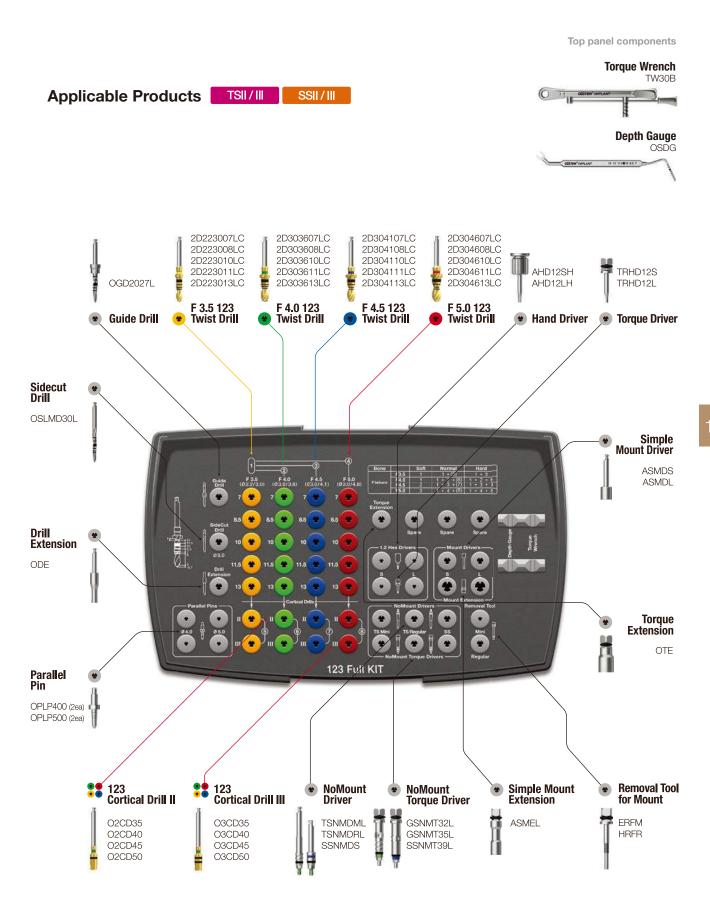


123 Straight Simple KIT (0123K)



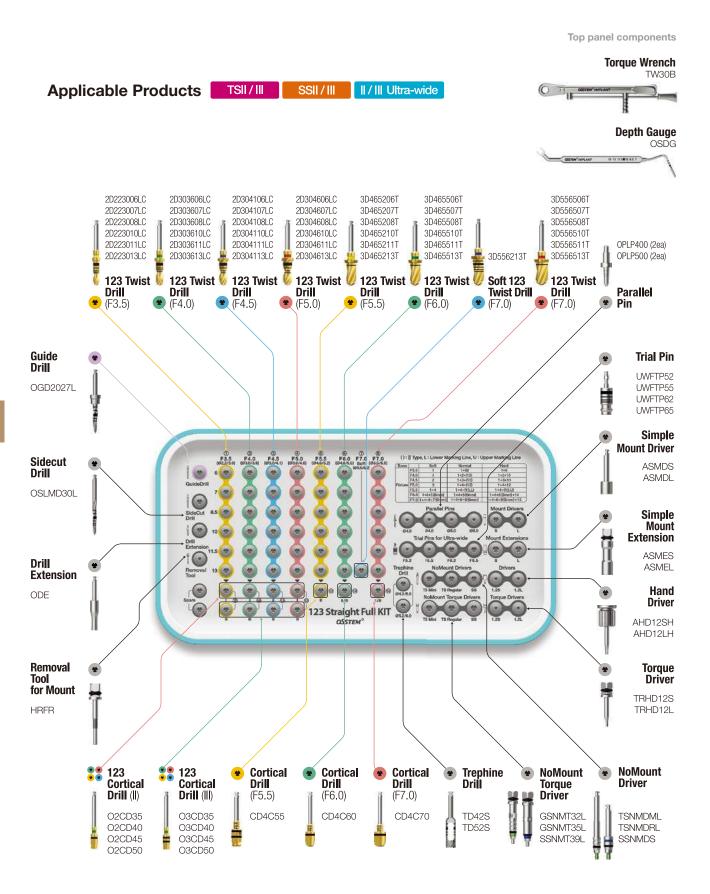
 $[\]bullet$ More details on KIT components can be found in Surgical Instruments(222p~242p)

123 Straight KIT (O123FK)



 $[\]bullet \ \text{More details on KIT components can be found in Surgical Instruments} (222p{\sim}242p)$

123 Straight Full KIT (0123STFK)



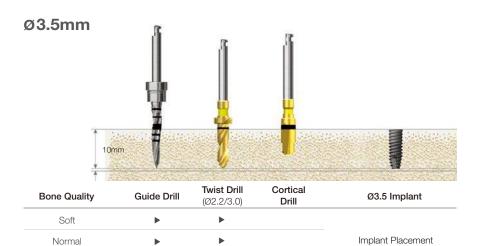
 $[\]bullet \ \text{More details on KIT components can be found in Surgical Instruments} (222p{\sim}242p)$

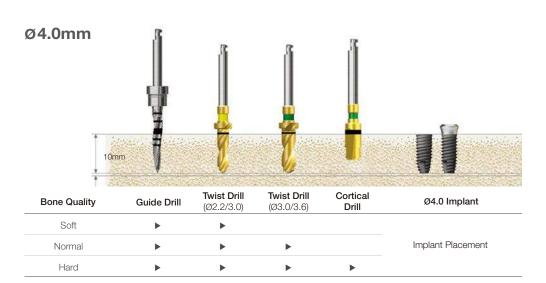
Drilling Sequence | Type 123 Twist Drill

TSII | SSII

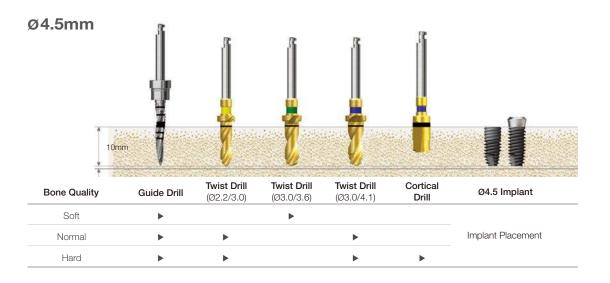
(Length: 10mm)

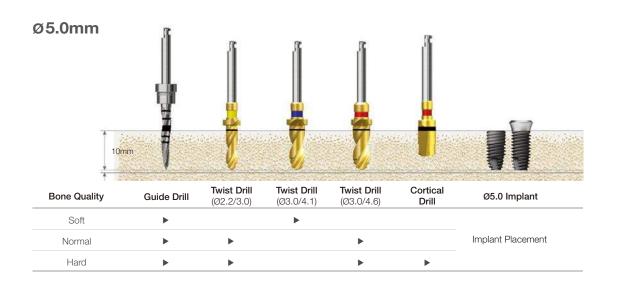
Hard





▶

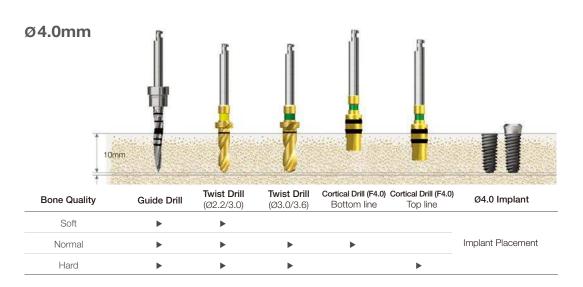


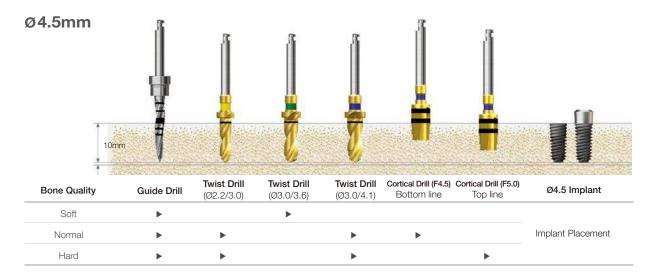


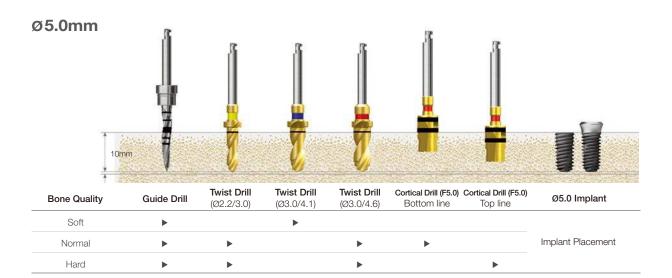
Drilling Sequence III Type 123 Twist Drill

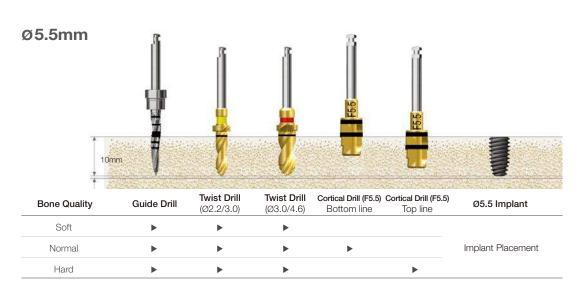
TSIII | SSIII





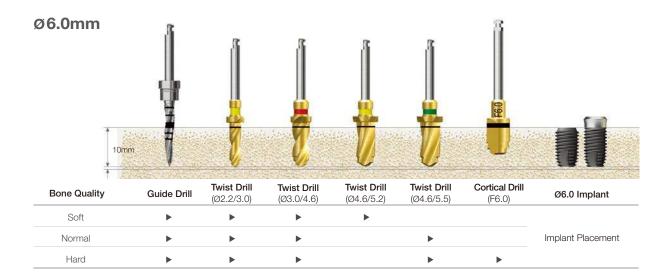


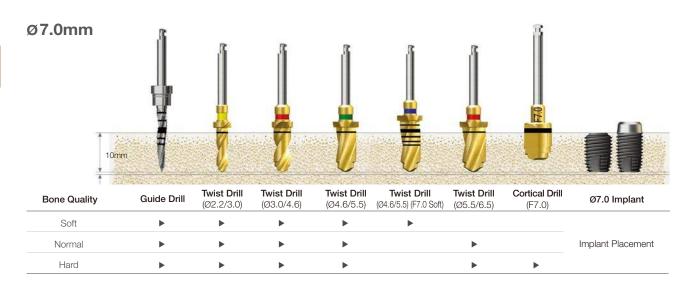




Drilling Sequence Ultra-wide 123 Twist Drill

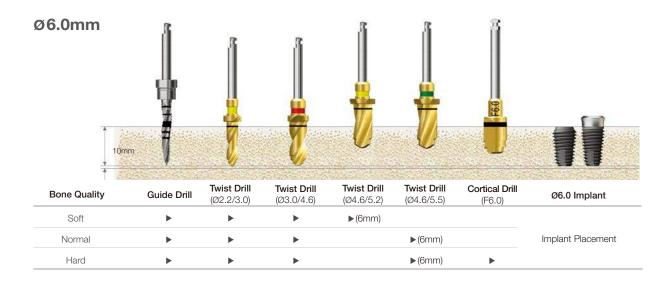
TSII Ultra-wide | SSII Ultra-wide

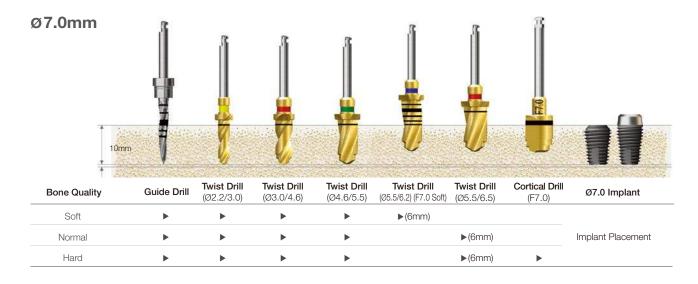




Drilling Sequence Ultra-wide 123 Twist Drill

TSIII Ultra-wide | SSIII Ultra-wide

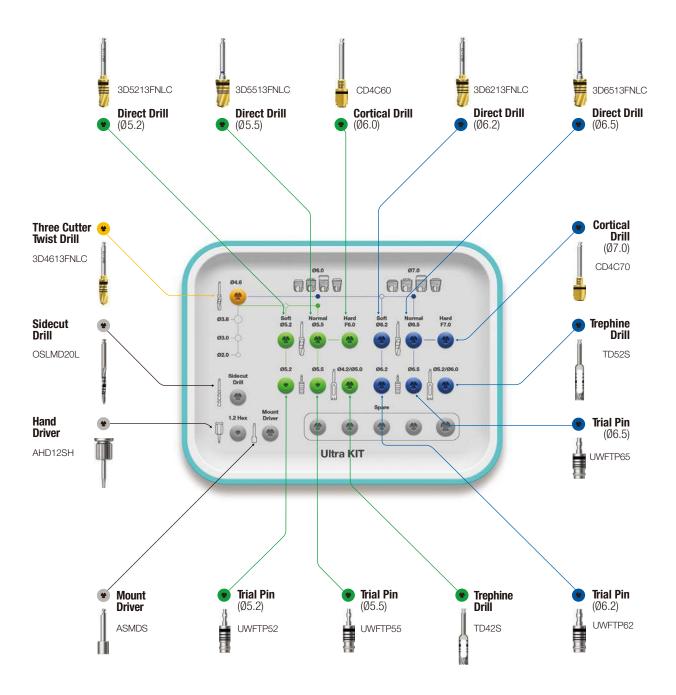




Ultra KIT (HULTRK)

Applicable Products Ultra-wide





 $[\]bullet$ More details on KIT components can be found in Surgical Instruments(222p~242p)

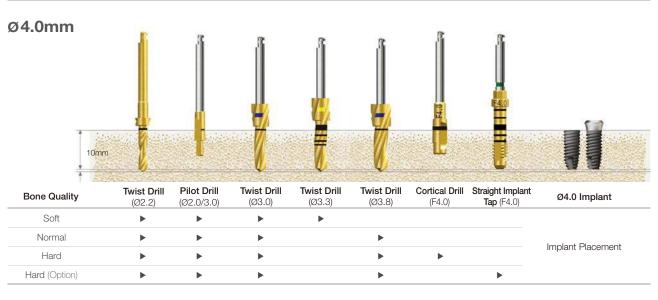


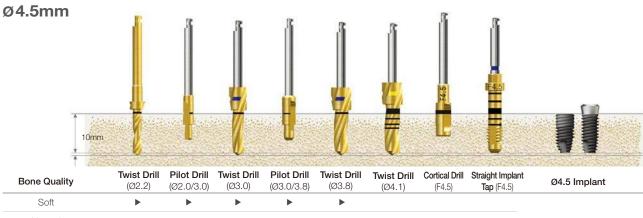
Drilling Sequence | Type Straight Drill

TSII | SSII

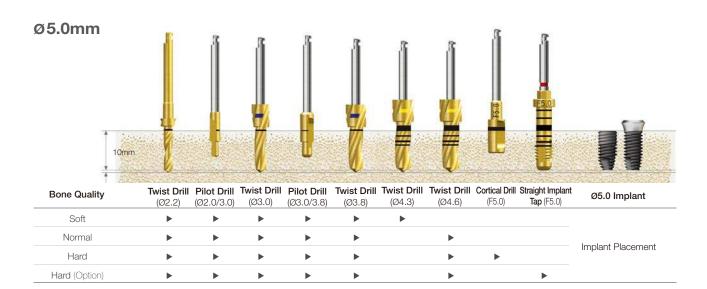


Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø2.7)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Cortical Drill (F3.5)	Straight Implant Tap (F3.5)	Ø3.5 Implant
Soft	>	•					
Normal	>		>	>			leadent Discourset
Hard	>		>	>	>		Implant Placement
Hard (Option)	>		>	>		>	





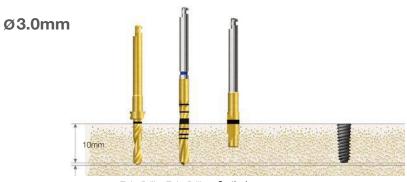
(Ø2.2)	(Ø2.0/3.0)	(Ø3.0)	(Ø3.0/3.8)	(Ø3.8)	(Ø4.1)	(F4.5)	Tap (F4.5)	Ø4.5 Implant
>	>	•	•	•				
>	•	•	>	•	•			Implant Placement
•	>	•	>	•	•	•		
>	•	>	>	>	>		>	
					(Ø2.2) (Ø2.0/3.0) (Ø3.0) (Ø3.0/3.8) (Ø3.8) ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶	(Ø2.2) (Ø2.0/3.0) (Ø3.0) (Ø3.0/3.8) (Ø3.8) (Ø4.1)	(Ø2.2) (Ø2.0/3.0) (Ø3.0) (Ø3.0/3.8) (Ø3.8) (Ø4.1) (F4.5)	



Recommended placement torque ≤ 40Ncm

Drilling Sequence III Type Straight Drill

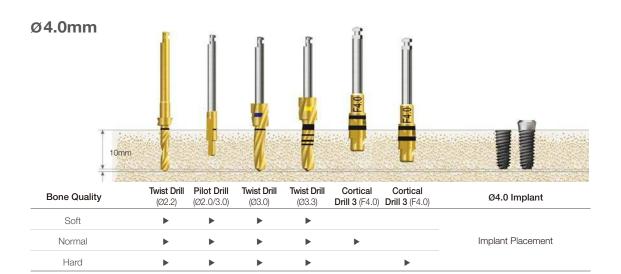
TSIII | SSIII



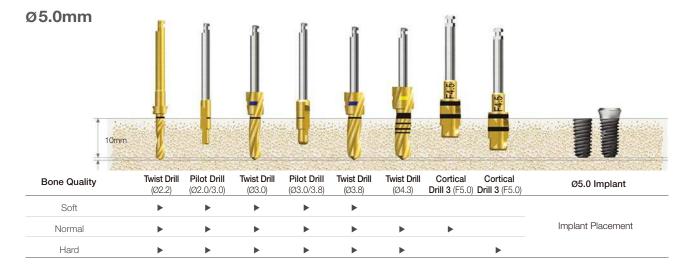
Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø2.7)	Cortical Drill 2 (F3.0)	Ø3.0 Implant
Soft	•			
Normal	•	•		Implant Placement
Hard	>	•	•	

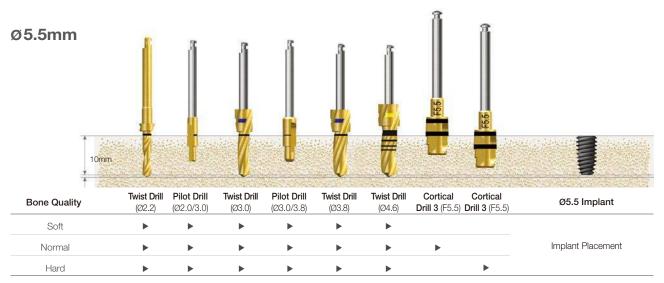


Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø2.2)	Cortical Drill 3 (F3.5)	Cortical Drill 3 (F3.5)	Ø3.5 Implant
Soft	•	•	•			
Normal	•	>	•	>		Implant Placement
Hard	>	>	•		•	



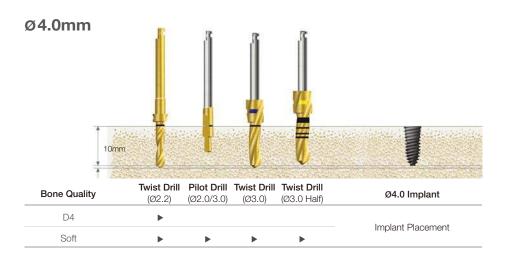


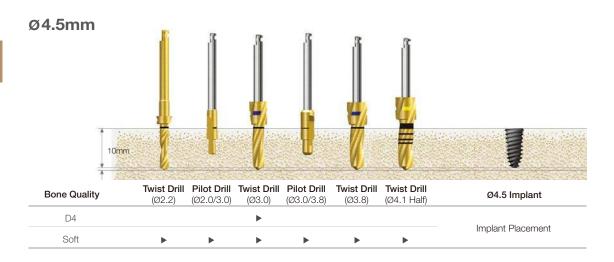


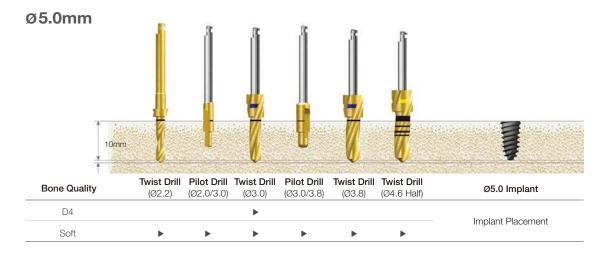


Drilling Sequence IV Type Straight Drill

TSIV

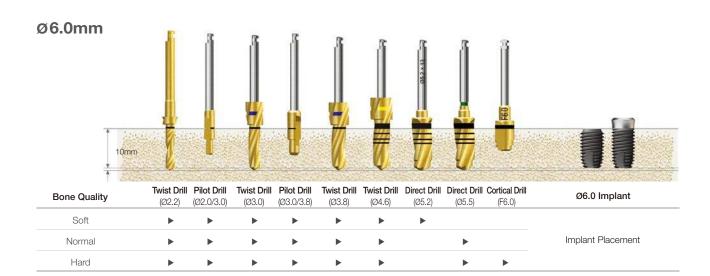






TSII Ultra-wide | SSII Ultra-wide

(Length: 10mm)





Recommended placement torque ≤ 40Ncm

TSII Ultra-wide | SSII Ultra-wide

(Length: 10mm)

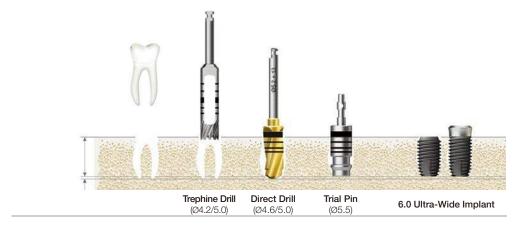
Ø6.0mm

Drilling sequence with trephine in the healed mature bone

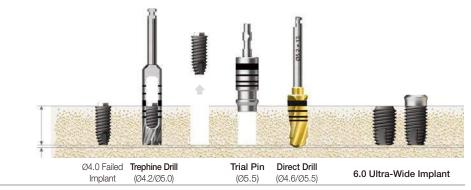


	CONTRACTOR OF THE STATE OF THE	TATALOG CONTROL OF CON	ART THE PERSON NAMED IN	DESCRIPTION OF THE RESERVE	
Bone Quality			Direct Drill (Ø4.6/5.5)	Cortical Drill (F6.0)	Ø6.0 Implant
Soft	•	>			
Normal	•		•		Implant Placement
Hard	>		•	•	

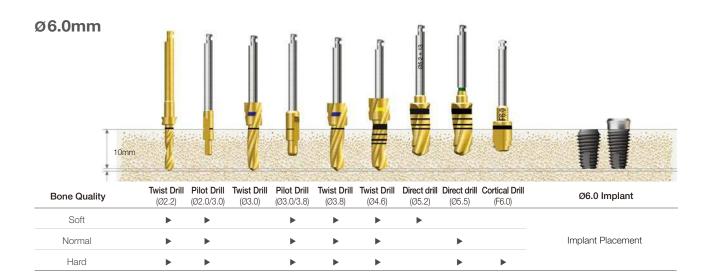
Immediate placement at the extraction socket



Immediate replacement of the failed implant

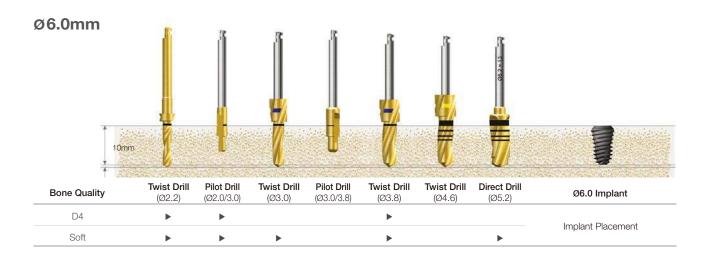


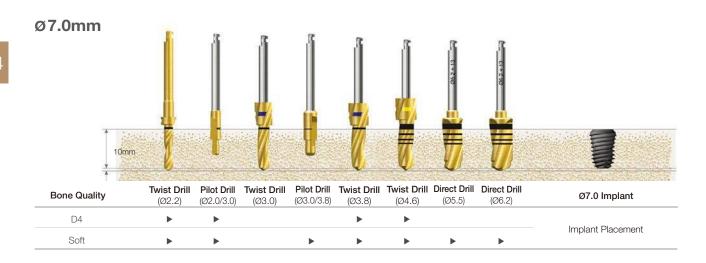
TSIII Ultra-wide | SSIII Ultra-wide



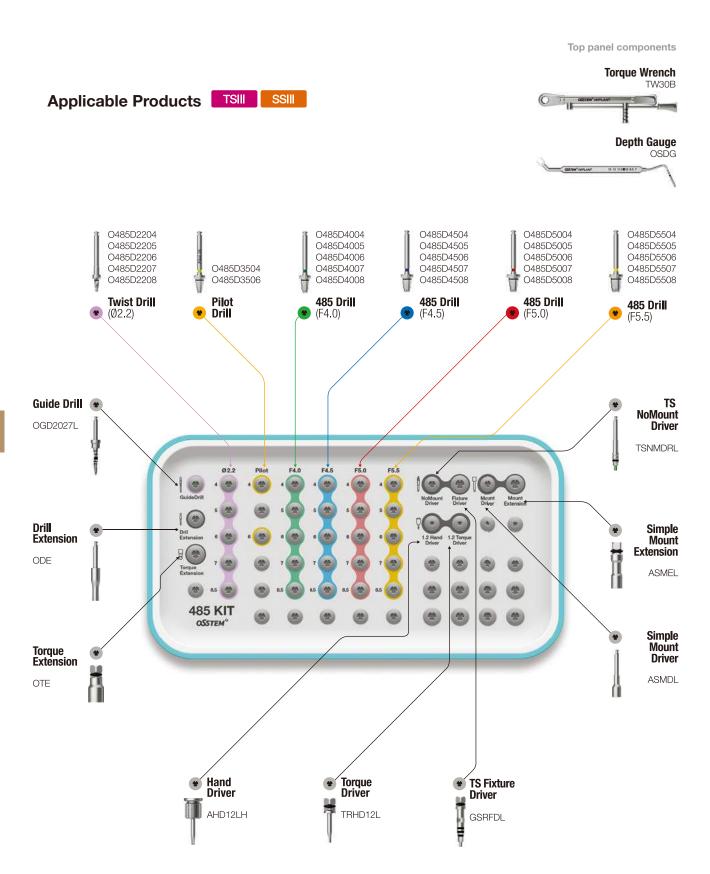


TSIV Ultra-wide







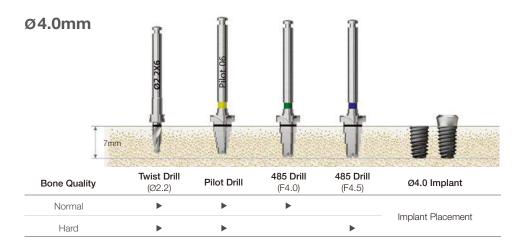


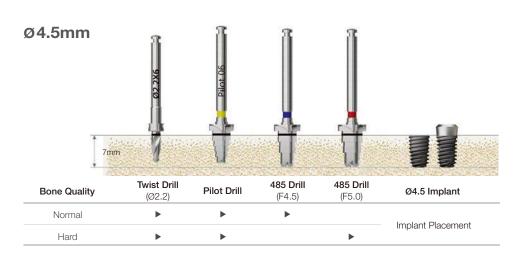


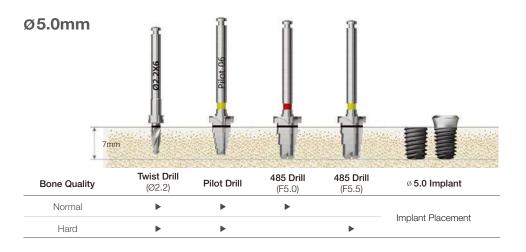
Drilling Sequence 485 Drill

TSIII | SSIII

(Length: 7mm)



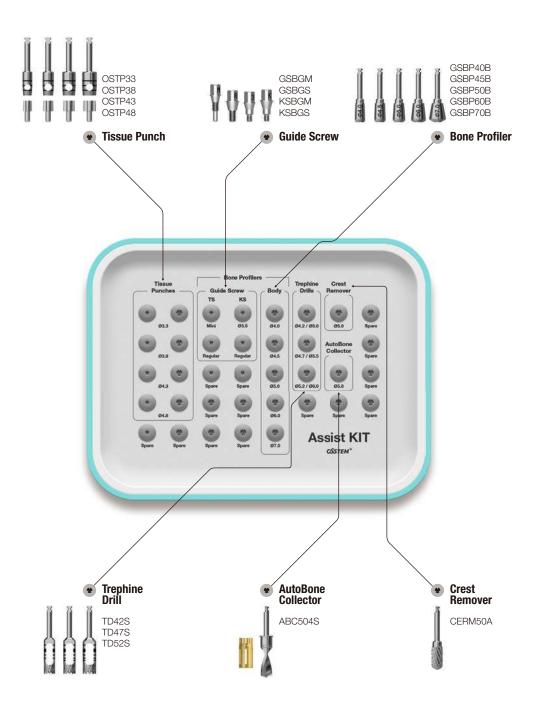






Assist KIT (OAK) NEW 2025

- Bone profilers are only sold in the packing unit of "Guide Screw + Bone Profiler"
- For information on the order code for TS / KS Bone Profiler, please see page 402



123 Guide Drill

- A drill for forming a hole to facilitate initial drilling
- Facilitating drilling depth adjustment by assembling a stopper

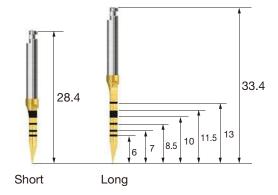




Lance Drill (Guide Drill)

- Forming a hole to facilitate initial drilling
- Bone density determined through drilling

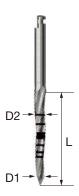
L	Short	Long
	AGDSC	AGDLC



Sidecut Drill

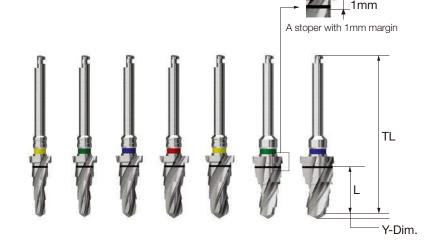
- A drill to remove the side parts with the cutting edge of the body
- Used for removing the ridge of a fresh extraction socket
- Facilitating site preparation of a fresh extraction socket

L <u>D1/D2</u>	Ø1.5/2.0	Ø2.0/2.5	Ø3.0/3.5
13	OSLM DS	OSLMD 20S	-
16.5	=	=	OSLMD 30L
20	OSLM DL	OSLMD 20L	-



122 Taper Drill

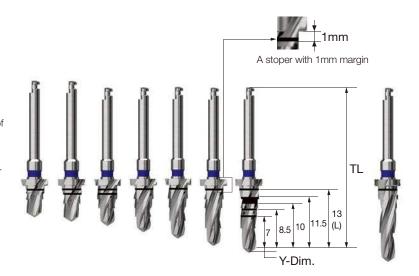
- Included in 122 Taper KIT
- A dedicated taper drill for taper (III type) implants types available for each diameter and length
- Color coded handle indicates the implant diameter
- A drill slightly larger in diameter is used for removing cortical bone from hard bone
- F = Final drill



