



2025 - 26
IMPLANT
SYSTEM
EUROPE

OSSTEM[®]
IMPLANT

2025 - 26

IMPLANT

SYSTEM

EUROPE

003	INTRODUCTION
012	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	HIOSEN 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.

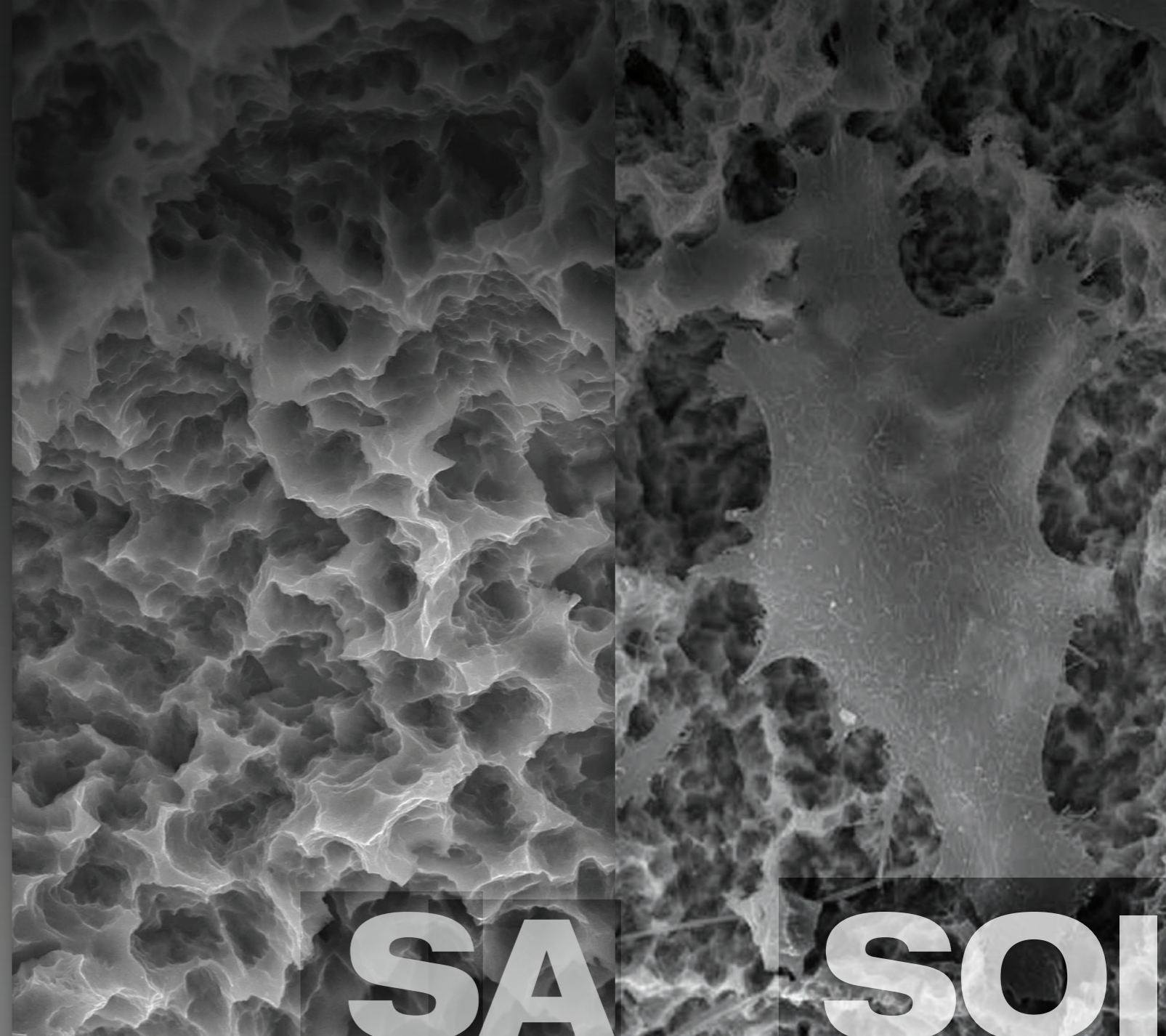
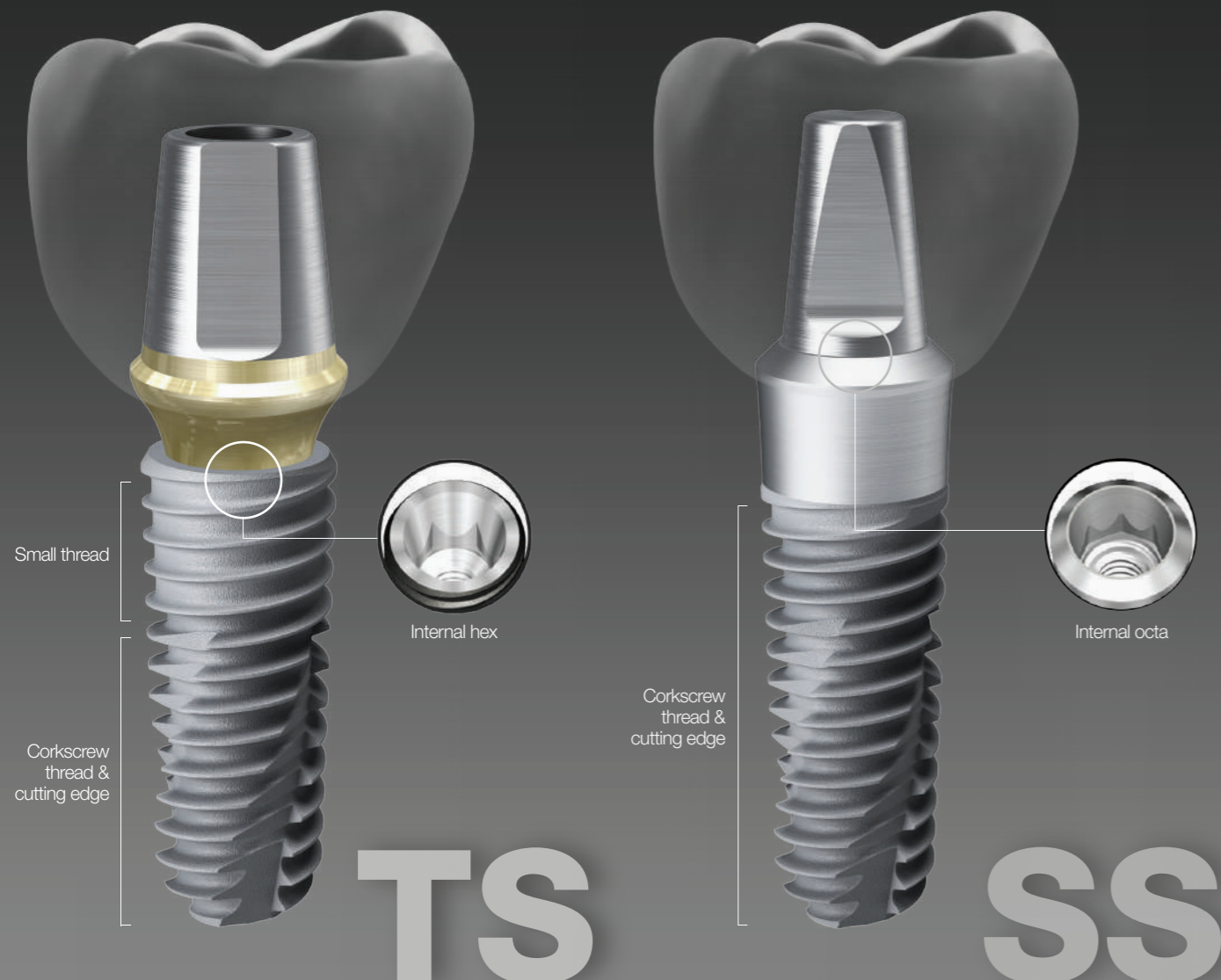
The product type and code are displayed to help with accurate ordering. We have added the product thumbnail pages to view the components at a glance and detailed information pages to describe the functions of each component for enhanced user understanding. For GBR products, shape, size, and capacity 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)



OSSTEM[®] Implant Design feature



SA

SOI

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 2.0-3.0 μ m (Note: the roughness in the upper 0.5mm part is Ra 0.5-0.6 μ m)
- 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

Next-generation surface with hemostatic effect and pH control feature

- Activation of blood clot formation
- Prevention of carbon adsorption in air
- The same surface roughness (Ra 2.0-3.0 μ 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
- Surface with the shortest duration of treatment

OSSTEM[®]
IMPLANT



TS SYSTEM

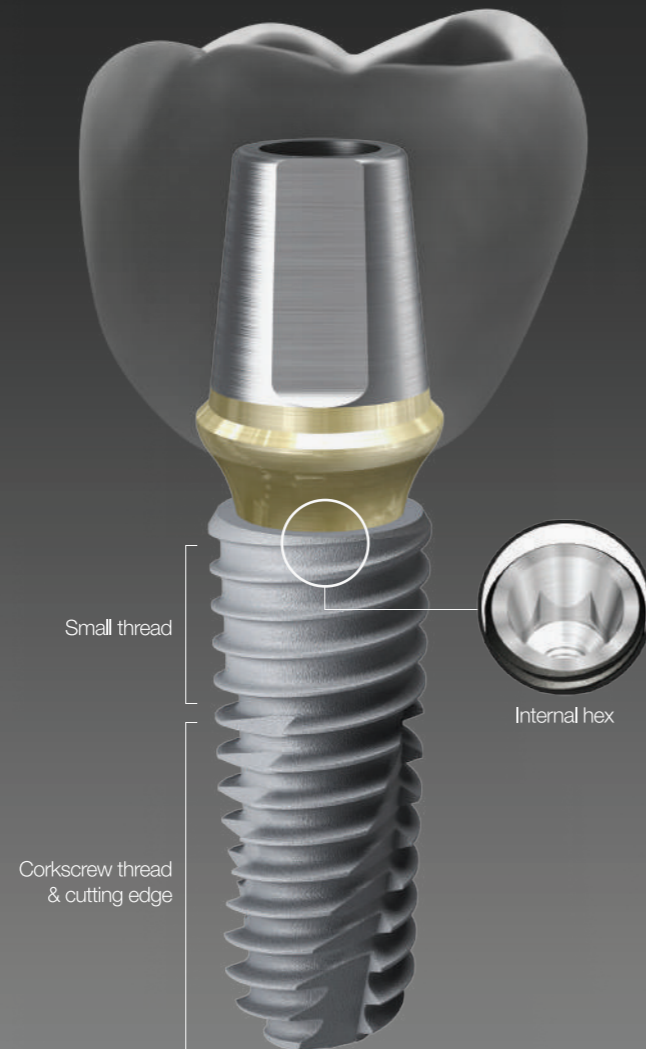
IMPLANT

- 012** TSII SA Implant
- 014** TSIII SA Implant
- 016** TSIII SOI Implant
- 018** TSIV SA Implant
- 020** Simple Mount
- 021** Cover Screw
- 022** Healing Abutment
- 023** Custom Healing Abutment

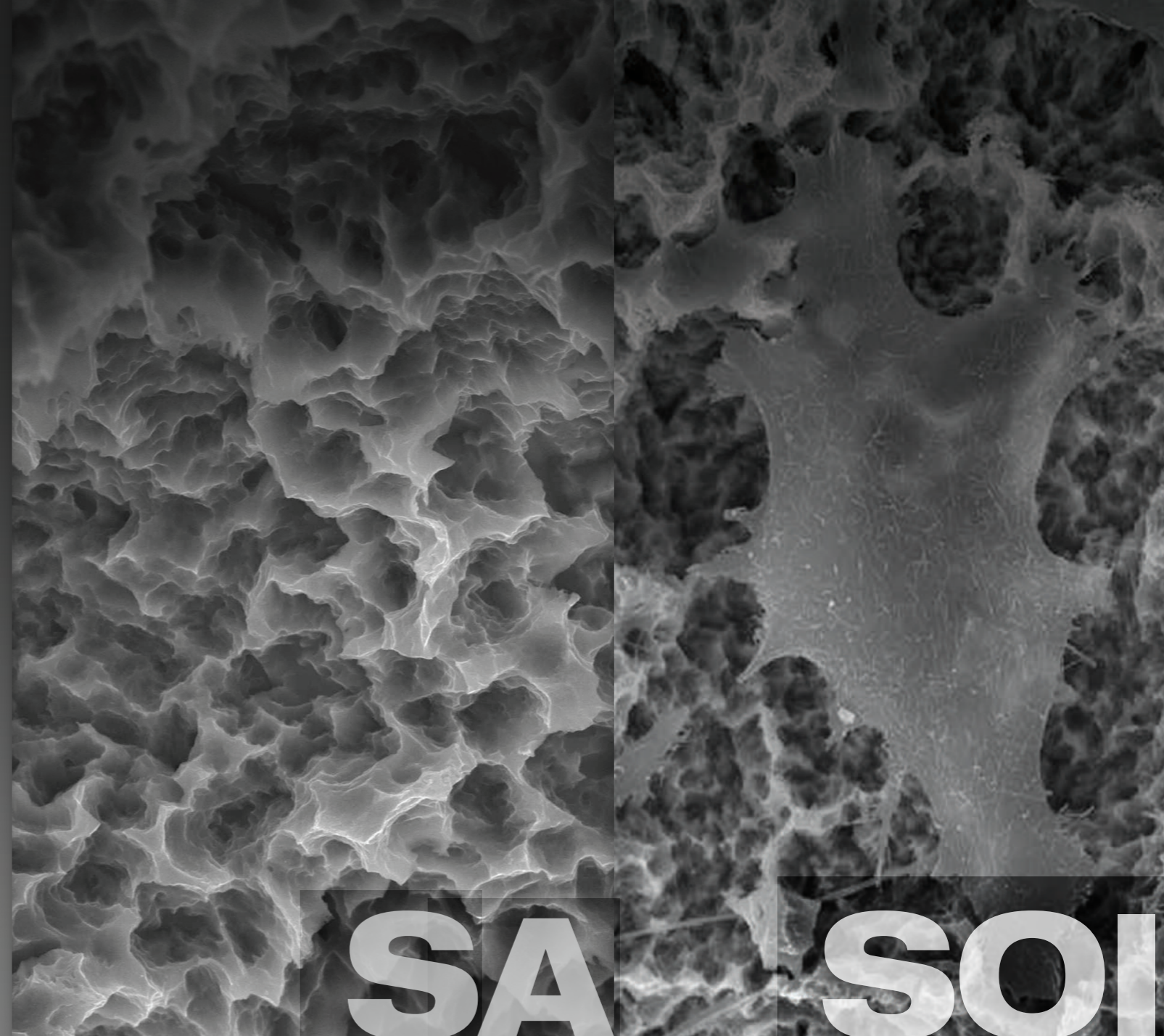
COMPONENTS

- 024** PROSTHETIC FLOW DIAGRAM 1
- 025** Rigid Abutment
- 030** Transfer Abutment
- 040** PROSTHETIC FLOW DIAGRAM 2
- 041** Angled / FreeForm ST Abutment
- 045** GoldCast / NP-Cast Abutment
- 048** PROSTHETIC FLOW DIAGRAM 3
- 049** Quick Temporary Abutment
- 051** Temporary Abutment
- 052** PROSTHETIC FLOW DIAGRAM 4
- 053** Multi Abutment
- 060** Multi Angled Abutment
- 062** PROSTHETIC FLOW DIAGRAM 5
- 063** Convertible Abutment
- 070** PROSTHETIC FLOW DIAGRAM 6
- 071** Port (Angled) Abutment
- 078** Locator[®] Abutment
- 082** Stud Abutment
- 084** OneSeal / TS Abutment Selector

TS Design & Surface Feature



TS



SA

SOI

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



TS packaging color information

Optimized surface morphology through acid-etching treatment

- Surface roughness: Ra 2.0-3.0 μ m (Note: the roughness in the upper 0.5mm part is Ra 0.5-0.6 μ m)
- 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

Next-generation surface with hemostatic effect and pH control feature

- Activation of blood clot formation
- Prevention of carbon adsorption in air
- The same surface roughness (Ra 2.0-3.0 μ 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
- Surface with the shortest duration of treatment

TSII SA Implant

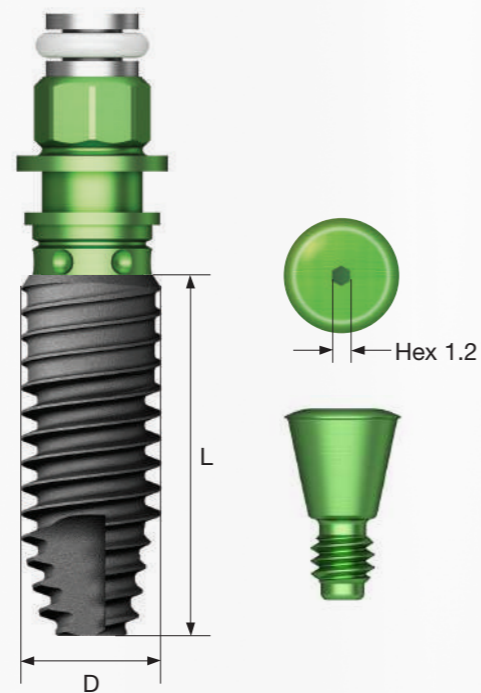
- Submerged type implant with an internal hex 11° tapered connection structure
- Optimal thread design for realization of optimal SA surface
- Straight body design for easy adjustment of placement depth
- Effect of improved initial stability in soft bone by using smaller threads in the upper section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

NoMount implant order code

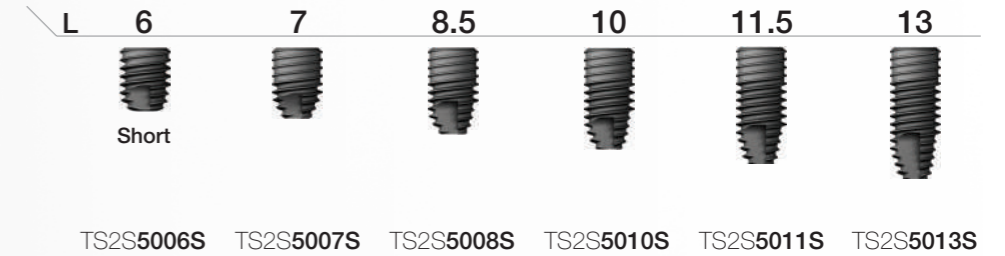
: implant product code (ex : TS2S4010S)

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

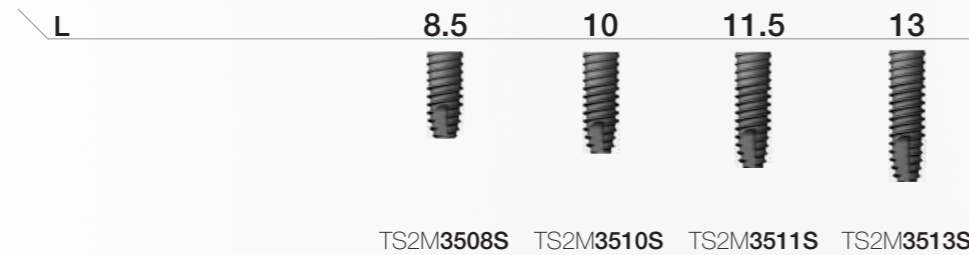
: **B** + implant product code (ex : **B**TS2S4010S)