L \	TL	F3.5	F4.0	F4.5	F5.0	F5.5	F6.0	F7.0
	Y-Dim.	0.7	0.9	1.0	1.0	1.0	1.0	1.0
4.0	29.5	122TPD 3504	122TPD 4004	122TPD 4504	122TPD 5004	122TPD 5504	=	=
5.0	29.5	122TPD 3505	122TPD 4005	122TPD 4505	122TPD 5005	122TPD 5505	-	-
6.0	30.5	122TPD 3506	122TPD 4006	122TPD 4506	122TPD 5006	122TPD 5506	122TPD 6006	122TPD 7006
7.0	31.5	122TPD 3507	122TPD 4007	122TPD 4507	122TPD 5007	122TPD 5507	122TPD 6007	122TPD 7007
8.5	33	122TPD 3508	122TPD 4008	122TPD 4508	122TPD 5008	122TPD 5508	122TPD 6008	122TPD 7008
10	34.5	122TPD 3510	122TPD 4010	122TPD 4510	122TPD 5010	122TPD 5510	122TPD 6010	122TPD 7010
11.5	34.5	122TPD 3511	122TPD 4011	122TPD 4511	122TPD 5011	122TPD 5511	122TPD 6011	122TPD 7011
13	36	122TPD 3513	122TPD 4013	122TPD 4513	122TPD 5013	122TPD 5513	122TPD 6013	122TPD 7013
15	38	122TPD 3515	122TPD 4015	122TPD 4515	122TPD 5015	122TPD 5515	-	-
Color		Yellow	Green	Blue	Red	Yellow	Green	Blue

Taper Drill

- Included in Taper KIT
- A dedicated taper drill for taper (III type) implants of each diameter and length
- A stopper drill with 1mm margin
- Color coded handle indicates the implant diameter
- F3.5: yellow, F4.0: green, F4.5: blue, F5.0: red, F5.5: yellow

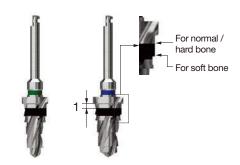


L	TL	F3.5	F4.0	F4.5	F5.0	F5.5
	Y-Dim.	0.8	0.9	1.0	1.0	1.0
5.0	29.5	TPD3C 3505	TPD3C 4005	TPD3C 4505	TPD3C 5005	-
6.0	30.5	TPD3C 3506	TPD3C 4006	TPD3C 4506	TPD3C 5006	TPD3C 5506
7.0	31.5	TPD3C 3507	TPD3C 4007	TPD3C 4507	TPD3C 5007	TPD3C 5507
8.5	33	TPD3C 3508	TPD3C 4008	TPD3C 4508	TPD3C 5008	TPD3C 5508
10	34.5	TPD3C 3510	TPD3C 4010	TPD3C 4510	TPD3C 5010	TPD3C 5510
11.5	34.5	TPD3C 3511	TPD3C 4011	TPD3C 4511	TPD3C 5011	TPD3C 5511
13	36	TPD3C 3513	TPD3C 4013	TPD3C 4513	TPD3C 5013	TPD3C 5513
15	38	TPD3C 3515	TPD3C 4015	TPD3C 4515	TPD3C 5015	TPD3C 5515
Color		Yellow	Green	Blue	Red	Yellow

Taper Ultra Drill

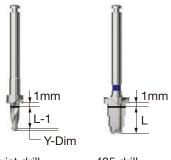
- Included in Taper Ultra KIT
- A dedicated taper drill for Taper Ultra-Wide implants of each diameter and length
- A stopper drill with 1mm margin
- Color coded handle indicates the implant diameter
- F = Final drill

L	F6.0	F7.0
6	TPD3C 6006	TPD3C 7006
7	TPD3C 6007	TPD3C 7007
8.5	TPD3C 6008	TPD3C 7008
10	TPD3C 6010	TPD3C 7010
11.5	TPD3C 6011	TPD3C 7011
13	TPD3C 6013	TPD3C 7013
Color	Green	Blue



485 Drill

- Included in 485 KIT
- A drill for placing short implants in alveolar bone lacking in vertical dimension
- \bullet Ø 2.2 drill : straight drill
- \bullet Except for Ø 2.2 drill, the top blade of the drill is in the shape of CAS Drill, and the side blade is in the shape of taper drill
- A stopper drill with 1mm margin
- Recommended drilling speed: 800~1,200rpm

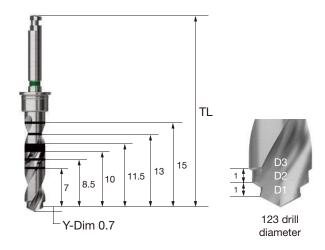


Twist drill	485 drill

L Type	Ø2.2	Pilot	F4.0	F4.5	F5.0	F5.5
4.0	O485D 2204	O485D 3504	O485D 4004	O485D 4504	O485D 5004	O485D 5504
5.0	O485D 2205	-	O485D 4005	O485D 4505	O485D 5005	O485D 5505
6.0	O485D 2206	O485D 3506	O485D 4006	O485D 4506	O485D 5006	O485D 5506
7.0	O485D 2207	=	O485D 4007	O485D 4507	O485D 5007	O485D 5507
8.5	O485D 2208	-	O485D 4008	O485D 4508	O485D 5008	O485D 5508

123 Twist Drill

- Included in 123 Straight Simple KIT
- A straight drill to reduce the number of drilling (marking drill)
- A color-coded handle of the 123 Drill indicates the drill diameter and the main implant used
- Facilitating drilling depth adjustment by assembling a stopper
- Use of a stopper is necessary because of the difficulty of controlling the depth due to excellent cutting force
- F = Final drill



		D1	/D2/D3	
TL\	F3.5(Ø2.2/3.0)	F4.0(Ø3.0/3.6)	F4.5(Ø3.0/3.6/4.1)	F5.0(Ø3.0/4.1/4.6)
34	2D2230FNS	2D3036FNS	2D3041FNS	2D3046FNS
40.4	2D2230FNL	2D3036FNL	2D3041FNL	2D3046FNL
Color	Yellow	Green	Blue	Red

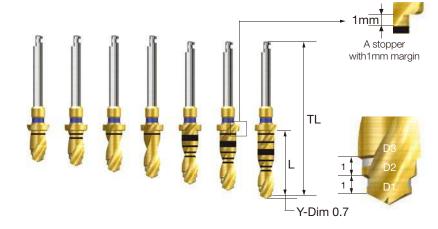
123 Drill Stopper

- Included in 123 Straight Simple KIT
- Number on the stopper indicates the protruding length of the tip when assembled to a drill or other instruments
- Color coded by length to facilitate estimation of the length and repositioning of the KIT



123 Twist Drill (Stopper Drill)

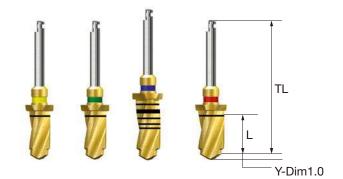
- Included in 123 Straight KIT/ 123 Straight Full KIT
- A straight drill to reduce the number of drilling (with stopper)
- A color-coded handle of the 123 Drill indicates the drill diameter and the main implant used
- F = Final drill



			D.	1/D2/D3	
L _	TL	F3.5 (Ø2.2/3.0)	F4.0 (Ø3.0/3.6)	F4.5 (Ø3.0/3.6/4.1) F5.0 (Ø3.0/4.1/4.6)
6	30.5	2D2230 06LC	2D3036 06LC	2D3041 06LC	2D3046 06LC
7	31.5	2D2230 07LC	2D3036 07LC	2D3041 07LC	2D3046 07LC
8.5	33	2D2230 08LC	2D3036 08LC	2D3041 08LC	2D3046 08LC
10	34.5	2D2230 10LC	2D3036 10LC	2D3041 10LC	2D3046 10LC
11.5	34.5	2D2230 11LC	2D3036 11LC	2D3041 11LC	2D3046 11LC
13	36	2D2230 13LC	2D3036 13LC	2D3041 13LC	2D3046 13LC
15	38	2D2230 15LC	2D3036 15LC	2D3041 15LC	2D3046 15LC
Color		Yellow	Green	Blue	Red

123 Ultra Twist Drill

- Included in 123 Straight KIT/123 Straight Full KIT
- A 2-stage drill with functions of both Pilot Drill and Twist Drill
- A straight drill to reduce the number of drilling (with stopper)
- A dedicated drill is used for F7.0 implant in soft bone
- F = Final drill



L \	TL	F3.5 (Ø4.6/5.2)	F6.0 (Ø4.6/5.5)	F7.0 Soft (Ø5.5/6.2)	F7.0 (Ø5.5/6.5)
6	30.5	3D4652 06T	3D4655 06T	=	3D5565 06T
7	31.5	3D4652 07T	3D4655 07T	-	3D5565 07T
8.5	33.5	3D4652 08T	3D4655 08T	-	3D5565 08T
10	34.5	3D4652 10T	3D4655 10T	=	3D5565 10T
11.5	34.5	3D4652 11T	3D4655 11T	-	3D5565 11T
13	36.0	3D4652 13T	3D4655 13T	3D5562 13T	3D5565 13T
Colo	r	Yellow	Green	Blue	Red

Twist Drill (Stopper Drill)

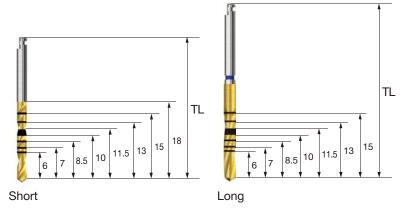
- Long stopper (6mm)
- : Enabling a procedure without drill extension for posterior region
- The color coded stopper indicates the drill length.



L \	TL I) Ø2.2	Ø3.0	Ø3.3	Ø3.6	Ø3.8	Ø4.1	Ø4.3	Ø4.6
	Y-Dim	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0
6	30.5	2D22 06LC	3D30 06LC	=	=	3D38 06LC	=	=	=
7	31.5	2D22 07LC01	3D30 07LC01	-	-	3D38 07LC01	=	-	=
8.5	33	2D22 08LC01	3D30 08LC01	-	-	3D38 08LC01	-	-	-
10	34.5	2D22 10LC01	3D30 10LC01	-	-	3D38 10LC01	=	-	=
11.5	34.5	2D22 11LC01	3D30 11LC01	3D33 11LC01	3D36 11LC01	3D38 11LC01	3D41 11LC01	3D43 11LC01	3D46 11LC01
13	36	2D22 13LC01	3D30 13LC01	-	-	3D38 13LC01	-	-	-

Twist Drill (Non Stopper Drill)

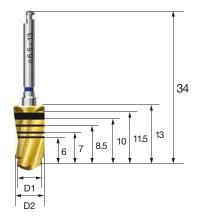
- Used for limited access for the Stopper Drill into the oral cavity
- See the image provided in the Non-stopper Drill section for the sizes of the drill marking lines for short/long types



TL D	Ø1.5	Ø2.0	Ø2.2	Ø2.7	Ø3.0	Ø3.3
33	2D15 18FNLC	2D20 18FNLC	2D22 18FNLC	3D27 18FNLC	3D30 18FNLC	3D33 18FNLC
41	=	=	2D22 15FNLC01	3D27 15FNLC01	3D30 15FNLC01	3D33 15FNLC01
TI \ D	Ø3.6	Ø3.8	Ø4.1	Ø4.3	Ø4.6	
TL D	Ø3.6 3D36 18FNLC	Ø3.8 3D38 18FNLC	Ø4.1 3D41 18FNLC	Ø4.3 3D43 18FNLC	Ø4.6 3D4618FNLC	

Direct Drill

- Included in Ultra KIT
- A 2-stage drill with functions of both Pilot Drill and Twist Drill
- Enabling final drilling without pilot drilling
- Increased primary stability in a fresh extraction socket with reduced dead space in the apex



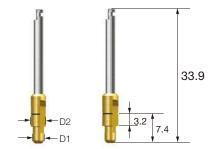
D1/D2	Ø4.6/5.2	Ø4.6/5.5	Ø5.5/6.2	Ø5.5/6.5
	3D5213FNLC	3D5513FNLC	3D6213FNLC	3D6513FNLC

Long Shank Pilot Drill

- · Used for adjusting the path of the drilling hole
- Maintains the previous drilling path for the next drilling

D1/D2 Ø2.0/2.7 Ø2.0/3.0 Ø3.0/3.8 Ø3.0/4.1

APD270C APD300C APD380C APD410C



Taper Cortical Drill

(Taper Implant TSIII, SSIII)

- · Included in Taper KIT
- A drill used for removing cortical bone from hard bone (used right after the use of Taper Drill)
- · A dedicated drill equipped for each implant diameter
- F3.5~5.0 drill marking line: bottom line for placing implants of 8.5mm or smaller, and top line for implants of 10mm or larger
- F5.5 drill marking line: bottom line for placing implants of 6mm or smaller, midline for 7mm implants, and top line for implants of 8.5mm or larger
- Drilling up to the lower marking line recommended
- F = Final drill



TCD4C35 TCD4C40 TCD4C45 TCD4C50 TCD4C55

Cortical Drill (Ultra-Wide)

- Included in Ultra KIT, 122 Taper / Taper KIT (for ultra-wide)
- A drill used for removing cortical bone from hard bone (for ultra-wide)
- \bullet A dedicated drill equipped for each implant diameter
- Drilling up to the lower marking line recommended
- F = Final drill



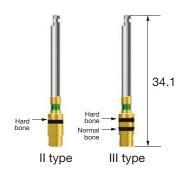




123 Cortical Drill

- Included in 123 Straight Simple KIT, 123 Straight KIT and 123 Straight Full KIT
- A drill used for removing cortical bone from hard bone
- Drilling up to the lower marking line recommended
- Il type marking line : for hard bone
- III type marking line : bottom line for normal bone, and top line for hard bone
- IV type marking line : for normal bone
- A color-coded handle of the 123 Drill indicates the drill diameter and the main implant used
- F = Final drill

Type	F3.5	F4.0	F4.5	F5.0
II	02CD 35	02CD 40	O2CD 45	O2CD 50
III	03CD 35	03CD 40	03CD 45	03CD 50
Color	Yellow	Green	Blue	Red



Cortical Drill 2 (TSII, SSII)

- A drill used for removing cortical bone from hard bone (For II type)
- · A dedicated drill equipped for each implant diameter
- Drilling up to the lower marking line recommended
- F = Final drill

F3.5	F4.0	F4.5	F5.0
CD2C35	CD2C40	CD2C45	CD2C50



Cortical Drill 3

(Taper Implant TSIII, SSIII)

- A drill used for expanding the cortical bone after the use of Straight Drill
- Used after forming the final drill hole in normal or harder bone
- A dedicated drill equipped for each implant diameter
- Marking line: bottom line for normal bone, and top line for hard bone
- Drilling up to the lower marking line recommended



F3.0 F3.5 F4.0 F4.5 F5.0 F5.5

23

Tapered Implant Tap

(Taper Implant TSIII, SSIII)

- A dedicated tap for Tapered Implant (III type)
- Used for hard bones, forming the implant thread shape
- A torque wrench is used after connecting to the engine (25rpm recommended) or a mount extension
- Tapping up to the bottom marking line recommended (For F5.0, the bottom line for placing 7.0mm or smaller implants, and top line for 8.5mm or greater implants)
- F = Final drill

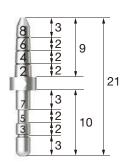
F3.5	F4.0	F4.5	F5.0
OFTS35	OFTS40	OFTS45	OFTS50



Parallel Pin (122 Taper Drill)

- Included in 122 Taper KIT
- A dedicated parallel pin for 122 Taper Drill
- Used for checking the position and direction of bone preparation
- \bullet Bottom part for the Ø2.2 drill, and top part for the guide drill

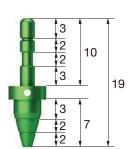




Parallel Pin (Taper Drill)

- Included in 122 Taper KIT and Taper KIT
- A dedicated parallel pin for Taper Drill
- Used for checking the position and direction of bone preparation
- Bottom part for implant diameter drill, top part for Initial Drill
- Color coded according to the implant diameter (F3.5 : yellow, F4.0 : green, F4.5 : blue, F5.0 : silver)

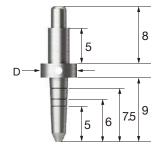
F3.5	F4.0	F4.5	F5.0	
TPP3522	TPP4022	TPP4522	TPP5022	



Parallel Pin (123 Drill)

- Included in 123 Straight Simple KIT, 123 Straight KIT and 123 Straight Full KIT
- Used for checking the position and direction of bone preparation
- Bottom part for Initial Drill, top part for F3.5(Ø2.2/3.0) Drill

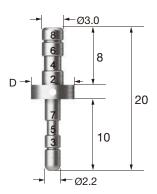
D	Ø4.0	Ø5.0	
	OPLP400	OPLP500	



Parallel Pin

• Used for checking the position and direction of bone preparation

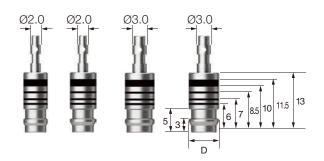
D	Ø4.0	Ø5.0	Ø6.0	Full Set
	APP400	APP500	APP600	APPS



Trial Pin (Ultra-wide)

- 123 straight full kit, Included in Ultra KIT
- Checking the internal width and depth of a fresh extraction socket or a failed implant socket
- Checking the drilling depth after using Direct Drill as the final drill
- Used as Parallel Pin

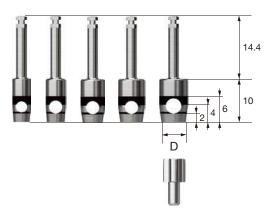




UWFTP52 UWFTP55 UWFTP62 UWFTP65

Tissue Punch

- · Included in Assist KIT
- Instrument used for flapless surgery
- Marked at 2mm intervals for measuring gingival height
- Packing unit : tissue punch + guide pin
- W Using Tissue Punch with a diameter smaller by 0.7~1.5mm
 than the Healing Abutment is recommended
- Recommended drilling speed: 1,000~ 1,200rpm



D	Ø3.3	ø3.8	Ø4.3	Ø4.8	ø5.3
	OSTP33	OSTP38	OSTP43	OSTP48	OSTP53
TS	Ø 4.0/4.5	ø 4.5/5.0	Ø 5.0	Ø 6.0	Ø 6.0
SS	-	Ø 4.8	-	Ø 6.0	Ø 6.0
US	Ø 4.0	Ø 5.0	Ø 5.0	Ø 6.0	Ø 6.0

For healing abutment applications

Bone Profiler (TS)

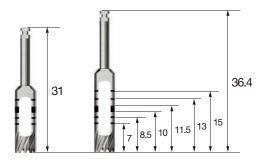
- Included in Assist KIT
- Used for removing bone around the implant for the 1st and 2nd stage surgery
- Used by connecting Guide Screw to the implant and removing the bone to adjust the shape of the Healing Abutment
- Guide Screw protecting the morse taper entrance of the implant
- Packing unit : bone profiler + guide screw
- Recommended drilling speed: 50rpm
- C = Connection



C D (Healing Abutment)	Ø4.0	Ø4.5	Ø5.0	Ø6.0	Ø7.0
TS Mini/Regular	GSBP40	GSBP45	GSBP50	GSBP60	GSBP70
	Mini+Regular	Mini+Regular	Regular	Regular	Regular

Trephine Drill

- Included in Assist KIT
- Used for bone collection or for removing damaged or failed implants
- Used for removing septal bone
- Used as an Initial Drill for Ultra-wide implants
- Recommended drilling speed: 1,000~1,200rpm

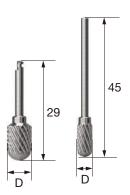


L D (Inner/Outer)	3.7/4.5	4.2/5.0	4.7/5.5	5.2/6.0	5.7/6.5	6.2/7.0	
Short	TD37S	TD42S	TD47S	TD52S	TD57S	TD62S	
Lona	TD37	TD42	TD47	TD52	TD57	TD62	

Crest Remover

- · Included in Assist KIT
- Marking the implant placement position after removing the narrow alveolar ridge horizontally
- Recommended drilling speed Angled type: 1,200~1,500rpm
- Straight type : 15,000~30,000rpm

L D	Ø5.0	Ø7.0
29	CERM50A	CERM70A
45	CERM50S	=



AutoBone Collector®

- Included in Assist KIT
- Used for autogenous bone collecting
- Comes in a Drill + Stopper set
- Recommended drilling speed : 300~600rpm
- \bullet Number of uses for the drill and stopper: 50 times
- ** Before initial drilling, connect the stopper to the first stage locking and harvest autogenous bone while drilling 4mm into the second stage locking (after harvesting, stop the drill and remove it as is with autogenous bone kept in the stopper)



L D	Ø3.0	Ø4.0	Ø5.0	Ø6.0
Short (18.94)	ABC 304S	ABC 404S	ABC 504S	ABC 604S
Long (21.94)	ABC 304L	ABC 404L	ABC 504L	ABC 604L

Drill Extension

- Extending the length of a drill or other hand piece tool (drill extended by 16.9mm)
- Risk of bending or fracture upon exerting excessive force on inadequate assembly
- Common component of Taper KIT and Straight KIT

L (Extention)	16.9	
	ODF	



TS NoMount Driver

- Driver directly connected to the fixture upon placing with a surgical hand piece
- \cdot C = Connection

L C	Mini	Regular
Short	TSNMDMS	TSNMDRS
Long	TSNMDML	TSNMDRL
Ex.Long	TSNMDME	TSNMDRE

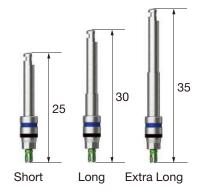




SS NoMount Driver

- Driver directly connected to the fixture upon placing with a surgical hand piece
- C = Connection

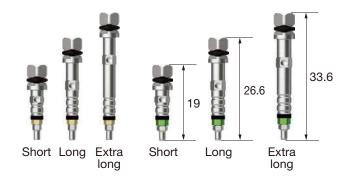
L C	Regular/Wide
Short	SSNMDS
Long	SSNMDL
Ex.Long	SSNMDE



TS NoMount Torque Driver

- Driver directly connected to the implant upon placing with a wrench
- Make sure to check and confirm proper assembly before use
 (Risk of fracture even at low torque in case of inadequate assembly)
- Note that it cannot be removed in case of fracture
- \cdot C = Connection

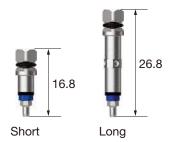
L C	Mini	Regular
Short	GSNMT32S	GSNMT35S
Long	GSNMT32L	GSNMT35L
Ex.Long	GSNMT32E	GSNMT35E



SS NoMount Torque Driver

- Driver directly connected to the implant upon placing with a wrench
- Make sure to check and confirm proper assembly before use (Risk of fracture even at low torque in case of inadequate assembly)
- Note that it cannot be removed in case of fracture
- C = Connection

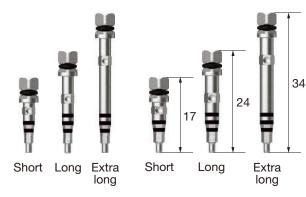
L C	Regular/Wide	
Short	SSNMT39S	
Long	SSNMT39L	



TS Implant Driver

- Used by assembling directly to the implant for final placement depth adjustment or removal
- C = Connection

L C	Mini	Regular
Short	GSMFDS	GSRFDS
Long	GSMFDL	GSRFDL
Ex.Long	GSMFDE	GSRFDE



SS Implant Driver

- Used by assembling directly to the implant for final placement depth adjustment or removal
- C= Connection

L C	Regular/Wide
Short	SSRFDS
Long	SSRFDL
Ex.Long	SSRFDE



Simple Mount Driver

• Used by assembling to the simple mount for implant placement

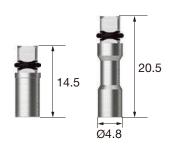




Simple Mount Extension

• Used by connecting to a wrench for extending the simple mount length or applying torque manually





Torque Extension

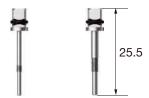
• Extending the length of the instrument used by connecting to a wrench (extension by 10mm)



Removal Tool (Implant Mount)

- Used after removing mount screw in case of jamming between the implant and mount
- Used by assembling to the driver handle and torque wrench
- · Removing mount by rotating forwarding after inserting vertically
- App = Application

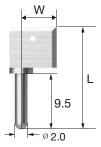




Positioning Guide

- Instrument facilitating drilling interval setting for implant placement
- Placed into the hole for use after initial drilling
- Packing unit : individual component or in a set





Tissue Height Gauge (TS)

• Instrument to measure the gingival height by assembling to the implant connection for top G/H selection in TS implant placement





Depth Gauge

- Used for measuring the drilling depth (7-15mm) or as an open wrench
- A common component of 122 Taper & Taper KIT





Simple Open Wrench

- Used for removing a simple mount from weak bone
- Easy intraoral placement with a neck angle of 30°



ASOW

Ratchet Wrench

- A dedicated wrench for anti-reverse procedure
- Excessive torque exertion may result in internal damage to bone or implant

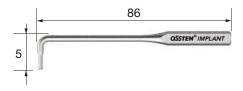




L-Wrench

- 1.2 hex driver for overcoming narrow spacing
- Torque indication : 5~8Ncm torque at the level when the wrench appears to be bent a little (within 10°)





Torque Wrench (Spring Type)

- Wrench to apply a constant torque (10/20/30Ncm) to screws and abutments
- When the set torque is applied, the neck of the Torque Wrench is bent for indication
- If a continuous force is applied while the neck is bent, it will cause application of excessive torque, resulting in screw fracture.



Torque Wrench (Bar Type)

- Used for adjusting the implant placement position and tightening screws and abutments
- Applying torque according to the line marked with the torque value to be applied by pulling the bar





Torque Wrench Set

- A set of a two-way Torque Wrench and a Torque Connector
- Applying forward/reverse torque by rotating the Torque Wrench handle without removing the connector
- Compatible with the Machine Driver connector of OSSTEM
- Applying torque according to the line marked with the torque value to be applied by pulling the bar
- Packing unit : changeable torque wrench + torque connector

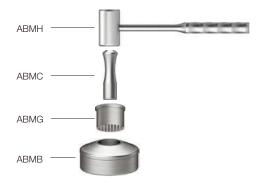




Bone Mill

• Forming particulate bone with collected autogenous bone





Anterior Hand Driver (Implant)

- Instrument for manual placement in anterior region
- Used by connecting to a NoMount Torque Driver or Implant Driver
- Excessive torque may result in fracture of the implant or driver



Torque Handle

- Manual instrument used by connecting to the contra-angle hand piece (1:1 gear ratio for hand piece)
- Used for tightening screws such as Healing Abutment, Cover Screw, Abutment Screw, and Orthodontic Screw (used for temporary tightening of Abutment Screw, which requires final tightening with a Torque Wrench)
- Excessive torque may result in fracture or malfunction of the hand piece

	TQHD	



Torque Connector

• Connector for connecting the torque square driver with a two-way Torque Wrench





Machine Driver Connector

• Connector for connecting the Machine Driver with a two-way Torque Wrench





Driver Handle

• Used by connecting to the Torque Driver





Machine Driver Handle

• Enabling hand rotation by connecting to any surgical instrument for engine





Finishing Reamer Set

• Used for removing lip from the inside of the casted body after casting plastic coping

FRSC



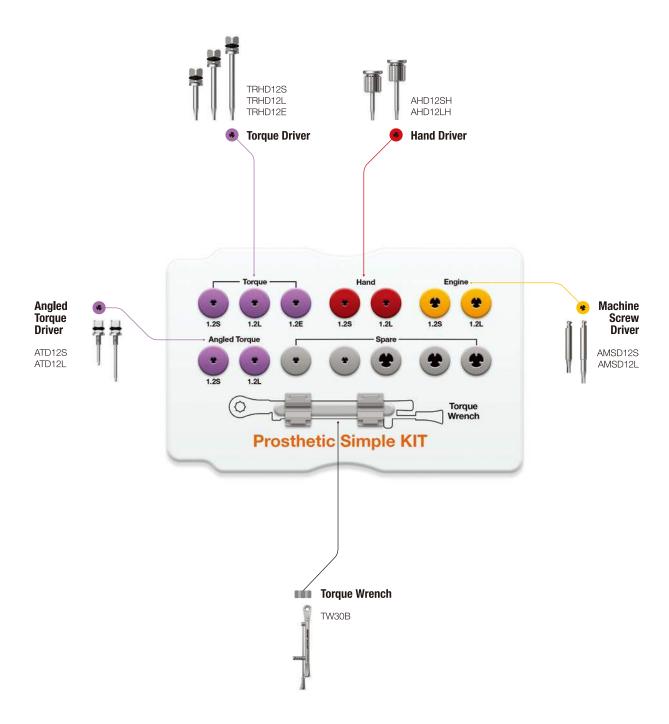
Reamer user guide

- Connected to the casted burn-out cylinder by selecting the reamer tip of the same size as the abutment
- size as the abutment
 2. Rotating the reamer bite with constant force by holding the casted body
- 3. Reaming until no cutting occurs





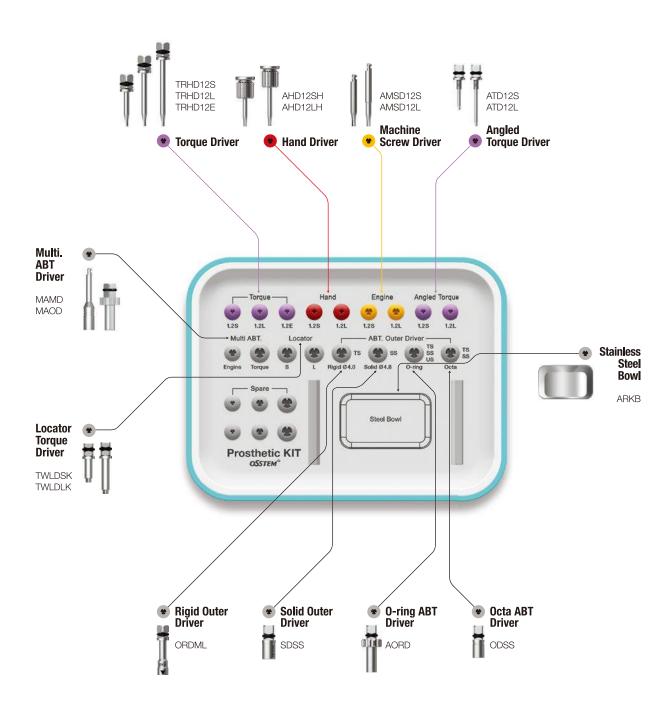
Prosthetic Simple KIT (OPSK)



Prosthetic KIT (OPK)

Top panel components

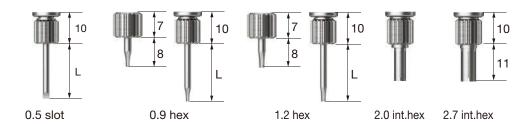




Prosthetic KIT Surgical Instruments

Hand Driver

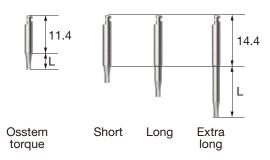
- Manual driver
- Tip holding feature (except internal hex type)
- Internal hex type length:11



L Type	0.5 Slot	0.9 Hex	1.2 Hex	2.0 Int.Hex	2.7 Int.Hex
Ex.Short(8)	=	AHD 09MSH	AHD12MSH	-	-
Short (13)	ASD 05SH	AHD 09SH	AHD12SH	IHD 20H	IHD 27H
Middle (15)	=	=	AHD 12MH	=	=
Long (18)	ASD 05LH	AHD 09LH	AHD 12LH	=	-
Ex.Long (25)	=	=	AHD 12EH	=	=

Machine Screw Driver

- Driver for engine
- Tip holding feature (except internal hex type)
- Internal hex type length: 8



L Type	0.5 Slot	0.9 Hex	1.2 Hex	2.0 Int.Hex	2.7 Int.Hex
Osstem Torque (5)	-	-	OTH12S	-	-
Short (5.6)	AMSD 05S	AMSD 09S	AMSD12S	-	=-
Long (11.6)	AMSD 05L	AMSD 09L	AMSD12L	EIHD 20	EIHD 27
Ex.Long (17.6)	-	-	AMSD12E	=	-

Application

For driver applications (Commonly used for Hand, Machine Screw, and Torque Drivers)

Cover screw (US mini)

Healing abutment, Gold/NP-Cast abutment, Cemented abutment screw, Mount screw

Esthetic abutment screw Regular, Esthetic-low abutment screw, standard

Wide esthetic-low abutment screw

Torque Driver

- A driver for Torque Wrench assembly
- Tip holding feature
- Compliance to the recommended torque is required(excessive torque may result in fracture)
- Risk of fracture even at low torque in case of inadequate assembly
- Exerting torque with the driver straight up is required (with no tilting)
- Be sure to replace any bent tips due to extended use or excessive torque application



L Type	0.5 Slot	0.9 Hex	1.2 Hex	2.0 Int.Hex	2.7 Int.Hex
Ex.Short(8)	-	-	TRHD12MS	-	-
Short (13)	TRSD 05S	TRHD 09S	TRHD12S	TIHD20S	-
Middle (15)	-	=	TRHD12M	-	-
Long (20)	TRSD 05L	TRHD 09L	TRHD 12L	TIHD 20L	TIHD 27
Ex.Long (25)	TRSD 05E	=	TRHD 12E	=	=

Angled Torque Driver

- A driver for Torque Wrench assembly
- · No holding feature
- Recommended tightening torque: 30Ncm (excessive torque may result in fracture)
- Do not remove the tube preventing debris upon fracture
- Recommended number of use cycles: 10 times
- Set : 3ea

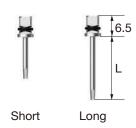
L Type	1.2 Hex	1.2 Hex (Set)
Short (13)	ATD12S	ATD12S3S
Long (20)	ATD12L	ATD12L3S



Repair Torque Driver

- Handle diameter reduced compared to Torque Driver (\emptyset 2.1 \rightarrow \emptyset 1.6)
- Enables minimization of crown hole diameter for prosthesis repair or SCRP procedure

L Type	1.2 Hex
Short (13)	TRHD12SR
Long (20)	TRHD12LR



Prosthetic KIT Surgical Instruments

Solid Abutment Driver

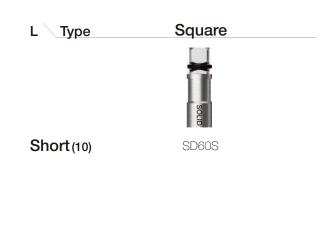
- · A dedicated driver for Solid Abutment
- Applying torque after inserting the groove of the Solid Abutment to the part of the driver with a triangular marking
- Recommended tightening torque: 30Ncm



Regular



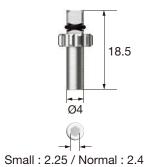
Wide



O-ring Abutment Driver

• A dedicated driver for O-ring Abutment

Small	Normal	
STAOD	AORD	



Rigid Outer Driver

- · A dedicated driver for Rigid Abutment
- Recommended tightening torque: 30Ncm

L D (Abutment)	Ø4.0	Ø4.5	Ø5.0	Ø6.0
Short (16.5)	ORDMS	ORD45S	ORDRS	ORDWS
Long (21.5)	ORDML	ORD45L	ORDRL	ORDWL



Excellent Solid Abutment Driver

- A dedicated driver for Excellent Solid Abutment
- Applying torque after inserting the groove of the Excellent Solid Abutment to the part of the driver with a triangular marking
- Recommended tightening torque: 30Ncm



Regular

L Type	Square	Round
	800	8000
Short (6)	ESDSS	ESDRS
		SOLID
Long (12)	ESDSL	ESDRL

Wide

Square	
ESD60S	

Octa Abutment Driver

- A dedicated driver for Octa Abutment
- Recommended tightening torque: 30Ncm

L Type	Square	Round
Short	ODSS	ODRS
Long	ODSL	ODRL









Prosthetic KIT Surgical Instruments

Multi Abutment Machine Driver

A dedicated Machine Driver for Multi Abutment

MAMD



Abutment Holder

• Supplementary instrument for convenient connection of a 2-piece abutment which is difficult to hold with a hand in all intraoral regions

OABH



Abutment Positioning Driver

- Used for assembling the abutment in the prosthetic process after placing an implant ** For Transfer Abutment only
- Function to help convenient and stable mounting and tightening of the abutment being pushed away by gingiva
- \bullet Used according to the H and G/H lengths of the abutment to be removed as shown below

(Unit:mm)



Range of use	Short					Long				
	≤9									
H + G/H	5	6	7	8	9	10	11	12	13	14

Short	Long	
OAPDS	OAPDL	

Multi Abutment Outer Driver

• A dedicated Torque Driver for Multi Abutment





Locator® Torque Driver

• A dedicated Torque Driver for Locator Abutment

Type Short Long

TWLDSK TWLDLK

Osstem Torque Driver

- Dedicated driver for Osstem Torque, which may not be compatible (connected or separated) with a general hand piece
- Used after matching the triangle on the outside of the driver with the groove or side of the abutment
- Solid and Excellent Solid Driver are only compatible with Ø4.8
- 1.2 hex type L : 5



L Type	1.2 Hex	Rigid 4.0	Rigid 4.5	Rigid 5.0	Rigid 6.0	Solid	Excellent Solid
Short (10)	OTH12S	OTR40S	OTR45S	OTR50S	OTR60S	OTS48S	OTE48S
NEW 2025 Long (15)	-	OTR40L	OTR45L	OTR50L	OTR60L	OTS48L	OTE48L

$\textbf{Path Probe} \ (TS)$

- Checking the path and measuring the gingival height after TS Implant placement
- C = Connection







Prosthetic KIT Surgical Instruments

Reamer Bite

 Cutting edge to remove lip from the inside of the casted body after casting plastic coping



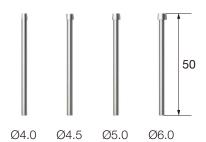
FRBC

Reamer Tip (Rigid Abutment)

• Guide part inserted into the casted body for removing lip from the inside after casting plastic coping (for Rigid Abutment)

D Ø4.0 Ø4.5 Ø5.0 Ø6.0

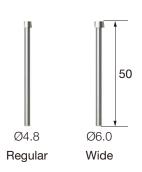
GSRFRT400 GSRFRT450 GSRFRT500 GSRFRT600



Reamer Tip (Solid, Excellent Solid Abutment)

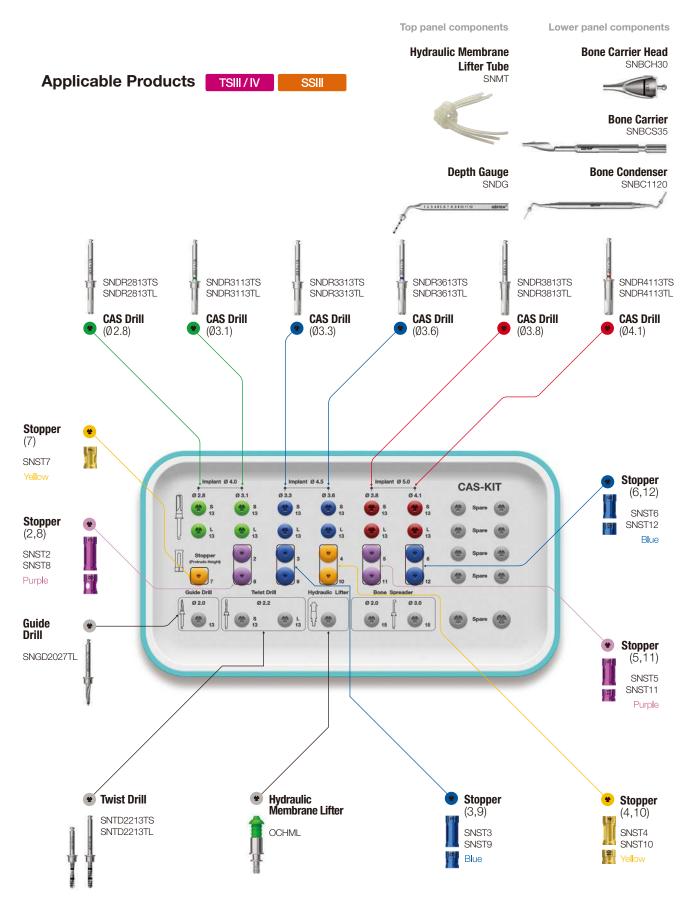
- Guide part inserted into the casted body for removing lip from the inside after casting plastic coping
- For Solid Ø6.0 and Excellent Solid Ø4.8
- P= Platform

Р	Regular(ø4.8)	Wide(Ø6.0)
Solid	FRTS480	FRTS600
Ex.Solid	FRTE480	FRTE600





CAS KIT (HCRSNK)

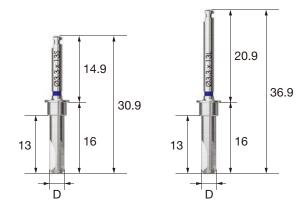


[•] For ordering codes of single item of CAS KIT, see 255~258 Page

CAS KIT Surgical Instruments

CAS Drill

- Safe lifting of the membrane while forming conical bone for maxillary sinus lift procedure
- Excellent bone removal at low-high speed, and collection of autogenous bone at low speed
- Stopper assembled for safe lifting
- Diameter of Final Drill is selected based on the bone quality regardless of Straight or Tapered Implant type
- Recommended drilling speed: 400~800rpm (400rpm for first use)



L D	Ø2.8	Ø3.1	Ø3.3	Ø3.6	Ø3.8	Ø4.1	
Short	SNDR2813TS	SNDR3113TS	SNDR3313TS	SNDR3613TS	SNDR3813TS	SNDR4113TS	
Long	SNDR2813TL	SNDR3113TL	SNDR3313TL	SNDR3613TL	SNDR3813TL	SNDR4113TL	

Guide Drill

- Drill for marking of the implant placement position
- Used for removing side walls in a fresh extraction socket with formation of side edges
- Marking line at 2mm from the tip

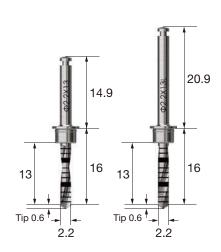
D Ø2.0/2.7 SNGD2027TL



Twist Drill (Ø2.2)

- Drilling 1mm under the remaining bone recommended
- Stopper assembled for safe lifting
- End line tip: 0.6mm

L \ D	Ø2.2	
Short	SNTD2213TS	
Long	SNTD2213TL	



CAS KIT Surgical Instruments

Hydraulic Membrane Lifter Set

- Instrument for hydraulic lifting of sinus membrane
- · Winged design with optimized sealing

OCHML



Stopper

- Number on the stopper indicates the protruding length of the tip when assembled to a drill or other instruments
- · Color coded by length
- Number of uses for the drill and stopper: 50 times



Bone Carrier

- \bullet Used for filling the inside of the sinus with bone
- Mounting the head by fastening the back of the body
- Replaceable head (SNBCH30 or SNBCH35) for use

SNBCS35

Bone Carrier Head

- \bullet Used for filling the inside of the sinus with bone
- SNBCH30 : used after drilling with CAS Drill Ø3.1/3.3
- SNBCH35 : used after drilling with CAS Drill Ø3.6/3.8/4.1 drilling
- Used repeatedly by filling the back of the marking line of the head and taking little by little with a bone condenser to completely fill the inside of the sinus





Bone Condenser

• Instrument to push in the bone material into the sinus

D Ø1.1/2.0 SNBC1120



Hydraulic Membrane Lifter Tube

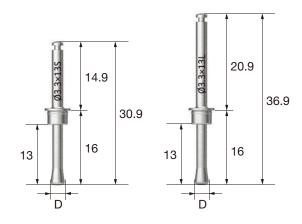
• Connected to the hydraulic membrane lifter

SNMT



Membrane Lifter

- Safe lifting of the membrane due to the round shape with no cutting edge
- Lifter selected according to the CAS-Drill diameter as membrane lifting is performed after using the CAS-Drill (head diameter is CAS Drill diameter 0.2mm)
- CAS Stopper assembled and used for adjusting the depth
- Recommended drilling speed: 400~800rpm (400rpm for first use)
- Make sure to use a drill with irrigation



L D	Ø2.6	Ø2.9	Ø3.1	Ø3.4	Ø3.6	Ø3.9
Short	SNML2813TS	SNML3113TS	SNML3313TS	SNML3613TS	SNML3813TS	SNML4113TS
Long	SNML2813TL	SNML3113TL	SNML3313TL	SNML3613TL	SNML3813TL	SNML4113TL

CAS KIT Surgical Instruments

Depth Gauge

• For checking internal lifting of the sinus and measuring the remaining bone depth





Bone Spreader

- Instrument for spreading the filled bone using the engine
- Assembled with a stopper for use
- Recommended drilling speed: ≤30rpm (low speed mode)

D	Ø2.0	Ø3.0	
	SNBS2015T	SNBS3015T	



Y-Connector

• Y-shaped connector for hydraulic lifting of two drilling holes at the same time

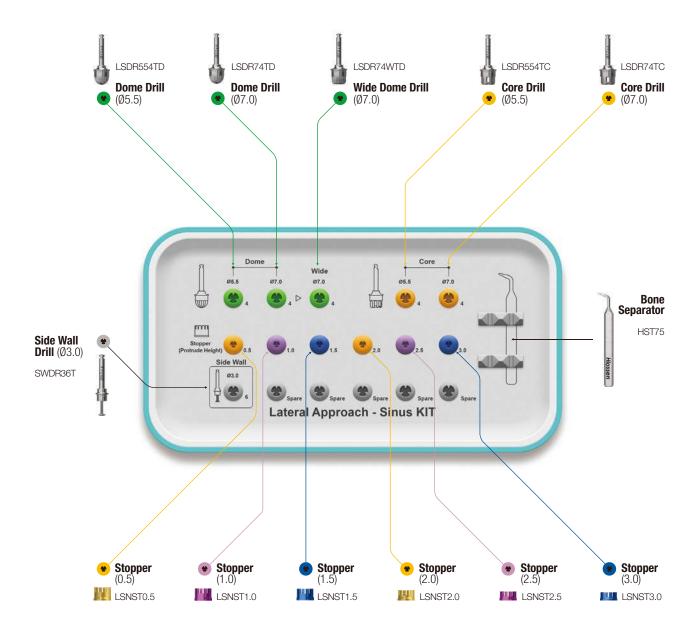






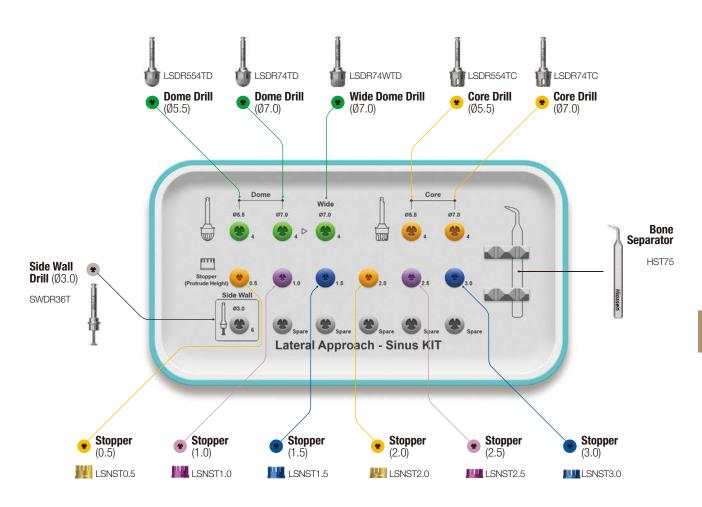
LAS KIT (HLRSNK)

- · Lateral Approach Sinus KIT (LAS KIT): KIT optimized for lateral approach in maxillary sinus lift procedure
- Including dome drill and core drill for safe formation of a lateral window; and Ø5.5/7.0 diameters available according to the size of the window
- Depth can be adjusted by mounting a stopper on the LAS Drill, and the window can be safely formed without perforating the membrane

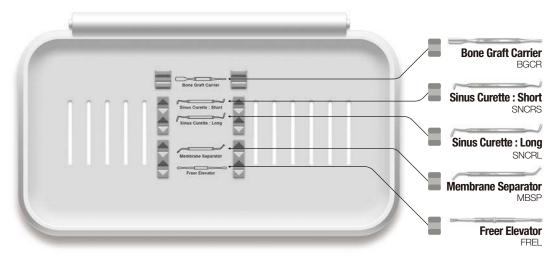


LAS Full KIT (HLRSNKP)

• KIT with 6 additional sinus lift instruments to LAS KIT



LAS KIT Plus Lower Plate



- For ordering codes of single items of LAS KIT, see pages 262-263
- Lower panel components of LAS Full KIT are the same as those of Sinus KIT (See page 310)

LAS KIT Surgical Instruments

Dome Drill

- Forming a window while collecting bone
- Enhanced cutting force with macro and micro cutting edges in combination
- Depth adjusted by assembling with a stopper
- Recommended drilling speed: 1,200~1,500rpm
- $\ensuremath{\,\times\,}$ Over-drilling may result in damage to the membrane

L \ D	Ø5.5	Ø7.0	Wide Ø7.0	
25	LSDR554TD	LSDR74TD	LSDR74WTD	





Core Drill

- Forming a window while forming the bone lid
- Excellent cutting force and membrane stability owing to the CAS Drill design concept
- Recommended drilling speed: 1,200~1,500rpm
- * Over-drilling may result in damage to the membrane

L D	Ø5.5	Ø7.0
25	LSDR554TC	LSDR74TC

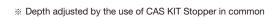


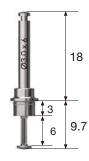
Side Wall Drill

- Expanding the window after drilling with a dome drill
- Cutting at 1mm above the bottom of the drill edge recommended
- Recommended drilling speed: 1,500rpm

SWDR36T

Side Cutting edge height (mm)	1.0	2.0	3.0	4.0	5.0	
CAS KIT stopper (mm)	8.0	9.0	10	11	12	1
Side wall drill +	(30)		9	E	32	H





Bone Separator

• Removing the bone lid from the inside of the core drill



HST75

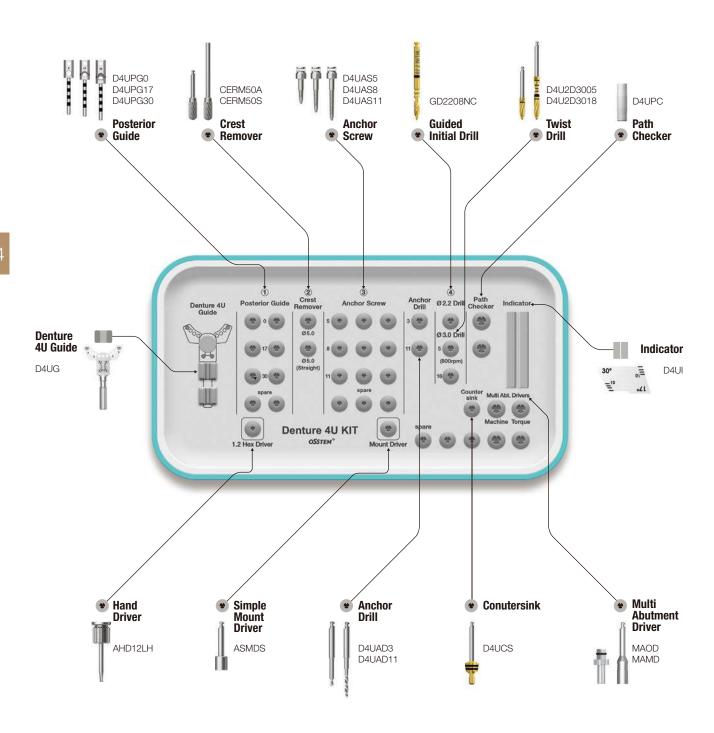
Stopper

- Number on the stopper indicates the protruding length of the tip when assembled to a drill or other instruments
- Color coded by length
- Number of uses for the drill and stopper: 50 times



Denture 4U KIT (OD4UK)

Applicable Products



Denture 4U KIT Surgical Instruments

Denture 4U Guide

- Guide for stable and accurate initial and intermediate drilling for Denture 4U procedure
- Anterior guide: drilling positioning for Ø2.2 in anterior region (tooth number 2 and 3 positions marked)
- Posterior guide : drilling positioning function for Ø3.0 drill in posterior region
- * Used by assembling with the posterior guide of desired angle
- A removable handle for Denture 4U Guide





Posterior Guide

- Used by assembling to the anterior guide prior to procedure
- * Assembled with the angle marking side shown
- Enables adjustment of the implant placement position in posterior region and buccolingual inclination
- Prior to procedure, selecting the angle of Posterior Guide through CT scans is recommended
- * Replaceable during procedure
- Drilling is performed by slowly entering the guide hole, referring to the marking line on the side of the posterior guide hole
- Drilling depth adjusted by drilling to the bottom of the marking line in the mesial direction
- Marking line spacing on the rod : 2mm

Degree	0 °	17°	30°
	D4UPG0	D4UPG17	D4UPG30



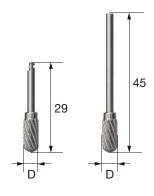


Bottom of the marking line → Check mesial direction

Crest Remover

- \bullet Used for bone flattening for Denture 4U Guide procedure
- $\bullet \ \ \text{Marking the implant placement position after removing narrowed ridge horizontally}\\$
- Recommended drilling speed
- Angled type : 1,200~1,500rpm
- Straight type: 15,000~30,000rpm

L D	Ø5.0	
29	CERM50A	
45	CERM50S	



Denture 4U KIT Surgical Instruments

Anchor Screw

- Used for stable fixing of the bone in place by connection to the fixed center hole of the Denture 4U Guide and the fixed hole of Posterior Guide
- Fixing the Anchor Screw with the Mount Driver; if the Anchor Screw is not fixed well at this time, the Anchor Drill should be used first for drilling

 ** Anchor drill used first for normal/hard bone
- Selecting an Anchor Screw of appropriate length according to the degree of posterior segment retraction
- Engine is stopped to prevent Anchor Screw from spinning with no traction when in contact with the guide

L D	Ø1.65	
5	D4UAS5	
8	D4UAS8	
11	D4UAS11	



Anchor Drill

- Used to form a hole in normal/hard bone prior to tightening an Anchor Screw
- \bullet Drilling with a 3mm drill is recommended prior to additional drilling with an 11mm drill

L D	Ø1.65	
3	D4UAD3	
11	D4UAD11	



Guided Initial Drill

- \bullet Used for drilling in anterior region : Ø2.2 drilling into the anterior guide hole of the Denture 4U Guide
- Drilling is performed by selecting a desired drilling hole of the Anterior Guide
- Recommended drilling speed: 800rpm





Twist Drill

- Drilling is performed by slowly entering the guide hole, with the angle matched as much as possible, referring to the marking line on the side of the Posterior Guide hole
- Drilling depth adjusted by drilling to the bottom marking line in the mesial direction
- Marking line spacing of the rod: 2mm
- Recommended drilling speed: 800rpm

L D	Ø3.0	
5	D4U2D3005	
18	D4U2D3018	



Conutersink

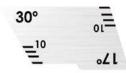
- Drill for using the Taper Drill after removing the Denture 4U Guide ** For removing bone interference from the stopper of the Taper Drill
- Removing bone interference upon assembling to the Multi Angled Abutment





Indicator

- Checking the location of the mental foramen, and the placement direction and length of the implant beforehand to ensure the stability in the procedure
 For checking the location of the mental foramen by opening a flap completely
 - D4UI



Path Checker

- Checking the location of the mental foramen by predicting the extended line of the path checker through panoramic or CT scan
- * For checking the location of the mental foramen without fully opening a flap



Denture 4U KIT Surgical Instruments

Simple Mount Driver

• Used for placing an Anchor Screw for stable fixing of the Denture 4U Guide in place





Multi Abutment Machine Driver

• A dedicated Machine Driver for Multi Abutment

MAMD



Multi Abutment Outer Driver

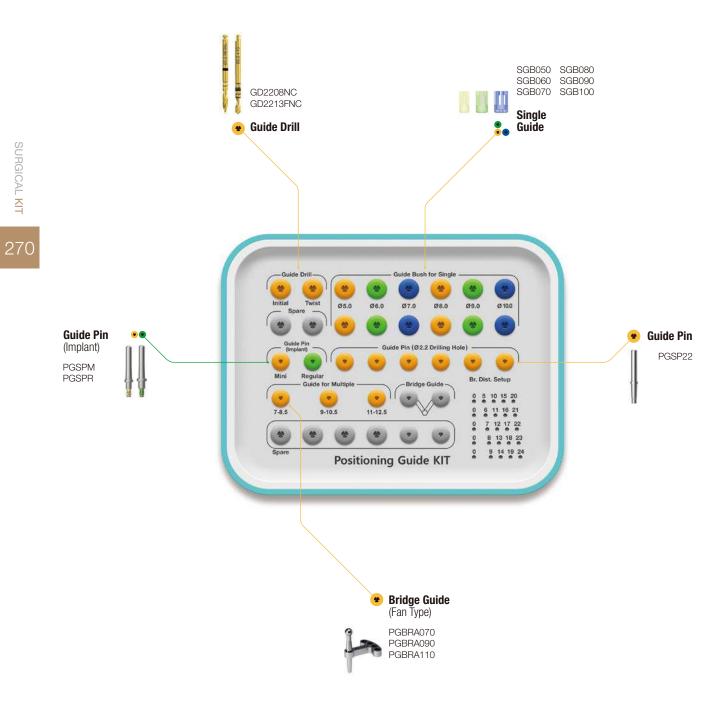
• A dedicated Torque Driver for Multi Abutment



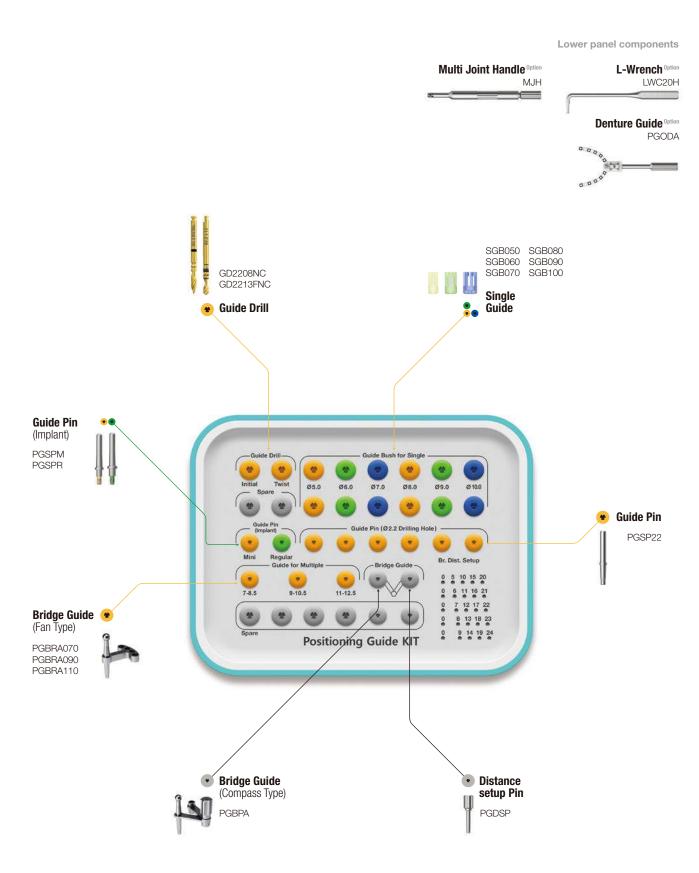




Positioning Guide KIT (OPGPK)



Positioning Guide Full KIT (OPGAK)

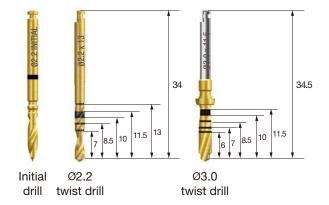


Positioning Guide KIT Surgical Instruments

Guide Drill

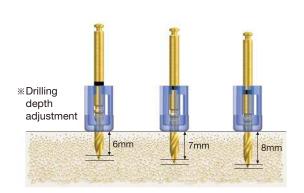
- Initial drill: For initial drilling, assemble to the Single Guide to adjust the drilling depth
- Ø2.2 twist drill: Used with the bridge guide for initial drilling
- Ø3.0 twist drill: For subsequent drilling of Ø2.2 Twist Drill drilling path guide

D	Ø2.2	Ø3.0
Initial drill	GD2208NC	-
Twist drill	GD2213FNC	2D3011LC01



Single Guide

- Transparent material applied to facilitate the viewing of the position and direction for drilling
- 6 types with different mesiodistal crown diameters (Ø5.0~10.0)
- Packing unit : 2ea
- ** Drilling depth adjusted to 6, 7 or 8mm using the marking line of the Initial Drill, based on the top line of the single guide
- * Disposable, Do not reuse





Guide Pin (Implant)

- Pin for checking the path and fixing the single guide in place after implant placement
- C = Connection





Guide Pin

• A pin for checking the path around drilling and fixing the Single Guide in place



Bridge Guide

- · Guide for adjusting the direction and distance for drilling
- Fan type : Selectable in 0.5mm increments (7~12.5mm)
- Compass type : Adjustable in 1 mm increments (5~24mm)
- Used after adjusting the distance in the distance setup of the mid panel of KIT







Fan type



Compass type Option

Type Distance	7~8.5	9~10.5	11~12.5	5~24
Fan	PGBRA070	PGBRA090	PGBRA110	-
Compass	-	-	-	PGBPA

Multi Joint Handle Option

• Instrument to place the guide from the outside of the mouth by connecting to the ball head of the Bridge Guide



Denture Guide Option

- Guide with adjustable angles for respective patients in edentulous cases
- Drilling is performed in the mouth with the angle fixed using an L-wrench after adjusting the angle according to the arch shape of the patient in a working model
- Marking line refers to the No. 2,3,4,5,6 positions of the teeth from the center





Positioning Guide KIT Surgical Instruments

L-wrench Option Instrument to adjust the size of the Denture Guide and fix it in place LWC20H

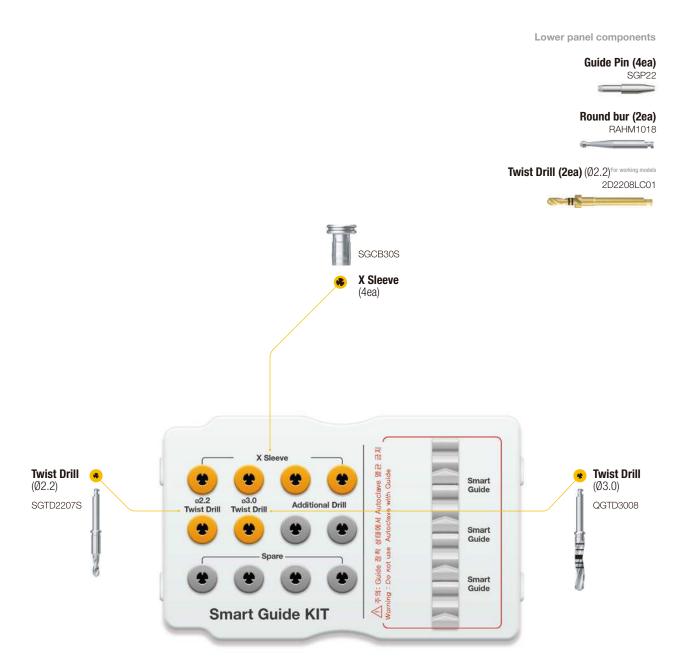
Distance Setup Pin Option

• A pin for Bridge Guide compass type and denture guide fixation

PGDSP



SmartGuide KIT (OSGK)



SmartGuide KIT Surgical Instruments

SmartGuide

- Thermoplastic surgical guide
- Freely deformable after immersion in about 70°C water for about 1 minute
- Curing at room temperature after 1 minute from deformation
- ** Disposable, Do not reuse; Use after low temperature disinfection (Do not autoclave or use hydrogen peroxide)

Туре	Single	Free-end Bridge	2-Unit Br.: small	2-Unit Br.: large
		00	000	000
	SGTSS	SGTFB90LS	SGTB63SS	SGTB85LS

Twist Drill

- A drill used through the guide in the mouth
- Enables stable drilling by connecting to the sleeve of SmartGuide
- ullet After initial drilling with Ø2.2 drill, additional drilling with Ø3.0 drill is performed
- Recommended drilling speed : 1,200~1,500rpm

D	Ø2.2	Ø3.0	
	SGTD2207S	QGTD3008	



X Sleeve

- Instrument to check if the guide is produced as intended through CT scans or x-ray images by connecting to the SmartGuide sleeve
- After connecting to the SmartGuide outside the mouth, mount inside the oral cavity



Twist Drill ($\emptyset 2.2$) For working models

- Used for initial marking on the working model
- Number of use cycles: 10 times
- Additional drilling after using the round bur
- Recommended drilling speed: 1,200~1,500rpm