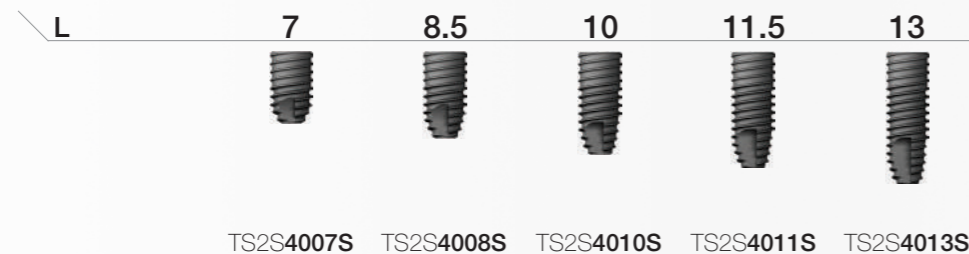
D Ø5.0
Hex 2.5



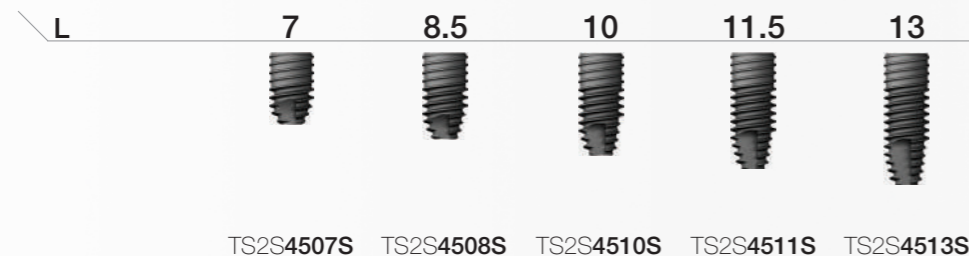
D Ø3.5
Hex 2.1



D Ø4.0
Hex 2.5



D Ø4.5
Hex 2.5



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

TSIII SA Implant

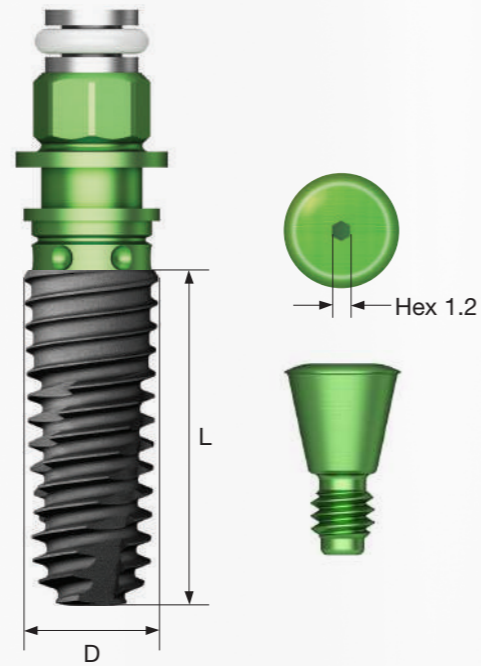
- Submerged type implant with an internal hex 11° tapered connection structure
- Optimal thread design for realization of optimal SA surface
- Tapered body design for excellent initial stability
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Superior 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: $\leq 40\text{Ncm}$
- ※ 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 : TS3S4010S)

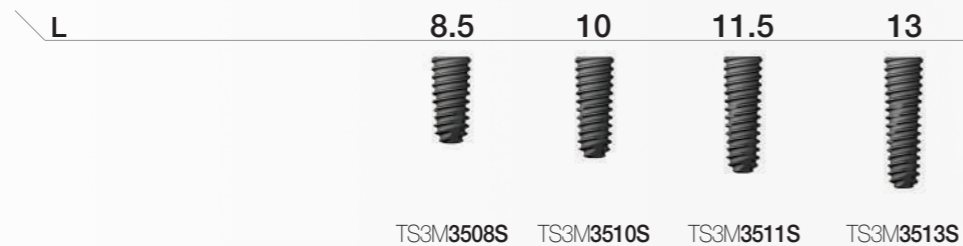
Pre-Mounted implant (implant + mount + cover screw) order code

: B + implant product code (ex : BTS3S4010S)

D Ø3.0
Hex 2.1
Narrow



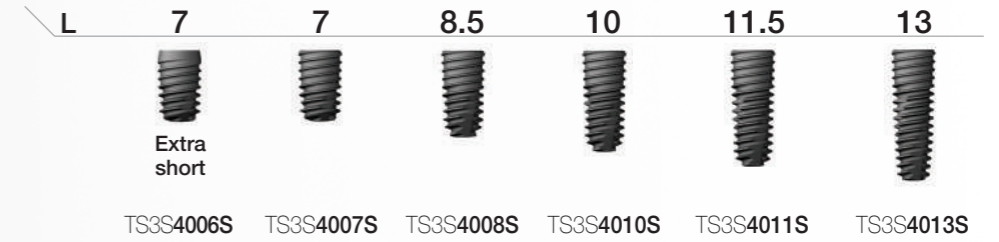
D Ø3.5
Hex 2.1



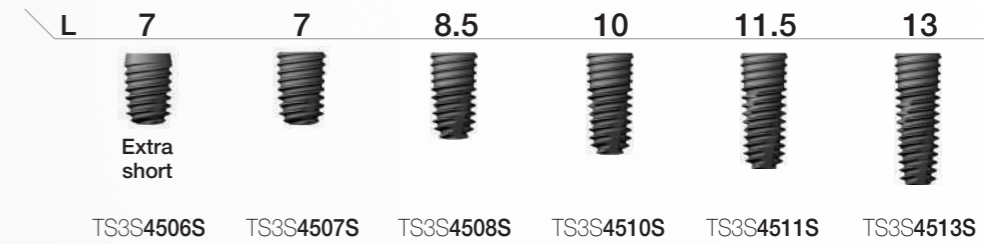
Nominal diameter may differ from the actual diameter of the product

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

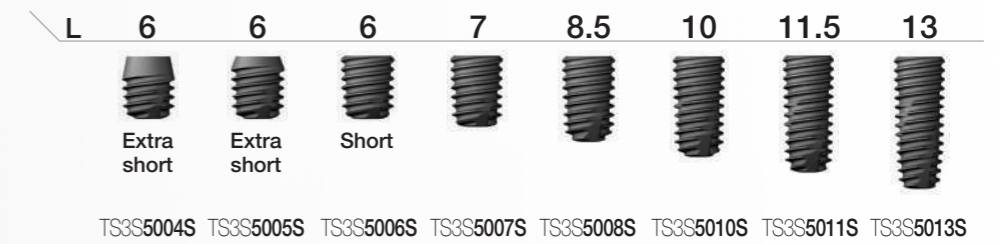
D Ø4.0
Hex 2.5



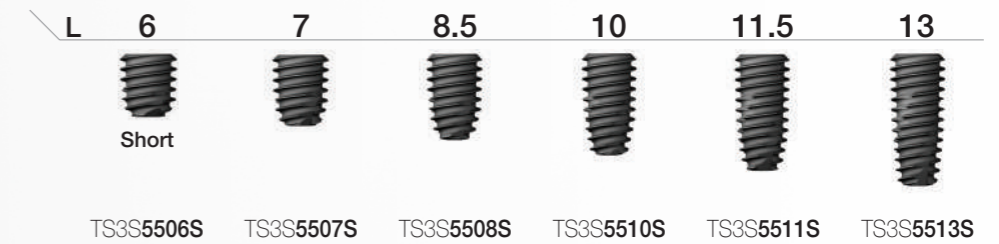
D Ø4.5
Hex 2.5



D Ø5.0
Hex 2.5

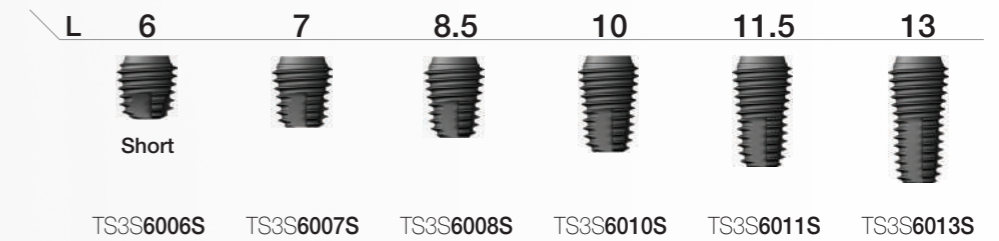


D Ø5.5
Hex 2.5

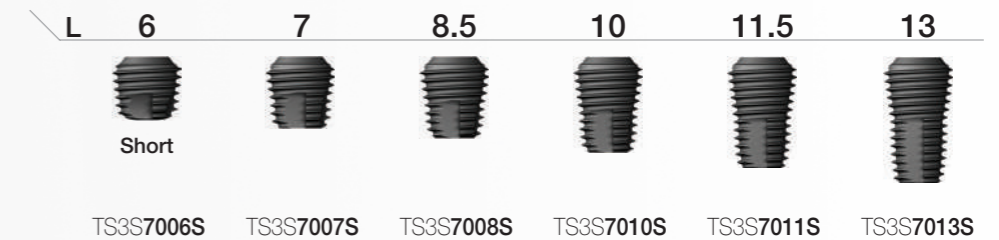


Ultra-Wide

D Ø6.0
Hex 2.5



D Ø7.0
Hex 2.5



TSIII SOI Implant

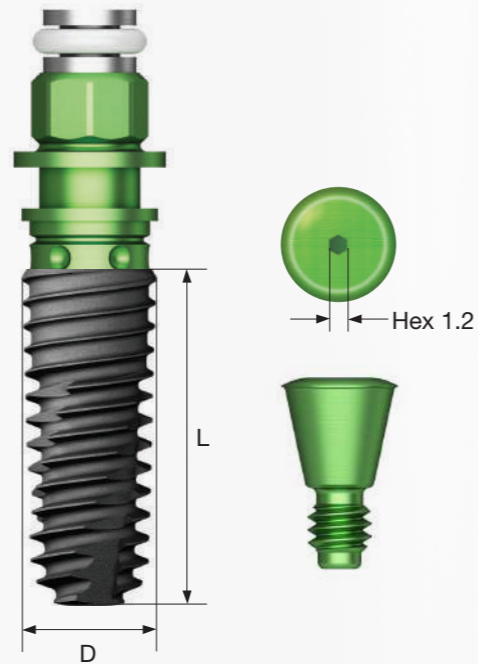
- Submerged type implant with an internal hex 11° tapered connection structure
- Super hydrophilic SA surface with superior blood wettability, coated with K substance (HEPES)
- Super hydrophilic surface inducing fast blood clot formation
- Tapered body design for excellent initial stability
- Effect 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: $\leq 40\text{Ncm}$
- ※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case



NoMount implant order code

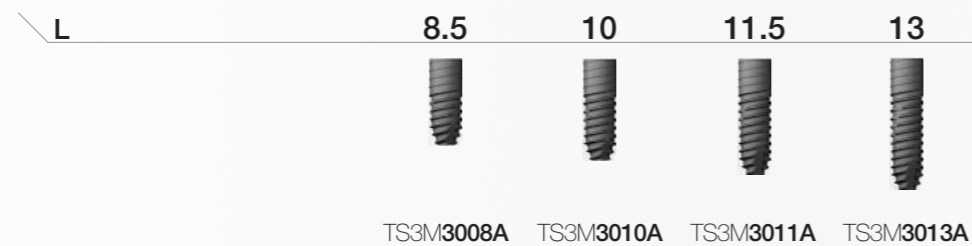
: implant product code (ex : TS3S4010A)

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

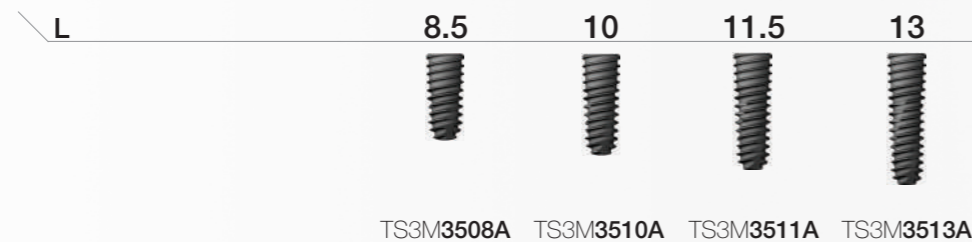
: B + implant product code (ex : BTS3S4010A)

2019.01

D Ø3.0
Hex 2.1
Narrow



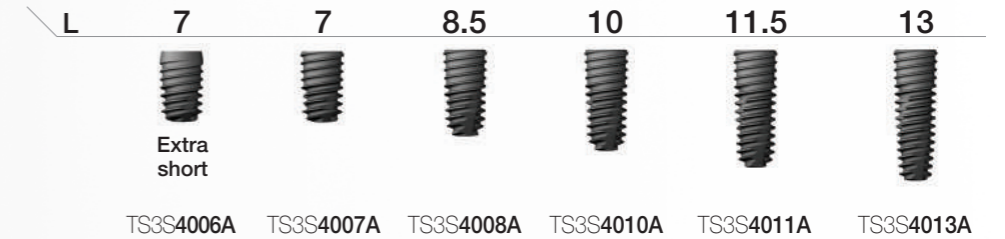
D Ø3.5
Hex 2.1



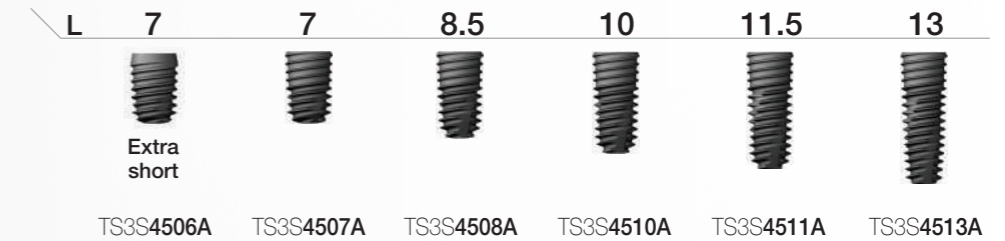
Nominal diameter may differ from the actual diameter of the product

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

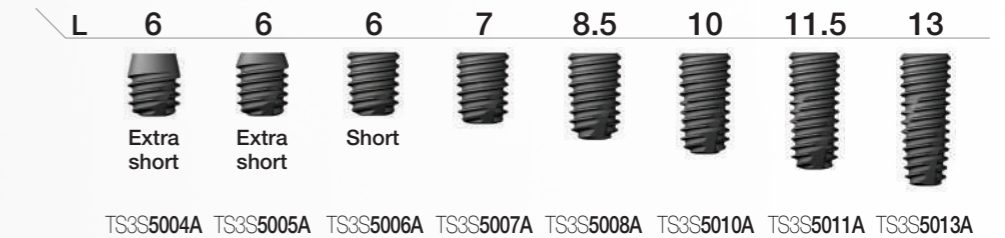
D Ø4.0
Hex 2.5



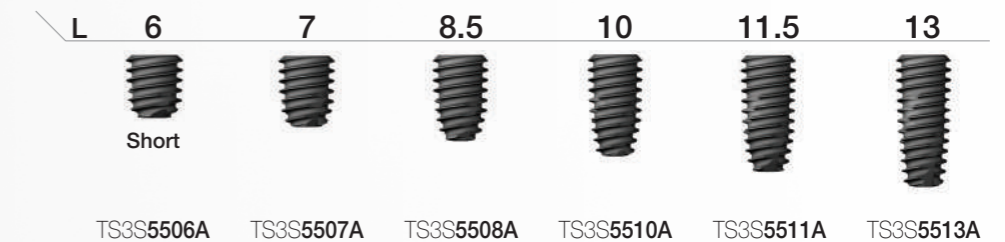
D Ø4.5
Hex 2.5



D Ø5.0
Hex 2.5

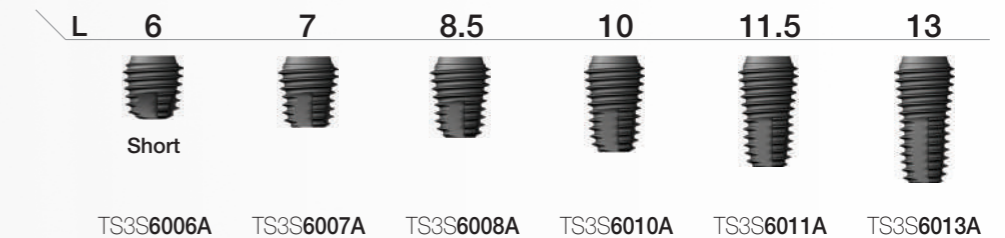


D Ø5.5
Hex 2.5



Ultra-Wide

D Ø6.0
Hex 2.5



D Ø7.0
Hex 2.5



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

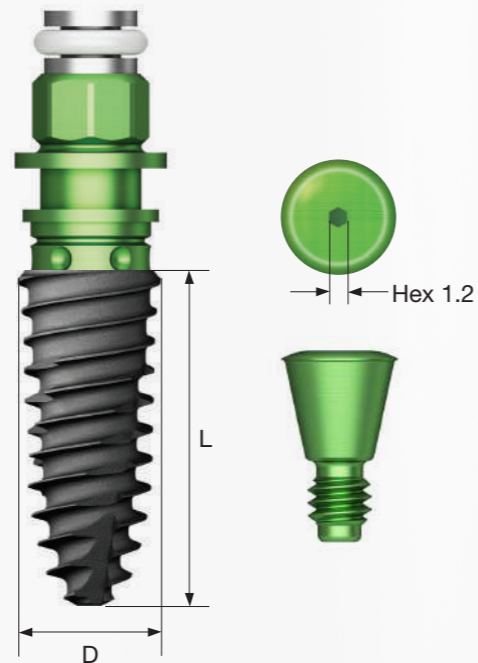
- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
- Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
- Recommended placement torque: ≤ 40Ncm
- ※ Implants with 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 : BTS4S4010S)



D Ø4.0 Pitch 0.8
Hex 2.5



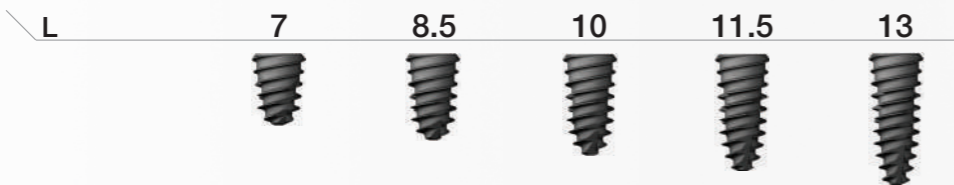
TS4S4007S TS4S4008S TS4S4010S TS4S4011S TS4S4013S

D Ø4.5 Pitch 1.0
Hex 2.5



TS4S4507S TS4S4508S TS4S4510S TS4S4511S TS4S4513S

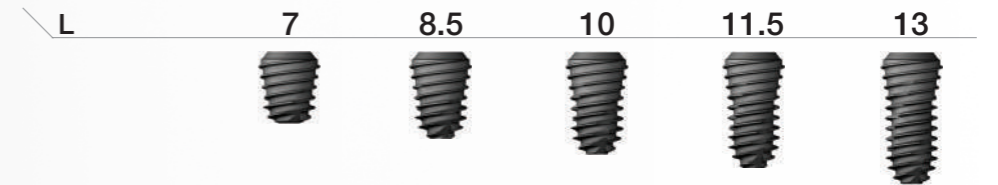
D Ø5.0 Pitch 1.2
Hex 2.5



TS4S5007S TS4S5008S TS4S5010S TS4S5011S TS4S5013S

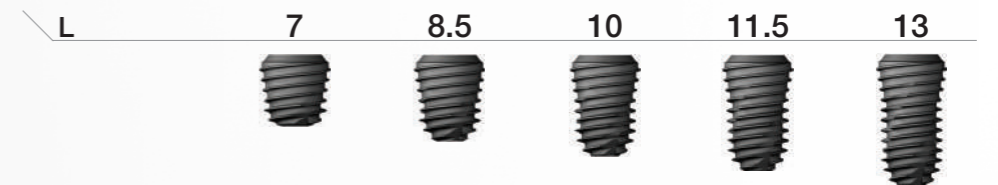
Ultra-wide

D Ø6.0
Hex 2.5



TS4S6007S TS4S6008S TS4S6010S TS4S6011S TS4S6013S

D Ø7.0
Hex 2.5



TS4S7007S TS4S7008S TS4S7010S TS4S7011S TS4S7013S

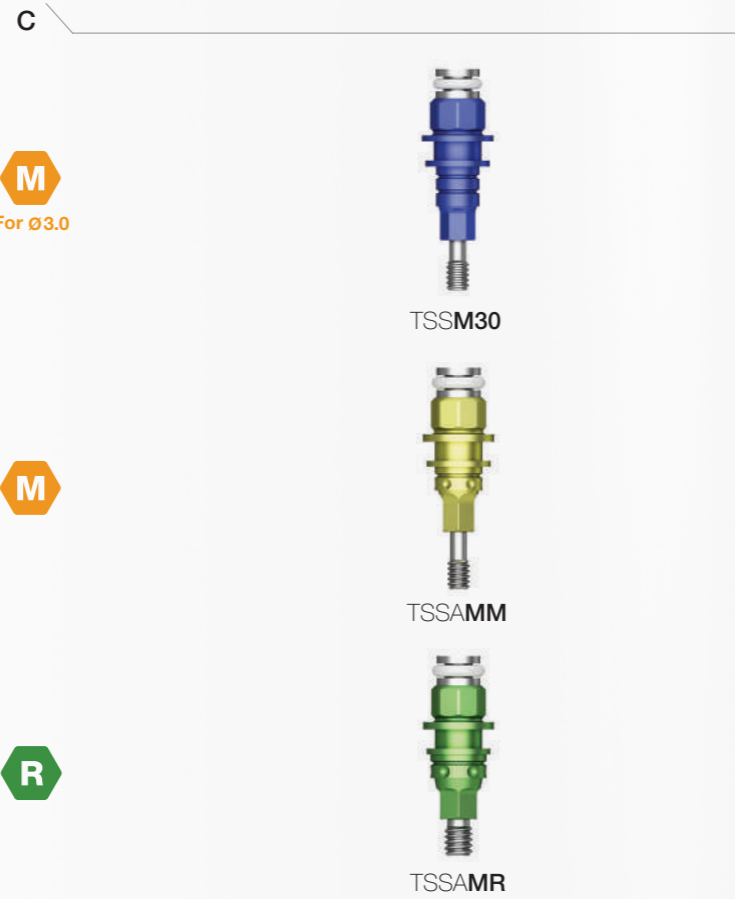
Nominal diameter may differ from the actual diameter of the product

Mount & Screw

Simple Mount

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

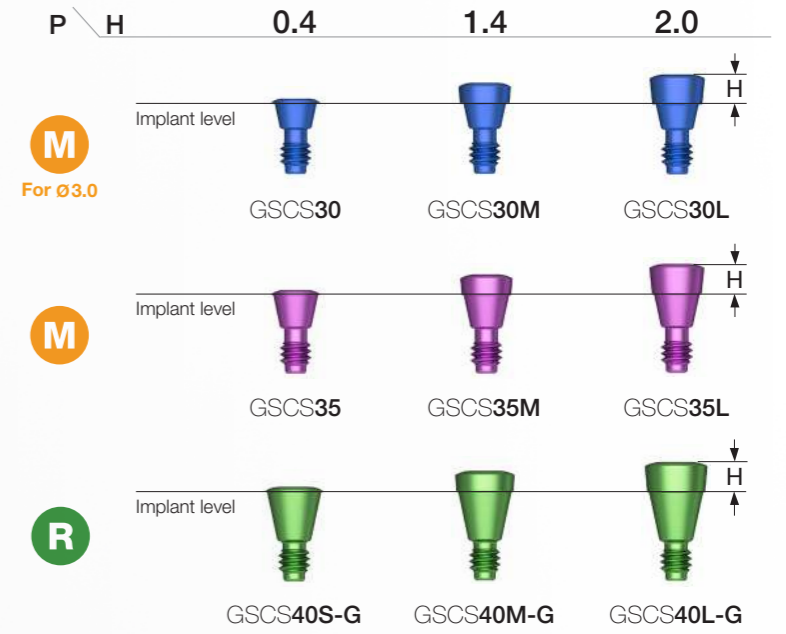
- M** Mini
- R** Regular



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

- M** Mini
- R** Regular



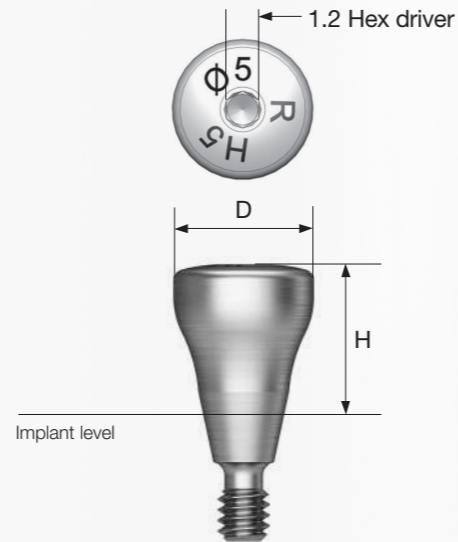
Healing Abutment

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

M Mini
R Regular

Matching table

Healing abutment	H	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	Type	Short	Short	Long	Long



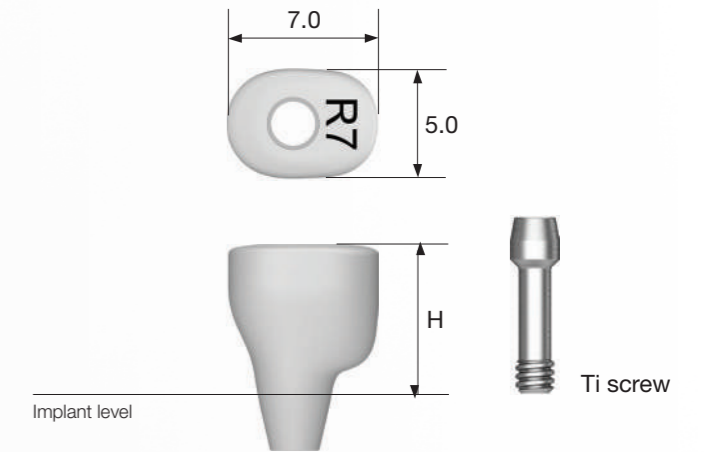
D \ H	3.0	4.0	5.0	6.0	7.0	9.0
Ø4.0	TSHA403M	TSHA404M	TSHA405M	TSHA406M	TSHA407M	TSHA409M
Ø4.5	TSHA453M	TSHA454M	TSHA455M	TSHA456M	TSHA457M	TSHA459M
D \ H	3.0	4.0	5.0	6.0	7.0	9.0
Ø4.0	TSHA403R	TSHA404R	TSHA405R	TSHA406R	TSHA407R	TSHA409R
Ø4.5	TSHA453R	TSHA454R	TSHA455R	TSHA456R	TSHA457R	TSHA459R
Ø5.0	TSHA503R	TSHA504R	TSHA505R	TSHA506R	TSHA507R	TSHA509R
Ø6.0	TSHA603R	TSHA604R	TSHA605R	TSHA606R	TSHA607R	TSHA609R
Ø7.0	TSHA703R	TSHA704R	TSHA705R	TSHA706R	TSHA707R	TSHA709R
Ø8.0	-	-	TSHA805R	-	-	-

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 : TSCHAPR7**TH**)

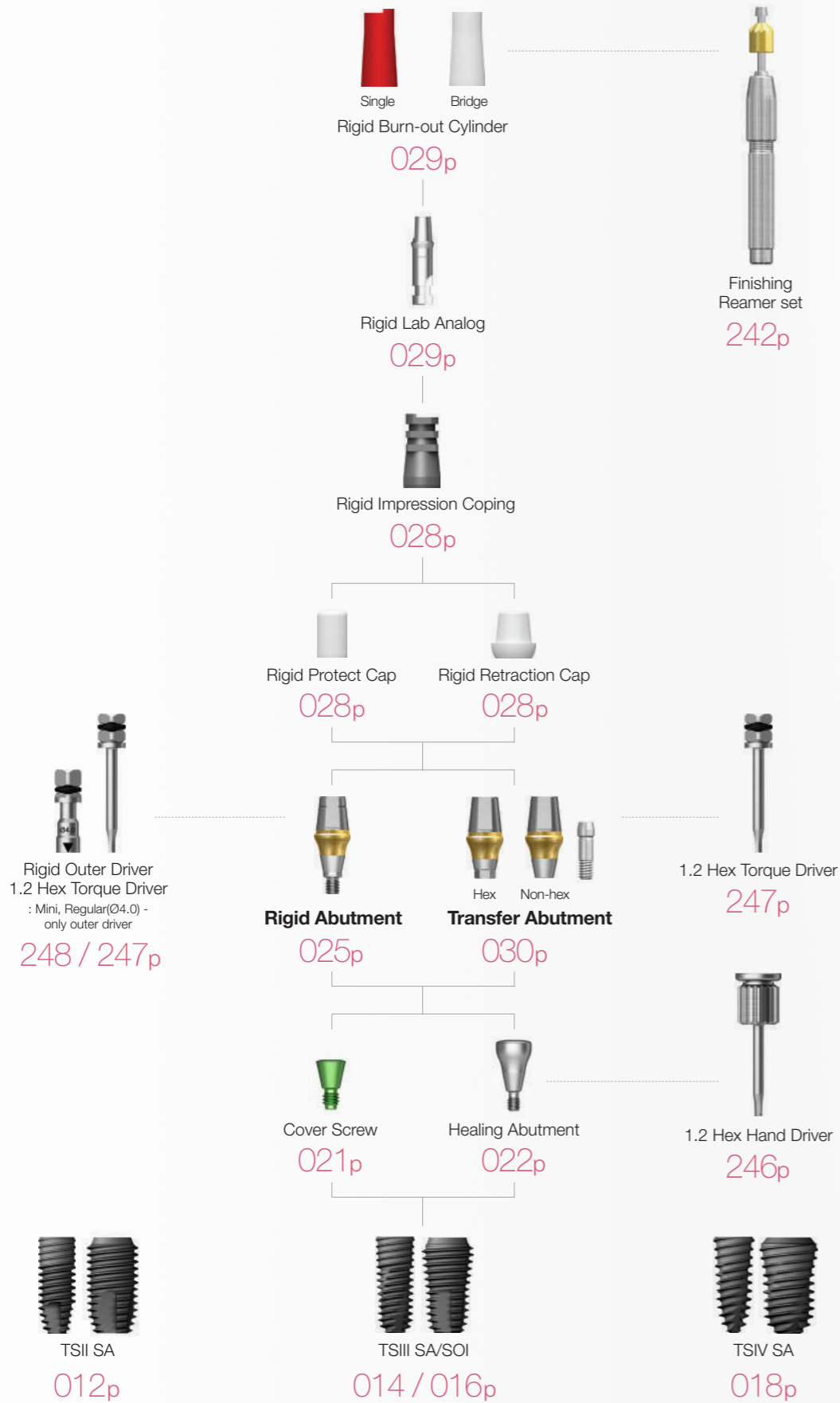
M Mini
R Regular



P \ H	5.0	7.0	9.0
M Ti screw : GSCHABSMT	TSCHAPM5	TSCHAPM7	TSCHAPM9
R Ti screw : GSCHABSST	TSCHAPR5	TSCHAPR7	TSCHAPR9

Rigid / Transfer

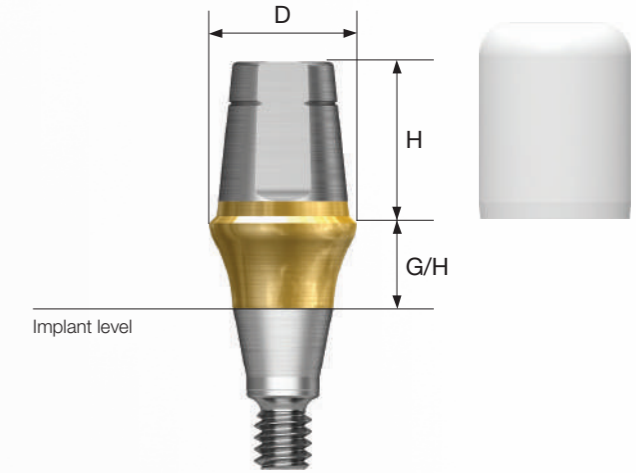
Abutment Level Impression



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 + **P** (ex : GSRA5620**P**)



D Ø4.0

M

H \ G/H	1.0	2.0	3.0	4.0	5.0
4.0	GSRA4410	GSRA4420	GSRA4430	GSRA4440	GSRA4450
5.5	GSRA4610	GSRA4620	GSRA4630	GSRA4640	GSRA4650
7.0	GSRA4710	GSRA4720	GSRA4730	GSRA4740	GSRA4750

D Ø4.5






M

H \ G/H	1.0	2.0	3.0	4.0	5.0
4.0	GSRA4411	GSRA4421	GSRA4431	GSRA4441	GSRA4451
5.5	GSRA4611	GSRA4621	GSRA4631	GSRA4641	GSRA4651
7.0	GSRA4711	GSRA4721	GSRA4731	GSRA4741	GSRA4751

Rigid Abutment






D Ø4.0

R

H \ G/H	1.0	2.0	3.0	4.0	5.0
					
4.0	GSRAS4410	GSRAS4420	GSRAS4430	GSRAS4440	GSRAS4450
5.5	GSRAS4610	GSRAS4620	GSRAS4630	GSRAS4640	GSRAS4650
7.0	GSRAS4710	GSRAS4720	GSRAS4730	GSRAS4740	GSRAS4750

D Ø4.5

R

H \ G/H	1.0	2.0	3.0	4.0	5.0
					
4.0	GSRAS4411	GSRAS4421	GSRAS4431	GSRAS4441	GSRAS4451
5.5	GSRAS4611	GSRAS4621	GSRAS4631	GSRAS4641	GSRAS4651
7.0	GSRAS4711	GSRAS4721	GSRAS4731	GSRAS4741	GSRAS4751






D Ø5.0

R

H \ G/H	1.0	2.0	3.0	4.0	5.0
					
4.0	GSRA5410	GSRA5420	GSRA5430	GSRA5440	GSRA5450
5.5	GSRA5610	GSRA5620	GSRA5630	GSRA5640	GSRA5650
7.0	GSRA5710	GSRA5720	GSRA5730	GSRA5740	GSRA5750

D Ø6.0

R

H \ G/H	1.0	2.0	3.0	4.0	5.0
					
4.0	GSRA6410	GSRA6420	GSRA6430	GSRA6440	GSRA6450
5.5	GSRA6610	GSRA6620	GSRA6630	GSRA6640	GSRA6650
7.0	GSRA6710	GSRA6720	GSRA6730	GSRA6740	GSRA6750

D Ø7.0

R




H \ G/H	1.0	2.0	3.0	4.0	5.0
					
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)

- M** Mini
- R** Regular

D \ H	4.0	5.5	7.0
Ø 4.0 / Ø 4.0	 GSRPC440	 GSRPC460	 GSRPC470
Ø 4.5 / Ø 4.5	GSRPC441	GSRPC461	GSRPC471
Ø 5.0	GSRPC540	GSRPC560	GSRPC570
Ø 6.0	GSRPC640	GSRPC660	GSRPC670
Ø 7.0	-	GSRPC760	-

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




- M** Mini
- R** Regular

D \ Type	Single	Bridge
Ø 4.0 / Ø 4.0	 GSRP400S	 GSRP400B
Ø 4.5 / Ø 4.5	GSRP450S	GSRP450B
Ø 5.0	GSRP500S	GSRP500B
Ø 6.0	GSRP600S	GSRP600B
Ø 7.0	GSRP700S	GSRP700B

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)




- M** Mini
- R** Regular

D \ H	4.0	5.5	7.0
Ø 4.0 / Ø 4.0	 GSRRC440	 GSRRC460	 GSRRC470
Ø 4.5 / Ø 4.5	GSRRC441	GSRRC461	GSRRC471
Ø 5.0	GSRRC540	GSRRC560	GSRRC570
Ø 6.0	GSRRC640	GSRRC660	GSRRC670
Ø 7.0	-	GSRRC760	-

Rigid Lab Analog

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




- M** Mini
- R** Regular

D \ H	4.0	5.5	7.0
Ø 4.0 / Ø 4.0	 GSRLA440	 GSRLA460	 GSRLA470
Ø 4.5 / Ø 4.5	GSRLA441	GSRLA461	GSRLA471
Ø 5.0	GSRLA540	GSRLA560	GSRLA570
Ø 6.0	GSRLA640	GSRLA660	GSRLA670
Ø 7.0	-	GSRLA760	-

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)

- M** Mini
- R** Regular

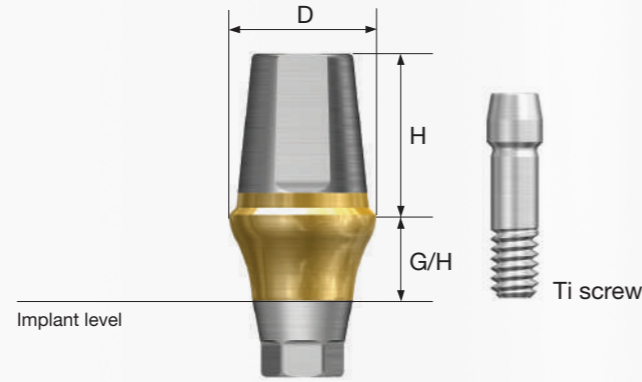
D \ H	4.0	5.5	7.0
Ø 4.0 / Ø 4.0	 GSRIC440S	 GSRIC460S	 GSRIC470S
Ø 4.5 / Ø 4.5	GSRIC441S	GSRIC461S	GSRIC471S
Ø 5.0	GSRIC540S	GSRIC560S	GSRIC570S
Ø 6.0	GSRIC640S	GSRIC660S	GSRIC670S
Ø 7.0	-	GSRIC760S	-

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 : GSTA4621**TH**)



D Ø4.0



Ti screw : GSABSMT

Abutment level impression not available

		H \ G/H	1.0	2.0	3.0	4.0
Hex	5.5					
	7.0					
Non-Hex	5.5					
	7.0					

		H \ G/H	5.0	6.0	7.0
Hex	5.5				
	7.0				
Non-Hex	5.5				
	7.0				

D Ø4.5



Ti screw : GSABSMT

		H \ G/H	1.0	2.0	3.0	4.0
Hex	5.5					
	7.0					
Non-Hex	5.5					
	7.0					

		H \ G/H	5.0	6.0	7.0
Hex	5.5				
	7.0				
Non-Hex	5.5				
	7.0				

D Ø4.5



Ti screw : GSABSMT

		H \ G/H	1.0	2.0	3.0	4.0
Hex	5.5					
	7.0					
Non-Hex	5.5					
	7.0					





		H \ G/H	5.0	6.0	7.0
Hex	5.5				
	7.0				
Non-Hex	5.5				
	7.0				




Transfer Abutment

D Ø5.0



Ti screw
: GSABSMT





		H \ G/H	1.0	2.0	3.0	4.0
						
Hex	4.0		GSTA5410	GSTA5420	GSTA5430	GSTA5440
	5.5		GSTA5610	GSTA5620	GSTA5630	GSTA5640
	7.0		GSTA5710	GSTA5720	GSTA5730	GSTA5740
Non-Hex	4.0		GSTA5410N	GSTA5420N	GSTA5430N	GSTA5440N
	5.5		GSTA5610N	GSTA5620N	GSTA5630N	GSTA5640N
	7.0		GSTA5710N	GSTA5720N	GSTA5730N	GSTA5740N

		H \ G/H	5.0	6.0	7.0
					
Hex	4.0		GSTA5450	GSTA5460	GSTA5470
	5.5		GSTA5650	GSTA5660	GSTA5670
	7.0		GSTA5750	GSTA5760	GSTA5770
Non-Hex	4.0		GSTA5450N	GSTA5460N	GSTA5470N
	5.5		GSTA5650N	GSTA5660N	GSTA5670N
	7.0		GSTA5750N	GSTA5760N	GSTA5770N

D Ø6.0






Ti screw
: GSABSMT

		H \ G/H	1.0	2.0	3.0	4.0
						
Hex	4.0		GSTA6410	GSTA6420	GSTA6430	GSTA6440
	5.5		GSTA6610	GSTA6620	GSTA6630	GSTA6640
	7.0		GSTA6710	GSTA6720	GSTA6730	GSTA6740
Non-Hex	4.0		GSTA6410N	GSTA6420N	GSTA6430N	GSTA6440N
	5.5		GSTA6610N	GSTA6620N	GSTA6630N	GSTA6640N
	7.0		GSTA6710N	GSTA6720N	GSTA6730N	GSTA6740N

D Ø6.0







Ti screw
: GSABSMT




		H \ G/H	5.0	6.0	7.0
					
Hex	4.0		GSTA6450	GSTA6460	GSTA6470
	5.5		GSTA6650	GSTA6660	GSTA6670
	7.0		GSTA6750	GSTA6760	GSTA6770
Non-Hex	4.0		GSTA6450N	GSTA6460N	GSTA6470N
	5.5		GSTA6650N	GSTA6660N	GSTA6670N
	7.0		GSTA6750N	GSTA6760N	GSTA6770N

D Ø7.0



Ti screw
: GSABSMT

		H \ G/H	1.0	2.0	3.0	4.0
						
Hex	4.0		GSTA7410	GSTA7420	GSTA7430	GSTA7440
	5.5		GSTA7610	GSTA7620	GSTA7630	GSTA7640
	7.0		GSTA7710	GSTA7720	GSTA7730	GSTA7740
Non-Hex	4.0		GSTA7410N	GSTA7420N	GSTA7430N	GSTA7440N
	5.5		GSTA7610N	GSTA7620N	GSTA7630N	GSTA7640N
	7.0		GSTA7710N	GSTA7720N	GSTA7730N	GSTA7740N