D	Ø2.2	
	2D2208LC01	

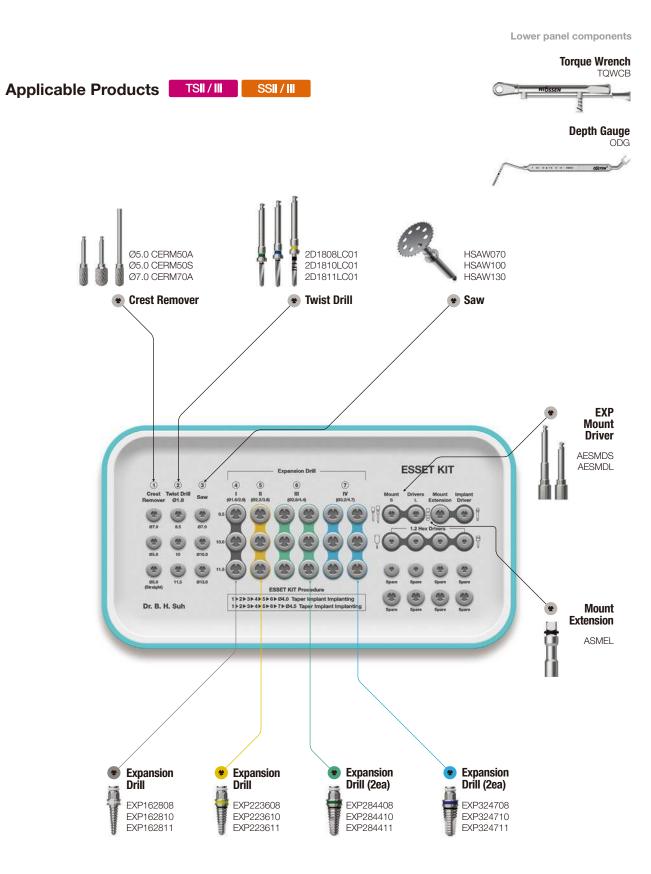
Guide Pin

- Assembled to the working model for fixing the SmartGuide in place
- Connected to the SmartGuide sleeve

SGP22



ESSET KIT (HESEK)



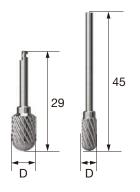
 $[\]bullet$ For ordering codes of single items of ESSET KIT, see pages 279-281

ESSET KIT Surgical Instruments

Crest Remover

- Marking the implant placement position after removing the narrow alveolar ridge horizontally
- Recommended drilling speedAngled type: 1,200~1,500rpm
- Straight type: 15,000~30,000rpm

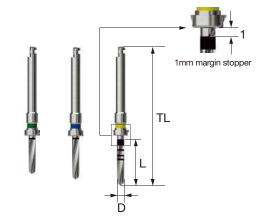
L D	Ø5.0	Ø7.0
29	CERM50A	CERM70A
45	CERM50S	-



Twist Drill

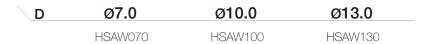
- Marking the implant placement position
- \bullet Depth adjusted by assembling a stopper according to the implant length
- Recommended drilling speed: 1,200~1,500rpm

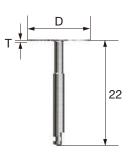
L TL D	Ø1.8	
8.5 33	2D1808LC01	
10 34.5	2D1810LC01	
11 36	2D1811LC01	



Saw

- Incision of the narrowed ridge
- After vertical incision, perform the incision of the entire area in the mesial to distal directions
- Recommended drilling speed: 1,200~1,500rpm
- Recommended number of use cycles: 10 times
- Used after connecting to the saw protector at the position of the saw connecting groove





ESSET KIT Surgical Instruments

Expansion Drill

- Expansion of the ridge after incision
- Used in sequence according to the implant diameter $\text{F4.0}: \text{I} \rightarrow \text{II} \rightarrow \text{III} \ / \ \text{F4.5}: \text{I} \rightarrow \text{II} \rightarrow \text{III} \rightarrow \text{IV}$
- Recommended drilling speed: 25~35rpm



L Type	I	II	III	IV
D1/D2	Ø1.6/2.8	Ø2.2/3.6	Ø2.8/4.4	Ø3.2/4.7
8.5	EXP162808	EXP 223608	EXP 284408	EXP 324708
10	EXP162810	EXP 223610	EXP 284410	EXP 324710
11.5	EXP162811	EXP 223611	EXP 284411	EXP 324711

Mount Extension

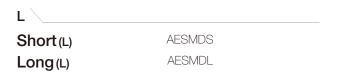
• Used for applying torque in manual mode in the process of placing or removing an Expansion Drill into the alveolar bone

ASMEL



EXP Mount Driver

• Used for applying torque for engine in the process of placing or removing an Expansion Drill into the alveolar bone





Torque Wrench (Bar Type)

- Used for adjustment of placement position of implants and tightening of abutment and screws
- Torque is applied by pulling the bar and aligned to the line indicated with the torque value to be applied





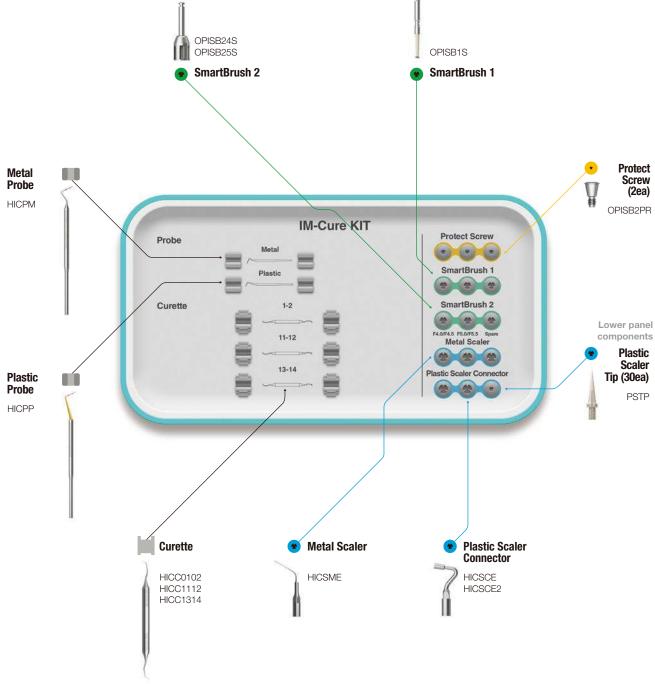
Depth Gauge

• Instrument to release excessive torque by rotating the hex of the Expansion Drill with an open wrench when the hand piece does not move with the Expansion Drill stuck in alveolar bone in the process of removing the drill





IM-Cure KIT (HCK) NEW 2025



[•] For ordering codes of single items of IM-Cure KIT, see pages 283-285

IM-Cure KIT Surgical Instruments

Metal Probe

- Instrument to measure the depth of periodontal disease
- Measuring periodontal pockets and identifying the shape of the periodontal pockets such as depth/size
- Marking line for probing in 1 mm increments



Plastic Probe

- Instrument to measure the depth of infection or periodontal disease around the implant
- Scratching of implant is prevented by using plastic material
- Flexible probe suitable for the curved form of alveolar bone
- · Autoclave can be used
- Marking line for probing in 1 mm increments



Curette

- Instrument for removing subgingival sediments firmly attached to the granulation tissue of a specific area
- · Gracey curette
- 01-02 : For removal of granulation tissue from anterior region
- 11-12 : For removal of granulation tissue from the mesial surface in anterior region
- \bullet 13-14 : For removal of granulation tissue from the distal surface in anterior region

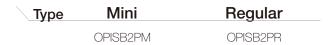




IM-Cure KIT Surgical Instruments

Protect Screw

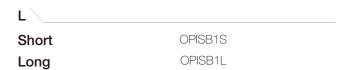
- Preventing infiltration of foreign substances into the internal connection of the implant using SmartBrush 2
- Tightened with 1.2 hex driver at force of 5Ncm

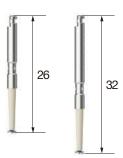




SmartBrush 1

- · Used for peri-implantitis cleaning
- Used after connecting the Protect Screw to the implant after removing the patients prosthesis or abutment
- Recommended drilling speed: 1,200~1,500 rpm
- Recommended number of use cycles : About 1 minute per thread
 - Do not use for longer than 4 minutes
- Be sure to polish with saline irrigation and suction
- * Disposable and do not reuse (Must be discarded after use)

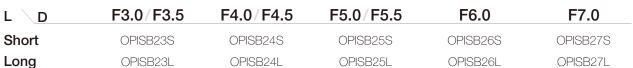




SmartBrush 2

- · Used for peri-implantitis cleaning
- Used after connecting the Protect Screw to the implant after removing the patients prosthesis or abutment
- Be sure to polish with saline irrigation
- Recommended drilling speed: 1,200~1,500rpm
- Recommended number of use cycles: 1~2 minutes
- * Excessive use for longer than 3 minutes may result in fracture or bending of the product





Metal Scaler

- Used for removing plaque or foreign substance from the surface of the implant by connecting to an ultrasonic scaler
- Used as a secondary instrument after using SmartBrush 1 or SmartBrush 2
- Bendable tip of the product for easy access
- EMS, KaVo and SATELEC types available





Plastic Scaler Connector

- Used by assembling to a plastic scaler tip
- \bullet Do not use for removing foreign substances from the implant surface
- EMS, KaVo and SATELEC types available
- A = Angle

A Type	EMS	KaVo	SATELEC
125°	HICSCE	HICSCK	HICSCS
100°	HICSCE2	HICSCK2	HICSCS2





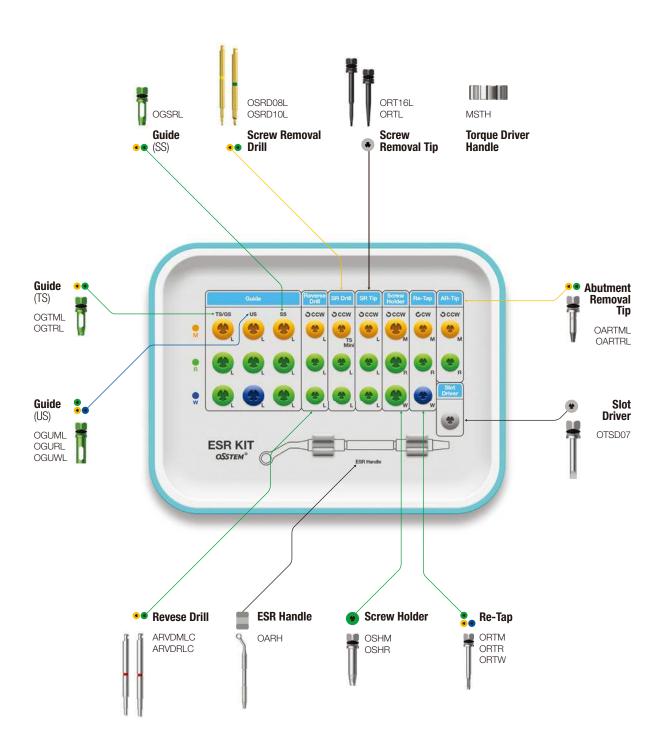
Plastic Scaler Tip

- Used for removing foreign substances from the abutment or crown by connecting to a SmartScaler
- * Do not use on the implant surface
- Packing unit : 30ea/1set





ESR KIT Easy Screw Removal KIT (OESRK)

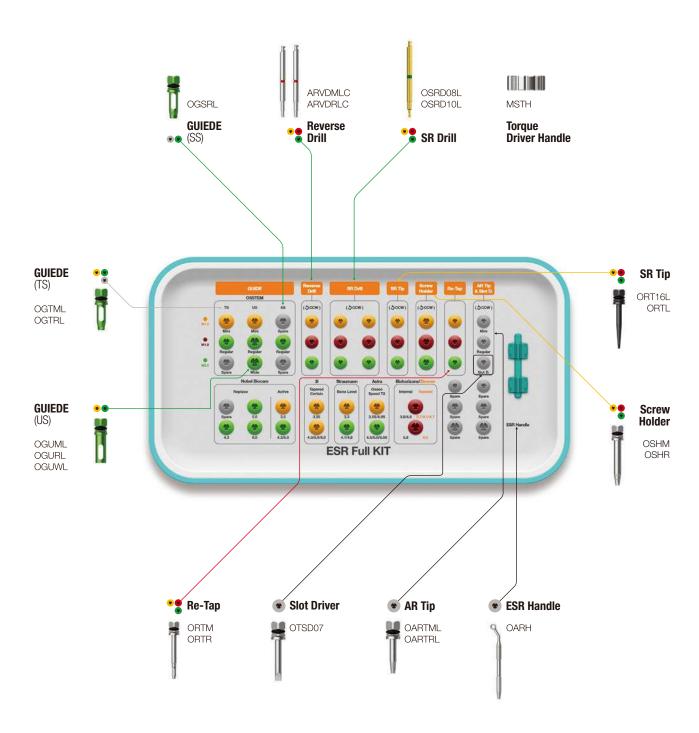


ESR Full KIT (OESRFK)

• Including the same components as ESR KIT and allows holding of the components provided by other companies

Applicable Products

Nobel Biocare Active/Replace / Straumann Bone Level / Astra Osseo Speed TX 3i Full OSSEOTITE Tapered Certain / Zimmer Tapered / Biohorizons Internal



ESR Full KIT Surgical Instruments

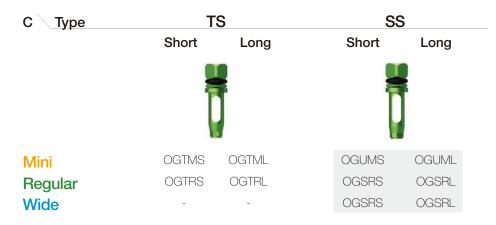
Items not included in the KIT

Guide									
Nobel	Active OGNA01L OGNA02L	Replace OGNR02L OGNR03L OGNR04L	- -	3i	Tapered C OGIF01L OGIF02L	Certain	Straumann	Bone Level OGSB01L OGSB02L	Roxolid SLActie OGSTRS OGSTRL
Astra	Osseo Sp OGAO01L OGAO02L	eed TX		Biohorizons	Internal OGZB01L OGZB02L	External OGBES OGBEL	Zimmer	Tapered OGZB01L OGZB02L	
SR Dri	I		SR Tip		Scr	ew Holder		Re-Tap	
OSRD09	9L		ORT18L		OSH	IR18L		ORTR18L	

Guide

- Used for centering and prevention of shaking of SR Drill, SR Tip, etc. by connecting and fixing to the implant
- Use according to implant type and diameter (Internal/submerged type products of 6 overseas manufacturers)
- Short or Long types selected according to the intermaxillary distance
- ■ Used in common
- C = Connection / D = Diameter

Osstem



Nobel Biocare



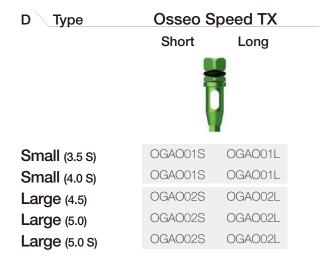
Nobel Biocare

D Type	MkIII		
	Short Long		
Ø3.3	OGUMS	OGUML	
Ø3.75	OGURS	OGURL	
Ø4.0	OGURS	OGURL	
Ø5.0	OGUWS	OGUWL	

Straumann



Astra

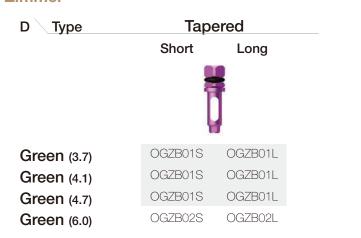


ESR Full KIT Surgical Instruments

3i



Zimmer



Biohorizons



Reverse Drill

- Instrument used for removing fractured screws
- Be sure to use with a suitable guide for the implant
- When the red marking of the reverse driver is shown above the guide assembled to the implant, use a screw holder to remove the fractured screw
- For hand mode / Rotating direction : Reverse rotation / Number of use cycles: 10 times
- ※ Do not use more than 10 times; Do not reuse

L Type	M1.6	M1.8	M2.0	
Short	-	ARVDRSC	ARVDRSC	
Long	ARVDMLC	ARVDRLC	ARVDRLC	



Screw Removal Drill (SR Drill)

- Used for removal to form a hole in fractured screws
- Be sure to assemble to the guide and remove the cut chips by suction with irrigation to the window
- Select Short or Long types according to the intermaxillary distance
- Drilling until the red line around the handle is not visible
- Recommended drilling speed: 1,200~1,500rpm in reverse rotation / Number of use cycles: 5 times
- ** Be sure to use with a guide assembled / Do not exert excessive vertical force / Do not soak in hydrogen peroxide
- * Disposable, Do not reuse
- Short : Sold as a single item

L Type	M1.6	M1.8	M2.0
Short	OSRD08S	OSRD09S	OSRD10S
Long	OSRD08L	OSRD09L	OSRD10L



Torque Driver Handle

• Used by rotating by hand after assembling with products such as SR tip, AR tip, and screw holder





ESR Full KIT Surgical Instruments

Reverse Driver

- Instrument used for removing fractured screws
- Be sure to use with a suitable guide for the implant
- When the red marking of the reverse driver is shown above the guide assembled to the implant, use a screw holder to remove the fractured screw
- \bullet For hand mode / Rotating direction : Reverse rotation / Number of use cycles : 10 times
- Do not use more than 10 times
- C = Connection

L C	Mini	Regular/Wide
Short	=	ORVDRS
Long	ORVDML	ORVDRL



Screw Removal Tip (SR Tip)

- Used for removing fractured screws by rotating the screw removal tip in the hole on the fractured surface of the screws formed by using the screw removal drill (SR Drill)
- Rotating direction : Reverse rotation
- ※ Disposable, Do not reuse

L Type	M1.6	M1.8	M2.0
Short	ORT16S	ORT18S	ORTS
Long	ORT16L	ORT18L	ORTL



Screw Holder

- Removing partially protruding fractured screws by assembling with a screw holder
- Color coded for easily visible indication of types
- Rotating direction : Reverse rotation

Type	M1.6	M1.8	M2.0
	OSHM	OSHR18	OSHR



Re-tap

- Instrument to restore the thread to the initial state when the screws cannot be fastened due to damage to the internal thread of the implant
- Thread formed in hand mode with a Torque Wrench or Ratchet Wrench

Type	M1.6	M1.8	M2.0	
	ORTM	ORTR18	ORTR	



ESR Handle

• Instrument to fix the guide to the implant





Abutment Removal Tip (AR Tip)

- Used for fractured abutment, mount partially remaining and stuck in the implant
- The AR Tip is assembled with the fractured abutment hole, fixed in place tightly and abutment is removed using forceps, etc.
- Mini : removing screws with a slipped hex
- The Mini AR Tip is assembled to the slipped hex, and rotated in the reverse direction to connect to the screw for removal

L Type	Mini	Regular	
Short	OARTMS	OARTRS	
Long	OARTML	OARTRL	
Ex.Long	OARTMEL	OARTREL	



ESR Full KIT Surgical Instruments

Slot Driver

• Instrument to be used by forming a slot with Ø0.8 bur, when force cannot be exerted using a driver due to the damaged hex of Healing Abutment, Cover Screw, or Abutment Screw.





Transfer Abutment Separate Tool

- Used for releasing the jamming caused by Non-hex Transfer Abutment stuck from the contact of the implant and the morse taper
- Commonly used for both Mini and Regular: the body end is used for Mini and for Regular, it is placed into the 2-stage groove
- For ease of separation, the separate tool body is placed into the inner hole of the abutment after removing the abutment screw, and the driver is rotated forward to integrate the body and the abutment.
- If separation is difficult, use the tool after connecting a Ratchet Wrench to the driver





EFR KIT Easy Fixture Removal KIT (OSFRK)

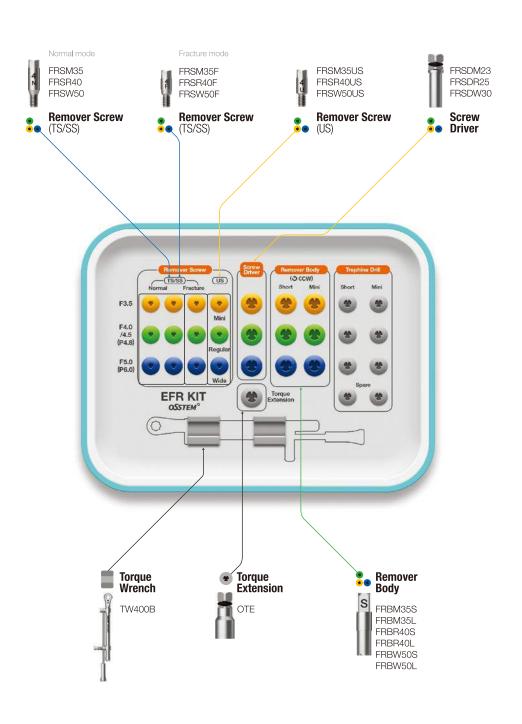


Top panel components

Implant Wrench

Applicable Products TSII/III Ultra-wide SSII / III





EFR Full KIT Easy Fixture Removal Full KIT (OSFRFK)

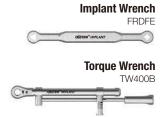
• Including the same components as EFR KIT, which can hold the components provided by other companies

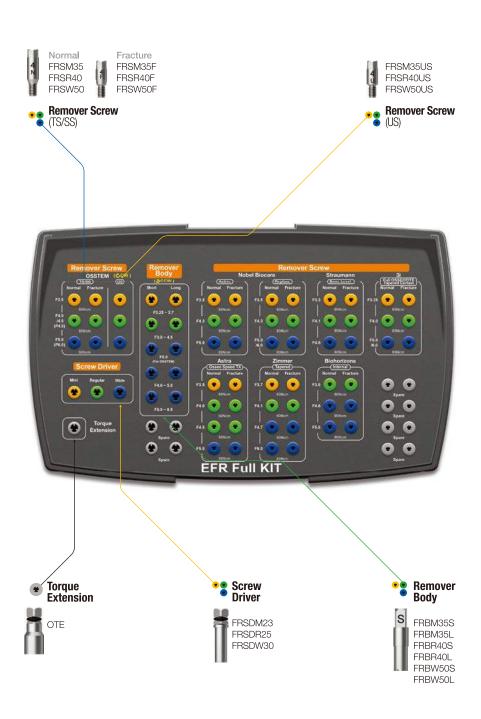
Top panel components

Applicable Products

Nobel Biocare Active/Replace / Straumann Bone Level / Astra Osseo Speed TX

3i Full OSSEOTITE Tapered Certain / Zimmer Tapered / Biohorizons Internal





EFR Full KIT Surgical Instruments

Items not included in the KIT

Remover Sc	rew							
Nobel	Active			Replace				
	Normal FRSMNA35 FRSR40 FRSW50	Fracture FRSMNA35F FRSR40F FRSW50F		Normal FRSMNR35 FRSR40 FRSW50	Fracture FRSMNR35F FRSR40F FRSW50F			
Straumann	Bone Leve	I	3i	Full Osseo	tite Tapered Certain	Biohorizons	Internal	
	Normal FRSM33 FRSRS41 FRSWS48	Fracture FRSM33F FRSRS41F FRSWS48F		Normal FRSMI325 FRSRI40 FRSWI50	Fracture FRSMI325F FRSRI40F FRSWI50F		Normal FRSRZ41 FRSWZ47 FRSWZ60	Fracture FRSRZ41F FRSWB46F FRSWB46F
Zimmer	Tapered		Astra	Osseo Spe	ed TX	Remover Body	i	
	Normal FRSMZ37 FRSRZ41 FRSWZ47 FRSWZ60	Fracture FRSMZ37F FRSRZ41F FRSWZ47F FRSWZ47F		Normal FRSMNA35 FRSRA40 FRSR40 FRSW50	Fracture FRSMNA35F FRSRA40F FRSR40F FRSW50F	FRBW57S FRBW57L FRBUW60S FRBUW60L		

Remover Screw

- Acting as a support structure for reverse rotation of the remover body after connected and fixed to the implant
- Used according to the type and diameter of the implant to be removed (Internal/submerged type products of 6 overseas companies, Normal/Fracture)
- Fracture mode is used for removing implants with the hex completely fractured
- Compatible with products of 6 overseas companies
- Recommended tightening torque: Regular/Wide 80Ncm, Mini 60Ncm



Osstem

		Mini	Regular	Wide
Τ \	Mode	Ø3.5/-	Ø4.0~4.5/P4.8	Ø5.0/P6.0
TS/SS	Normal	FRSM35	FRSR40	FRSW50
	Fracture	FRSM35F	FRSR40F	FRSW50F

Nobel Biocare

T \	Mode	Mini Ø3.5	Regular Ø4.3	Wide Ø5.0/6.0
Active	Normal	FRSMNA35	FRSR40	FRSW50
	Fracture	FRSMNA35F	FRSR40F	FRSW50F
Replace	Normal	FRSMNR35	FRSR40	FRSW50
	Fracture	FRSMNR35F	FRSR40F	FRSW50F

Straumann

T \	Mode	Mini Ø3.3	Regular Ø4.1	Wide Ø4.8
Bone	Normal	FRSMS33	FRSRS41	FRSWS48
Level	Fracture	FRSMS33F	FRSRS41F	FRSWS48F

Astra

T \	Mode	Mini Ø3.5	Regular Ø4.0	Regular Ø4.5	Wide Ø5.0
Osseo	Normal	FRSMNA35	FRSRA40	FRSR40	FRSW50
Speed TX	Fracture	FRSMNA35F	FRSRA40F	FRSR40F	FRSW50F

3i

T \	Mode	Mini Ø3.25	Regular Ø4.0	Wide Ø5.0/6.0
Full	Normal	FRSMI325	FRSRI40	FRSWI50
Osseotite Tapered Certain	Fracture	FRSMI325F	FRSRI40F	FRSWI50F

Zimmer

Т	Mode	Mini Ø3.7	Regular Ø4.1	Wide Ø4.7	Ultra-wide Ø6.0
Tapered	Normal	FRSMZ37	FRSRZ41	FRSWZ47	FRSWZ60
	Fracture	FRSMZ37F	FRSRZ41F	FRSWZ47F	FRSWZ47F

Biohorizons

T \	Mode	Mini Ø3.8	Regular Ø4.6	Wide Ø5.8
Internal	Normal	FRSRZ41	FRSWZ47	FRSWZ60
	Fracture	FRSRZ41F	FRSWB46F	FRSWB46F

EFR Full KIT Surgical Instruments

Screw Driver

- Driver to connect and fix the remover screw to the implant
- Remover screw Recommended tightening torque: Regular/Wide 80Ncm, Mini 60Ncm
- The same type as the remover screw is selected
- T=Type





Remover Body

- Instrument to exert torque in the implant loosening direction by connecting to a remover screw
- Used according to the diameter of the implant to be removed
- » Disposable, Do not reuse
- The same type as the remover screw is selected
- T=Type



\ _			Osstem only	For overseas other companies	
\ T	Mini	Regular	Wide	Wide	Ultra-wide
Short	FRBM35S	FRBR40S	FRBW50S	FRBW57S	FRBUW60S
Lona	FRBM35L	FRBR40L	FRBW50L	FRBW57L	FRBUW60L

Torque Extension

• Extension of the length of screw driver and remover body (up to 10mm)





Torque Wrench

- $\ensuremath{^{\bullet}}$ Used to remove the implant with the remover body after tightening with a screw driver
- Torque applied up to 400Ncm (60/80/200/300/400Ncm scale display)
- Torque applied by aligning the center of the bar with the torque value to be applied by pulling the bar
- Washed and sterilized after use for storing





Implant Wrench

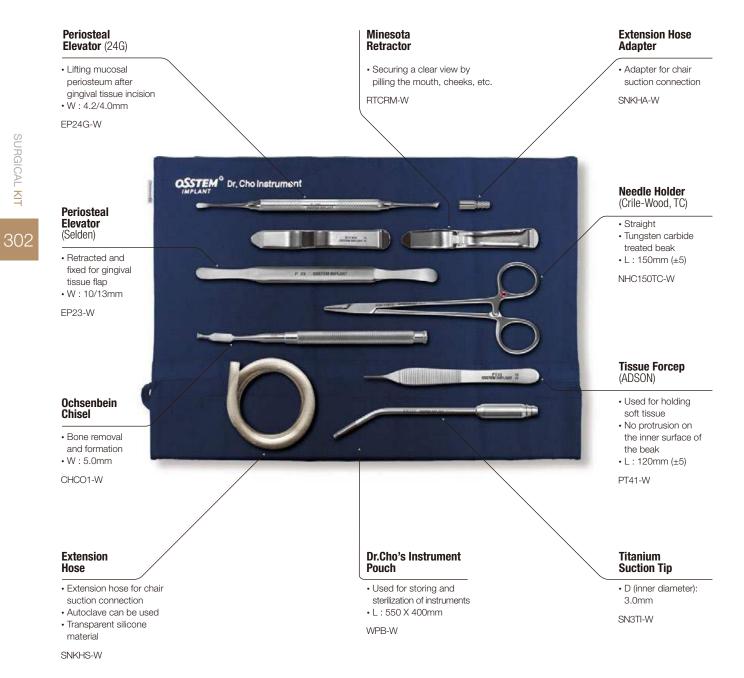
• Wrench to remove implant from the remover body





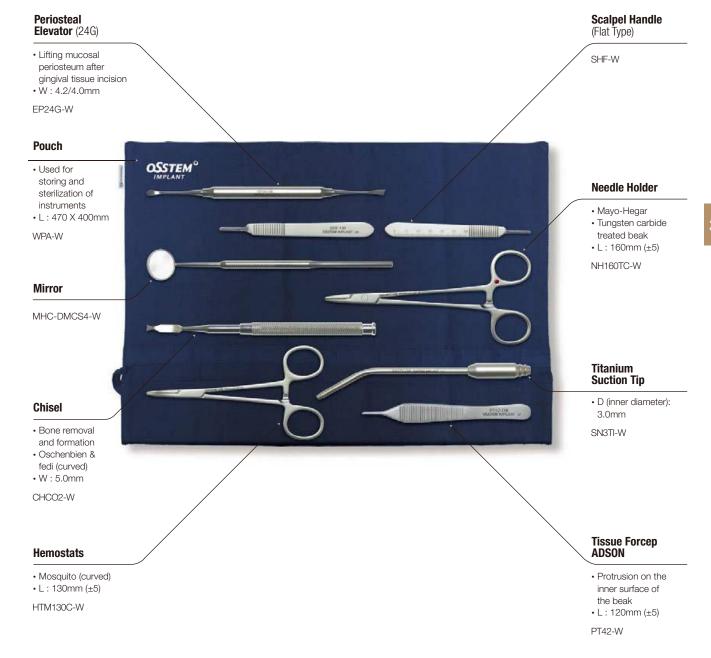
Dr. Cho's Instrument KIT (DCHOKIT)

- · Optimal implant surgery KIT based on years of clinical know-hows
- Composed of 10 types of instruments (1ea each)



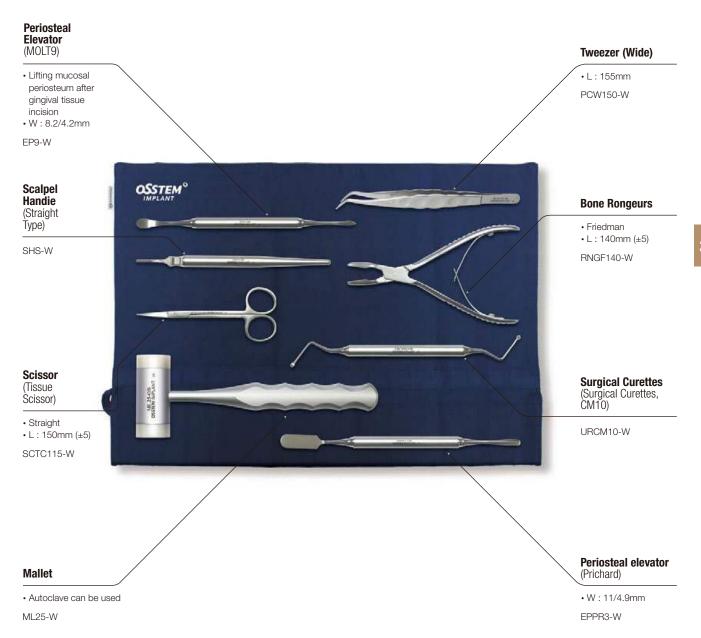
Osstem Basic Instrument KIT (OBKIT)

- · Commonly used implant surgery KIT
- Composed of 25 types of instruments (1ea each)



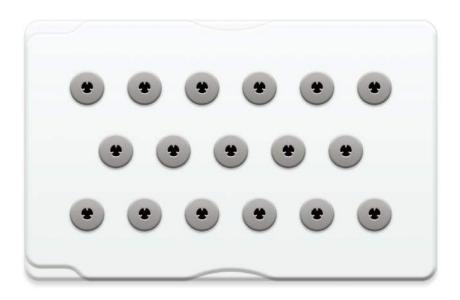
Osstem Basic Instrument KIT (OBKIT)