		H \ G/H	5.0	6.0	7.0
					
Hex	4.0		GSTA7450	GSTA7460	GSTA7470
	5.5		GSTA7650	GSTA7660	GSTA7670
	7.0		GSTA7750	GSTA7760	GSTA7770
Non-Hex	4.0		GSTA7450N	GSTA7460N	GSTA7470N
	5.5		GSTA7650N	GSTA7660N	GSTA7670N
	7.0		GSTA7750N	GSTA7760N	GSTA7770N

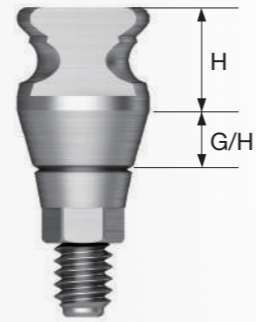
Transfer Abutment Components

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

M Mini (Yellow)

R Regular (Green)



Hex Screw Type

D \ H	G/H	2.0	3.0	4.0	5.0	6.0
Ø 4.0	4.0	GSBICM4420H	GSBICM4430H	GSBICM4440H	GSBICM4450H	GSBICM4460H
	5.0	GSBICM4520H	GSBICM4530H	GSBICM4540H	GSBICM4550H	GSBICM4560H
	6.0	GSBICM4620H	GSBICM4630H	GSBICM4640H	GSBICM4650H	GSBICM4660H
Ø 4.5	4.0	GSBICM4421H	GSBICM4431H	GSBICM4441H	GSBICM4451H	GSBICM4461H
	5.0	GSBICM4521H	GSBICM4531H	GSBICM4541H	GSBICM4551H	GSBICM4561H
	6.0	GSBICM4621H	GSBICM4631H	GSBICM4641H	GSBICM4651H	GSBICM4661H
Ø 4.5	4.0	GSBICR4421H	GSBICR4431H	GSBICR4441H	GSBICR4451H	GSBICR4461H
	5.0	GSBICR4521H	GSBICR4531H	GSBICR4541H	GSBICR4551H	GSBICR4561H
	6.0	GSBICR4621H	GSBICR4631H	GSBICR4641H	GSBICR4651H	GSBICR4661H
Ø 5.0	4.0	GSBICR5420H	GSBICR5430H	GSBICR5440H	GSBICR5450H	GSBICR5460H
	5.0	GSBICR5520H	GSBICR5530H	GSBICR5540H	GSBICR5550H	GSBICR5560H
	6.0	GSBICR5620H	GSBICR5630H	GSBICR5640H	GSBICR5650H	GSBICR5660H

Bite Impression Coping Driver

Hex Screw Type

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

M Mini (Yellow)

R Regular (Green)



Bite Index

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

M Mini

R Regular

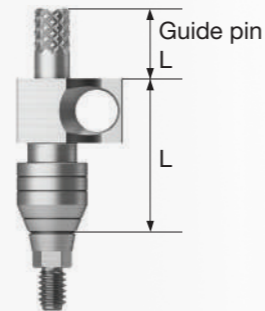
D \ L	4.0	6.0	8.0	10.0	12.0
Ø 4.5	GSBIM4504S	GSBIM4506S	GSBIM4508S	GSBIM4510S	GSBIM4512S
Ø 5.5	GSBIS5504S	GSBIS5506S	GSBIS5508S	GSBIS5510S	GSBIS5512S

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(*)

M Mini (Yellow)
R Regular (Green)



D \ L	11		Guide Pin			
	Type	Hex	Non-Hex	0	5.0	9.0
Ø 4.0		GSPIM4011	GSPIM4011N	GSPGPM100	GSPGPM150*	GSPGPM150L
Ø 4.5		GSPIM4511	GSPIM4511N			
Ø 4.0		GSPIS4011	GSPIS4011N			
Ø 4.5		GSPIS4511	GSPIS4511N			
Ø 5.0		GSPIS5011	GSPIS5011N	GSPGPR100	GSPGPR150*	GSPGPR150L
Ø 6.0		GSPIS6011	GSPIS6011N			
Ø 7.0		GSPIS7011	GSPIS7011N			

D \ L	15		Guide Pin			
	Type	Hex	Non-Hex	0	5.0	9.0
Ø 4.0		GSPIM4015	GSPIM4015N	GSPGPM100L	GSPGPM150L*	GSPGPM200L
Ø 4.5		GSPIM4515	GSPIM4515N			
Ø 4.0		GSPIS4015	GSPIS4015N			
Ø 4.5		GSPIS4515	GSPIS4515N			
Ø 5.0		GSPIS5015	GSPIS5015N	GSPGPR100L	GSPGPR150L*	GSPGPR200L
Ø 6.0		GSPIS6015	GSPIS6015N			
Ø 7.0		GSPIS7015	GSPIS7015N			

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

M Mini (Yellow)
R Regular (Green)



D \ L	11		14		
	Type	Hex	Non-Hex	Hex	Non-Hex
Ø 4.0		GSTIM4011	GSTIM4011N	GSTIM4014	GSTIM4014N
Ø 4.5		GSTIM4511	GSTIM4511N	GSTIM4514	GSTIM4514N
Ø 4.0		GSTIS4011	GSTIS4011N	GSTIS4014	GSTIS4014N
Ø 4.5		GSTIS4511	GSTIS4511N	GSTIS4514	GSTIS4514N
Ø 5.0		GSTIS5011	GSTIS5011N	GSTIS5014	GSTIS5014N
Ø 6.0		GSTIS6011	GSTIS6011N	GSTIS6014	GSTIS6014N
Ø 7.0		GSTIS7011	GSTIS7011N	GSTIS7014	GSTIS7014N

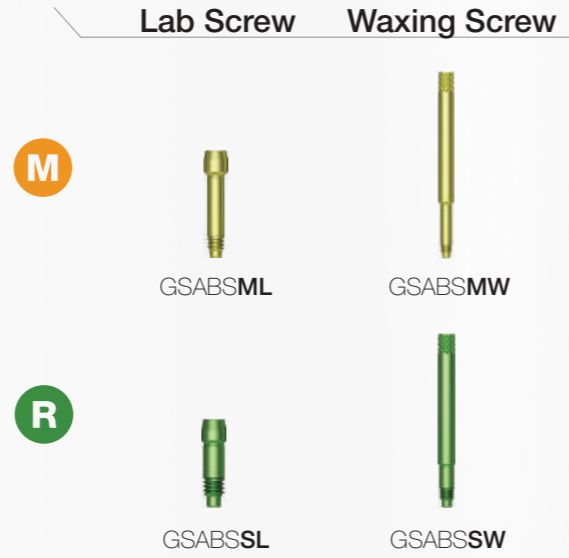
Transfer Abutment Components

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

M Mini

R Regular



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

M Mini

R Regular



OSSTEM[®]
IMPLANT

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

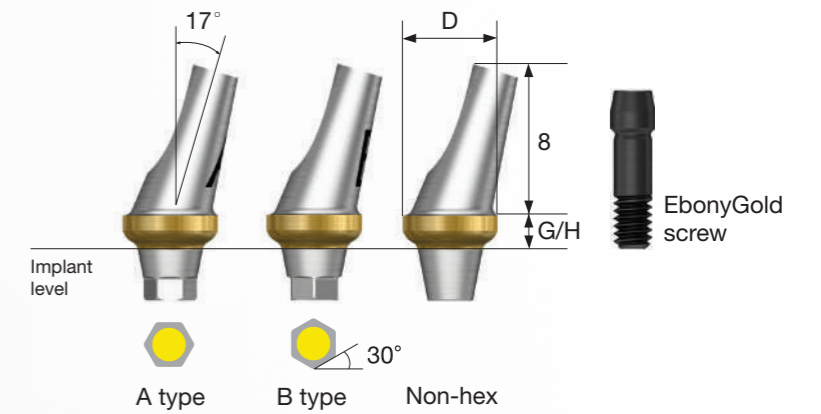
Implant Level Impression



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)



D Ø4.0



EbonyGold screw
: GSABSM

G/H Type	2.0			4.0		
	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	GSAA4020MA	GSAA4020MB	GSAA4020MN	GSAA4040MA	GSAA4040MB	GSAA4040MN

D Ø4.5



EbonyGold screw
: GSABSM

G/H Type	2.0			4.0		
	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	GSAA4520MA	GSAA4520MB	GSAA4520MN	GSAA4540MA	GSAA4540MB	GSAA4540MN

Angled Abutment

D Ø4.5



EbonyGold screw
: GSABSS

G/H Type	2.0			4.0		
	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	GSAA4520A	GSAA4520B	GSAA4520N	GSAA4540A	GSAA4540B	GSAA4540N

D Ø5.0



EbonyGold screw
: GSABSS

G/H Type	2.0			4.0		
	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	GSAA5020A	GSAA5020B	GSAA5020N	GSAA5040A	GSAA5040B	GSAA5040N

D Ø6.0



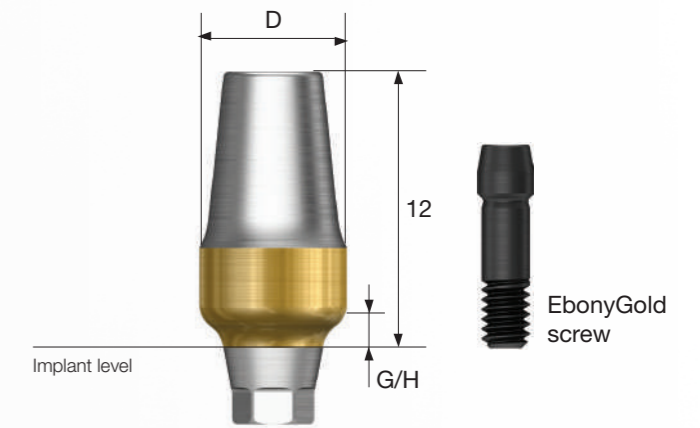
EbonyGold screw
: GSABSS

G/H Type	2.0			4.0		
	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
	GSAA6020A	GSAA6020B	GSAA6020N	GSAA6040A	GSAA6040B	GSAA6040N

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 : GSFA5015**WH**)



D Ø4.0



EbonyGold screw
: GSABSM

G/H Type	1.5		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	GSFAM4015	GSFAM4015N	GSFAM4030	GSFAM4030N

D Ø4.0



EbonyGold screw
: GSABSS

G/H Type	1.5		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	GSFA4015	GSFA4015N	GSFA4030	GSFA4030N

FreeForm ST Abutment

D Ø5.0 (Straight)



EbonyGold screw
: GSABSS

G/H Type	1.5		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	GSFAS5015	GSFAS5015N	GSFAS5030	GSFAS5030N

D Ø5.0



EbonyGold screw
: GSABSS

G/H Type	1.5		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	GSFA5015	GSFA5015N	GSFA5030	GSFA5030N

D Ø6.0



EbonyGold screw
: GSABSS

G/H Type	1.5		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	GSFA6015	GSFA6015N	GSFA6030	GSFA6030N

D Ø7.0



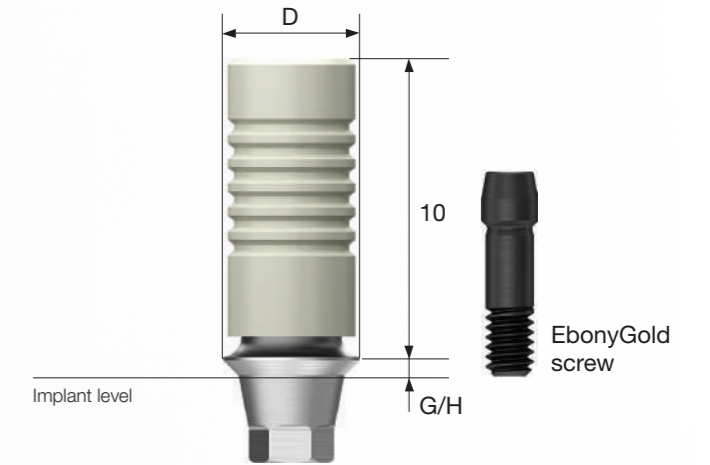
EbonyGold screw
: GSABSS

G/H Type	1.5		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	GSFA7015	GSFA7015N	GSFA7030	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)



D Ø4.0



EbonyGold screw
: GSABSM

G/H Type	1.0		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	GSGA4010S	GSGA4010B	GSGA4030S	GSGA4030B

D Ø4.5



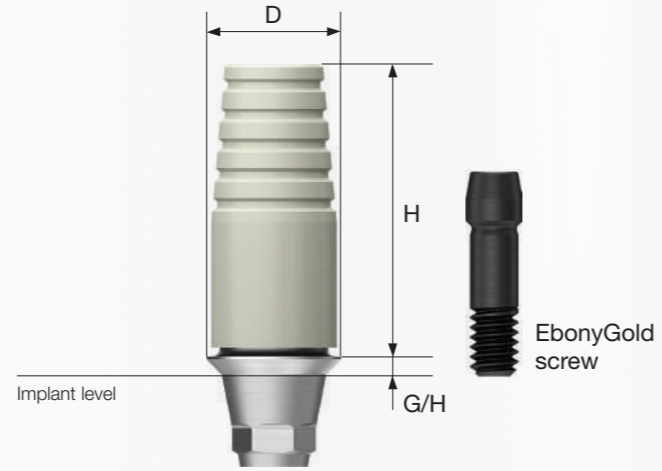
EbonyGold screw
: GSABSS

G/H Type	1.0		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	GSGA4510S	GSGA4510B	GSGA4530S	GSGA4530B

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°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 : GSNA4510SWH)



D Ø4.0



EbonyGold screw
: GSABSM

G/H Type	1.0		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	GSNA4010S	GSNA4010B	GSNA4030S	GSNA4030B

D Ø4.5



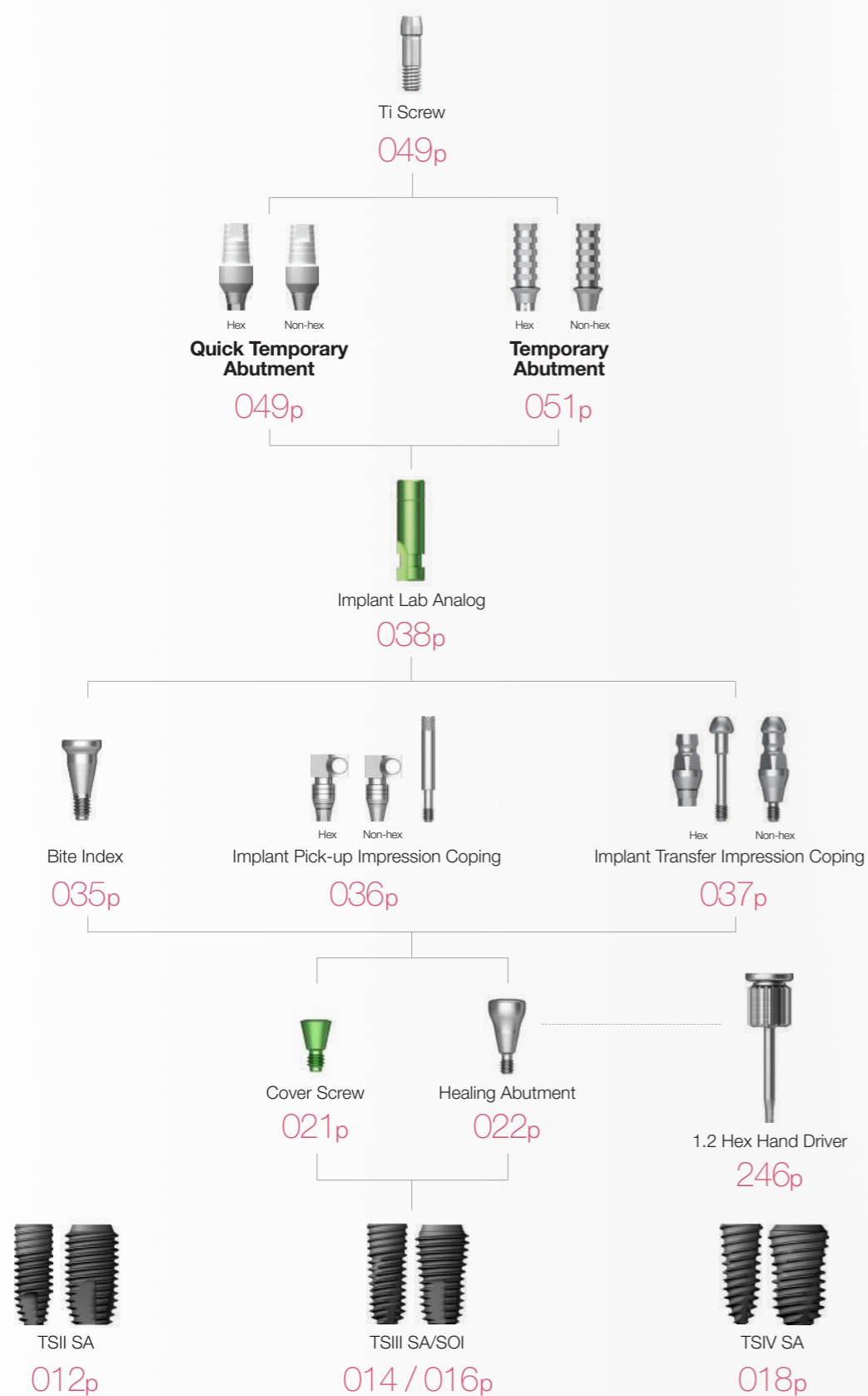
EbonyGold screw
: GSABSS

G/H Type	1.0		3.0	
	Hex	Non-Hex	Hex	Non-Hex
	GSNA4510S	GSNA4510B	GSNA4530S	GSNA4530B



Temporary / Quick Temporary

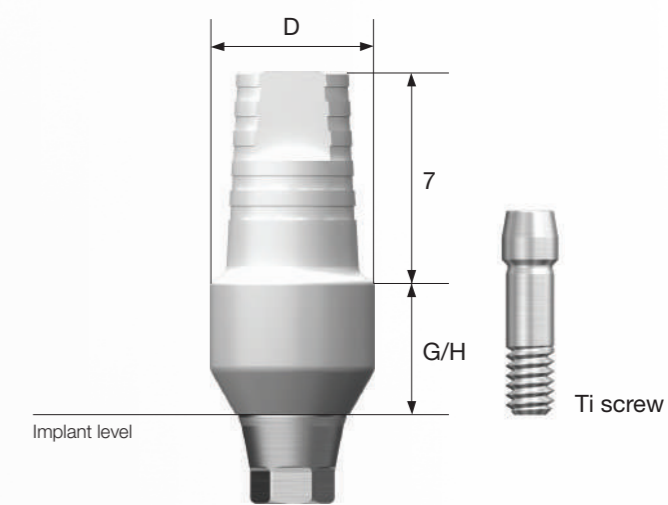
Implant Level Impression



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
D Ø4.0
M
Ti screw : GSABSM T



D Ø4.5
M
Ti screw : GSABSM T



Quick Temporary Abutment

D Ø4.5



Ti screw
: GSABSST



D Ø5.5

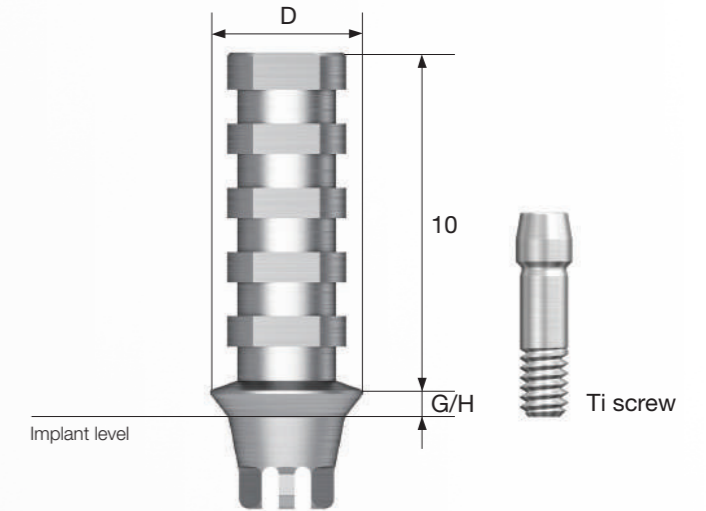


Ti screw
: GSABSST

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 : GSTTA4510**TH**)