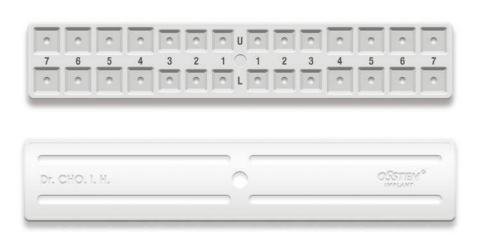
Custom KIT (OCTK)

- KIT used to disinfect some of the surgical instruments or to store new spare tools
- Additional 3 types of rubber (large, medium, small), which can be used according to user preference
- Sterilizable material (132°C, 15 minutes)



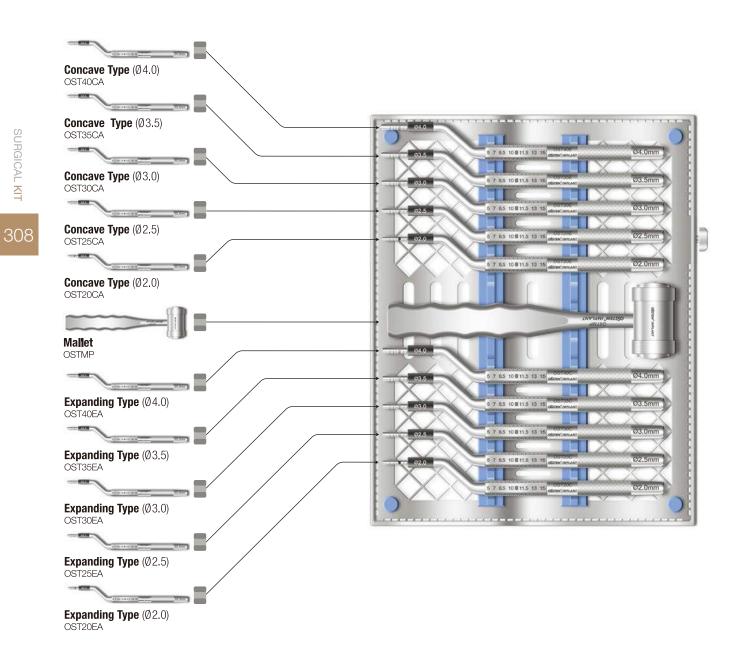
Healing Case (OHAC)

- A case for temporary storage and cleaning of Healing Abutment during the prosthesis procedure
- Upper prosthesis for additional mounting: transfer / temporary / angled / cover screw / pick-up & transfer impression coping/ OB anchor/ temporary crown (Only the Healing Abutment can be assembled with the top plate)
- Similar to the tooth arrangement, a total of 28 cells are arranged with 7 cells each in the upper / lower and left / right sections
- \bullet Sterilizable material (132°C, 15 minutes); sterilization required for reusing the case
- $\ensuremath{\,\%\,}$ This product is not a case for reuse of Healing Abutment



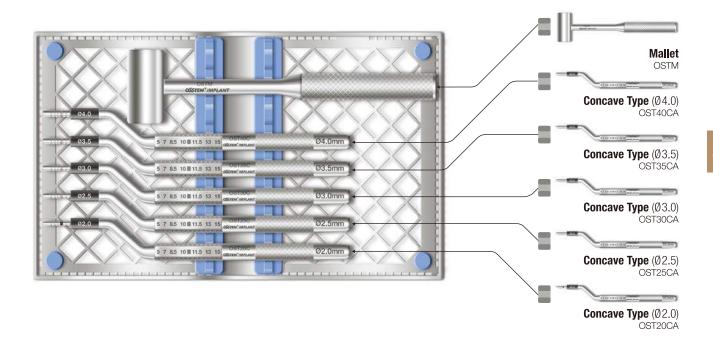
Osteo KIT (OSTK)

- · Concave osteotome: KIT used for sinus lift procedure(maxillary sinus floor elevation) to vertically increase the amount of alveolar bone available in the maxillary anterior region
- Expanding osteotome: KIT used to increase the primary stability of the implant in low quality bones by densifying the trabeculae of bone while preserving the bone instead of removing it
- Stopper for adjusting the depth of procedure



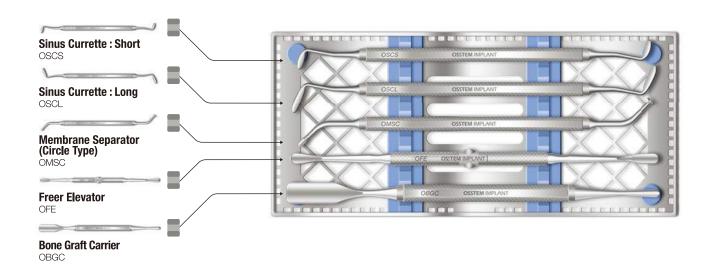
Osteotome KIT (AOST)

- KIT used for sinus lift procedure(maxillary sinus floor elevation) to vertically increase the amount of alveolar bone available in the maxillary posterior region
- Included in concave type only
- Stopper for adjusting the depth of procedure



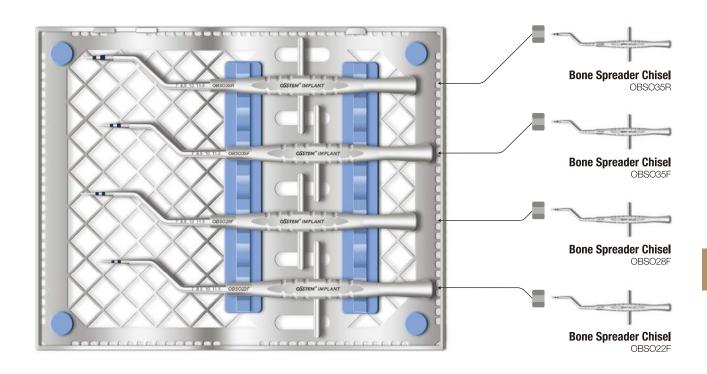
Sinus KIT (ASLK)

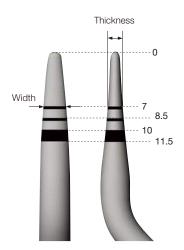
- KIT containing various tools for maxillary sinus floor elevation (sinus lift procedure)
- Lateral approach instrument for sinus procedure
- · Components (5 types)
- Freer elevator : OFE
- Bone graft carrier : OBGC
- Membrane separator (circle type) : OMSC
- Sinus currette-short : OSCS - Sinus currette-long : OSCL

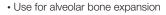


Bone Spreader KIT (OBSOK)

- KIT used for expanding narrowed alveolar ridge
- · Offset type for easy operation
- Components (4 types)
- OBSO22F, OBSO28F, OBSO35F, OBSO35R







- Offset type for easy operation
- Depth marking corresponding to the implant length

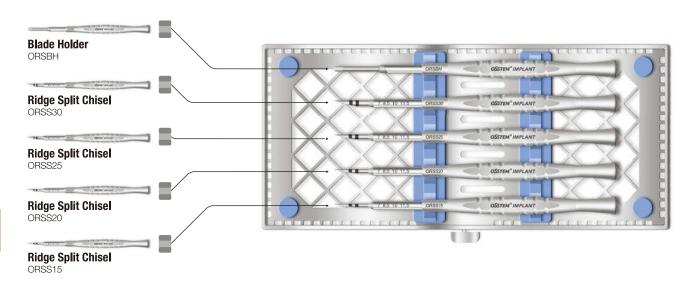


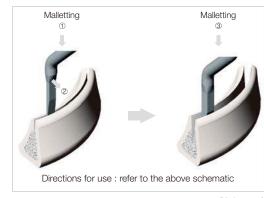
					(Unit : mm)
Code	Tip length Spec.	7	8.5	10	11.5
OBSO22F	Thickness	1.15	1.3	1.45	1.6
	Width	2.1	2.2	2.2	2.2
OBSO28F	Thickness	1.15	1.3	1.45	1.6
	Width	2.65	2.8	2.8	2.8
OBSO35F	Thickness	1.3	1.45	1.6	1.8
OBSO35F	Width	3.3	3.5	3.5	3.5
OBSO35R	Thickness	1.85	2.1	2.3	2.55
(round type)	Width	3.3	3.5	3.5	3.5

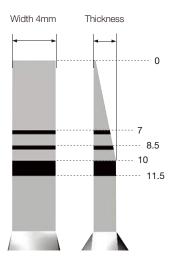
Ridge Split KIT Straight (ORSSK)

Straight

- Chisel: Used for expanding narrowed alveolar ridge
- Blade holder: Malletting (as seen below) enabled by tightening a #15 blade when it is difficult to make a bone incision using bur due to low bone quality
- Ridge split chisel: ORSS15, ORSS20, ORSS25, ORSS30
- Blade holder : ORSBH





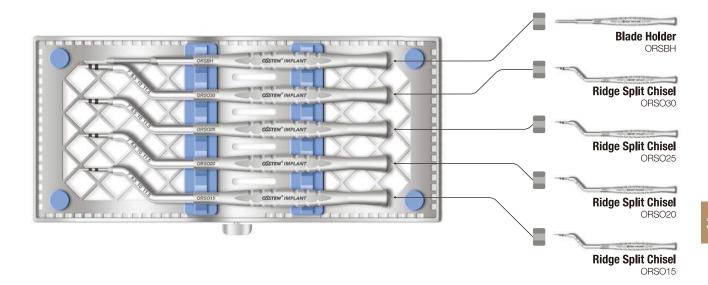


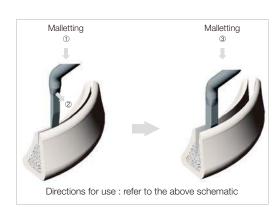
					(Unit : mm)
Code	Tip length Spec.	7	8.5	10	11.5
	Thickness	1.1	1.27	1.5	1.5
ORSS15	Width	4	4	4	4
ORSS20	Thickness	1.45	1.7	2.0	2.0
	Width	4	4	4	4
ODCCOF	Thickness	1.8	2.15	2.5	2.5
ORSS25	Width	4	4	4	4
00000	Thickness	2.15	2.5	3.0	3.0
ORSS30	Width	4	4	4	4

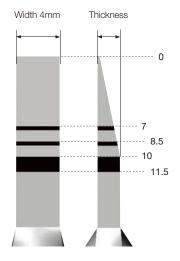
Ridge Split KIT Offset (ORSOK)

Offset

- Chisel: Used for expanding narrowed alveolar ridge
- Blade holder: Malletting enabled by tightening a #15 blade when it is difficult to make a bone incision using bur due to low bone quality
- Components
- Ridge split chisel: ORSO15, ORSO20, ORSO25, ORSO30
- Blade holder : ORSBH







					(Unit:mm)
Code	Tip length Spec.	7	8.5	10	11.5
000015	Thickness	1.1	1.27	1.5	1.5
ORSO15	Width	4	4	4	4
ORSO20	Thickness	1.45	1.7	2.0	2.0
	Width	4	4	4	4
000005	Thickness	1.8	2.15	2.5	2.5
ORSO25	Width	4	4	4	4
00000	Thickness	2.15	2.5	3.0	3.0
ORSO30	Width	4	4	4	4





GBR

IMPRESSION MATERIALS

316 Xenograft

317 Synthetic Graft

318 Resorbable Membrane

320 Builder Type

326 OssBuilder KIT

328 AutoBone Collector

329 Membrane Fixation Screw

331 GBR Cover Screw

332 GBR KIT

336 Impression Materials HySil Plus

338 Impression Materials Accessory

Xenograft

A-Oss

- DBB (Deproteinized Bovine Bone)
- Promotion of osteo-conduction
- Excellent volume maintenance
- Excellent biocompatibility
- Raw material: Australia
- Manufacturer: Osstem Implant Co., Ltd., South Korea
- P = Particle Size

g <u>P</u>	0.25~1.0mm
0.1 (0.2cc)	BAS 01
0.25 (0.5cc)	BAS 02
0.5 (1.0cc)	BAS 05
1.0 (2.0cc)	BAS10
2.0 (4.0cc)	BAS 20
g P	1.0~2.0mm
g P	1.0~2.0mm
g P 0.1 (0.3cc)	1.0~2.0mm BAL 01
<u>.</u>	
0.1 (0.3cc)	BAL 01
0.1 (0.3cc) 0.25 (0.75cc)	BAL 01 BAL 02



Synthetic Graft

Q-Oss+

- Synthetic graft with a composition of HA 20% + β-TCP 80%
- Porous structure with fine pores connected with one another
- Gradual absorption
- Excellent osteo-conduction
- Manufacturer: Osstem Implant Co., Ltd., South Korea
- P = Particle Size

g P	0.5~1.0mm	
0.1 (0.2cc)	BQ+S 01	
0.25 (0.4cc)	BQ+S 02	
0.5 (0.8cc)	BQ+S 05	
1.0 (1.5cc)	BQ+S 10	
2.0 (3.0cc)	BQ+S 20	
g P	1.0~2.0mm	
g <u>P</u>	1.0~2.0mm	-
g P 0.1 (0.2cc)	1.0~2.0mm BQ+L 01	-
9 .		
0.1 (0.2cc)	BQ+L 01	_
0.1 (0.2cc) 0.25 (0.5cc)	BQ+L 01 BQ+L 02	
0.1 (0.2cc) 0.25 (0.5cc) 0.5 (1.0cc)	BQ+L 01 BQ+L 02 BQ+L 05	



Resorbable Membrane Collagen

OssMem_Soft

- Bovine collagen
- Use of qualified New Zealand bovine collagen
- · Membrane with excellent blood wettability
- No change in performance even after hydration
- Membrane for reversible use
- · Safe from crosslinking agent
- Manufacturer: Osstem Implant Co., Ltd., South Korea
- \cdot T = Thickness

mm\ T	0.35mm
10×20	OCMS1020
15×20	OCMS 1520
20×30	OCMS 2030
30×40	OCMS 3040



OssMem_Hard

- Bovine collagen
- Use of qualified New Zealand bovine collagen
- Hard-type membrane acting as a tenting pole
- No change in performance even after hydration
- Membrane for reversible use
- Collagen membrane safe from crosslinking agent
- Ease of handling
- Manufacturer: Osstem Implant Co., Ltd., South Korea
- T = Thickness

mm\ T	0.35mm		
10×20	OCMH1020		
15×20	OCMH 1520		
20×30	OCMH 2030		
30×40	OCMH 3040		



OssCover

- Porcine collagen
- Excellent flexibility and adaptation for easy handling
- Excellent tensile strength
- High Suture pullout strength
- Manufacturer : HYUNDAI BIOLAND Co., Ltd.
- T = Thickness

mm_T	0.35mm			
15×20	TG-1_OSC	N 10 1 0 700	C€zrer	
20×30	TG-2_OSC	Perchaser condum manages		X -X-1
30×40	TG-3_OSC	OssCover		TG-1 15 mm x 20 mm
		Dr. Abombble oplagen meryprane DE Resoldentide kollagenmenden (1 Membana di Indispene hassorbible ES Kembrani de colligene absorbible HE Membrane de colligene absorbible (ER Membrane de colligière interdate (ER Membrane de colligière (ER Membrane) (ER Membrane)		

Builder Type

OssBuilder®

- 3D pre-formed design with no trimming/bending required
- 3D pre-formed titanium mesh to fit the geometry of bone defect
- Available in various sizes
- Mesh type membrane with no risk of exposure
- Non-wrinkling membrane with 3D pre-formed design
- The builder is anchored to the implant by screws to secure bone graft material and builder firmly in place
- Excellent bone regeneration
- Pores formed throughout the builder to facilitate blood flow
- Options available for non-submerged or submerged types as needed
- Non-submerged surgery with healing cap
- Submerged surgery with a cover cap
- Concurrent procedure of implant placement + GBR : healing cap or cover cap + OssBuilder + OB anchor + implant
- Narrow or insufficient residual bone: healing cap or cover cap + OssBuilder + tenting screw
- ※ Disposable. Do not reuse

OB₂

Lateral Builder

Titanium membrane for reconstruction of minor vertical/horizontal bone loss in the socket extraction, fenestration, and dehiscence defects







▼ SMART 3D Design

V SMART Handling



▼ SMART Conduction

V SMART Healing

OB3

Jaw Builder

Titanium membrane capable of ridge augmentation (vertical/horizontal) up to 5~10mm for severely atrophic alveolar ridge









OB2 Lateral Builder

P = Proximal
BW = Buccal Width
BL = Buccal Length
BD = Buccal Distance

Augmentation			Р	BW	BL	BD	
1 Wall	BD	P	4 4 4	8 10 10	7 7 9	5.5 5.5 5.5	SM1W 487SB SM1W 4107SB SM1W 4109SB
2 Wall Buccal-Proximal	BD	P	7 7 10 10 12 12	9 9 12 12 12 12	7 9 7 9 7	5.5 5.5 5.5 5.5 5.5 5.5	SM2W797SB SM2W799SB SM2W10127SB SM2W10129SB SM2W12127SB SM2W12127SB
3 Wall	BD	P	7 7 10 10 12 12	9 9 12 12 12 12	7 9 7 9 7	5.5 5.5 5.5 5.5 5.5 5.5	SM3W797SB SM3W799SB SM3W10127SB SM3W10129SB SM3W12127SB SM3W12129SB

BW

Builder Type

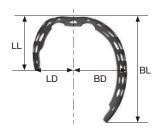
OB3 Jaw Builder

BW = Buccal Width

BL = Buccal Length
LL = Lingual Length
BD = Buccal Distance
LD = Lingual Distance

Augmentation	BW	BL	LL	BD	LD	

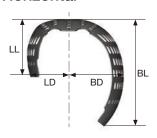
Horizontal





10	7	3.5	5.5	3.7	SB3H 107F
10	9	4.5	5.5	3.7	SB3H 109F
10	11	6	5.5	3.7	SB3H1011F

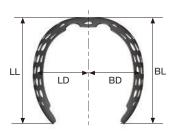
Horizontal





20	7	3.5	5.5	3.7	SB3H 207F
20	9	4.5	5.5	3.7	SB3H 209F
20	11	6	5.5	3.7	SB3H 2011F

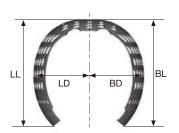
Vertical





10	7	7	5.5	5.5	SB3V 107F
10	9	9	5.5	5.5	SB3V 109F
10	11	11	5.5	5.5	SB3V1011F

Vertical





20	7	7	5.5	5.5	SB3V 207F
20	9	9	5.5	5.5	SB3V 209F
\cap	11	11	5.5	55	SR3\/2011F

Builder Type Components

Healing Cap (TS)

- Non-submerged procedure
- Compatible with OB2 and OB3
- Tightened with a 0.9 hex hand drive
- Recommended tightening torque : 5~8Ncm
- Disposable. Do not reuse

D H	3.0	4.0
Ø4.0	SBHC 4030	SBHC 4040
ø5.0	SBHC 5030	SBHC 5040



Cover Cap (TS)

- Submerged procedure
- Compatible with OB2 and OB3
- Tightened with a 0.9 hex hand drive
- Recommended tightening torque : 5~8Ncm
- ※ Disposable. Do not reuse

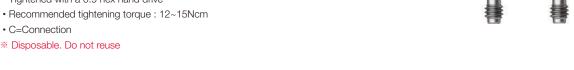




OB Anchor (TS)

- Exclusively for TS implant (shoulder contact)
- Compatible with OB2 and OB3
- Tightened with a 0.9 hex hand drive

- * Disposable. Do not reuse





Builder Type Components

Tenting Screw

Internal Type

- Shorter than external type for ease of suturing
- Utilized in place of implant for inadequate bone mass or narrow ridge
- Compatible with OB2 and OB3
- Recommended placement depth: hard/normal bone 3~5mm, soft bone 5mm or more
- Slow placement using a 0.9 hex torque driver
- Compatible with cover cap(TS) and healing cap(TS)
- » Disposable. Do not reuse





Defect Gauge

- For measurement of vertical/horizontal defects
- 1mm scale marking line (4-5, 9-10, 14-15 bold line)
- With the measurement of the exact amount of bone defects, no trimming/ bending is required and stable adaptation is achieved when selecting the appropriate type of OssBuilder

SMDG





OssBuilder KIT (OGBRK)

- KIT composed of all necessary tools for GBR procedure
- · Convenient GBR procedure by using OssBuilder OB2 and OB3, along with OB anchor, cover cap and healing cap.
- · Use of the tenting screw allows users to deal with extensive vertical/horizontal bone loss even in narrow ridges
- Use of AutoBone collector allows immediate autogenous bone harvesting

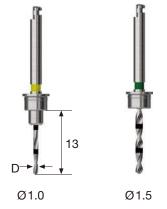


OssBuilder KIT Surgical Instruments

Tenting Screw Drill

- Use in drilling before inserting the tenting screw
- \bullet Hard bone : Ø 1.5 / normal, soft bone : Ø 1.0 drill
- Laser marking: 1, 2, 3, 4, 5, 6, 7, and 8mm marking lines
- Recommended drilling speed : 1,200 ~1,500rpm
- Size of stopper for connection: 3~7mm

L D	Ø1.0	Ø1.5	
13	TD1013TL	TD1513TL	



Stopper

• Use by connecting with tenting screw drill



AutoBone Collector

AutoBone Collector®

- Comes in Ø 3.0 to 6.0 in diameter and a Drill + Stopper set
- Recommended drilling speed : 300 ~ 600rpm
- Use of drill and stopper : 50 times
- * Before initial drilling, connect the stopper to the first stage locking and harvest autogenous bone while drilling 4 mm into the second stage locking (after harvesting, stop the drill and remove it as is with autogenous bone kept in the stopper)

L D	Ø3.0	Ø4.0	Ø5.0	Ø6.0
Short (18.94)	OABC 304S	OABC 404S	OABC 504S	OABC 604S
Long (21.94)	OABC 304L	OABC 404L	OABC 504L	OABC 604L



Stopper

- Stops at a drilling depth of 4mm for harvesting of cortical bone
- Stores the autogenous bone harvested from drilling

L D	Ø3.0	Ø4.0	Ø5.0	Ø6.0
Short	OABC2ST 304S	OABC2ST 404S	OABC2ST 504S	OABC2ST 604S
Long	OABC2ST 304L	OABC2ST 404L	OABC2ST 504L	OABC2ST 604L



Bone Ejector

• Surgical tool for ejecting the harvested autogenous bone from the stopper





2 stage locking structure stopper locking guide



Before drilling, connect the stopper to the 1st stage locking

When drilling is completed, stop the stopper in the 2nd stage locking

* Please watch a video for details

Membrane Fixation Screw

Bone Screw

- Machine surface
- Material : Ti-6Al-4V

Ø1.2

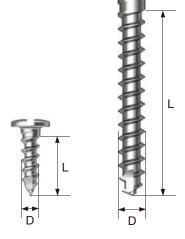
- Non-resorbable membrane, fixation screw for OssBuilder
- Sharp point screw capable of self-drilling
- Improved fixation to prevent fracture and bending

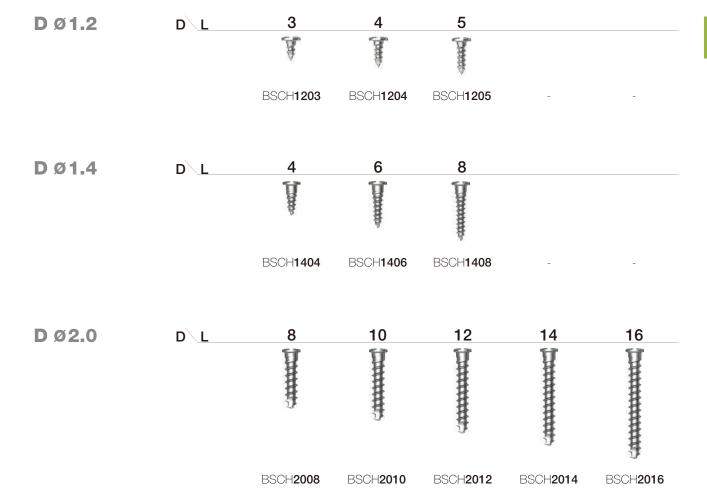
Ø1 4

- Non-resorbable membrane, fixation screw for bone plate
- · Sharp point screw capable of self-drilling
- Improved fixation to prevent fracture and bending

Ø2.0

- Fixation screw for block bone
- Pre-drill required before placement (no self-drilling function)
- * Disposable. Do not reuse



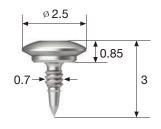


Membrane Fixation Screw

Bone Tack NEW 2025

- For membrane fixation
- Machine surface
- Material: Ti-6Al-4V
- * Disposable. Do not reuse





331

GBR Cover Screw

TS GBR Cover Screw NEW 2025

- Allows guided bone regeneration (GBR) procedure of local sites
- Supporting bone grafts with a wide screw head
- Hand tightened with a 1.2 hex driver
- P = Platform

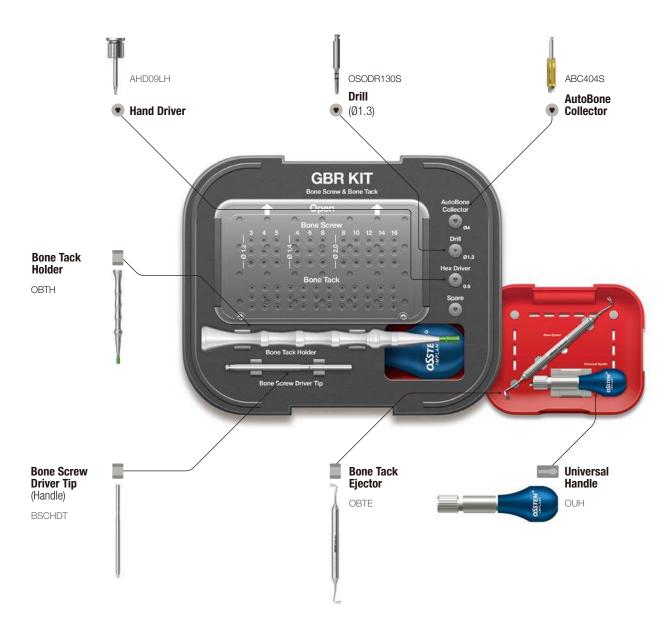






GBR KIT (ONGBRK)

• KIT composed of all necessary tools for GBR procedure including bone screw and bone tack



GBR & Dental Material

GBR KIT Surgical Instruments - Bone Screw For Bone Screw Only

Bone Screw Driver Tip (Handle)

- Used by connecting to Universal Handle
- Tighten the bone screw upright fully before use

Cross	
BSCHDT	

Universal Handle

• Used by connecting to a bone screw driver tip (handle)





Bone Screw Driver (Engine)

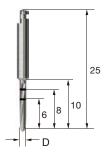
- Used by connecting with an engine
- Tighten the bone screw upright fully before use

Cross	
BSCMD	



Ø1.3 Drill

- Used with a Ø 2.0 bone screw
- Recommended drilling speed : 800rpm

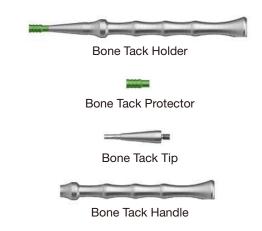


GBR KIT Surgical Instruments - Bone Tack

Bone Tack Holder

- Used for holding the bone tack
- · Design for stable grasping
- · Anti-rotation feature
- Store after connecting to a cap in place

Holder OBTH
Protector OBTHP
Tip OBTHT
Handle OBTHH



Bone Tack Ejector

- Used for removing the bone tack
- Leverage-based design for easy removal
- If the bone tack covered with bone prevents the ejector from being inserted, use a 0.9 hex driver to reverse and lift the bone tack before using the ejector tack

OBTE





Impression Materials HySil Plus

HySil Plus

- Hydrophilic VPS impression material for precise impression taking
- Allows sufficient working time and short intraoral setting time
- Working time : 3 minutes 50 seconds
- Intraoral setting time: 2 minutes 30 seconds
- High quality raw material from Germany

50ml Cartridges

4 cartridges ESS**50LS**

4 cartridges

Light Body

15 cartridges ESS**50LSB**



Normal Mono Body

> 15 cartridges ESS**50MSB**

ESS**50MS**



4 cartridges ESS**50HS**

Heavy Body

15 cartridges ESS**50HSB**



Putty

Base 400ml Catalyst 400ml

ESS400PS



380ml Automix Cartridges NEW 2025

Mono body

2 cartridges

ESS**380MS**



Heavy body

2 cartridges

ESS380HS



337

GBR & Dental Material

Impression Materials Accessory

Mixing Tir	os & Acce	essories Re	gular NEW 2025
------------	-----------	-------------	----------------

OMTA50	
MT380	
66036078	
S-P100	•••••••••••••••••••••••••••••••••••••••
S-OP100 S-OY100	66
OMTH300 OMTH100	Restorestor
OMTL300 OMTL100	- AND MONON PROPERTY OF THE PR
	MT380 66036078 S-P100 S-OP100 S-OY100 OMTH300 OMTH100







SURGICAL KIT

342 OneGuide KIT

358 OnePositioning KIT

364 OneCAS KIT

370 OneMS KIT

378 One485 KIT

390 OneGuide KIT (Short)

392 OneGuide Accessory KIT

PROSTHETICS

398 Scan Body

402 Scan Healing Abutment

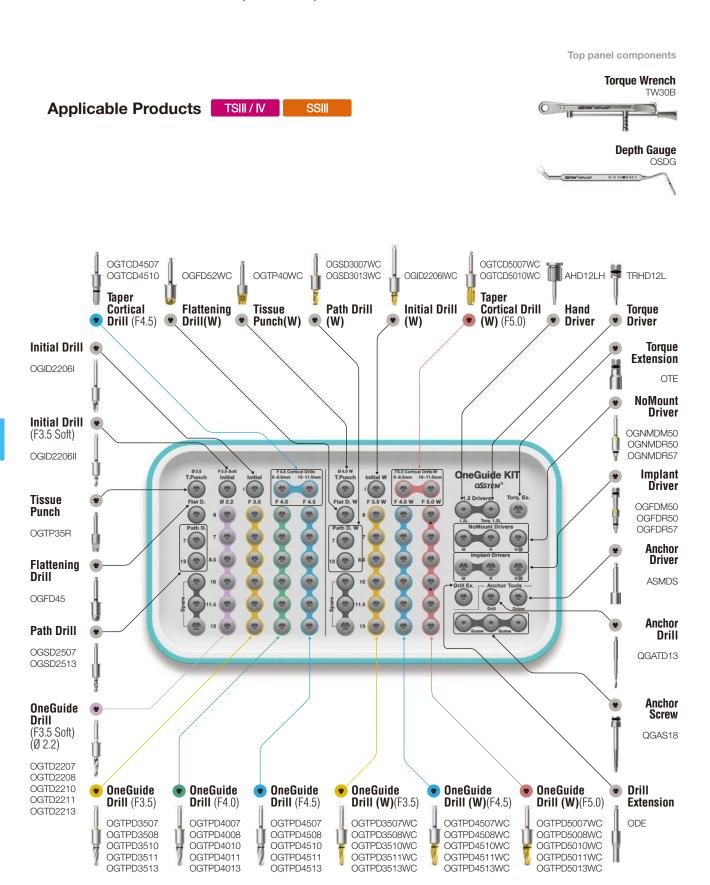
404 Digital Lab Analog

406 Pre-milled Abutment

408 Link Abutment (for public / Cerec)

412 TS Multi Ti Base

OneGuide KIT (OOGK)



OneGuide KIT Surgical Instruments

OneGuide

- · Sleeveless type: 2 types, open type and close type
- Open type can be used in posterior region with limited opening
- · Metal sleeve type : Only close type available
- Inserted into the OneGuide hole for use
- Can be selected as an option when ordering the surgical guide
- Two types of guide hole with respect to implant diameter as follows:
 - Regular hole (Ø5.1): F3.5 / 4.0 / 4.5
 - Wide hole (Ø5.8): F5.0
- Double contact function for excellent implant placement accuracy
- Double contact of the drill: drilling hole and OneGuide hole
- Simple drilling sequence by using drill bit shape of 122 Taper KIT drill
- Packing unit : surgical guide
- Option : OneFit abutment, temporary crown



Tissue Punch

- Used for removal of gingiva in flapless surgery
- 7 types according to the diameter of OneGuide hole
- Other types except the two types included in the KIT (OGTP35R, OGTP40WC) are sold separately
- Recommended speed: 800~1,200 rpm