D Ø4.0



Ti screw
: GSABSMT



D Ø4.5

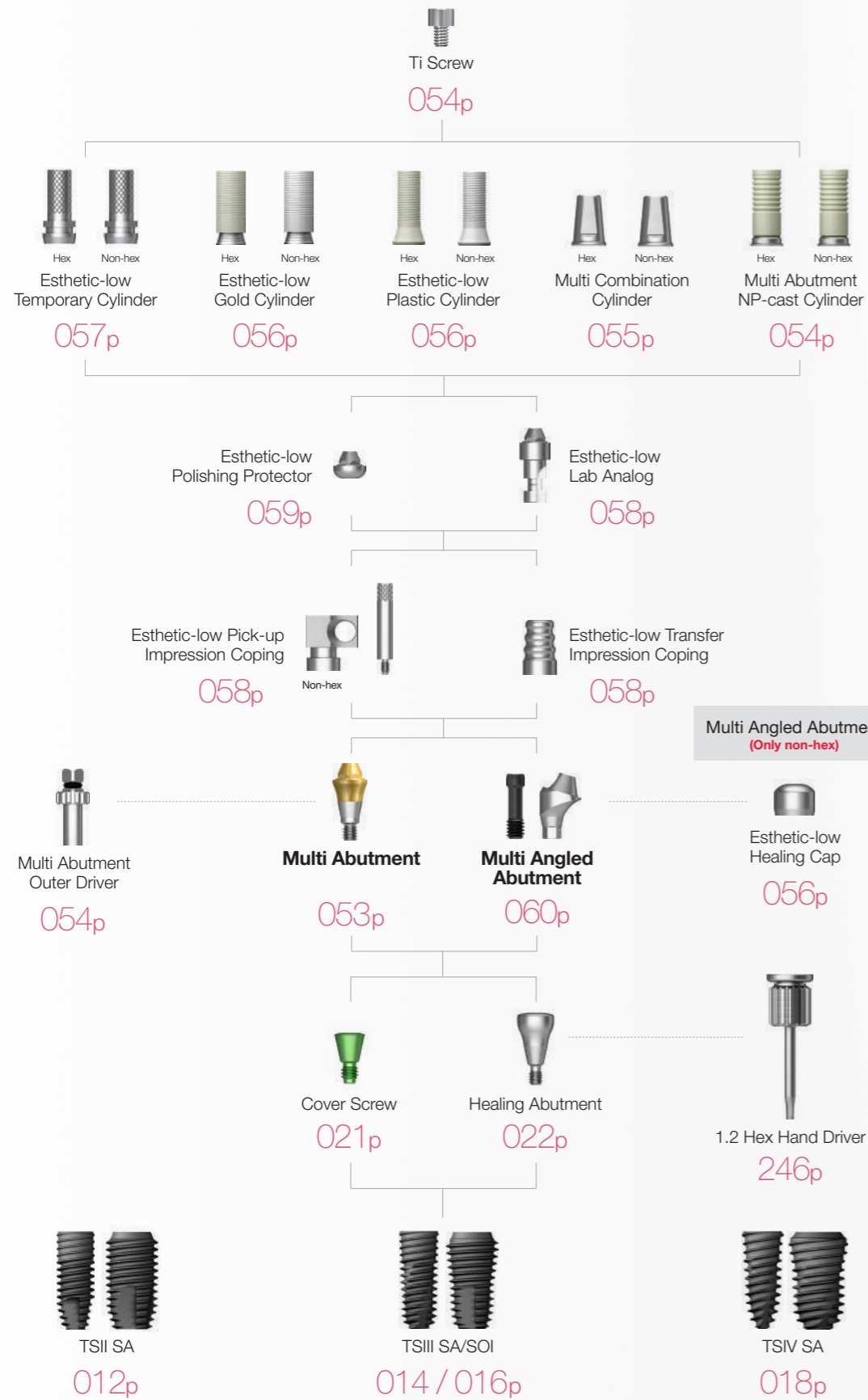


Ti screw
: GSABSST



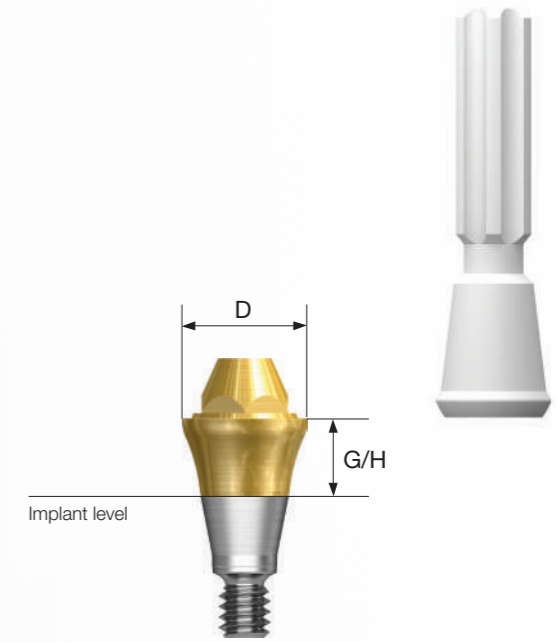
Multi / Multi Angled

Abutment Level Impression



Multi Abutment

- Used for producing screw-retained prosthesis in multiple case
- 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)

D Ø4.8



D Ø4.8



Multi Abutment Components

Multi Abutment Outer Driver

- A dedicated torque river for multi abutment



MAOD

Multi Abutment Machine Driver

- A dedicated machine river for multi abutment



MAMD

Multi Abutment NP-Cast Cylinder

- Used for producing screw-retained prosthesis in multi abutment
- Used for fabrication of customized prosthesis by casting with nonprecious metal alloys
- Cylinder melting temperature: 1400~1550°C
- 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)

M Mini

R Regular

Ti screw
: MTS200

D \ Type **Hex** **Non-Hex**



TSMN500



TSMN500N

Multi Combination Cylinder

- Used for producing combination prosthesis in multi abutment
- 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)

M Mini

R Regular

Ti screw
: MTS200

D \ Type **Hex** **Non-Hex**



TSMC500



TSMC500N

Multi (Angled) Abutment Components

Esthetic-low Healing Cap

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

M Mini
R Regular



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°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 : MGR200**TH**)

M Mini
R Regular



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 : MEPR200**TH**)

M Mini
R Regular



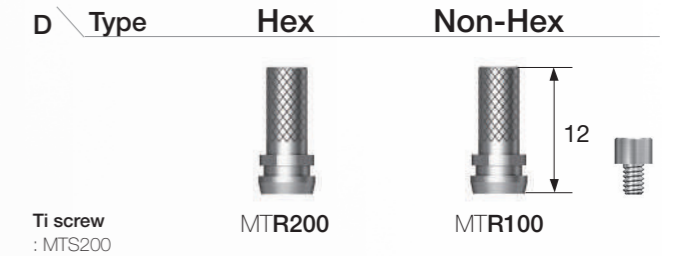
Esthetic-low Temporary Cylinder

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 : MTR200**TH**)

M Mini
R Regular



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 : NMTR200**TH**)

M Mini
R Regular

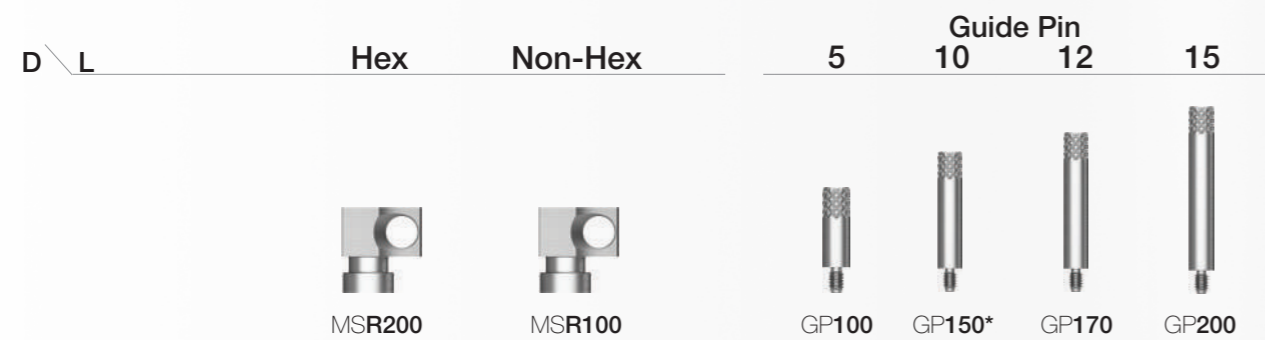
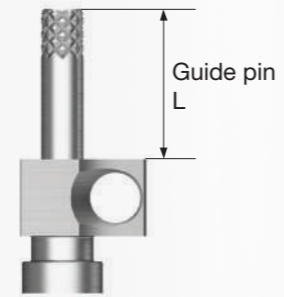


Multi (Angled) Abutment Components

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(*)

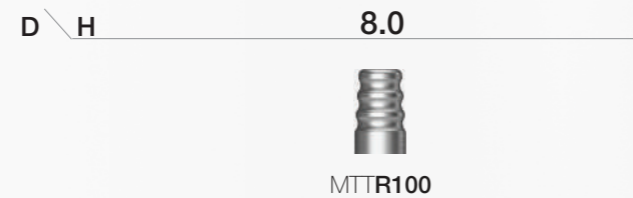
- M** Mini
- R** Regular



Esthetic-low Transfer Impression Coping

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

- M** Mini
- R** Regular



Esthetic-low Lab Analog

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

- M** Mini
- R** Regular



Esthetic-low Polishing Protector

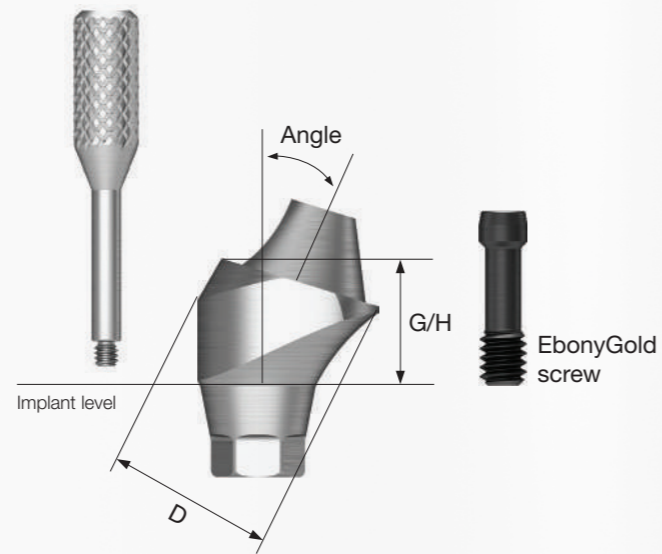
- Protecting the joint in the polishing procedure after producing a prosthesis using esthetic GoldCast/plastic cylinder
- Hand tightened with a 1.2 hex driver

- M** Mini
- R** Regular



Multi Angled Abutment

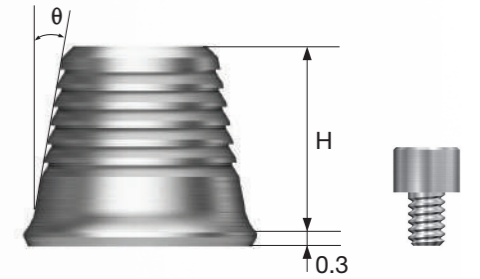
- Used for producing screw-retained prosthesis in multiple case
- The same platform as the multi abutment
- Implant placement angle compensated up to 108°
- Producing prosthesis with US esthetic-low cylinder (regular/non-hex)
- Using dedicated abutment screws
- Tightened with a 1.2 hex driver
- Recommended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



Abutment + EbonyGold screw + Carrier order code
: product code + **WH** (ex : GS17MAS4840**WH**)

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 : TSMTB405**GTH**)

D Ø4.8



EbonyGold screw
: GSMABSM

Angle \ G/H	2.5	3.0	4.0
17°	GS17MAM4820	GS17MAM4830	GS17MAM4840

Angle \ G/H	3.5	4.0	5.0
30°	GS30MAM4830	GS30MAM4840	GS30MAM4850

D Ø4.8



EbonyGold screw
: GSMABSS

Angle \ G/H	2.5	3.0	4.0	5.0
17°	GS17MAS4820	GS17MAS4830	GS17MAS4840	GS17MAS4850

Angle \ G/H	3.5	4.0	5.0
30°	GS30MAS4830	GS30MAS4840	GS30MAS4850



Mini



Regular

TS Multi Ti-base screw
: TSMTBS

H \ Degree(θ)	5°	10°
4	TSMTB0405G	TSMTB0410G
6	TSMTB0605G	-

TS Multi Scan Body

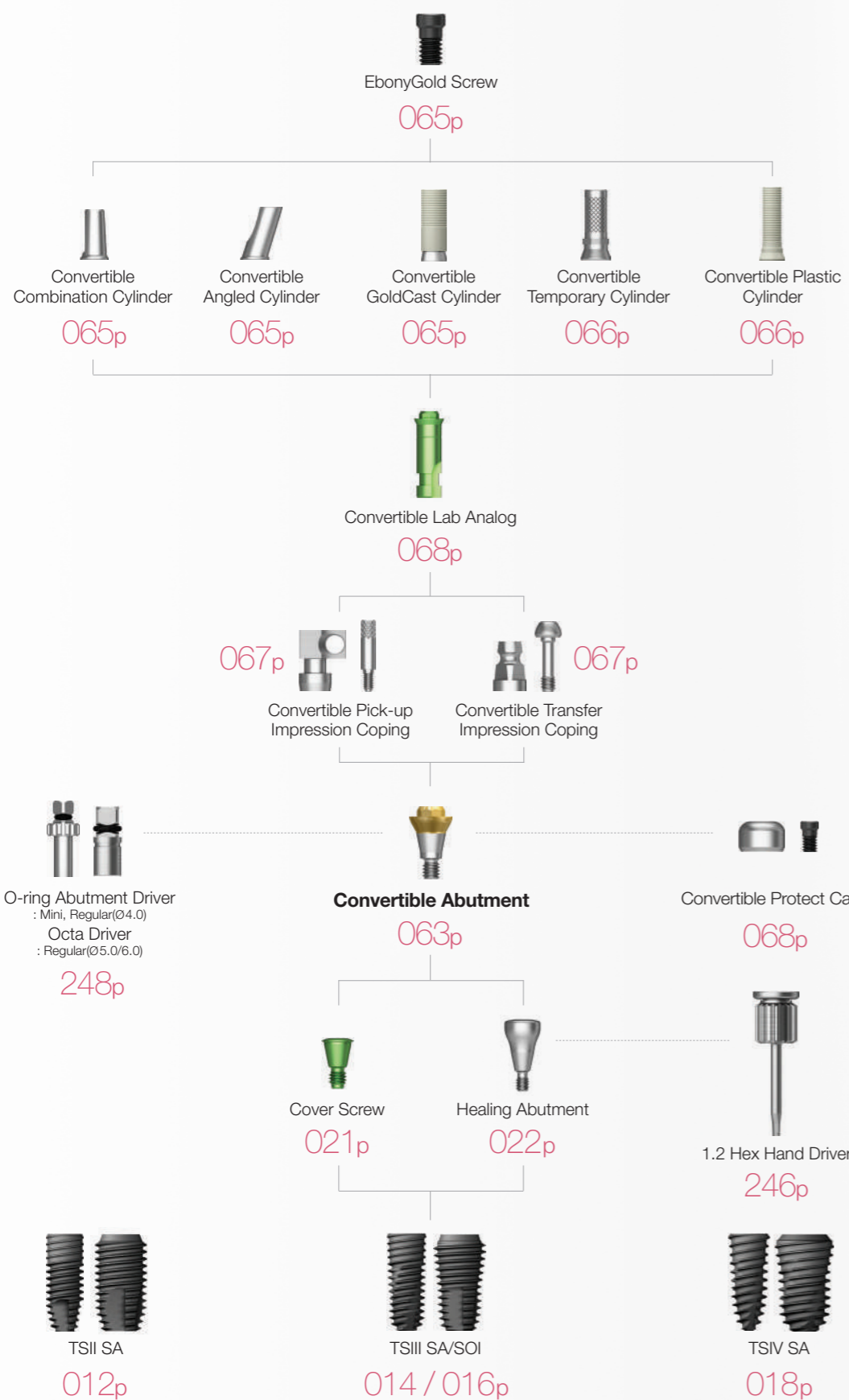
- Used by connecting to the TS multi abutment for oral scanning
- Used for non-hex type
- Hand tightened with a 1.2 hex driver



TSMSCB

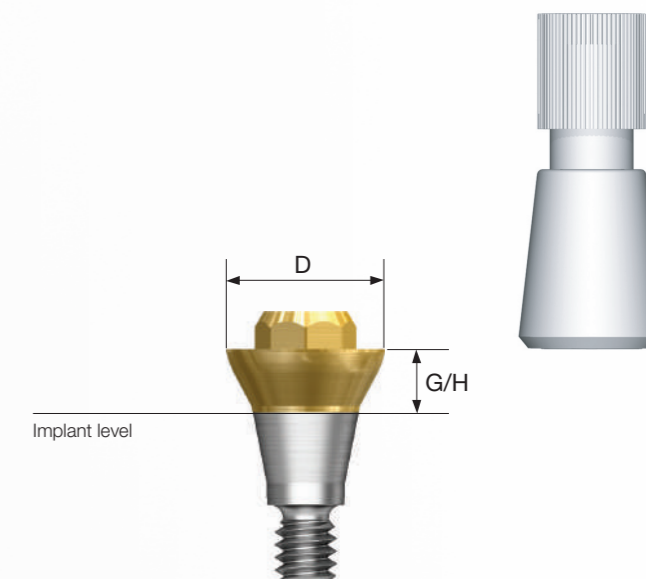
Convertible

Abutment Level Impression



Convertible Abutment

- Used for producing combination/screw-retained prosthesis in multiple case
- 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)

D Ø4.0



D Ø4.0



Convertible Abutment

D Ø5.0



G/H	1.0	2.0	3.0	4.0	5.0
	GSCA5010	GSCA5020	GSCA5030	GSCA5040	GSCA5050

D Ø6.0



G/H	1.0	2.0	3.0	4.0	5.0
	GSCA6010	GSCA6020	GSCA6030	GSCA6040	GSCA6050

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 : GSCC5070**TWH**)

M Mini

R Regular

D \ H	7.0			
	Type	Hex	Non-Hex	Octa
Ø4.0/Ø4.0		GSCC4070T	GSCC4070TN	-
Ø5.0		-	-	GSCC5070T
Ø6.0		-	-	GSCC6070T

EbonyGold screw
: GSFSM (Ø4.0 / Ø4.0)
: GSFSR (Ø5.0 / Ø6.0)

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 : GSAC5080**TWH**)

M Mini

R Regular

D \ H	8.0			
	Type	Hex	Non-Hex	Octa
Ø4.0/Ø4.0		GSAC4080T	GSAC4080TN	-
Ø5.0		-	-	GSAC5080T
Ø6.0		-	-	GSAC6080T

EbonyGold screw
: GSFSM (Ø4.0 / Ø4.0)
: GSFSR (Ø5.0 / Ø6.0)

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 : GSGC500**WH**)

M Mini

R Regular

D \ H	12			
	Type	Hex	Non-Hex	Octa
Ø4.0/Ø4.0		GSGC400	GSGC400N	-
Ø5.0		-	-	GSGC500
Ø6.0		-	-	GSGC600

EbonyGold screw
: GSFSM (Ø4.0 / Ø4.0)
: GSFSR (Ø5.0 / Ø6.0)





Convertible Abutment Components

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 : GSCTC500**TH**)

M Mini
R Regular

D \ H	Type	12		
		Hex	Non-Hex	Octa
ø 4.0 / ø 4.0		 GSCTC400T	 GSCTC400NT	-
ø 5.0		-	-	 GSCTC500T
ø 6.0		-	-	 GSCTC600T

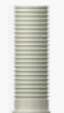
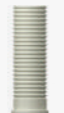


Ti screw
: GSFSMT (ø 4.0 / ø 4.0)
: GSFSRT (ø 5.0 / ø 6.0)

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 : GSCPL500**WH**)

M Mini
R Regular

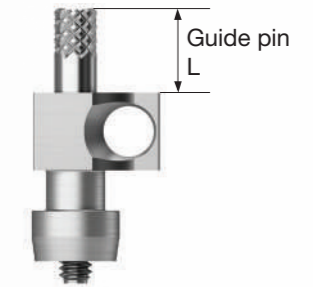
D \ H	Type	12		
		Hex	Non-Hex	Octa
ø 4.0 / ø 4.0		 GSCPL400	 GSCPL400N	-
ø 5.0		-	-	 GSCPL500
ø 6.0		-	-	 GSCPL600