D \	Regular Hole (Ø5.1)	Wide Hole (Ø5.8)
Ø3.0	OGTP30R	-
Ø3.5	OGTP35R	-
Ø4.0	OGTP40R	OGTP40WC
Ø4.5	OGTP45R	OGTP45WC
Ø5.0	-	OGTP50WC



Flattening Drill

- Used for narrow or uneven ridge
- · A number of cutting bits enable stable preparation without bouncing
- Available in two types (≤F 4.5/F5.0)
- Recommended speed : 800~1,200 rpm

	Regular Hole (ø5.1)	Wide Hole (Ø5.8)	
F4.5 이하	OGFD45	-	
F5.0	-	OGFD52WC	





OneGuide KIT Surgical Instruments

Initial Drill

- Positioning of placement location after using Tissue Punch
- Securing the guide depth of the subsequent drill
- Available in three types (F3.5 soft, F4.0/4.5, F5.0)
- Recommended speed: 800~1,200 rpm

	Regular Hole (ø5.1)	Wide Hole (Ø5.8)
F3.5 Soft	OGID2206II	-
F4.0/F4.5	OGID2206I	-
F5.0	-	OGID2206IWC



Initial Drill (Short Type) NEW 2025

- Short type drill with a handle 5.3mm shorter than the Initial Drill
- Used for limited intermaxillary distance
- Available in three types (F3.5 soft, F4.0/4.5, F5.0)
- · Sold as an individual item
- Recommended speed : 800~1,200 rpm

	Regular Hole (ø5.1)	Wide Hole (ø5.8)
F3.5 Soft	OGD2206IIS	-
F4.0/F4.5	OGD2206IS	-
F5.0	=	OGD2206ISWC

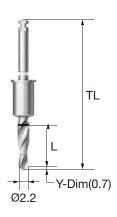


OneGuide Twist Drill (Ø2.2)

- Used for placing F3.5 implant in soft bone
- · Available in 5 types according to the length
- Recommended speed : 800~1,200 rpm

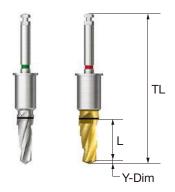
Regular Hole (Ø5.1)

L _	TL	Ø2.2
7	36.1	OGTD2207
8.5	36.1	OGTD2208
10	36.1	OGTD2210
11.5	37.6	OGTD2211
13	39.1	OGTD2213



OneGuide Taper Drill

- Taper Drill optimized for III/IV type implant
- Used for placing F3.5~F5.0 & 6~13mm implants
- Stable drilling with multi-stage structure
- Drills for 6mm length and F5.5(W) types for each diameter are sold separately
- Recommended speed : Soft Bone(800~1,200 rpm) / Normal, Hard Bone(1,200~1,500 rpm)



Regular Hole (Ø5.1)

L	TL	F3.5	F4.0	F4.5	
_	Y-Dim	0.7	0.9	1.0	
6	36.1	OGTPD3506	OGTPD4006	OGTPD4506	-
7	36.1	OGTPD3507	OGTPD4007	OGTPD4507	-
8.5	36.1	OGTPD3508	OGTPD4008	OGTPD4508	-
10	36.1	OGTPD3510	OGTPD4010	OGTPD4510	-
11.5	37.6	OGTPD3511	OGTPD4011	OGTPD4511	-
13	39.1	OGTPD3513	OGTPD4013	OGTPD4513	-

Wide Hole (Ø5.8)

L	TL	F3.5(w)	F4.5(w)	F5.0(w)	F5.5(w)
	Y-Dim	0.7	1.0	1.0	1.0
6	36.1	OGTPD3506WC	OGTPD4506WC	OGTPD5006WC	OGTPD5506WC
7	36.1	OGTPD3507WC	OGTPD4507WC	OGTPD5007WC	OGTPD5507WC
8.5	36.1	OGTPD3508WC	OGTPD4508WC	OGTPD5008WC	OGTPD5508WC
10	36.1	OGTPD3510WC	OGTPD4510WC	OGTPD5010WC	OGTPD5510WC
11.5	37.6	OGTPD3511WC	OGTPD4511WC	OGTPD5011WC	OGTPD5511WC
13	39.1	OGTPD3513WC	OGTPD4513WC	OGTPD5013WC	OGTPD5513WC

OneGuide KIT Surgical Instruments

NEW 2025

OneGuide Taper Cortical Drill

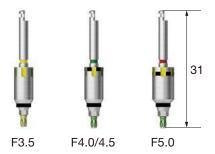
- Used for placing F4.5 and F5.0 implants in hard bone
- Optimized placement torque by cutting cortical bone
- Drill for 13mm length for each implant diameter are sold separately
- Drilling up to the marking line bottom of the barrel for placing 6mm implant
- Recommended speed: 800~1,200 rpm



L	Regular Hole (Ø5.1) F4.5	Wide Hole (Ø5.8) F5.0W	_
6/7/8.5mm	OGTCD4507	OGTCD5007WC	
10/11.5mm	OGTCD4510	OGTCD5010WC	
13mm	OGTCD4513	OGTCD5013WC	

NoMount Driver

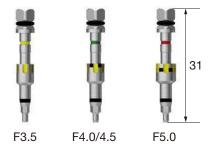
- Used for placing NoMount Implant
- ** Placement up to 80% of the planned implant placement depth is recommended
- \cdot C = Connection



	Regular H	lole (ø5.1)	Wide Hole (Ø5.8)
C	Mini	Regular	Regular
F3.5	OGNMDM50	-	-
F4.0/F4.5	-	OGNMDR50	-
F5.0	-	-	OGNMDR57

Implant Driver

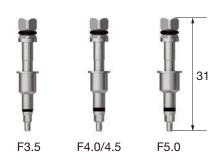
- Used by assembling to a wrench for adjusting the final placement depth
- Yellow groove formed to align the abutment hex direction
- Checked by matching the groove of OneGuide with the groove of the driver
- Based on marking line (Placed by aligning to the top of the OneGuide template) 1) F4.0/4.5 : bottom line 6mm, top line \geq 7mm
- 2) F5.0 : bottom line 4mm, top line 5mm, Barrel Top -≥ 6mm
- C = Connection



	Regular F	lole (Ø5.1)	Wide Hole (Ø5.8)	
C	Mini	Regular	Regular	
F3.5	OGFDM50	-	-	
F4.0/F4.5	-	OGFDR50	-	
F5.0	=	=	OGFDR57	

Implant Driver (Stopper Type)

- Featuring stopper design to prevent entry below the upper surface of OneGuide hole
- Sold as an individual item
- C = Connection

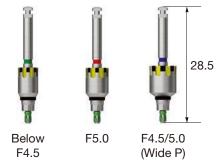


	Regular H	ole (ø5.1)	Wide Hole (ø5.8)		
C	Mini	Regular	Regular		
F3.5	OGFDSM50	-	-		
F4.0/F4.5	-	OGFDSR50	-		
F5.0	-	-	OGFDSR57		

OneGuide KIT Surgical Instruments

OneGuide SS NoMount Driver

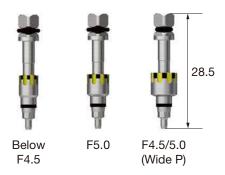
- SSIII Used for placing NoMount Implant
- Placement up to 80% of the planned implant placement depth is recommended
- Sold as an individual item
- P = Platform



<u>P</u>	Regular Hole (ø5.1) Regular	Wide Hole (ø5.8) Regular	Extra Wide Hole (ø6.8) Wide
Below F4.5	OGNMDR50S	-	-
F5.0	-	OGNMDR57S	-
F4.5/5.0(Wide P)	-	-	OGNMDW67S

OneGuide SS Implant Driver

- $\ensuremath{^{\bullet}}$ Used by assembling to a wrench for adjusting the final placement depth
- \bullet SSIII G/H 2.8 is placed up to the octa custom groove marking line
- $\mbox{\ensuremath{\bullet}}$ Yellow groove formed to align the abutment octa direction
- Checked by matching the groove of OneGuide with the groove of the driver
- Sold as an individual item
- P = Platform



NEW 2025

P	Regular Hole (ø5.1) Regular	Wide Hole (ø5.8) Regular	Extra Wide Hole (Ø6.8) Wide
Below F4.5	OGFDR50S	-	-
F5.0	-	OGFDR57S	-
F4.5/5.0(Wide P)	-	-	OGFDW67S

OneGuide Drill Handle NEW 2025

- Used for SSIII wide platform implant procedure
- Exclusively for extra wide hole (Ø6.8)
- Sold as an individual item

OGDH



OneGuide Path Drill

- Drill for correction of the path deviation during OneGuide surgery
- \bullet Used for formation of implant placement path for extraction case
- Flat blade design optimized for cutting inclined bones
- 4 types for each OneGuide hole diameter, 8 types in total : Regular hole(\varnothing 5.1) / Wide hole(\varnothing 5.8)
- Basic components included in the KIT : Regular hole(Ø5.1) Ø2.5 / Wide hole(Ø5.8) Ø3.0
- For 13mm product, depth is adjusted according to the marking line (top line 11.5mm, midline 10mm, bottom line 8.5mm)
- Recommended speed: 1,200~1,500 rpm



Regular Hole (Ø5.1)

L \ D	Ø2.5	Ø3.0
7	OGSD2507	OGSD3007
13.0	OGSD2513	OGSD3013

Wide Hole (Ø5.8) NEW 2025

L D	Ø2.5	Ø3.0		
7	OGSD2507WC	OGSD3007WC		
13.0	OGSD2513WC	OGSD3013WC		

Anchor Drill

- Used for drilling before using an Anchor Screw
- Recommended speed: 800~1,200 rpm



OneGuide KIT Surgical Instruments

Mount Driver (OneGuide Anchor Driver)

- Used by connecting to a simple mount for implant placement (short type)
- For OneGuide surgery, connect to Anchor Screw for use





Anchor Screw

- Used for fixing OneGuide in place (e.g. edentulous case)
- Selective application in preoperative planning stage

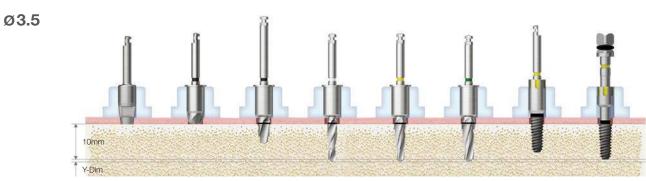
QGAS18



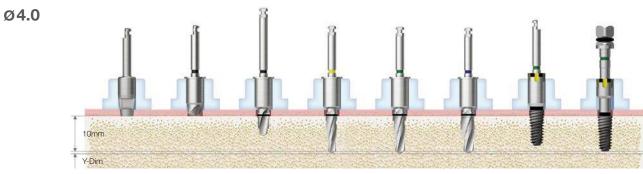


Drilling Sequence OneGuide Drill

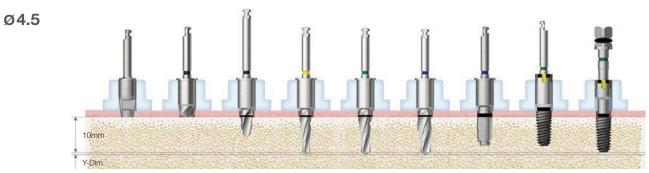
(Length: 10mm)



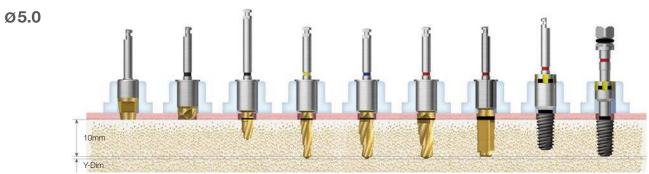
Bone Q	uality	Tissue Punch	Flattening Drill	Initial Drill	Drill (∅2.2)	Drill (F3.5)	Drill (F4.0)	Nomount Driver	Implant Driver
Sof	t	>	(▶)	(F3.5 Soft) ▶	>				
Norm	nal	>	(▶)	>		>		Implant Placement	Implant Placement
Har	d	>	(▶)	>		>	>	(Up to 80%)	1 10001110111



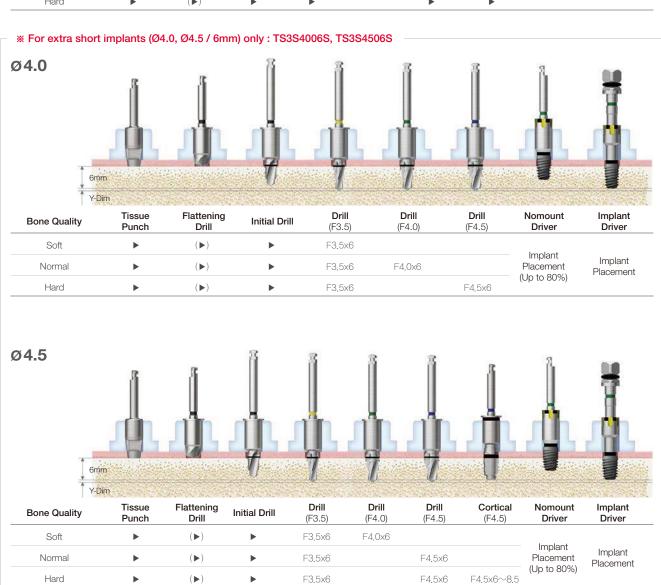
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Nomount Driver	Implant Driver
Soft	>	(▶)	>	•				
Normal	>	(▶)	>	>	>		Implant Placement (Up to 80%)	Implant Placement
Hard	>	(▶)	>	>		>		



Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Cortical (F4.5)	Nomount Driver	Implant Driver
Soft	>	(▶)	•	•	•			Implant Placement	Implant Placement
Normal	>	(▶)	•	•		>			
Hard	>	(▶)	•	>		>	>	(Up to 80%)	

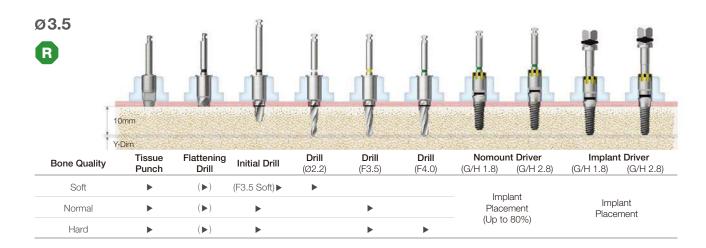


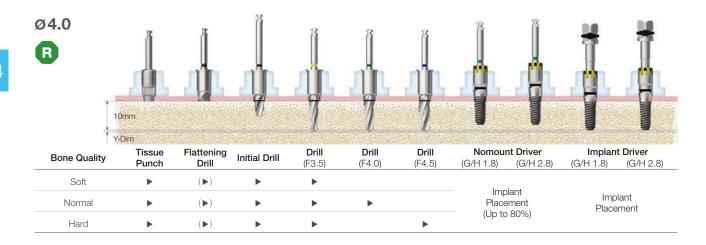
Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Initial Drill (W)	Drill (W) (F3.5)	Drill (W) (F4.5)	Drill (W) (F5.0)	Cortical (W) (F5.0)	Nomount Driver	Implant Driver	
Soft	•	(▶)	>	>	>					
Normal	>	(▶)	>	>		>		Implant Placement (Up to 80%)	Implant Placement	
Hard	•	(▶)	•	•		•	•			

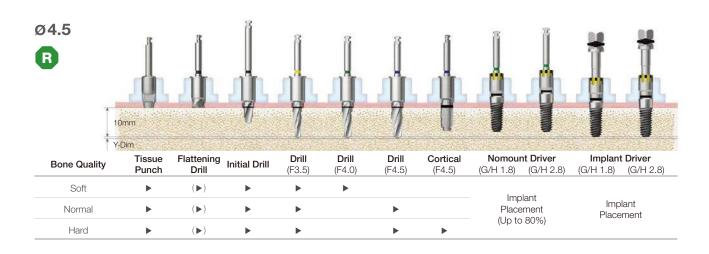


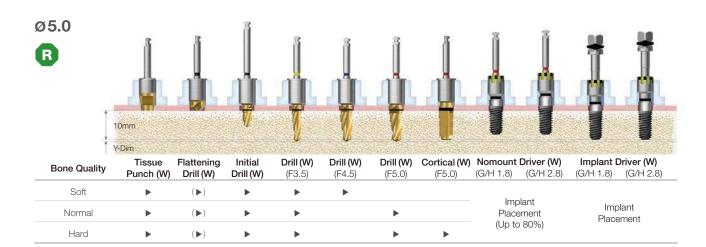
Drilling Sequence OneGuide Drill

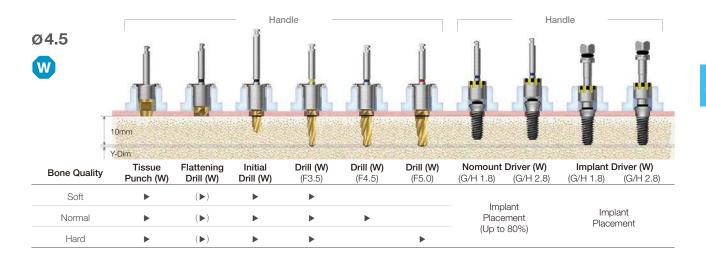
TSIII | SSIII

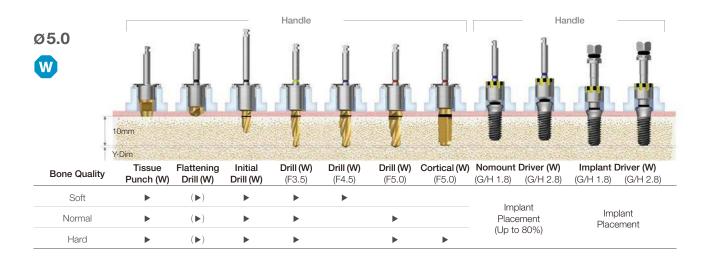






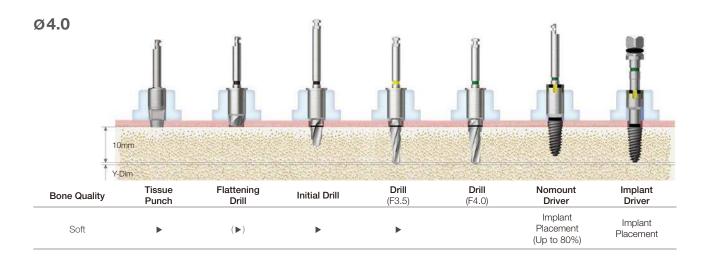


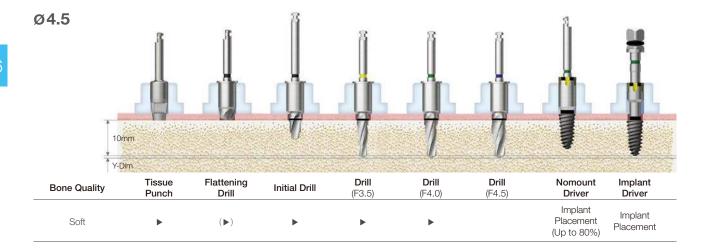


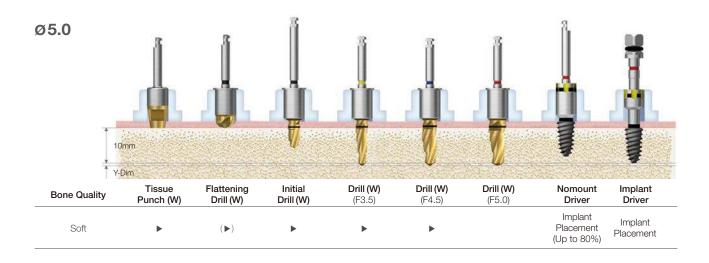


Drilling Sequence OneGuide Drill

(Length: 10mm)





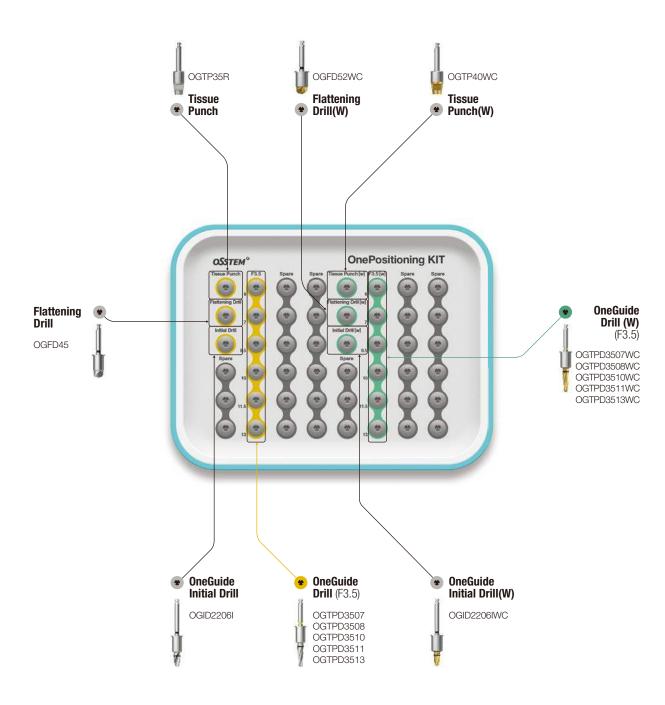




OnePositioning KIT (OOPK) NEW 2025

Applicable Products TSIII / IV SSIII III / IV Ultra-wide

- Selecting the initial placement position, path and depth using OneGuide
- Remove OneGuide after F3.5 drilling and proceed to implant placement through manual surgery

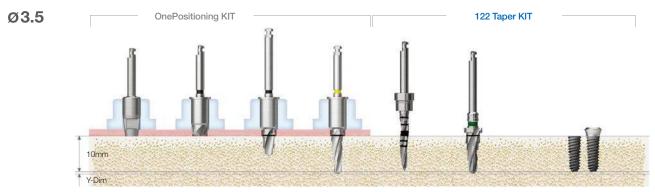




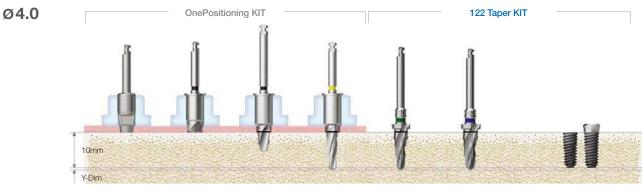
Drilling Sequence OneGuide Drill + 122 Taper Drill

TSIII/IV | SSIII | III/IV Ultra-wide

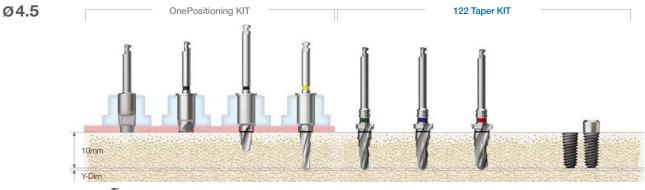
(Length: 10mm)



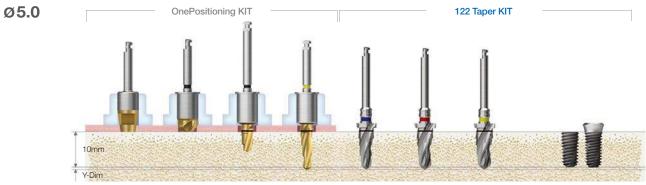
Bone Quality	Tissue Punch	Flattening	Initial	F3.5	Guide Drill	F4.0	
Soft	(▶)	(▶)	► F3.5 soft (Option)		>		
Normal	(▶)	(▶)	•	•			Implant Placement
Hard	(▶)	(▶)	•	•		>	



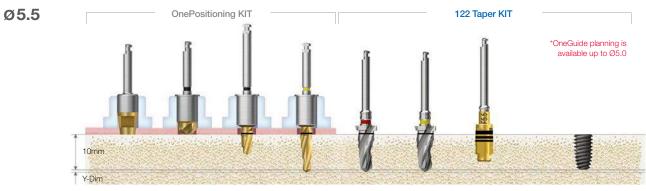
Bone Quality	Tissue Punch	Flattening	Initial	F3.5	F4.0	F4.5	
Soft	(▶)	(▶)	•	•			
Normal	(▶)	(▶)	•	•	>		Implant Placement
Hard	(▶)	(▶)	•	>		•	



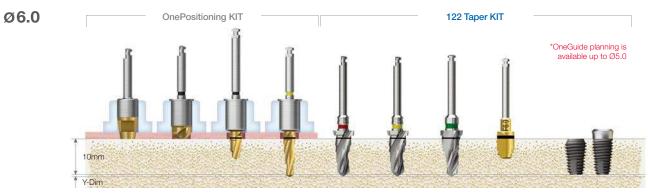
Bone Quality	Tissue Punch	Flattening	Initial	F3.5	F4.0	F4.5	F4.5	
Soft	(▶)	(▶)	•	•	•			
Normal	(▶)	(▶)	•	•		•		Implant Placement
Hard	(▶)	(▶)	•	•			>	



Bone Quality	Tissue Punch (W)	Flattening (W)	Initial (W)	F3.5 (W)	F4.5	F5.0	F5.5	
Soft	(▶)	(▶)	•	>	•			
Normal	(▶)	(▶)	>	>		•		Implant Placement
Hard	(▶)	(▶)	•	•			>	



Bone Quality	Tissue Punch (W)	Flattening (W)	Initial (W)	F3.5 (W)	F5.0	F5.5	F5.5 Cortical	
Soft	(▶)	(▶)	•	>	•			
Normal	(▶)	(▶)	>	>		>		Implant Placement
Hard	(▶)	(▶)	•	>		>	•	

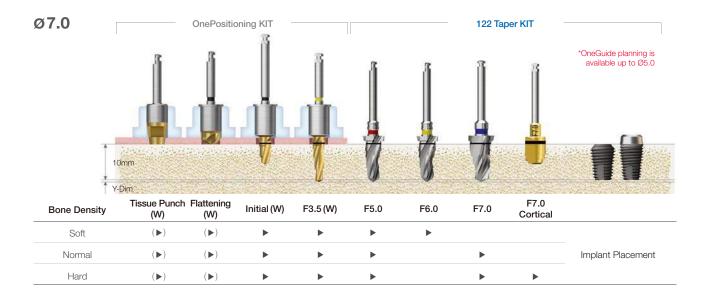


Bone Quality	Tissue Punch (W)	Flattening (W)	Initial (W)	F3.5 (W)	F5.0	F5.5	F6.0	F6.0 Cortical	
Soft	(▶)	(▶)	•	>	•	•			
Normal	(▶)	(▶)	•	>	•		>		Implant Placement
Hard	(▶)	(▶)	•	>	•		>	>	

Drilling Sequence OneGuide Drill + 122 Taper Drill

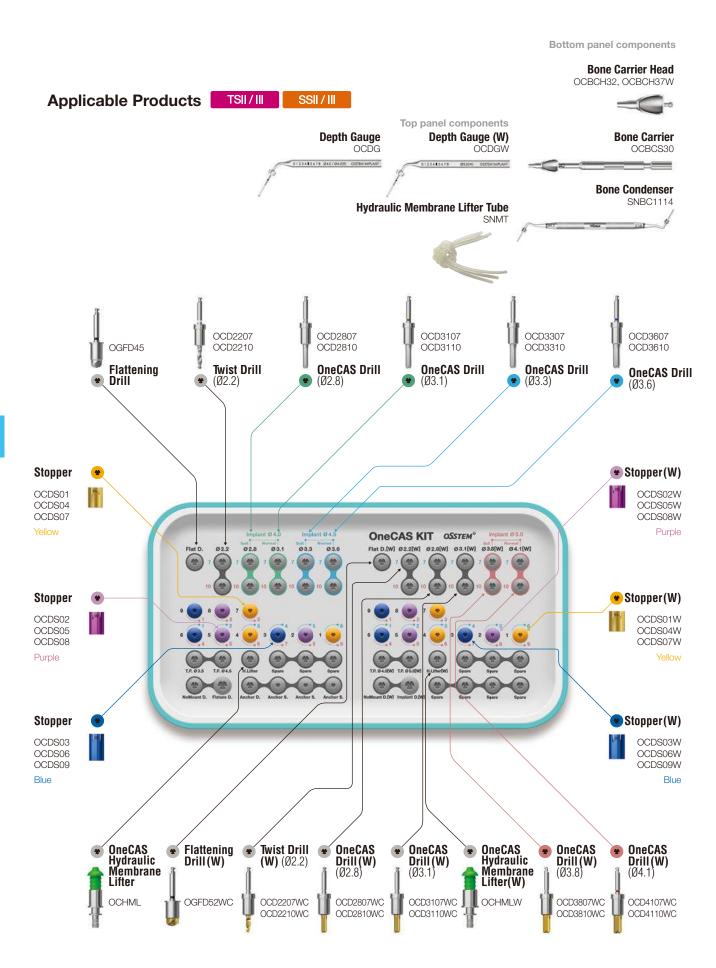
TSIII/IV | SSIII | III/IV Ultra-wide

(Length: 10mm)





OneCAS KIT (OOCK)



OneCAS KIT Surgical Instruments

OneCAS Twist Drill (Ø2.2)

- Drilling 1mm under the depth to sinus inferior border is recommended
- Used with a stopper for safe sinus lift
- 1mm shorter than a normal Twist Drill
- Recommended speed: 400~1,200rpm



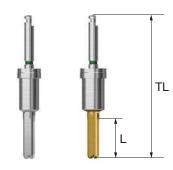
Regular Hole (Ø5.1)

Wide Hole (Ø5.8)

L	TL	Ø2.2	L	TL	Ø2.2
7	33.2	OCD2207	7	33.2	OCD2207WC
10	36.2	OCD2210	10	36.2	OCD2210WC

OneCAS Drill

- Used with a guide of OneGuide system
- $\ensuremath{^{\bullet}}$ Safe lifting of the membrane for maxillary sinus procedure
- Used at low speed for autogenous bone collection
- Used with a stopper for safe sinus lift
- Recommended speed : 800rpm
- Four types of wide hole (\varnothing 3.3, \varnothing 3.6) drills are sold as an individual item (OCD3307WC, OCD3310WC, OCD3607WC, OCD3610WC)



Regular Hole (Ø5.1)

L	TL	Ø2.8	Ø3.1	Ø3.3	Ø3.6
7	33.6	OCD2807	OCD3107	OCD3307	OCD3607
10	36.6	OCD2810	OCD3110	OCD3310	OCD3610

Wide Hole (Ø5.8)

L	TL	Ø2.8 (W)	Ø3.1 (W)	Ø3.3 (W)	Ø3.6 (W)	Ø3.8 (W)	Ø4.1 (W)	
7	33.6	OCD2807WC	OCD3107WC	OCD3307WC	OCD3607WC	OCD3807WC	OCD4107WC	
10	36.6	OCD2810WC	OCD3110WC	OCD3310WC	OCD3610WC	OCD3810WC	OCD4110WC	

OneCAS KIT Surgical Instruments

OneCAS Stopper

- Number marking on the stopper indicates the stopping distance for drilling or tool assembly
- In the mid panel of the KIT, protruding length marked in blue for connecting 7mm drill, and in red for 10mm drill
- · Color coding applied by length
- Recommended use cycle: 50 times

Regular Hole (Ø5.1)



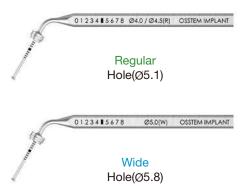
Wide Hole (Ø5.8)



Depth Gauge

- · Checking the internal lifting of sinus
- Measuring residual bone depth
- Used with a stopper for safe sinus lift
- Marking line of the same depth as 10mm drill





Hydraulic Membrane Lifter

- Hydraulic sinus membrane lifter exclusively for OneCAS KIT
- Used by placing the body until the marking line meets the upper surface of OneGuide hole
- Winged design with optimized sealing for flapless procedure

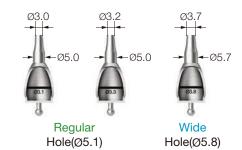
Regular Hole (ø5.1)	Wide Hole (ø5.8)	
OCHML	OCHMLW	



Bone Carrier Head

- Maxillary sinus filling instrument exclusively for OneCAS KIT
- Used by placing into the OneGuide hole to the end and fixing
- OCBCH30 : Used after drilling with OneCAS Drill Ø3.1
- OCBCH32 : Used after drilling with OneCAS Drill Ø3.3/Ø3.6
- \bullet OCBCH37W : Used after drilling with OneCAS Drill Ø3.8/Ø4.1
- Used repeatedly by filling bone material in the back of the marking line of the head and taking little by little with a bone condenser to completely fill the inside of the maxillary sinus





Bone Carrier

- Maxillary sinus bone filling instrument exclusively for OneCAS KIT
- Mounting the head by fastening the handle in the back of the body
- Replaceable head for use



Residual bone height 3mm Ø4.0



Bone Quality	Tissue Punch	Flattening Drill	Twist Drll (Ø2.2x7)	OneCAS Drill	OneCAS Drill	Depth Gauge	OneCAS Drill	Depth Gauge	Hydraulic Lifter	Bone Carrier	Implant
Soft	•	•	•	Ø2.8x7	Ø2.8x7	•	Ø2.8x7	•	•	•	•
Normal	•	•	•	Ø3.1x7	Ø3.1x7	•	Ø3.1x7	•	>	•	•
Stopper			5	5	4	7	3	6			

Residual bone height 3mm Ø4.5



Bone Quality	Tissue Punch	Flattening Drill	Twist Drll (Ø2.2x7)	OneCAS Drill	OneCAS Drill	OneCAS Drill	Depth Gauge	OneCAS Drill	Depth Gauge	Hydraulic Lifter	Bone Carrier	Implant
Soft	•	•	•	Ø2.8x7	Ø3.3x7	Ø3.3x7	•	Ø3.3x7	•	•	•	•
Normal	•	•	>	Ø3.1x7	Ø3.6x7	Ø3.6x7	•	Ø3.6x7	•	>	•	•
Stopper			5	5	5	4	7	3	6			

Residual bone height 3mm Ø 5.0



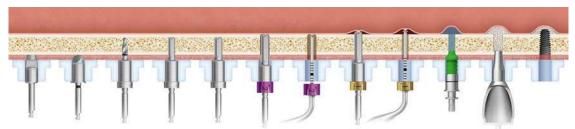
Bone Quality	Tissue Punch(W)		Twist Drll (Ø2.2x7)(W)		OneCAS Drill(W)	OneCAS Drill(W)		OneCAS Drill(W)			Bone Carrier(W)	Implant
Soft	•	•	•	Ø2.8x7	Ø3.8x7	Ø3.8x7	•	Ø3.8x7	•	•	•	•
Normal	>	>	•	Ø3.1x7	Ø4.1x7	Ø4.1x7	•	Ø4.1x7	•	•	•	•
Stopper (W)			5	5	5	4	7	3	6			





Bone Quality	Tissue Punch	Flattening Drill	Twist Drll (Ø2.2x7)	OneCAS Drill	OneCAS Drill	Depth Gauge	OneCAS Drill	Depth Gauge	Hydraulic Lifter	Bone Carrier	Implant
Soft	•	•	•	Ø2.8x7	Ø2.8x10	•	Ø2.8x10	•	>	•	•
Normal	•	•	•	Ø3.1x7	Ø3.1x10	•	Ø3.1x10	•	>	•	•
Stopper					2	2	1	1			

Residual bone height 8mm Ø4.5



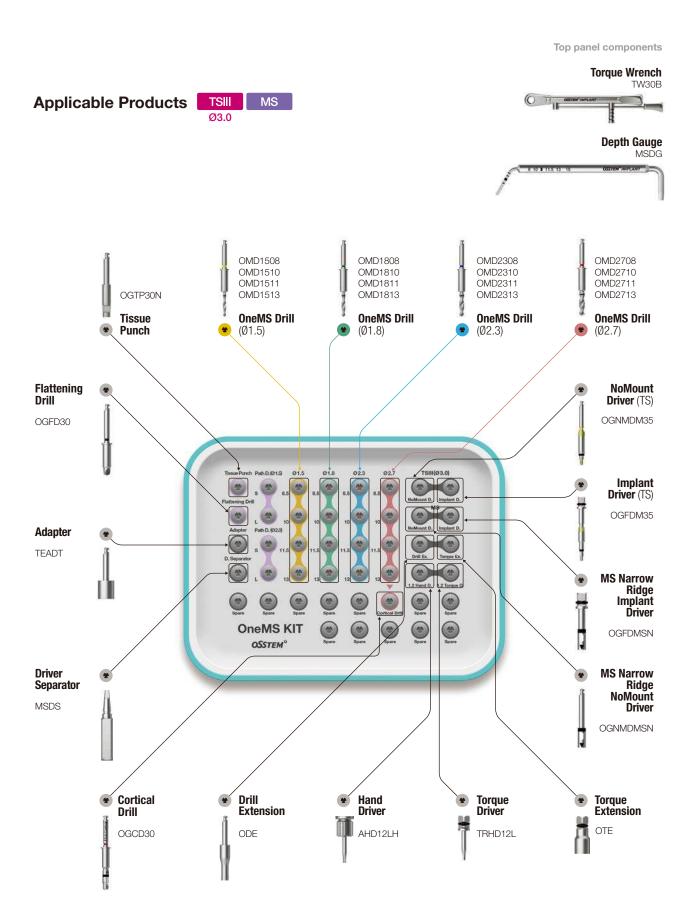
Bone Quality	Tissue Punch	Flattening Drill	Twist Drll (Ø2.2x7)	OneCAS Drill	OneCAS Drill	OneCAS Drill	Depth Gauge	OneCAS Drill	Depth Gauge	Hydraulic Lifter	Bone Carrier	Implant
Soft	•	•	•	Ø 2,8x7	Ø3.3x7	Ø3.3×10	•	Ø3.3x10	•	•	•	•
Normal	•	•	•	Ø3.1x7	Ø3.6x7	Ø3.6×10	•	Ø3.6x10	•	>	•	>
Stopper						2	2	1	1			

Residual bone height 8mm Ø5.0



Bone Quality	Tissue Punch(W)		Twist Drll (Ø2.2x7)(W)		OneCAS Drill(W)		Depth Gauge(W)	OneCAS Drill(W)		Hydraulic Lifter(W)		Implant
Soft	>	•	•	Ø2.8x7	Ø3.8x7	Ø3.8x10	•	Ø3.8x10	•	•	>	>
Normal	>	•	•	Ø3.1x7	Ø4.1x7	Ø4.1x10	•	Ø4.1x10	•	•	>	>
Stopper (W)						2	2	1	1			

OneMS KIT (OOMSK)



OneMS KIT Surgical Instruments

OneGuide Template

- Sleeveless type: 2 types, open type and close type
 - Open type can be used in cases with limited opening
- · Metal sleeve type : Only close type available
- Can be selected as an option when ordering the surgical guide
- One guide hole type available according to the diameter of narrow type implants
- Narrow hole (Ø3.6) : MS narrow Ø2.0 / 2.5 / 3.0, TSIII Ø3.0
- Double contact function for excellent implant placement accuracy
- Double contact of the drill: drilling hole and OneGuide hole
- Simple drilling sequence based on the existing drilling sequence
- Packing unit : surgical guideOption : temporary crown

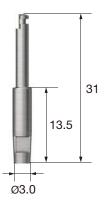


Tissue Punch

- Used for removal of gingiva in flapless surgery
- Recommended speed : 800~1,200 rpm

Narrow Hole (Ø3.6)

OGTP30N



Flattening Drill

- Used for narrow or uneven ridge
- A number of cutting bits enable stable preparation without bouncing
- Recommended speed : 800~1,200 rpm

Narrow Hole (Ø3.6)

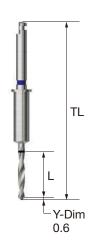
OGFD30



OneMS KIT Surgical Instruments

OneMS Drill

- Optimized straight drill for MS implant / TSIII Ø3.0 implant (For placing MS Ø2.0~3.0, TSIII Ø3.0 implant)
- \bullet OneMS Cortical Drill is used for placement of TSIII Ø3.0 implants in hard bone
- It is recommended that 8.5mm Drill is used first within the same diameter for stable drilling (Inducing double contact feature)
- Recommended speed : 800~1,200 rpm



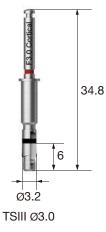
Narrow Hole (Ø3.6)

L \	TL	Ø1.5	Ø1.8	Ø2.3	Ø2.7
8.5	37.5	OMD1508	OMD1808	OMD2308	OMD2708
10	39.0	OMD1510	OMD1810	OMD2310	OMD2710
11.5	40.5	OMD1511	OMD1811	OMD2311	OMD2711
13	42.0	OMD1513	OMD1813	OMD2313	OMD2713

OneMS Cortical Drill

- Drill used for removing cortical bone in hard bone
- Drill used for expanding the cortical bone after using the Straight Drill (for TSIII Ø3.0 Implant only)
- Recommended speed : 800~1,200 rpm

Narrow Hole (Ø3.6) TSIII Ø3.0 OGCD30



MS Narrow Ridge NoMount Driver

- Used for placing an MS Implant Narrow Ridge
- Used by matching the triangular marking with the implant cross section

Narrow Hole (Ø3.6)

MS Narrow Ridge Ø2.0/Ø2.5/Ø3.0

OGNMDMSN



NoMount Driver

- TSIII Ø3.0 Used for placing NoMount Implant
- Placement up to 80% of the planned implant placement depth is recommended

Narrow Hole (Ø3.6)

TSIII Ø3.0

OGNMDM35



MS Narrow Ridge Implant Driver

- MS implant narrow ridge Used by assembling to a wrench for adjusting the final placement depth
- Used by matching the triangular marking with the implant cross section
- Placing up to the marking line bottom for G/H 4.0



MS Narrow Ridge Ø2.0/Ø2.5/Ø3.0

OGFDMSN



OneMS KIT Surgical Instruments

Implant Driver

- \bullet Ø3.0 implant Used by assembling to a wrench for adjusting the final placement depth
- Yellow groove formed to align the abutment hex direction
- Checked by matching the groove of OneGuide with the groove of the driver

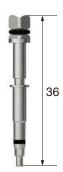
Narrow Hole (ø3.6) TSIII Ø3.0 OGFDM35



Implant Driver (Stopper Type)

- Featuring stopper design to prevent entry below the upper surface of OneGuide hole
- · Sold as an individual item
- C = Connection

	Narrow Hole (Ø3.6)	
C	Mini	
TSIII Ø3.0	OGFDSM35	



Adapter

• Adapter enabling the driver for Torque Wrench to be used for engine

TEADT



Driver Separator

• When the driver is caught and stuck after MS Implant placement, insert the driver separator into the driver groove and remove it by using the lever principle



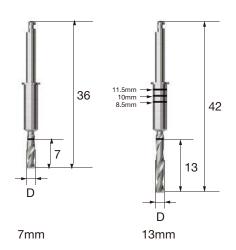
MSDS

OneMS Path Drill

- Drill for correction of the path deviation during OneGuide surgery
- Used for formation of implant placement path for extraction case
- Flat blade design optimized for cutting inclined bones
- 2 types for each drill diameter, 4 types in total : narrow hole(Ø3.6)
- For 13mm product, depth is adjusted according to the marking line (Top line : 11.5mm, Mid line : 10mm, Bottom line : 8.5mm)
- Recommended speed : 1,200~1,500 rpm

Narrow Hole (Ø3.6)

L D	Ø1.5	Ø2.0
7.0	OMSD1507	OMSD2007
13.0	OMSD1513	OMSD2013



OneMS Lance Drill

- Forming a hole in bone to facilitate initial drilling
- Bone density can be checked through drilling
- Sold as an individual item
- Recommended speed: 800~1,200 rpm

Narrow Hole (Ø3.6)

L	TL	Ø1.5
8.5	37.5	OMLD1508
10	39.0	OMLD1510
11.5	40.5	OMLD1511
13	42.0	OMLD1513



TSIII(Ø3.0) | **MS**

(Length: 10mm)

For drilling sequence of Implant 10 / 11.5 / 13mm, 8.5mm drill must precede for each step Ex. \emptyset 2.5×11.5mm MS implant

: Tissue punch ▶ Flattening drill ▶ Ø1.8×8.5mm (Must precede) ▶ Ø1.8×11.5mm ▶ NoMount driver ▶ Implant driver ※ Ø1.5 Drill(Option) : Used as an option for stable initial drilling

TSIII Ø3.0



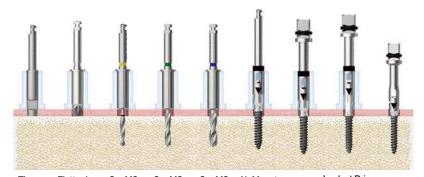
Bone Quality	Tissue Punch	Flattening Drill			OneMS Drill (Ø2.3)	OneMS Drill (Ø2.7)	F3.0 Cortical Drill	NoMount Driver	Implant Driver
Soft	•	(▶)	(▶)	•	•			•	•
Normal	•	(▶)	(▶)	•	•	•		•	•
Hard	•	(▶)	(▶)	•	>	•	•	•	•

MS Ø 2.0



D 0 17	Tissue Punch	Flattening Drill	OneMS	NoMount	Implant Driver		
Bone Quality			Drill (Ø1.5)	Driver	G/H 2.5	G/H 4.0	Denture
Soft	>	(▶)	•	•		>	
Normal	>	(▶)	>	>		>	
Hard	•	(▶)	•	•		•	

MS Ø 2.5



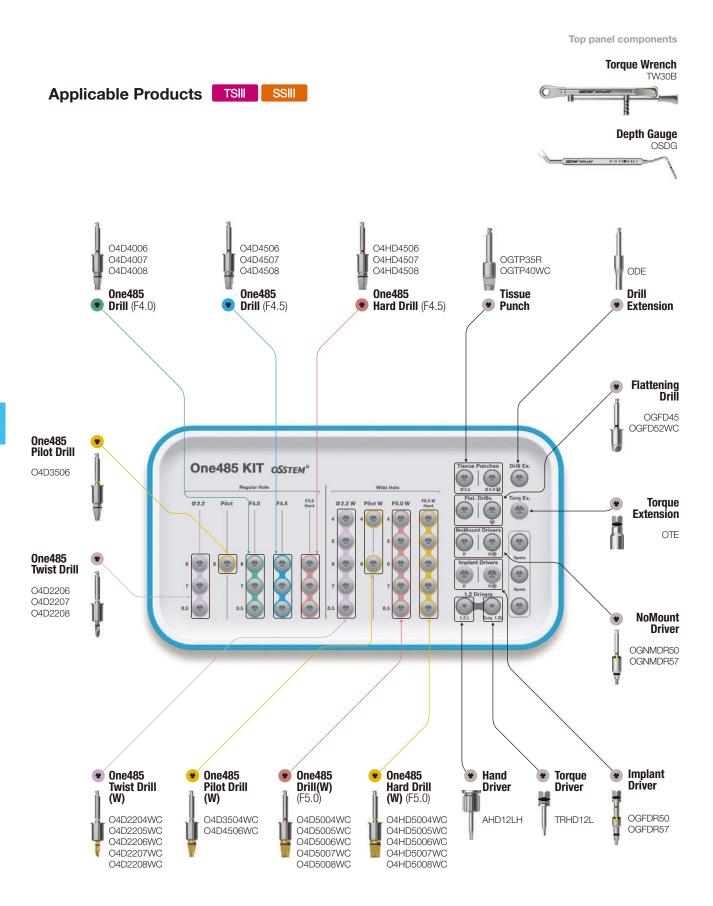
D 0	Tissue	Flattening	OneMS	OneMS	OneMS	NoMount	Implant Driver		
Bone Quality	Punch	nch Drill	Drill (Ø1.5)	Drill (Ø1.8)	Drill (Ø2.3)	Driver	G/H 2.5	G/H 4.0	Denture
Soft	•	(▶)	(▶)	•	_	•		•	
Normal	•	(▶)	(▶)	•	_	•		•	
Hard	•	(▶)	(▶)	>	(▶)	>		•	

MS Ø 3.0



Danie Ovelite	Tissue Flattening		OneMS	OneMS			NoMount	Implant Driver		
Bone Quality	Punch	Drill	Drill (Ø1.5)	Drill (Ø1.8)	Drill (Ø2.3)	Drill (Ø2.7)	Driver	G/H 2.5 G/H 4.0 Dentu	re	
Soft	•	(▶)	(▶)	•	_	_	•	>		
Normal	•	(▶)	(▶)	•	_	_	•	>		
Hard	•	(▶)	(▶)	•	•	(▶)	•	>		

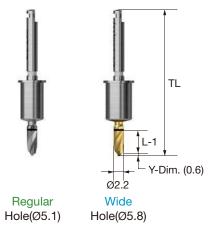
One485 KIT (00485K) NEW 2025



One485 KIT Surgical Instruments

One485 Twist Drill

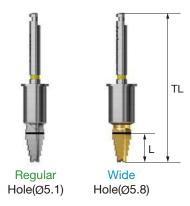
- Initial drill for determining the placement position and securing the guide depth of the subsequent drill
- Drilling with a straight blade up to -1mm of the implant placement depth
- Available in 8 types in total according to the diameter of OneGuide hole
 - Regular hole (Ø5.1) / Wide hole (Ø5.8)
- Recommended speed : 800~1,200rpm



L	TL	Regular Hole (Ø5.1) F4.0/F4.5	Wide Hole (Ø5.8) F5.0W
4.0	30.2	-	O4D2204WC
5.0	31.2	-	O4D2205WC
6.0	32.2	O4D2206	O4D2206WC
7.0	33.2	O4D2207	O4D2207WC
8.5	34.7	O4D2208	O4D2208WC

One485 Pilot Drill

- Intermediate drill for expansion of hole diameter
- Tip blade in the shape of 485 Drill, and the side blade in the shape of tapered drill
- Available in 3 types in total according to the diameter of OneGuide hole
 - Regular hole (Ø5.1) / Wide hole (Ø5.8)
- \bullet 4mm drill used for implant lengths of 4-5mm, and 6mm drill used for implant lengths of 6~8.5mm
- Recommended speed : 800~1,200rpm



		Regular Hole (Ø5.1)	Wide Hole (Ø5.8)
L \	TL	F4.5	F5.0W
4.0	30.9	-	O4D3504WC
6.0	32.9	O4D3506	O4D3506WC

One485 KIT Surgical Instruments

One485 Drill

- Final drill for final expansion and placement torque optimization
- Tip blade in the shape of 485 Drill, and the side blade in the shape of tapered drill
- Available in 19 types in total according to the diameter of OneGuide hole
- Regular hole (Ø5.1) / Wide hole (Ø5.8)
- F4.5 and F5.0 hard drill used for placement of F4.5 and F5.0 implants in hard bone,
- Recommended speed: 800~1,200rpm



Regular Hole (Ø5.1)

L\	TL	F4.0	F4.5	F4.5 Hard
6.0	32.9	O4D4006	O4D4506	O4HD4506
7.0	33.9	O4D4007	O4D4507	O4HD4507
8.5	35.4	O4D4008	O4D4508	O4HD4508

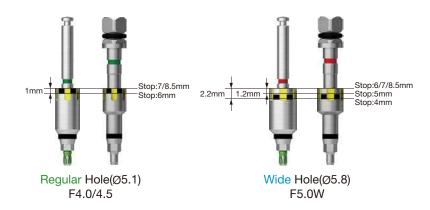
Wide Hole (Ø5.8)

L	TL	F5.0 (W)	F5.0 (W) Hard	
4.0	30.9	O4D5004WC	O4HD5004WC	
5.0	31.9	O4D5005WC	O4HD5005WC	
6.0	32.9	O4D5006WC	O4HD5006WC	
7.0	33.9	O4D5007WC	O4HD5007WC	
8.5	35.4	O4D5008WC	O4HD5008WC	

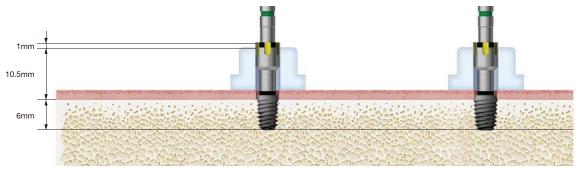
One485 KIT

Placement Depth Adjustment: (The same concept applies to TSIII and KSIII)

NoMount / Implant Driver characteristics

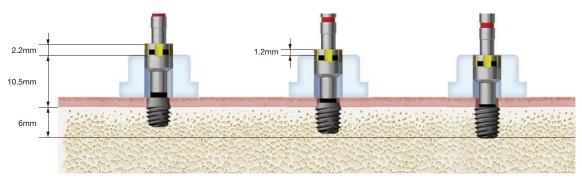


Ø4.0/Ø4.5x7mm(Ex.Short) Placement Guide



 \emptyset 4.0x7mm (Ex.Short) \emptyset 4.5x7mm (Ex.Short) Implant Code : TS3S4006S Implant Code : TS3S4506S

Ø5.0x6mm(Ex.Short) Placement Guide



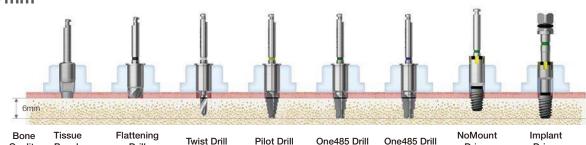
Ø5.0x6mm (Ex.Short) Implant Code: TS3S5004S Ø5.0x6mm (Ex.Short) Implant Code : TS3S5005S

Ø5.0x6mm (Short) Implant Code: TS3S5006S

TSIII | SSIII

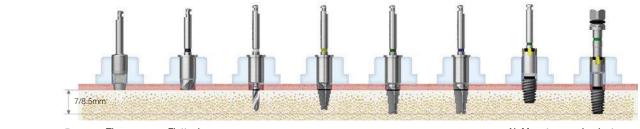
Extra Short

Ø4.0 × 7mm



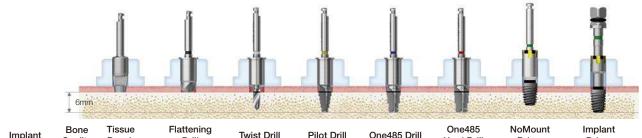
Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver
Ø4.0x7mm	Normal	•	(▶)	Ø2.2×6	Ø3.5×6	F4.0×6		Implant Placement	Implant
(Extra Short)	Hard	>	(▶)	Ø2.2×6	Ø3.5×6		F4.5×6	(Up to 80%)	Placement

Ø4.0 × 7/8.5mm



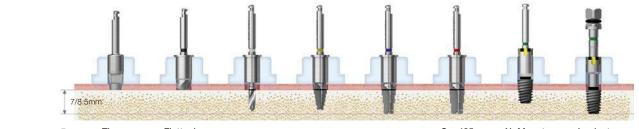
Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver
Ø4.0x	Normal	•	(▶)	Ø2.2x7/8.5	Ø3.5×6	F4.0x7/8.5		Implant Placement	Implant
7/8.5mm	Hard	•	(▶)	Ø2.2×7/8.5	Ø3.5×6		F4.5×7/8.5	(Up to 80%)	Placement

Extra Short Ø4.5 X 7mm



Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Hard Drill	NoMount Driver	Implant Driver
Ø4.5x7mm	Normal	•	(▶)	Ø2.2×6	Ø3.5×6	F4.5×6		Implant Placement	Implant
(Extra Short)	Hard	•	(▶)	Ø2.2×6	Ø3.5×6		F4.5x6	(Up to 80%)	Placement

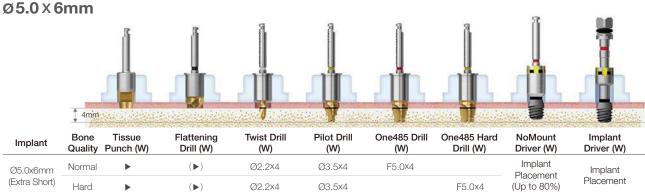
Ø4.5 × 7/8.5mm



Implan	t Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Hard Drill	NoMount Driver	Implant Driver
Ø4.5x	Normal	•	(▶)	Ø2.2x7/8.5	Ø3.5 x 6	F4.5x7/8.5		Implant Placement	Implant
7/8.5mr	m Hard	>	(▶)	Ø2.2×7/8.5	Ø3.5 × 6		F4.5×7/8.5	(Up to 80%)	Placement

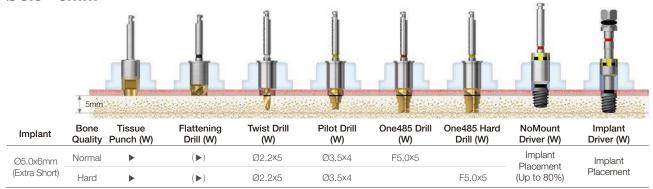
TSIII | SSIII

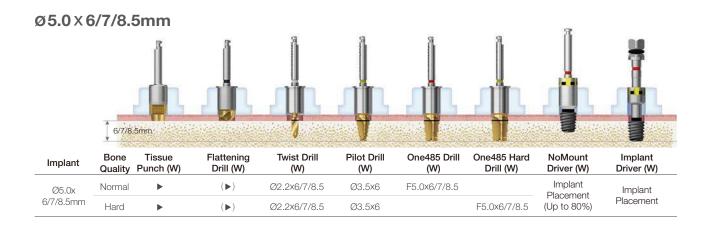
Extra Short



Extra Short

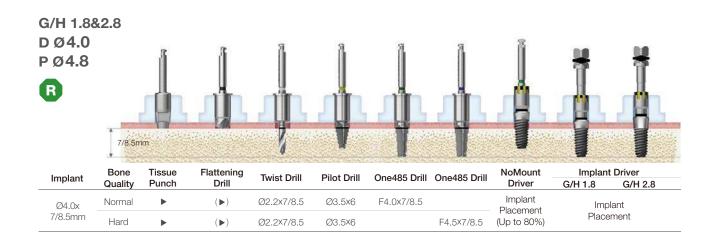


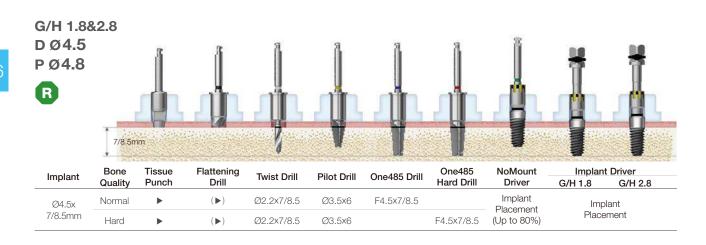


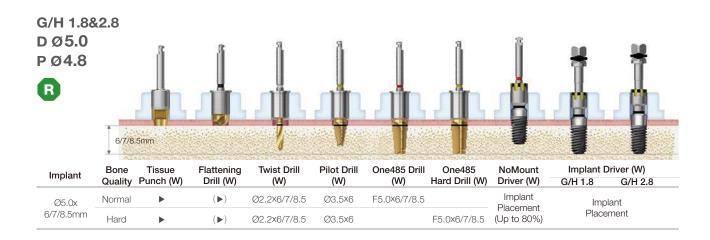


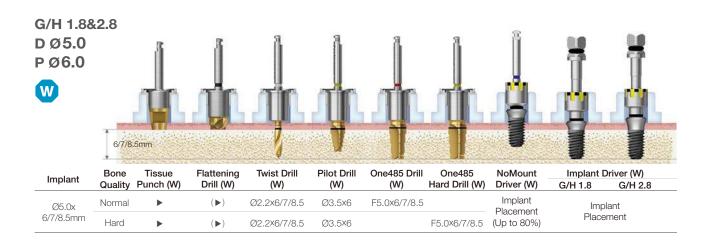


TSIII | SSIII

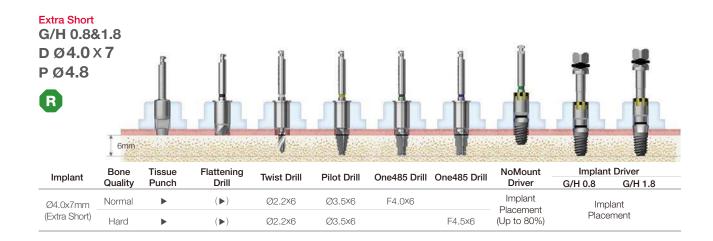


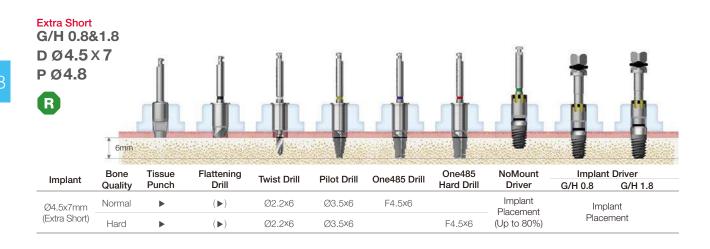


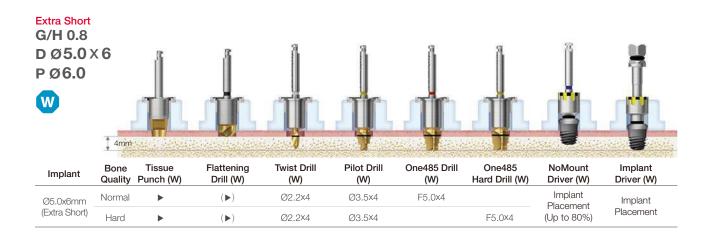


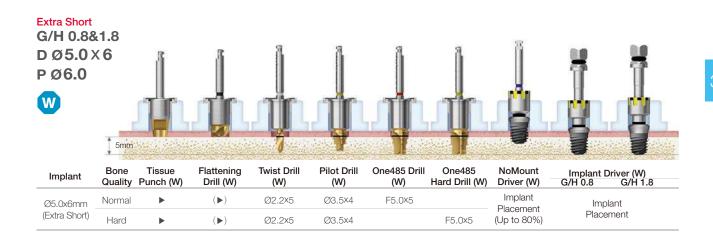


TSIII | SSIII





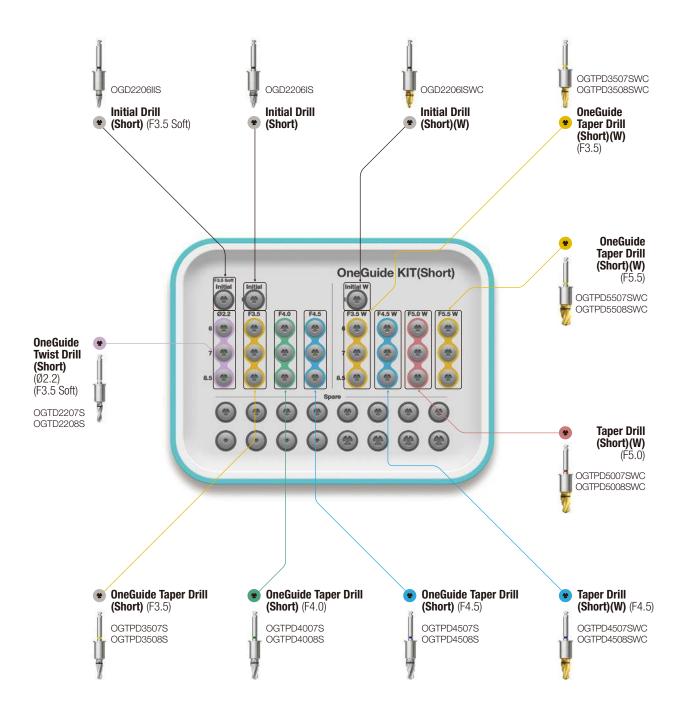




OneGuide KIT (Short) (OOGKS) NEW 2025

Applicable Products TSIII/IV SS

- OneGuide KIT composed of OneGuide drills with a short handle
- Used for OneGuide surgery for patients with smaller intermaxillary distance (posterior region, in particular)
- Handle size of initial drill and 6/7/8.5mm OneGuide drill: 14.1mm



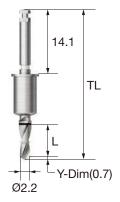
OneGuide KIT (Short) Surgical Instruments

OneGuide Twist Drill (Short) (Ø2.2)

- Drill with a short handle of 14.1mm used for cases with limited intermaxillary distance
- Used for placing F3.5 implant in soft bone
- Available in 2 types by length

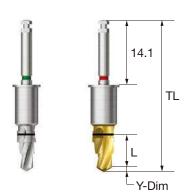
Regular Hole (Ø5.1)

L	TL	Ø2.2
7.0	32.8	OGTD2207S
8.5	34.3	OGTD2208S



OneGuide Taper Drill (Short)

- Drill with a short handle of 14.1mm used for cases with limited intermaxillary distance
- \bullet Taper Drill optimized for III/IV type implant
- Placement of F3.5-F5.0 and 6-13mm implants
- Stable drilling with multi-stage structure
- 6mm type for each diameter is sold as an individual item