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

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(*)

M Mini
R Regular



D \ L

ø 4.0 / ø 4.0
ø 5.0
ø 6.0

GSPIC400 (Hex / Yellow)
GSPIC500 (Octa / Silver)
GSPIC600 (Octa / Blue)

Guide Pin
0 5.0



Convertible Transfer Impression Coping

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

M Mini
R Regular

ø 4.0 / ø 4.0
ø 5.0
ø 6.0



GSTIC400 (Hex / Yellow)
GSTIC500 (Octa / Silver)
GSTIC600 (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 : GSCHC500**WH**)

- M** Mini
- R** Regular

	D		
			
Ø 4.0/Ø 4.0	GSCHC400 (Hex)	-	-
Ø 5.0	-	GSCHC500 (Non-octa)	-
Ø 6.0	-	-	GSCHC600 (Non-octa)

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

Convertible Lab Analog

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

- M** Mini
- R** Regular

	D		
			
Ø 4.0/Ø 4.0	GSCLA400 (Hex)	-	-
Ø 5.0	-	GSCLA500 (Octa)	-
Ø 6.0	-	-	GSCLA600 (Octa)

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

- M** Mini
- R** Regular

	D		
			
Ø 4.0/Ø 4.0	GSCPC400 (Hex)	-	-
Ø 5.0	-	GSCPC500 (Octa)	-
Ø 6.0	-	-	GSCPC600 (Octa)

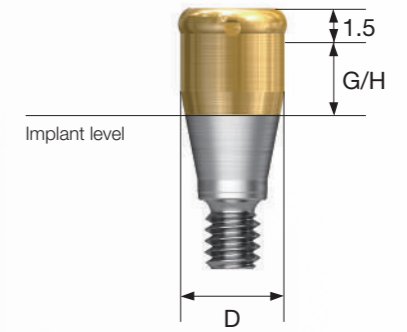
OSSTEM[®]
IMPLANT

Port / Locator® / Stud Overdenture



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



D Ø3.7

M

G/H	1.0	2.0	3.0	4.0
	TSPTA3510M	TSPTA3520M	TSPTA3530M	TSPTA3540M

G/H	5.0	6.0	7.0
	TSPTA3550M	TSPTA3560M	TSPTA3570M

D Ø3.7

R

G/H	1.0	2.0	3.0	4.0
	TSPTA4010R	TSPTA4020R	TSPTA4030R	TSPTA4040R

G/H	5.0	6.0	7.0
	TSPTA4050R	TSPTA4060R	TSPTA4070R

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

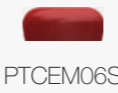


- Retention force : High retention (Approx. 22N)
- Placement angle compensated up to 20°
- Packing unit : 4ea

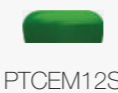


Port Extended Replacement Male

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



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



Port Black Processing Male

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



Port Male Cap

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



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



Port Impression Coping

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



Port Lab Analog

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



Port Multi Tool

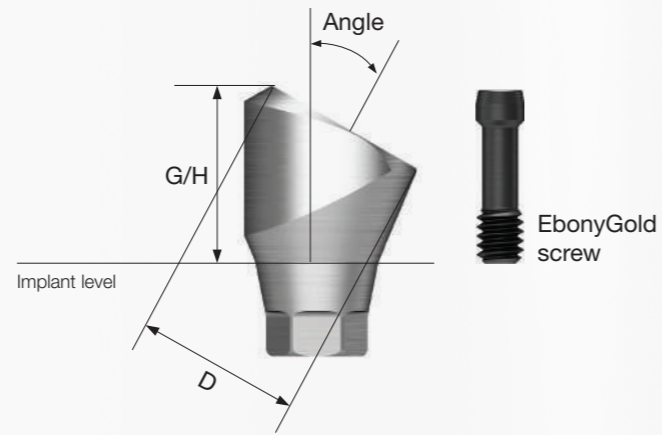
- Used for placing and removing the replacement male in the denture cap
- Separated into three pieces and used as a hand driver for port abutment



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 : TS30PA455R**WH**)



D Ø4.6



EbonyGold screw
: GSMABSS

Angle \ G/H	4.0	5.0
10°	 TS10PA454R	 TS10PA455R

Angle \ G/H	4.0	5.0
17°	 TS17PA454R	 TS17PA455R

Angle \ G/H	4.0	5.0
30°	 TS30PA454R	 TS30PA455R

D Ø4.6



EbonyGold screw
: GSMABSM

Angle \ G/H	4.0	5.0
10°	 TS10PA454M	 TS10PA455M

Angle \ G/H	4.0	5.0
17°	 TS17PA454M	 TS17PA455M

Angle \ G/H	4.0	5.0
30°	 TS30PA454M	 TS30PA455M

Port Angled Abutment Components

Port Angled Abutment Head

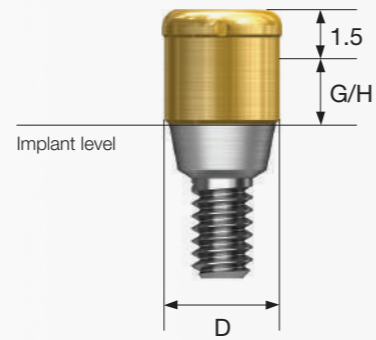
- Head part connected to the port angled abutment
- Tightened using a locator torque driver
- Recommended tightening torque : 20Ncm
- Packing unit : abutment head + carrier



PTAAH450P

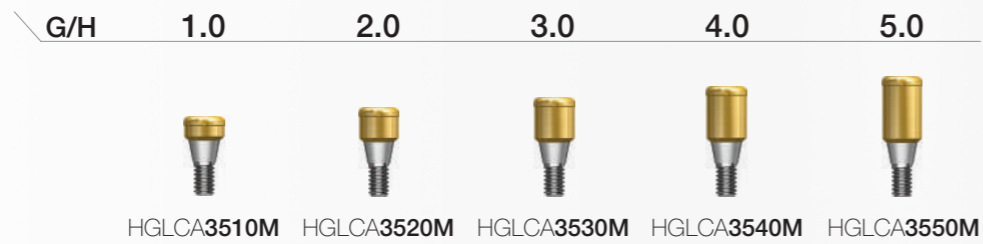
Locator® Abutment

- Locator Abutment for TS abutment of Zest Dental Solutions
- 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



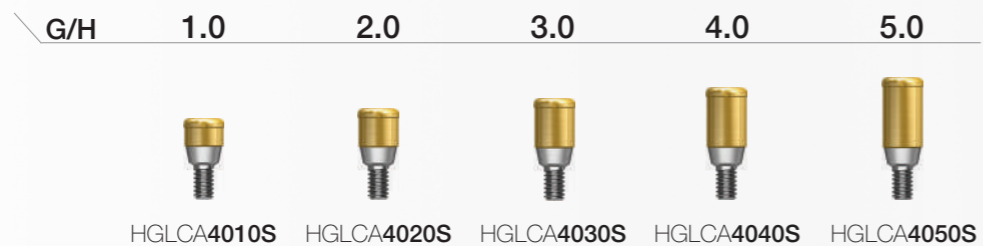
D Ø3.7

M



D Ø3.7

R



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)
- Placement angle compensated up to 20°
- Packing unit : 4ea

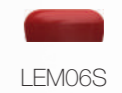
- Retention force : High retention (Approx. 22N)
- Placement angle compensated up to 20°
- Packing unit : 4ea



Locator® Extended Replacement Male

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

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



Locator® Abutment Components

Locator® Black Processing Male

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



LBPS

Locator® 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



LBSS

Locator® Impression Coping

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



LICS

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



LCCT

Locator® Torque Driver

- Torque driver for Locator Abutment

Type Short Long



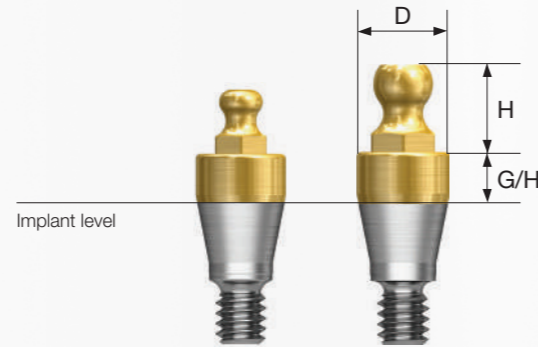
TWLDSK



TWLDLK

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)



D Ø3.5

M

	G/H 1.0	2.0	3.0	4.0	5.0	6.0
Small Size	GSST3510M	GSST3520M	GSST3530M	GSST3540M	GSST3550M	GSST3560M
Normal Size	GSSAM3510	GSSAM3520	GSSAM3530	GSSAM3540	GSSAM3550	GSSAM3560

D Ø3.5

R

	G/H 1.0	2.0	3.0	4.0	5.0	6.0
Small Size	GSST3510R	GSST3520R	GSST3530R	GSST3540R	GSST3550R	GSST3560R
Normal Size	GSSA3510	GSSA3520	GSSA3530	GSSA3540	GSSA3550	GSSA3560

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



O-ring Retainer Set

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



O-ring Set

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



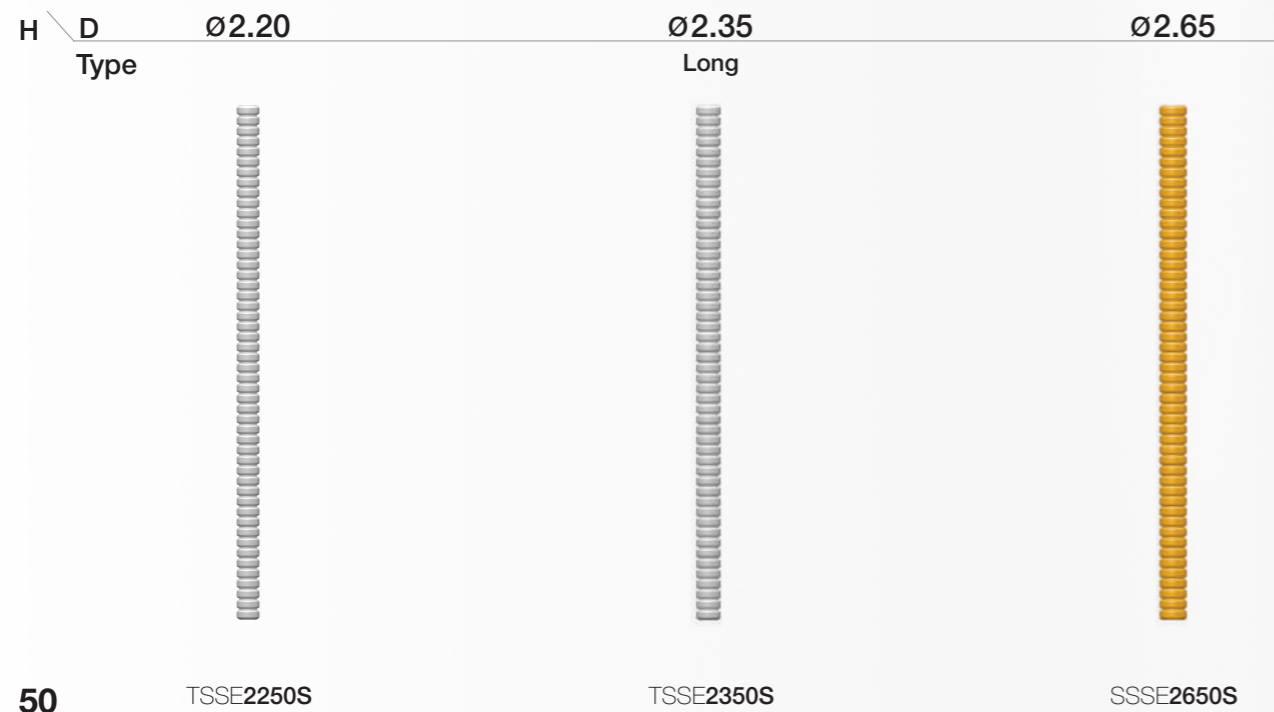
O-ring Lab Analog

- Lab analog for Stud Abutment



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

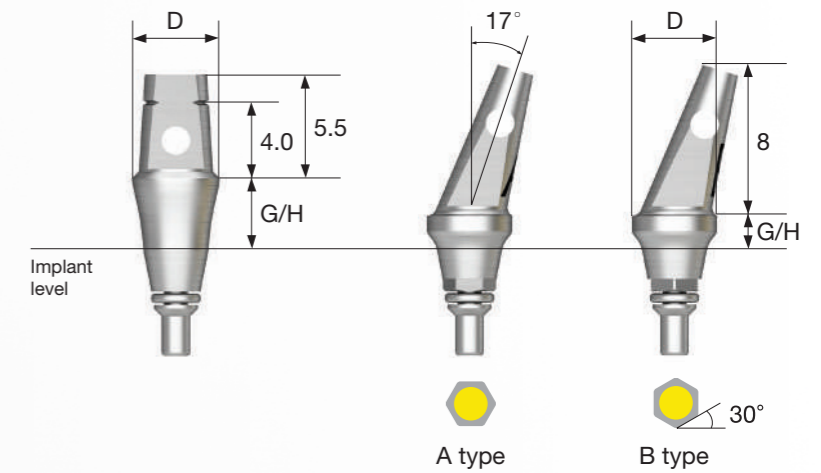
M Mini (Yellow)

R Regular (Green)



TS Abutment Selection KIT

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



Straight Type

G/H	2.0	4.0
Ø 4.0	TSSS4020	TSSS4040
Ø 4.5	TSSS4520	TSSS4540
Ø 5.0	TSSS5020	TSSS5040
Ø 6.0	TSSS6020	TSSS6040

Angled Type

G/H	2.0		4.0	
Type	Hex A	Hex B	Hex A	Hex B
Ø 4.0	TSSA4020A	TSSA4020B	TSSA4040A	TSSA4040B
Ø 4.5	TSSA4520A	TSSA4520B	TSSA4540A	TSSA4540B
Ø 5.0	TSSA5020A	TSSA5020B	TSSA5040A	TSSA5040B

OSSTEM[®]
IMPLANT

SS SYSTEM

IMPLANT

- 090** SSII SA Implant
- 092** SSIII SA Implant
- 096** Simple Mount
- 096** Cover Screw
- 097** Closing Screw
- 098** Healing Abutment

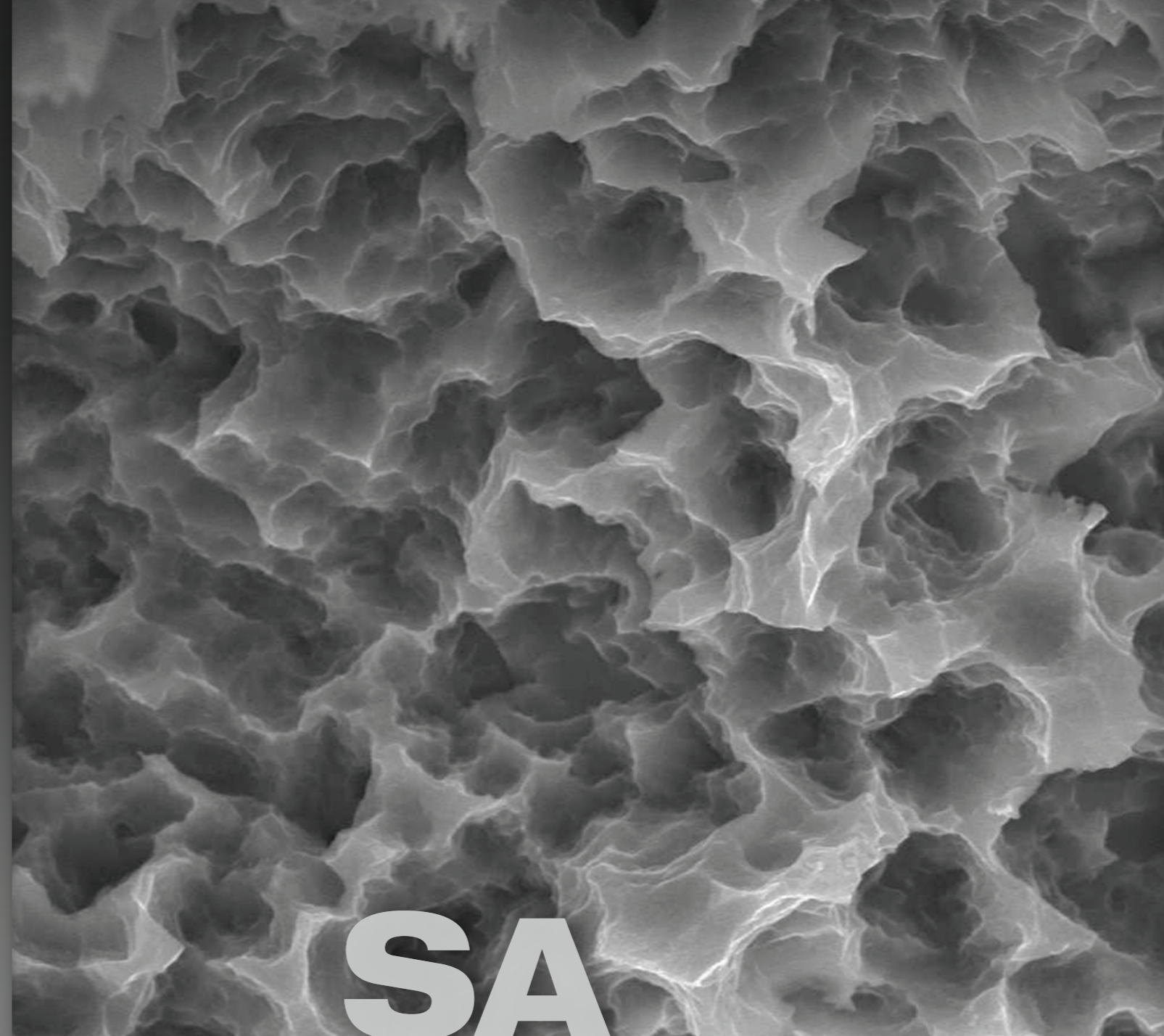
COMPONENTS

- 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



SA

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



SS packaging color information

Optimized surface morphology through acid-etching treatment

- Surface roughness: Ra 2.0-3.0 μ m
(Note: the roughness in the upper 0.5mm part is Ra 0.5-0.6 μ m)
- 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

SSII SA Implant

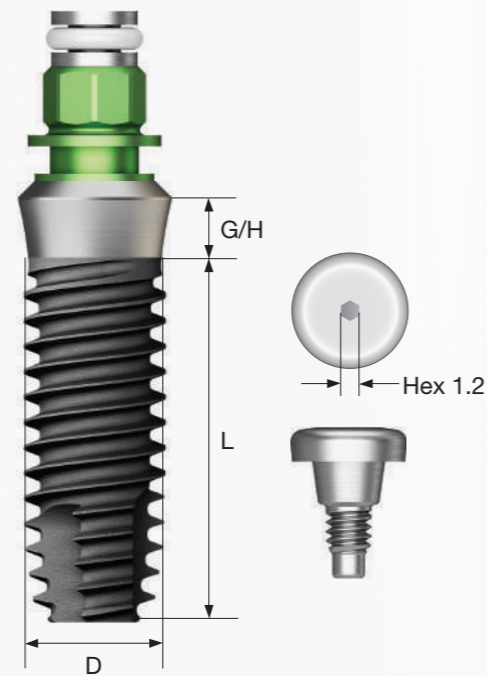
- Non-submerged type implant with an internal octa 8° tapered connection based on the one-stage surgery
- Optimal thread design for realization of optimal SA surface
- Straight body design for easy adjustment of placement depth
- Superior self-threading effect with corkscrew thread
- Recommended placement 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

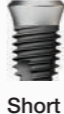





: implant product code (ex : SS2R4011S18)

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




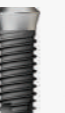
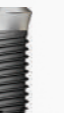
: A + implant product code (ex : ASS2R4011S18)








D Ø5.0
P Ø6.0
W

G/H \ L	6	7	8.5	10	11.5	13
	 Short					
1.8	SS2W5006S18	SS2W5007S18	SS2W5008S18	SS2W5010S18	SS2W5011S18	SS2W5013S18
2.8	SS2W5006S28	SS2W5007S28	SS2W5008S28	SS2W5010S28	SS2W5011S28	SS2W5013S28