Regular Hole (Ø5.1)

L _	F3.5	TL	F4.0	TL	F4.5	TL	-	
Y-Dim	0.7		0.9		1.0		-	
6	OGTPD3506S	31.8	OGTPD4006S	32.0	OGTPD4506S	32.1	-	
7	OGTPD3507S	32.8	OGTPD4007S	33.0	OGTPD4507S	33.1	-	
8.5	OGTPD3508S	34.3	OGTPD4008S	34.5	OGTPD4508S	34.6	=	

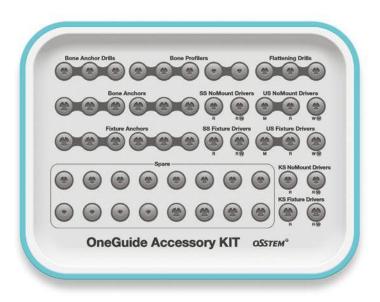
Wide Hole (Ø5.8)

L	F3.5(W)	TL	F4.5(W)	TL	F5.0(w)	TL	F5.5(W)	TL
Y-Dim	0.7		1.0		1.0		1.0	
6	OGTPD3506SWC	31.8	OGTPD4506SWC	32.1	OGTPD5006SWC	32.1	OGTPD5506SWC	32.1
7	OGTPD3507SWC	32.8	OGTPD4507SWC	33.1	OGTPD5007SWC	33.1	OGTPD5507SWC	33.1
8.5	OGTPD3508SWC	34.3	OGTPD4508SWC	34.6	OGTPD5008SWC	34.6	OGTPD5508SWC	34.6

OneGuide Accessory KIT (OOGAK) NEW 2025



- · KIT consisted of the tools selected by user
- Possible to house the products not included in the OneGuide KIT as basic components such as OneGuide Bone/Fixture Anchor, and SS/US/KS Driver
- Spare holes deployed by rubber size (Large 4, Medium 8, Small 4) for user preferences





OneGuide System Surgical Instruments

OneGuide Twist Drill NEW 2025

- Used for drilling before using OneGuide Bone Anchor
- Sold as an individual item
- Recommended speed: 800~1,200rpm

	Regular	Wide	
	Hole (Ø5.1)	Hole (Ø5.8)	
Ø1.5	OGTD1506	OGTD1506W	



OneGuide Bone Anchor NEW 2025

- \bullet Used for fixing OneGuide in place in vertical direction (e.g. edentulous case)
- Mounted on the alveolar bone vertically to fix OneGuide in place
- Soft bone : placed directly
- Normal/hard bone : placed after using the OneGuide Twist Drill for Bone Anchor
- Tightened at 20rpm forward with Anchor Driver
- Sold as an individual item





OneGuide Implant Anchor

- Used for fixing OneGuide in place in vertical direction (e.g. edentulous case)
- Mounted on the implant vertically to fix OneGuide in place
- Tightened with 1.2 hex driver (hand mode)
- Only used for a Regular connection of F4.0 or greater
- Sold as an individual item





OneGuide Reamer Drill

- Reamer for hole size adjustment after output of OneGuide template
- ullet 2 types each for each hole diameter of OneGuide, 6 types in total
- · Sold as an individual item

Narrow	Regular Hole	Wide
Hole (Ø3.6)	(Ø5.1)	Hole (Ø5.8)

	Narrow Hole (Ø3.6)	Regular Hole (ø5.1)	Wide Hole (ø5.8)
Sleeveless	OGRD36	OGRD51	OGRD58
Metal Sleeve	OGRDS36	OGRDS51	OGRDS58

OneGuide System Surgical Instruments

OneGuide Metal Sleeve Press-in Jig NEW 2025

- Used for press-in of metal sleeve to the OneGuide template hole
- 3 types each for each hole diameter of OneGuide
- Sold as an individual item



Narrow	Regular	Wide	
Hole (ø3.6)	Hole (ø5.1)	Hole (ø5.8)	
OGSPJN	OGSPJR		

OneGuide Metal Sleeve NEW 2025

- Used for protection of inner surface of OneGuide template and implant surface
- The sleeve is connected to jig after using a dedicated reamer and inserted to the OneGuide hole
- Can be purchased as a connected type for initial ordering of OneGuide template
- 3 types each by height according to OneGuide hole size, 9 types in total
- Sold as an individual item
- 1set = 10ea







- Hole (Ø3.6) Hole (Ø5.1)
- Hole (Ø5.8)

	Narrow Hole (Ø3.6)	Regular Hole (ø5.1)	Wide Hole (Ø5.8)
3.5mm	OGSCN35S	OGSCR35S	OGSCW35S
5.0mm	OGSCN50S	OGSCR50S	OGSCW50S
7.0mm	OGSCN70S	OGSCR70S	OGSCW70S

CT Checker

- Used for drilling path checking prior to OneGuide surgery, by connecting to the guide hole and taking CT images (e.g. edentulous cases)
- 1 type for each hole diameter
- Sold as an individual item
- 1set = 5ea







Hole (Ø3.6)

Hole (Ø5.1)

Hole (Ø5.8)

Narrow	Regular	Wide
Hole (ø3.6)	Hole (ø5.1)	Hole (ø5.8)
CTCHK35S	CTCHK50S	

Resin Marker NEW 2025

- Attached to the denture to check the agreement between the CT data and scan data
- Sold as an individual item
- 1set = 5ea



RSMRKS

OneGuide Mount Driver

- Used for placing Pre-Mount implant
- Recommend placement up to 80% of the planned implant placement depth (Matching the black line)
- Sold as an individual item





Digital Prosthetics Scan Body

TS Scan Body

- Used for digital impression coping
- Tightened with a 1.2 hex driver
- Packing unit : scan body + Ti screw

Scan body + screw order code

: product code + TH (ex : TSNSBRLTH)



















TSNSBML





TSNSBRS



TSNSBRL

A scan body for fabrication of OneFit abutment for other manufacturers' implants (long type)

D Type	DESBSTH	
Di Type Dt Type M Type	CUSBSTH	— Purple anodizing screw

SS Scan Body NEW 2025

- Used for digital impression coping
- Tightened with a 1.2 hex driver
- Packing unit : scan body + Ti screw

Scan body + screw order code

: product code + TH (ex : SSNSBRLTH)



Regular













SSNSBRS



SSNSBRL





SSNSBWS



SSNSBWL

Digital Prosthetics Scan Body

Scan Body Classification Guide

• See classification by scan body (intraoral) system



Scan Body Holding Driver

- Driver exclusively for scan body (intraoral) used for connection and separation of a scan body
- · Applicable to all of TS, SS
- Mini : **TS** Mini
- Regular : TS Regular
 - SS Regular / Wide



Digital Prosthetics Scan Healing Abutment

TS Scan Healing Abutment

- · Healing Abutment with scan body function
- Different types are differentiated by the marker shape at the top (See the type classification table)
- Abutment level impression
- Driver-integrated carrier is used for transfer to the mouth and ease of connection
- Different screws are used for different lengths (mixed use not possible)
- 1.2 hex driver / driver-integrated carrier
- Packing unit : scan healing abutment body + Ti screw

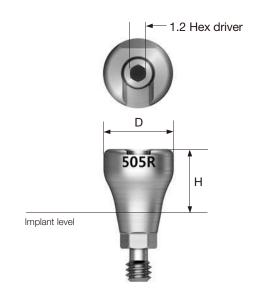
Scan healing abutment body + Ti screw order code

: product code + TH (ex : TSSHA505RTH)









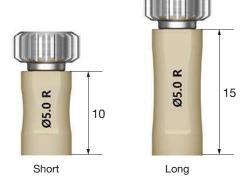


TS Scan Healing Abutment Carrier

- Used for transferring the Scan Healing Abutment into the mouth and for connection
- Selected according to the body diameter for use
- Material: PEEK + TrimRite









Digital Prosthetics Digital Lab Analog

Digital Lab Analog (TS, SS)

- · Lab Analog for making the digital implant working model
- Ease of classification through the color of Lab Analog
- · Convenient connection through lab analog tools such as Reamer Drill and Positioning Jig
- Packing unit : digital lab analog + screw





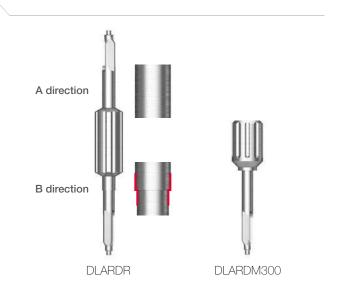
Reamer Drill

- Used for correction of insertion path of 3D-printed working model
- See the table below for guide of use by the type of Digital Lab Analog

• DLARDR

Туре	A direction	B direction
TS	Regular / Multi	Mini
SS	Regular / Wide	

• DLARDM300 Type TS



Positioning Jig

- Used for inserting Lab Analog to the working model in the accurate hex direction
- TS, SS types are used regardless of connection
- TSMDLAPJ : Exclusively for Digital Lab Analog for multi abutment (TSMDLA)









Screw Bulk

• Set of 10 screws for Lab Analog only

Screw Bulk (10ea)



Digital Prosthetics Pre-milled Abutment

TS Pre-Milled Abutment

- · Making custom abutment with dental milling equipment
- Easy identification from non-genuine product with Osstem certification mark
- Superior tightening precision compared to non-genuine product
- · Product lineup according to different milling equipment (Milling equipment manufacturers: Doowon, Vatech, Neo, Manix and Zirkonzahn)
- Packing unit : abutment + EbonyGold screw or Ti screw

Abutment + screw order code

: product code + WH or TH (ex : TSPM10ARMWH)



Fauriament	lmnlant	Invalent D Time	Tuna	Code		
Equipment	Implant	D	туре	Hex	Non-Hex	
			C.10	Mini	TSPM 10ARMWH	TSPM10ARMNWH
ARUM		Ø10	Regular	TSPM 10ARRWH	TSPM10ARRNWH	
lmes-icore Dental plus	Osstem TS	0.14	Mini	TSPM 14ARMWH	TSPM 14ARMNWH	
		Ø14	Regular	Hex TSPM10ARMWH TSPM10ARRWH	TSPM 14ARRNWH	
		0.10	Mini	TSPM10ARMWH TSPM10ARRNWH TSPM10ARRNWH TSPM14ARMWH TSPM14ARRWH TSPM14ARRNWH TSPM14ARRNWH TSPM10CAMWH TSPM10CAMWH TSPM10CARWH TSPM10CARWH TSPM10CARWH TSPM14CAMWH TSPM14CAMWH TSPM14CARWH TSPM14CARWH TSPM14CARWH TSPM12CEMWH TSPM12CEMWH TSPM12CERWH TSPM10ZKMWH TSPM10ZKRWH TSPM10ZKRWH TSPM10ZKRWH TSPM10ZKRWH TSPM14ZKRWH TSPM14ZKRWH TSPM14ZKRWH TSPM14ZKRWH TSPM14ZKRWH TSPM14ZKRWH TSPM10MXRWH TSPM10MXRWH TSPM10MXRWH TSPM10MXRWH TSPM10MXRWH TSPM10MXRNWH TSPM10MXRWH TSPM10MXRNWH TSPM10MXRNWH TSPM10MXRNWH TSPM10MXRNWH TSPM10MXRNWH TSPM10MXRNWH TSPM10MXRNWH TSPM10MXRNWH TSPM10MXRNWH	TSPM10CAMNWH	
Neo	0 1 70	Ø10	Regular			
Cameleon	Osstem TS	0.14	Mini			
		Ø14	Regular		TSPM14CARNWH	
			Mini	Hex TSPM10ARMWH T TSPM10ARRWH T TSPM14ARRWH T TSPM10CAMWH T TSPM10CARWH T TSPM14CARWH T TSPM14CARWH T TSPM12CEMWH T TSPM10ZKMWH T TSPM10ZKRWH T TSPM14ZKMWH T TSPM14ZKRWH T TSPM14ZKRWH T TSPM10MXMWH T TSPM10MXRWH T TSPM14MXMWH T	TSPM12CEMNWH	
Ceramill	Osstem TS	Ø12	Regular	TSPM 12CERWH	TSPM12CERNWH	
		Ø10	Mini	TSPM 10ZKMWH	TSPM 10ZKMNWH	
	NEW 2025	Ø 10	Regular	TSPM 10ZKRWH	TSPM 10ZKRNWH	
Zirkonzahn	Osstem TS	014	Mini	Type Hex Mini TSPM10ARMWH Regular TSPM10ARRWH Mini TSPM14ARMWH Regular TSPM14ARRWH Mini TSPM10CAMWH Regular TSPM10CARWH Mini TSPM14CAMWH TSPM14CAMWH TSPM14CARWH Mini TSPM12CERWH Mini TSPM12CERWH Mini TSPM10ZKMWH Regular TSPM10ZKMWH TSPM10ZKMWH TSPM14ZKMWH Mini TSPM14ZKMWH TSPM14ZKMWH Mini TSPM14ZKMWH TSPM14ZKRWH Mini TSPM14ZKRWH Mini TSPM14ZKRWH Mini TSPM14ZKRWH Mini TSPM10MXMWH Regular TSPM10MXMWH TSPM10MXMWH TSPM10MXRWH Mini TSPM10MXRWH TSPM10MXRWH	TSPM 14ZKMNWH	
		Ø14	Regular		TSPM 14ZKRNWH	
		C.10	Mini	TSPM 10MXMWH	TSPM10MXMNWH	
	NEW 2025	Ø10	Regular	TSPM10MXRWH	TSPM10MXRNWH	
Manix	Osstem TS		~11	Mini	TSPM 14MXMWH	TSPM 14MXMNWH
		Ø14 ——		TSPM14MXRWH	TSPM14MXRNWH	

Digital Prosthetics Pre-milled Abutment

SS Pre-Milled Abutment

- Making custom abutment with dental milling equipment
- Superior tightening precision compared to non-genuine product
- Packing unit : abutment + Ti screw

Abutment + screw order code

: product code + TH (ex : SSPM10AGRTH)



			_	Co	ode
Equipment	Implant	D	Туре	Octa	Non-Octe
		~ 10	Regular	SSPM10AGRTH	SSPM10AGRNTH
ARUM		Ø10	Wide SSPM10AGV	SSPM10AGWTH	SSPM10AGWNTH
Imes-icore Dental plus	Osstem SS	NEW 2025 Ø14	Regular	SSPM 14ANRTH	SSPM 14ANRNTH
Manix	Osstem SS	NEW 2025	Regular	SSPM10MXRTH	
IVIANIX	Ossteili 33	Ø10	Wide	SSPM10MXWTH	

Digital Prosthetics Link Abutment (for public / Cerec)

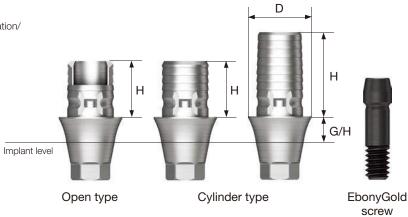
TS Link Abutment for Public NEW 2025

- · Abutment for fabrication of cement-retained/combination/ screw-retained prosthesis
- Used for fabrication of Ti + Zr custom abutment with CAD/CAM equipment
- The official Osstem Implant Library is provided
- Implant level impression

EbonyGold screw

- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + EbonyGold screw

Abutment + EbonyGold screw order code : product code + WH (ex : TSPL4541RWH)



3.0

4.0

. product code 1	. product code 1 mm (ox . For 2404 mm)				
D Ø4.0	H G/H	1.0			
0.0	Туре	E 0			

				H	
	4.0 Open Type	TSPL4041M	TSPL4042M	TSPL 4043M	TSPL 4044M
Hex	4.0 Cylinder Type	TSPL4041C	TSPL4042C	TSPL 4043C	TSPL4044C
	6.0 Cylinder Type	TSPL 4061 M	TSPL 4062M	TSPL 4063M	TSPL 4064M
	4.0 Open Type	TSPL 4041MN	TSPL 4042MN	TSPL 4043MN	TSPL 4044MN
Non-Hex	4.0 Cylinder Type	TSPL4041CN	TSPL4042CN	TSPL4043CN	TSPL4044CN
	6.0 Cylinder Type	TSPL4061MN	TSPL 4062MN	TSPL 4063MN	TSPL 4064MN

2.0

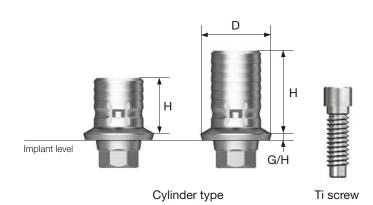
D Ø 4.5 R EbonyGold screw : GSABSS		H G/H Type	1.0	2.0	3.0	4.0
	Hex	4.0 Open Type4.0 Cylinder Type	TSPL 4541R TSPL 4541C	TSPL 4542R TSPL 4542C	TSPL 4543R TSPL 4543C	TSPL 4544R TSPL 4544C
		6.0 Cylinder Type	TSPL 4561R	TSPL 4562R	TSPL 4563R	TSPL 4564R
1	Non-Hex	4.0 Open Type4.0 Cylinder Type6.0 Cylinder Type	TSPL4541RN TSPL4541CN TSPL4561RN	TSPL4542RN TSPL4542CN TSPL4562RN	TSPL4543RN TSPL4543CN TSPL4563RN	TSPL4544RN TSPL4544CN TSPL4564RN

SS Link Abutment for Public NEW 2025

- Abutment for fabrication of cement-retained/combination/ screw-retained prosthesis
- Used for fabrication of Ti + Zr custom abutment with CAD/ CAM equipment
- The official Osstem Implant Library is provided
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 30Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code

: product code + TH (ex : SSPL4840CTH)



0.5 D Ø6.3 0.5 D Ø5.1 H G/H H G/H Type Type Ti screw Ti screw **4.0** Cylinder Type SSPL4840C **4.0** Cylinder Type SSPL6040C **6.0** Cylinder Type SSPL4860C **6.0** Cylinder Type SSPL6060C

Digital Prosthetics Link Abutment (for public / Cerec)

TS Link Abutment for Cerec

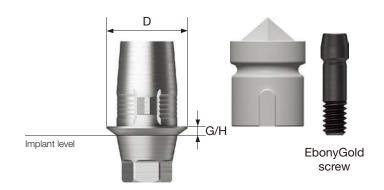
- · Abutment for fabrication of cement-retained/combination/ screw-retained prosthesis
- Used for fabrication of Ti + Zr custom abutment with Cerec CAD/CAM equipment
- Tightened with a 1.2 hex driver
- · Recommended tightening torque: 20Ncm(mini), 30Ncm(regular)
- Packing unit : abutment + EbonyGold screw + scan body

Abutment + EbonyGold screw + scan body order code

: product code + WH (ex : TSCTBRWH)











TS Cerec Scan Post

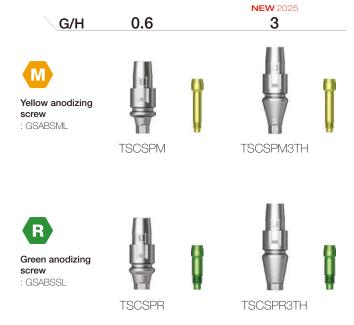
- Used for the scan body of Cerec Link Abutment with little vertical exposure (When the implant is deeply placed or the soft tissue is thick)
- · Scanning by connecting Scan Body
- Hand tightened with a 1.2 hex driver
- Packing unit : scan post + Ti screw

Scan post + screw order code

: product code + TH (ex : TSCSPRTH)







Cerec Scan Body

- Scanning by connecting Cerec Link Abutment or Scan Post
- Common use for KS/TS
- Packing unit : 10ea



TSCSBS

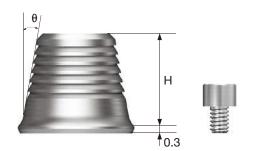
Digital Prosthetics TS Multi Ti Base

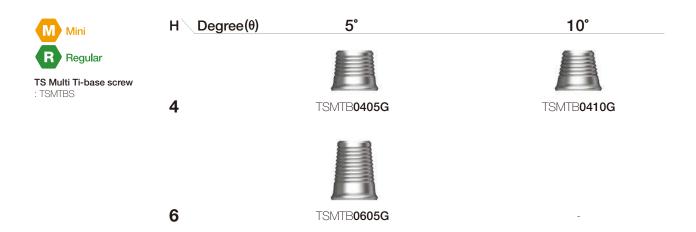
TS Multi Ti Base

- Used for producing combination prosthesis in TS multi abutment
- Used in connection with TS multi scan body
- Abutment level impression
- Non-hex type only
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : Ti base + Ti base screw



: product code + TH (ex : TSMTB505GTH)





TS Multi Scan Body

- Used for oral scanning by connecting to TS Multi Abutment
- Hand tightened with a 1.2 hex driver



TSMSBC







SURGICAL MOTOR

416 SM5

417 SM3

INTRA ORAL SCANNER

420 i700

420 i700 Wiresless

420 i900

ISQ MONITOR

418 IS3

ELECTRIC DRIVER

419 e-Driver

Surgical Motor

SM5 LUX

- Powerful yet compact and lightweight motor
- LED light with motor
- One touch auto calibration
- · Real-time torque
- Max torque: 5.5Ncm
- Reduction ratio : 20:1
- Speed range: 15~2,000rpmPrograms: 4~10steps
- Manufacturer: Kavo, Germany



EXPERTsurg

SURGmatic S201L PRO

Reduction ratio: 20:1RPM: 15~2,000rpm

- Max torque: 55NcmRemovable round bur
- Small head, capable of both internal and external irrigation
- Manufacturer: Kavo, Germany

S201L



SURGmatic S11L Option

• Reduction ratio: 1:1

• Max. speed: 40,000rpm

• Max torque: 5.5Ncm

- For use with standard-length (44.5mm) handpiece burs and contra-angle burs
- Manufacturer: Kavo, Germany



SM3

- Powerful torque (80Ncm)
- LED lux (3 adjustable brightness levels)
- Compact and lightweight motor
- Advanced torque calibration system (calibration)
- Large LCD screen allows comprehensive display of information
- Max. speed: 40,000 rpmMax torque: 80Ncm
- Program : 8 program * 8 system
 Manufacturer: NSK, Japan





S200EL

Reduction ratio: 20:1Max. speed: 2,000 rpmManufacturer: NSK, Japan

S200EL



ISQ Monitor

IS3TM

- Resonance Frequency Analysis (RFA)
- Implant Stability Quotient (ISQ)
- Raise the implant success rate with accurate diagnosis
- High Accuracy Measurement Result
- Determines optical loading protocol
- Hand held instrument with single key operation

55002-HM



419

Electric Driver

e-Driver

- Strong and accurate application of torque (Range: 5~35Ncm)
- Adjustable drilling speed (Range: 15~60rpm)
- Minimizes OrthAnchor fractures and ensures accurate placement path
- Ease of abutment tightening and minimizing the chance of screw loosening

OSM-TORQ



Intra Oral Scanner

i700

- · Advanced Intra Oral Scanner
- 2x increased scan speed (FPS 70)
- Optimized for implant prosthetic "Al Scan"
- Remote control Mode
- Equipped with UV-C LED disinfection function
- Patient Consulting Application
- Smile Design
- Ortho simulation
- Dynamin Occlusion

MD-IS0200



i700 wireless

- Full mobility with wireless scanning
- Real-time display of scanning progress in the chairside screen
- 2x increased scan speed (FPS 70)
- Optimized for implant prosthetic "Al Scan"
- Remote control Mode
- Equipped with UV-C LED disinfection function
- Patient Consulting Application



MD-IS0300

i900 NEW 2025

- Premium Intra Oral Scanner
- Lightest Weight 165g
- Most Compact Size (L*W*H) 223*37*34mm
- New Optical Engine
- : Improve Metal Scanning / Accuracy
- Hygienic Touch Pad
- Haptic Sensor (Vibration Alarm & LED Light)







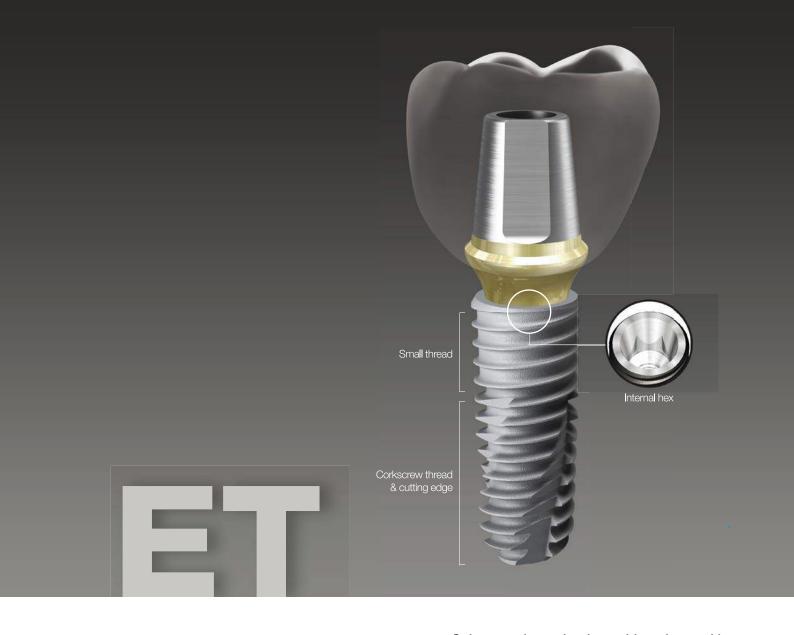


IMPLANT

426 ETIII SA Implant

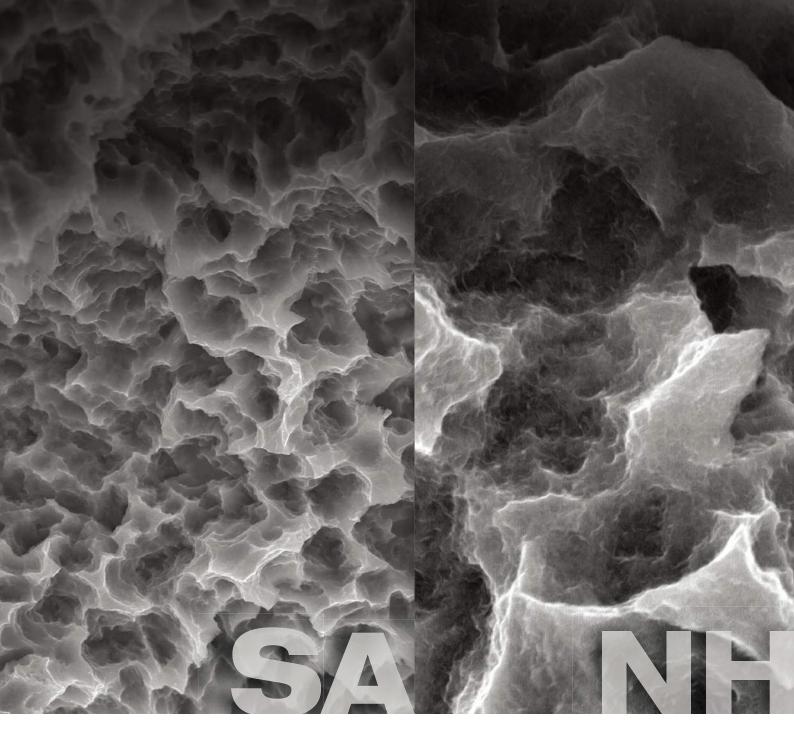
428 ETIII NH Implant

ET Design & Surface Feature



Submerged type implant with an internal hex 11° tapered connection structure

- Connection Mini / Regular
- Effect of improved initial stability in soft bone with smaller threads in the upper section
- Corkscrew thread & cutting edge
- Superior self-threading effect for ease of placement path adjustment
- Enhanced initial stability in soft bone and application of consistent placement torque according to the drill diameter
- Various body shape options available to match the patient's bone quality and clinical condition
- ETIII (1.5° tapered body) Excellent initial stability needed for immediate loading even in soft bone
- Applicable surface types SA / NH



Optimized surface morphology through acid-etching treatment

- · Surface roughness: Ra 2.0-3.0µm (Note: the roughness in the upper 0.5mm part is Ra 0.5-0.6µm)
- \cdot Uniform surface micro-pits of 1-3 μ m
- Surface area increased by 46% compared to resorbable blast media (RBM) treated implants

In-vitro and In-vivo Bone Response

- · Osteoblast differentiation and ossification improved by 20% compared to RBM-treated implants
- · Initial bone response in a large animal model (mini-pig)
- Initial stability (removal torque (RT), 4 weeks) improved by 48% compared to RBM-treated implants
- Ossification (bone implant contact (BIC), 4 weeks) improved by 20% compared to RBM-treated implants

Low crystalline nano-HA coated SA surface

- \cdot 10nm or less ultra-thin hydroxyapatite (HA) coating
- · SA surface (Ra 2.0-3.0µm) coated with HA
- · Dual functions of titanium and HA
- HA is naturally resorbed during ossification

In-vitro and In-vivo Bone Response

- · Combination of advantages of both SA surfaces and HA
- SA's ability to maintain the optimal surface morphology
- HA's ability of high-quality bone formation even in bones of poor quality
- Ossification (BIC) improved by 40% compared to SA surfaces
- \cdot Applicable to all types of bone quality compared to HA

ETIII SA Implant

- Bone level with 11° Morse taper internal hex connection
- Taper body with corkscrew thread design that acquires superior initial stability
- Narrow threads that increases self-tapping, path-correction and initial stability in soft bone
- Recommended implant placement torque: 40 Ncm or less
- Recommended implant size in posterior: Minimum Ø4.5mm

Narrow

- Optimized for narrow ridge
- Compatible with Mini platform components (Excluded: Cover screw, Mount, Lab analog)

Ultra-wide

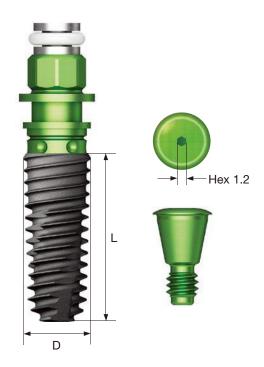
- Optimized for posterior extraction and immediate placement, and replacement of failed implant case
- Efficient apex design that strengthens initial stability with immediate placement after extraction

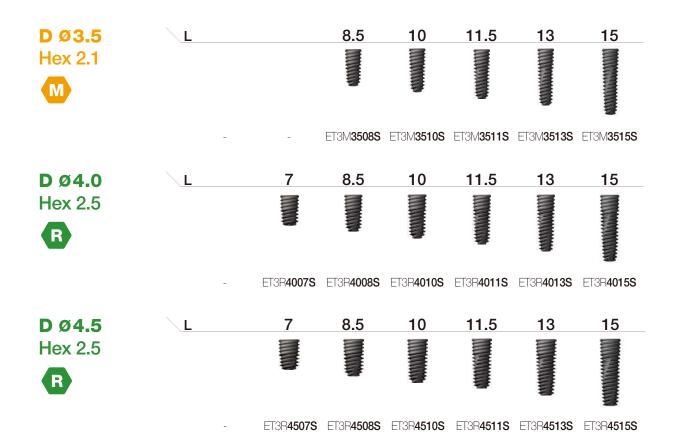
NoMount implant order code

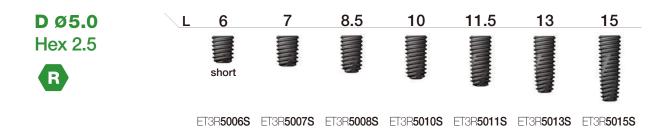
: implant product code (ex : CET3R4010S)

Pre-Mounted implant (implant + mount + cover screw) order code

: A + implant product code (ex : AET3R4010S)







Ultra-Wide



ETIII NH Implant

- Bone level with 11° Morse taper internal hex connection
- Taper body with corkscrew thread design that acquires superior initial stability
- Narrow threads that increases self-tapping, path-correction and initial stability in soft bone
- Recommended implant placement torque: 40 Ncm or less
- Recommended implant size in posterior: Minimum Ø4.5mm

Narrow

- Optimized for narrow ridge
- Compatible with Mini platform components (Excluded: Cover screw, Mount, Lab analog)

Ultra-wide

- Optimized for posterior extraction and immediate placement, and replacement of failed implant case
- Efficient apex design that strengthens initial stability with immediate placement after extraction

NoMount implant order code

: implant product code (ex : CET3R4010B)

Pre-Mounted implant (implant + mount + cover screw) order code

: A + implant product code (ex : AET3R4010B)