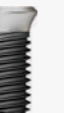
D Ø4.0
P Ø4.8
R

G/H \ L	7	8.5	10	11.5	13
					
1.8	SS2R4007S18	SS2R4008S18	SS2R4010S18	SS2R4011S18	SS2R4013S18
2.8		SS2R4008S28	SS2R4010S28	SS2R4011S28	SS2R4013S28

D Ø4.5
P Ø4.8
R

G/H \ L	7	8.5	10	11.5	13
					
1.8	SS2R4507S18	SS2R4508S18	SS2R4510S18	SS2R4511S18	SS2R4513S18
2.8		SS2R4508S28	SS2R4510S28	SS2R4511S28	SS2R4513S28

D Ø4.5
P Ø6.0
W

G/H \ L	7	8.5	10	11.5	13
					
1.8	SS2W4507S18	SS2W4508S18	SS2W4510S18	SS2W4511S18	SS2W4513S18
2.8	SS2W4507S28	SS2W4508S28	SS2W4510S28	SS2W4511S28	SS2W4513S28

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

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

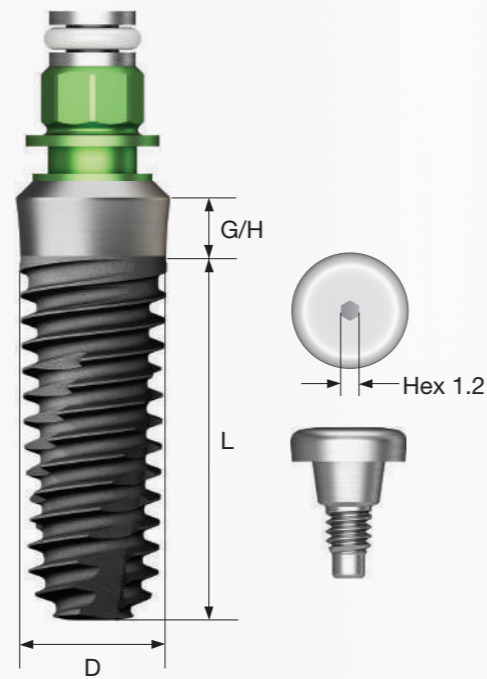
- Useful for placement in a fresh extraction socket in the posterior region, immediate placement case or for replacing a failed implant
 - Optimized apex design for excellent initial stability in a fresh extraction socket or in 3mm from the bottom
 - Recommended placement torque: $\leq 40\text{Ncm}$
- ※ 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)



D Ø3.5
P Ø4.8



G/H \ L	8.5	10	11.5	13
1.8	SS3R3508S18	SS3R3510S18	SS3R3511S18	SS3R3513S18
2.8	SS3R3508S28	SS3R3510S28	SS3R3511S28	SS3R3513S28

D Ø4.0
P Ø4.8



G/H \ L	7	7	8.5	10	11.5	13
NEW 2025 0.8	SS3R4006S08	-	-	-	-	-
1.8	SS3R4006S18	SS3R4007S18	SS3R4008S18	SS3R4010S18	SS3R4011S18	SS3R4013S18
2.8	-	-	SS3R4008S28	SS3R4010S28	SS3R4011S28	SS3R4013S28

D Ø4.5
P Ø4.8



NEW 2025

G/H \ L	7	7	8.5	10	11.5	13
0.8	SS3R4506S08	-	-	-	-	-
1.8	-	SS3R4507S18	SS3R4508S18	SS3R4510S18	SS3R4511S18	SS3R4513S18
2.8	-	-	SS3R4508S28	SS3R4510S28	SS3R4511S28	SS3R4513S28

D Ø4.5
P Ø6.0



G/H \ L	7	7	8.5	10	11.5	13
1.8	SS3W4506S18	SS3W4507S18	SS3W4508S18	SS3W4510S18	SS3W4511S18	SS3W4513S18
2.8	-	SS3W4507S28	SS3W4508S28	SS3W4510S28	SS3W4511S28	SS3W4513S28

D Ø5.0
P Ø6.0



NEW 2025

G/H \ L	6	6	6	7	8.5	10	11.5	13
0.8	SS3W5004S08	SS3W5005S08	-	-	-	-	-	-
1.8	-	SS3W5005S18	SS3W5006S18	SS3W5007S18	SS3W5008S18	SS3W5010S18	SS3W5011S18	SS3W5013S18
2.8	-	-	SS3W5006S28	SS3W5007S28	SS3W5008S28	SS3W5010S28	SS3W5011S28	SS3W5013S28

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

SSIII SA Implant

Ultra-wide







D \varnothing 6.0
P \varnothing 6.0



G/H \ L	6	7	8.5	10	11.5	13
	 Short					
1.8	SS3W6006S18	SS3W6007S18	SS3W6008S18	SS3W6010S18	SS3W6011S18	SS3W6013S18
2.8	SS3W6006S28	SS3W6007S28	SS3W6008S28	SS3W6010S28	SS3W6011S28	SS3W6013S28

D \varnothing 7.0
P \varnothing 6.0



G/H \ L	6	7	8.5	10	11.5	13
	 Short					
1.8	SS3W7006S18	SS3W7007S18	SS3W7008S18	SS3W7010S18	SS3W7011S18	SS3W7013S18
2.8	SS3W7006S28	SS3W7007S28	SS3W7008S28	SS3W7010S28	SS3W7011S28	SS3W7013S28

OSSTEM[®]
IMPLANT

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

Mount & Screw

Simple Mount NEW 2025

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

R Regular

W Wide

P

R



SSHRG

W



SSHWB

P

R



SSCS480

W



SSCS600

Cover Screw

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

R Regular

W Wide

Closing Screw NEW 2025

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

R Regular

W Wide

P

R



SSCS480N

W



SSCS600N

Healing Abutment

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

R Regular

W Wide



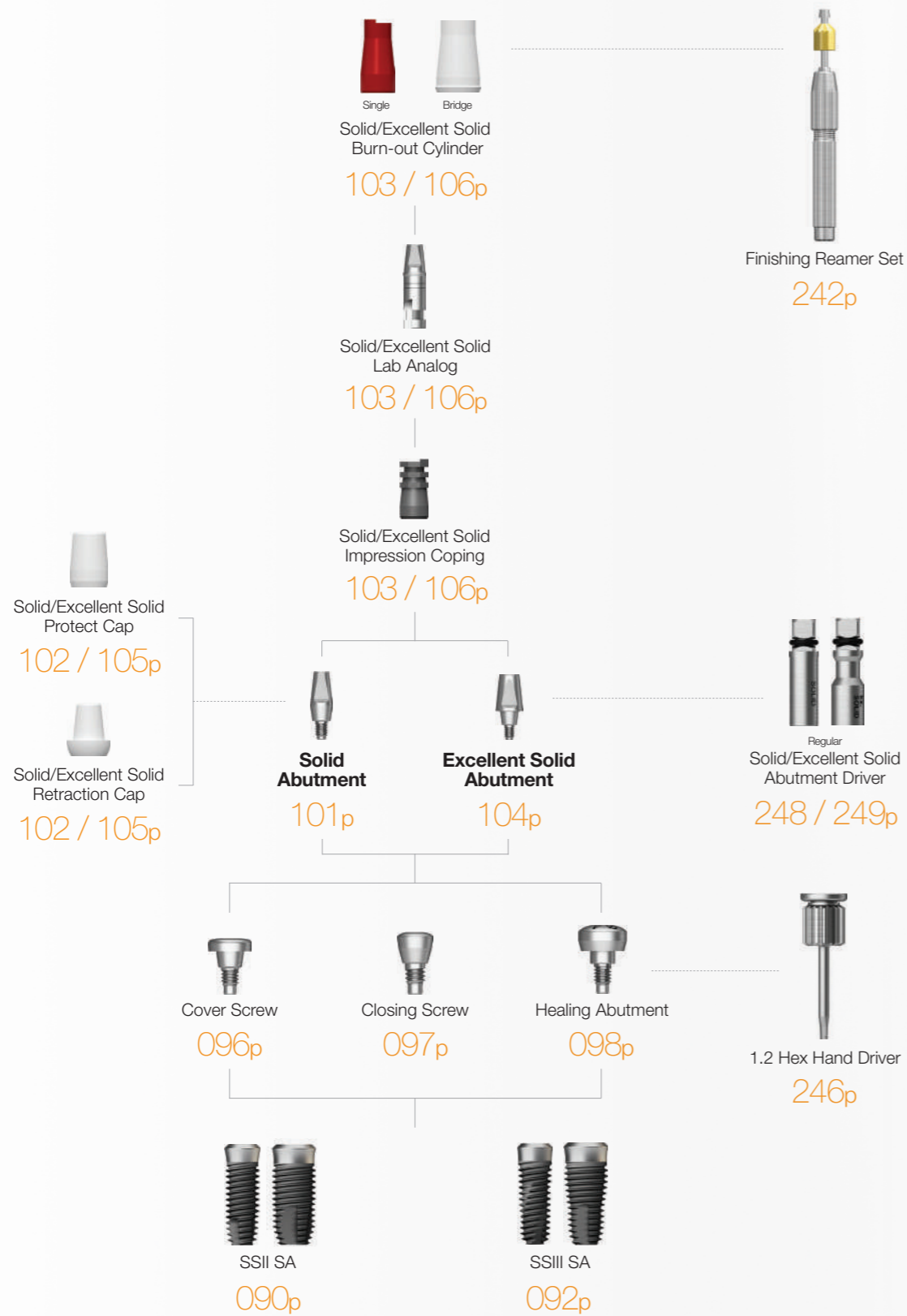
P \ H	2.0	3.0	4.0	5.0
Ø4.8	SSH482	SSH483	SSH484	SSH485

P \ H	2.0	3.0	4.0	5.0
Ø6.0	-	SSH603	SSH604	SSH605

OSSTEM[®]
IMPLANT

Solid / Excellent Solid

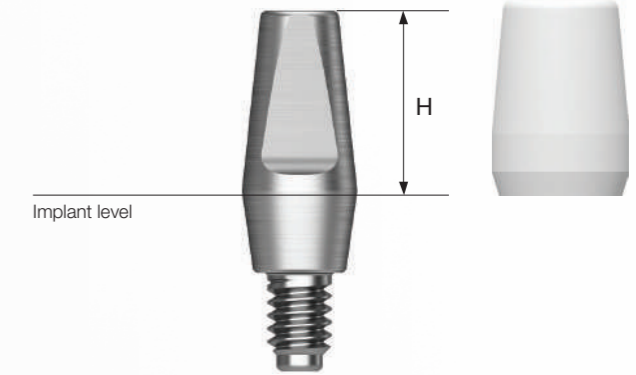
Abutment Level Impression



Solid Abutment

- Abutment for producing cement-retained prosthesis
- 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 : SSS485**P**)



P Ø4.8



P Ø6.0









Solid Abutment Components

Solid Protect Cap

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

R Regular

W Wide







P \ H	4.0	5.5	7.0
Ø 4.8	 SSC484	 SSC485	 SSC487
Ø 6.0	 SSC604	 SSC605	 SSC607

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

R Regular

W Wide

P \ H	4.0	5.5	7.0
Ø 4.8	 SSSRC484	 SSSRC485	 SSSRC487
Ø 6.0	 SSSRC604	 SSSRC605	 SSSRC607

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

R Regular

W Wide

P \ H	4.0	5.5	7.0
Ø 4.8	 SSIC484	 SSIC485	 SSIC487
Ø 6.0	 SSIC604	 SSIC605	 SSIC607

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

R Regular

W Wide

P \ H	4.0	5.5	7.0
Ø 4.8	 SSSA484	 SSSA485	 SSSA487
Ø 6.0	 SSSA604	 SSSA605	 SSSA607

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

R Regular

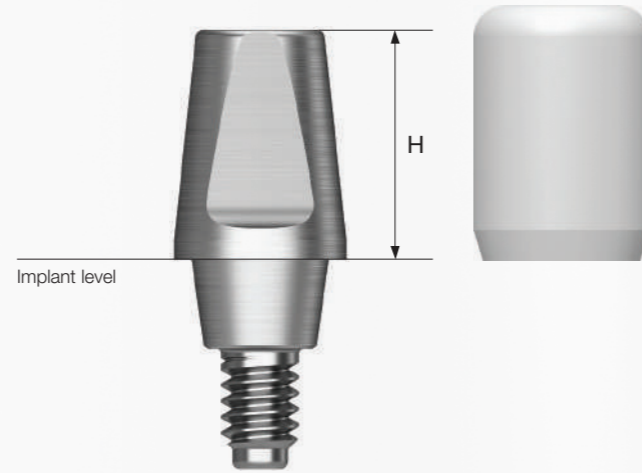
W Wide

P \ H	Single	Bridge
Ø 4.8	 SSSP480S	 SSSP480B
Ø 6.0	 SSSP600S	 SSSP600B

Excellent Solid Abutment

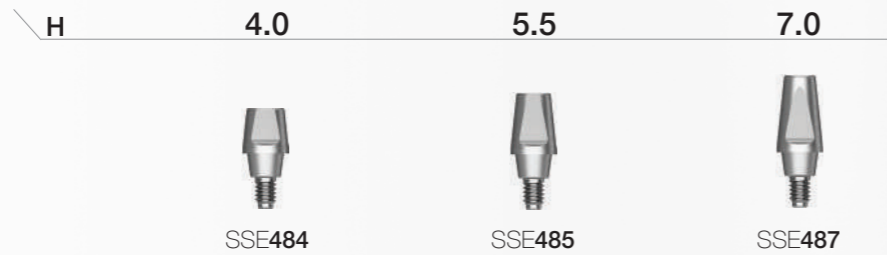
- Abutment for producing cement-retained prosthesis
- Larger in volume compared to Solid Abutment, suitable for molars or when removal is required
- Abutment level impression
- Ø 4.8 : Tightened with a 1.2 hex driver or Excellent Solid Abutment driver (code : ESDSS/ESDSL)
- Ø 6.0 : Tightened with a 1.2 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 Ø4.8

R



P Ø6.0

W



Excellent Solid Abutment Components

Excellent Solid Protect Cap

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

R Regular

W Wide

P \ H	4.0	5.5	7.0
Ø 4.8			
	SSEC484	SSEC485	SSEC487
Ø 6.0			
	SSEC604	SSEC605	SSEC607

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

R Regular

W Wide




P \ H	4.0	5.5	7.0
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

R Regular
W Wide

P \ H	4.0	5.5	7.0
			
	SSEIC484 SSEIC604	SSEIC485 SSEIC605	SSEIC487 SSEIC607
	Ø 4.8 Ø 6.0		

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
W Wide

P \ H	4.0	5.5	7.0
			
	SSEA484 SSEA604	SSEA485 SSEA605	SSEA487 SSEA607
	Ø 4.8 Ø 6.0		

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

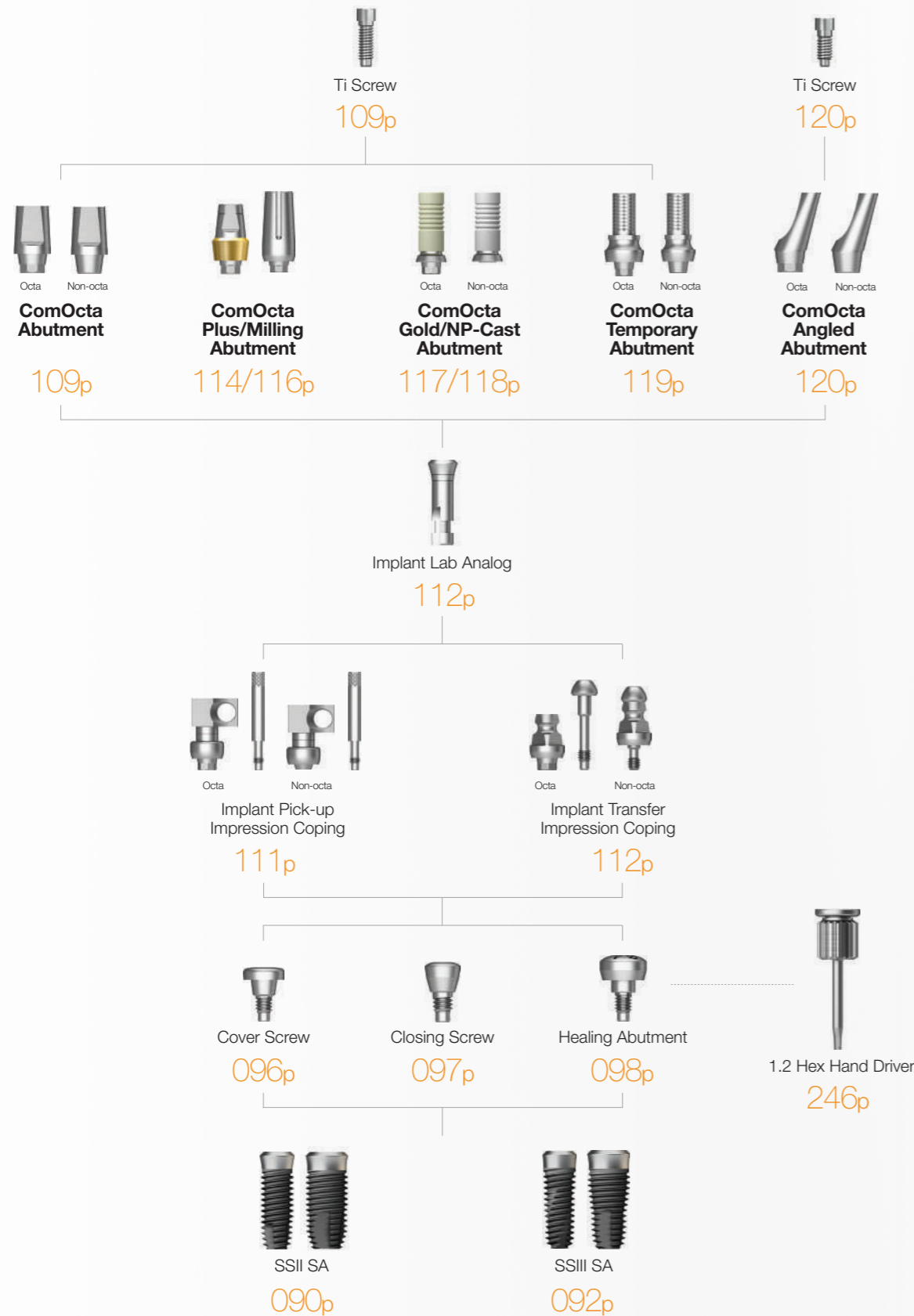
R Regular
W Wide

P \ H	Single	Bridge
		
	SSEP480S SSEP600S	SSEP480B SSEP600B
	Ø 4.8 Ø 6.0	

OSSTEM[®]
IMPLANT

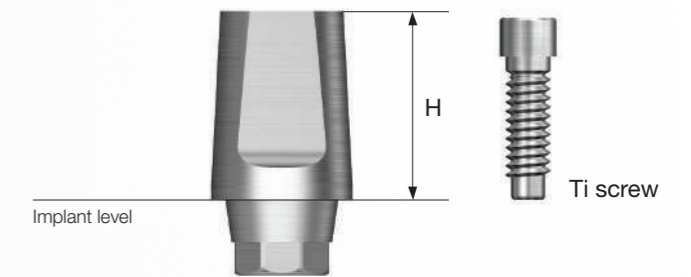
ComOcta

Implant Level Impression



ComOcta Abutment

- Abutment for producing cement-retained / combination prosthesis
- 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



Abutment + Ti screw order code
: product code + TH (ex : SSCA485TH)

P Ø4.8



Ti screw
: ASR200

H	4.0	5.5	7.0	4.0	5.5	7.0
Type	Octa			Non-Octa		
	SSCA484	SSCA485	SSCA487	SSCA484N	SSCA485N	SSCA487N

P Ø6.0



Ti screw
: ASR200







H	4.0	5.5	7.0	4.0	5.5	7.0
Type	Octa			Non-Octa		
	SSCA604	SSCA605	SSCA607	SSCA604N	SSCA605N	SSCA607N

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







R Regular
W Wide

P \ H	4.0	5.5	7.0
Ø 4.8	 SSCC484	 SSCC485	 SSCC487
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




R Regular
W Wide

P \ H	4.0	5.5	7.0
Ø 4.8	 SSCRC484	 SSCRC485	 SSCRC487
Ø 6.0	 SSCRC604	 SSCRC605	 SSCRC607

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

R Regular
W Wide

P \ H	4.0	5.5	7.0
Ø 4.8	 SSCIC484	 SSCIC485	 SSCIC487
Ø 6.0	 SSEIC604	 SSEIC605	 SSEIC607

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

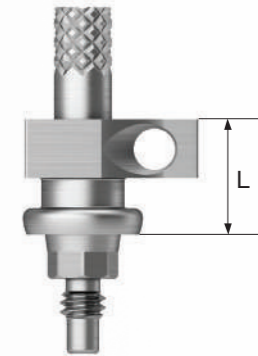
R Regular
W Wide





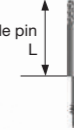






P \ H	4.0	5.5	7.0
Ø 4.8	 SSCLA484	 SSCLA485	 SSCLA487
Ø 6.0	 SSCLA604	 SSCLA605	 SSCLA607

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(*)

R Regular (Green)
W Wide (Blue)



P \ L Type	5		10		Guide Pin		
	Octa	Non-Octa	Octa	Non-Octa	10	15	17
Ø 4.8							
Ø 6.0					CSR100*(L5) CSR150*(L10) CSR170		
	SSICAS480	SSICAS480N	SSICA480	SSICA480N			
	SSICAS600	SSICAS600N	SSICA600	SSICA600N			

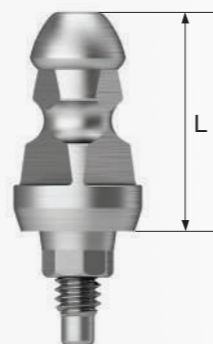
ComOcta Abutment Components

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

R Regular (Green)

W Wide (Blue)



P \ L	9.5		12.5		9.5		12.5	
	Type		Octa		Non-Octa		Non-Octa	
	SSCTIS480	SSCTIS600	SSCTIL480	SSCTIL600	SSCTIS480N	SSCTIS600N	SSCTIL480N	SSCTIL600N

Ø4.8
Ø6.0

OSSTEM[®]
IMPLANT

Implant Lab Analog

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

R Regular (Green)

W Wide (Blue)



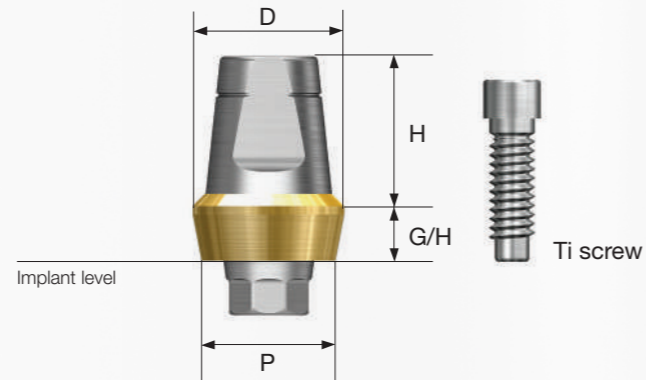
Ø4.8
Ø6.0

SSFA480
SSFA600

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 : SSCAP4826**CTH**)



P Ø4.8



Ti screw
: ASR200

	H \ G/H D	1.0 Ø5.5	2.0 Ø5.5	3.0 Ø5.5	4.0 Ø5.5
Octa	4.0	SSCAP4814C	SSCAP4824C	SSCAP4834C	SSCAP4844C
	5.5	SSCAP4816C	SSCAP4826C	SSCAP4836C	SSCAP4846C
Non-Octa	5.5	SSCAP4816CN	SSCAP4826CN	SSCAP4836CN	SSCAP4846CN

	H \ G/H D	2.0 Ø6.0	3.0 Ø6.5	4.0 Ø7.0
Octa	5.5	SSCAP4826E	SSCAP4836E	SSCAP4846E
Non-Octa	5.5	SSCAP4826EN	SSCAP4836EN	SSCAP4846EN

P Ø6.0



Ti screw
: ASR200

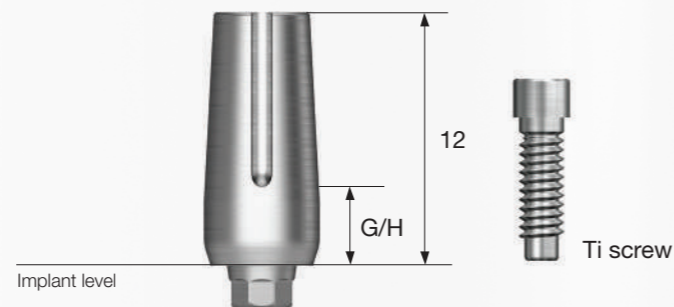
	H \ G/H D	1.0 Ø6.5	2.0 Ø6.5	3.0 Ø6.5	4.0 Ø6.5
Octa	4.0	SSCAP6014C	SSCAP6024C	SSCAP6034C	SSCAP6044C
	5.5	SSCAP6016C	SSCAP6026C	SSCAP6036C	SSCAP6046C
Non-Octa	5.5	SSCAP6016CN	SSCAP6026CN	SSCAP6036CN	SSCAP6046CN

	H \ G/H D	2.0 Ø6.8	3.0 Ø7.2	4.0 Ø7.6
Octa	5.5	SSCAP6026E	SSCAP6036E	SSCAP6046E
Non-Octa	5.5	SSCAP6026EN	SSCAP6036EN	SSCAP6046EN

ComOcta Milling Abutment

- 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

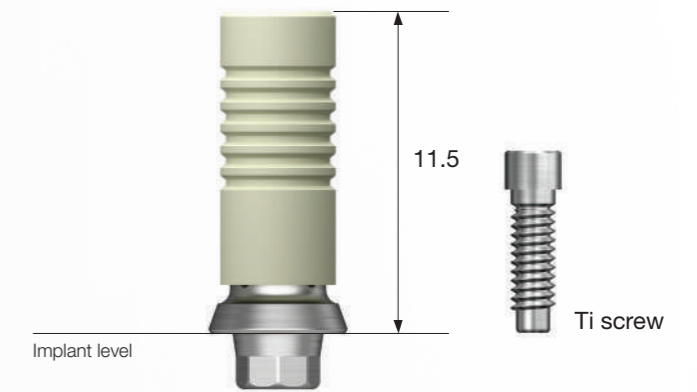
Abutment + Ti screw order code
: product code + **TH** (ex : SSCMA4830**TH**)









ComOcta Gold Abutment

- Abutment for producing cement-retained / combination / screw-retained prosthesis
- 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°C
- 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 : COG480**STH**)



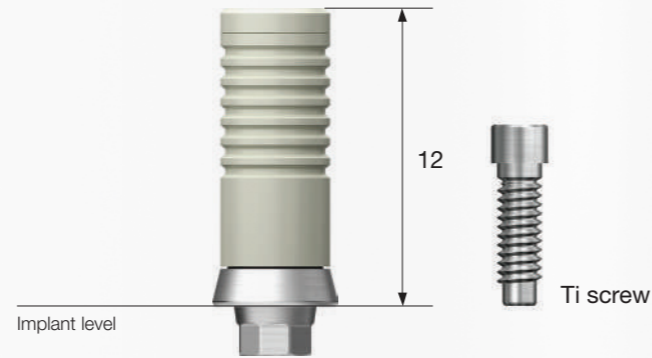
<p>P Ø4.8 / G/H 3.0</p> <p>R</p> <p>Ti screw : ASR200</p>	 <p>SSCMA4830</p>	<p>P Ø6.0 / G/H 3.0</p> <p>W</p> <p>Ti screw : ASR200</p>	 <p>SSCMA6030</p>
---	--	---	--

<p>P Ø4.8 / Type Octa Non-Octa</p> <p>R</p> <p>Ti screw : ASR200</p>	 <p>COG480S</p>	 <p>COG480B</p>	<p>P Ø6.0 / Type Octa Non-Octa</p> <p>W</p> <p>Ti screw : ASR200</p>	 <p>COG600S</p>	 <p>COG600B</p>
--	--	--	--	--	--

ComOcta NP-Cast Abutment

- 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

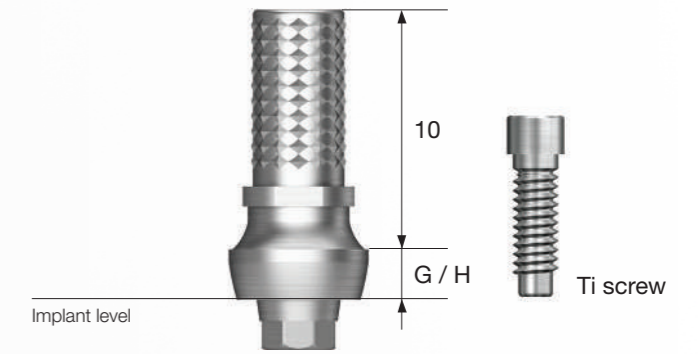
Abutment + Ti screw order code
: product code + **TH** (ex : CON480**STH**)



ComOcta Temporary Abutment

- Abutment for producing cement-retained/screw-retained temporary prosthesis
- Used by removing for producing temporary prosthesis (Ti Gr-3)
- Implant level impression
- Tightened with a 1.2 hex driver
- Recommended tightening torque: 20Ncm
- Packing unit : abutment + Ti screw

Abutment + Ti screw order code
: product code + **TH** (ex : SSTA0480**TH**)



118 P Ø4.8



Ti screw : ASR200

Type Octa Non-Octa



CON480S



CON480B

P Ø6.0



Ti screw : ASR200

Type Octa Non-Octa



CON600S



CON600B

119 P Ø4.8



Ti screw : ASR200

G/H Type 0 2.0 Octa 0 2.0 Non-Octa



SSTA0480



SSTA0482



SSTAN480



SSTAN482

P Ø6.0



Ti screw : ASR200

G/H Type 0 2.0 Octa 0 2.0 Non-Octa



SSTA0600



SSTA0602



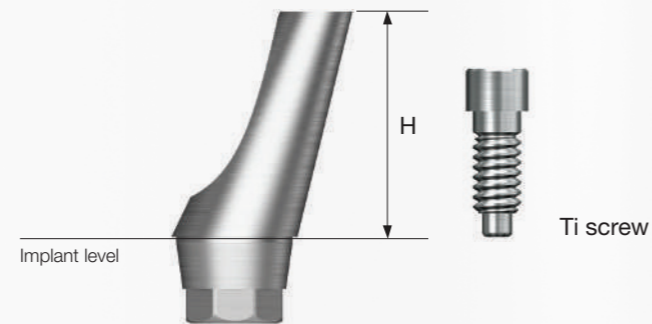
SSTAN600



SSTAN602

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 : SSA4815**TH**)

OSSTEM[®]
IMPLANT

P Ø4.8



Ti screw
: ASS200

H	Angle Type	15° Octa	20°	15° Non-Octa	20°
6.7					
		SSA4815	SSA4820	SSA4815N	SSA4820N

P Ø6.0

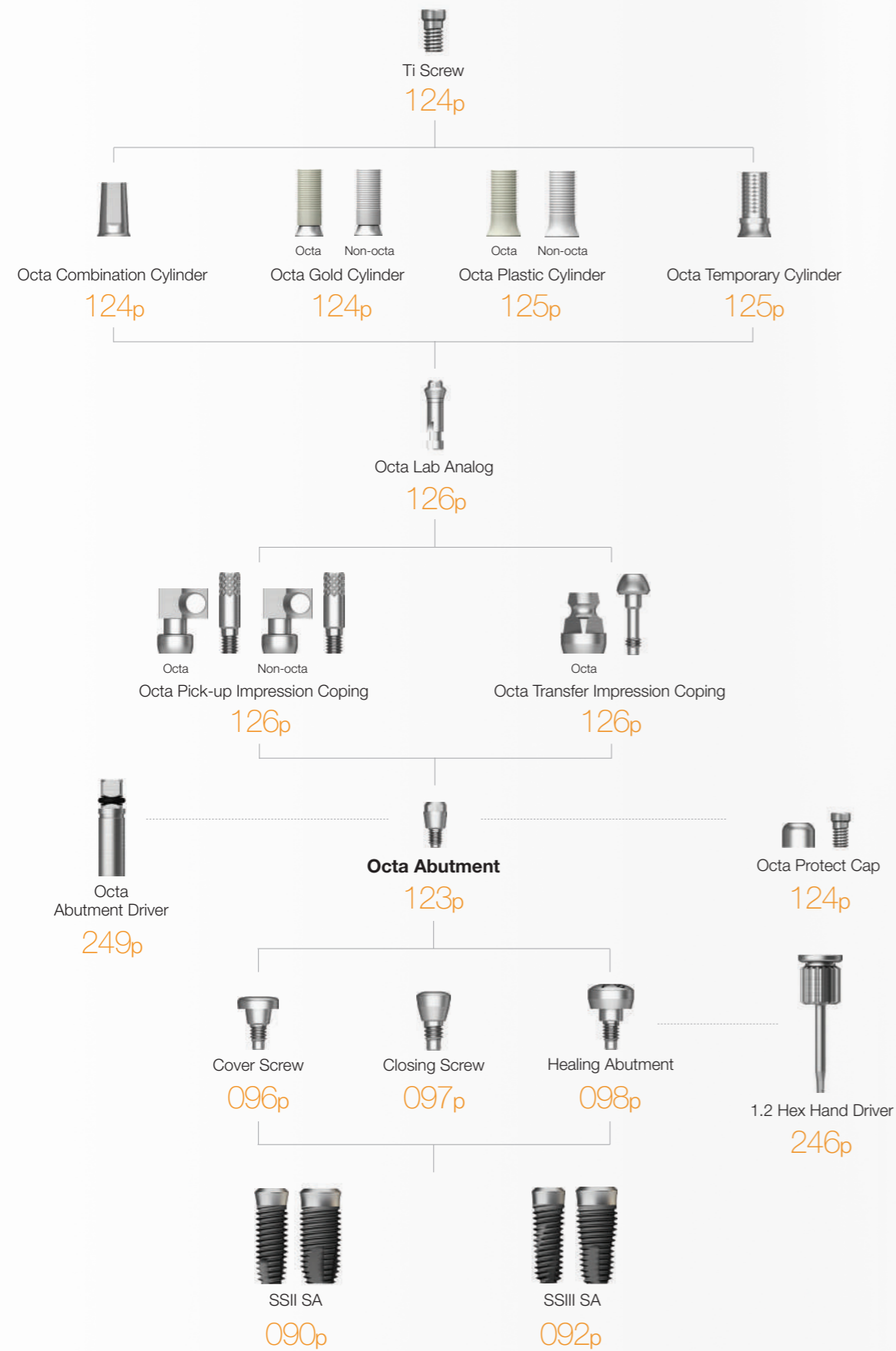


Ti screw
: ASS200

H	Angle Type	15° Octa	20°	15° Non-Octa	20°
5.5					
		SSA6015	SSA6020	SSA6015N	SSA6020N

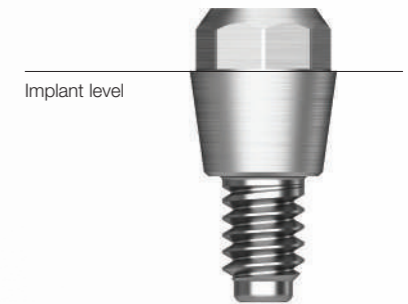
Octa

Abutment Level Impression



Octa Abutment

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



P Ø4.8



SSOA480

P Ø6.0



SSOA600

Octa Abutment Components

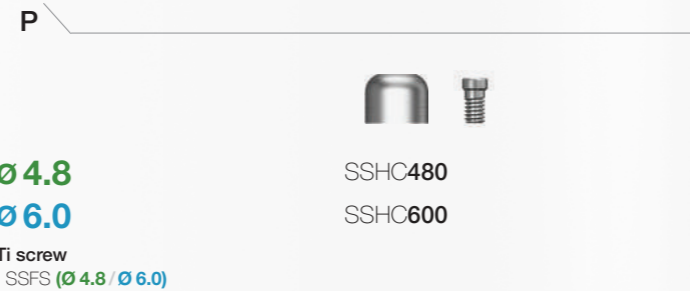
Octa Protect Cap

- 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 : SSHC480**TH**)

R Regular

W Wide



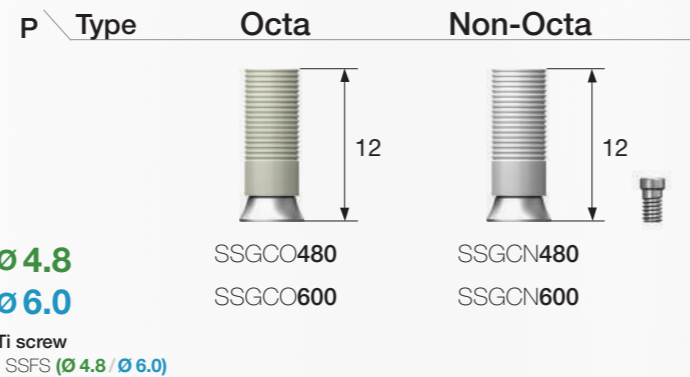
Octa Gold Cylinder

- 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 : SSGCO480**TH**)

R Regular

W Wide



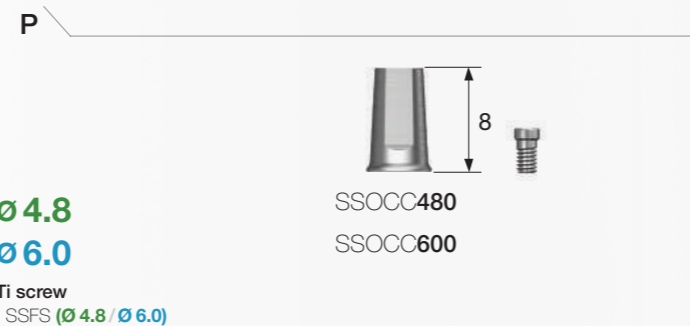
Octa Combination Cylinder

- 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 : SSOCC480**TH**)

R Regular

W Wide



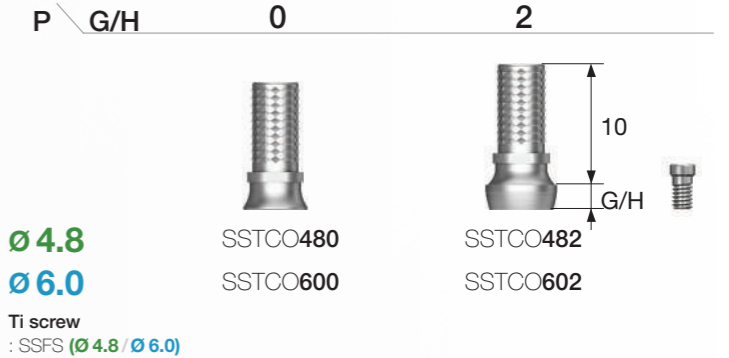
Octa Temporary Cylinder

- 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 : SSTCO480**TH**)

R Regular

W Wide



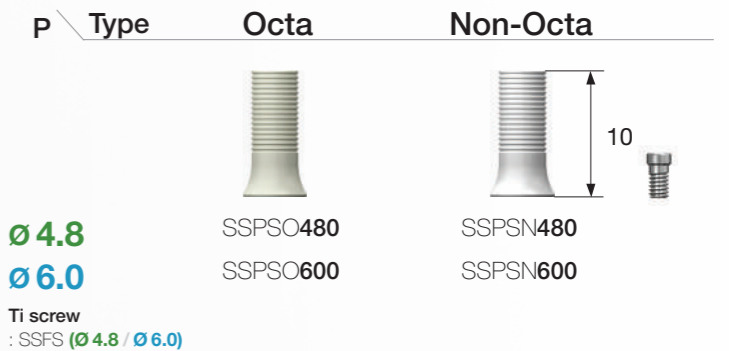
Octa Plastic Cylinder

- 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 : SSPSO480**TH**)

R Regular

W Wide



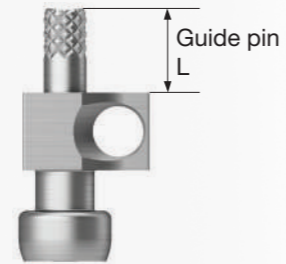
Octa Abutment Components

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(*)

R Regular (Green)

W Wide (Blue)



P \ L	Octa		Non-Octa		Guide Pin	
					0	5.0
	SSICO480 SSICO600		SSICN480 SSICN600		SSGS100	SSGS150*

Ø4.8
Ø6.0

SSICO480
SSICO600

SSICN480
SSICN600

SSGS100

SSGS150*

OSSTEM[®]
IMPLANT

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

R Regular (Green)

W Wide (Blue)

P	
	SSOTI480 SSOTI600

Ø4.8
Ø6.0

SSOTI480
SSOTI600

Octa Lab Analog

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

R Regular (Green)

W Wide (Blue)

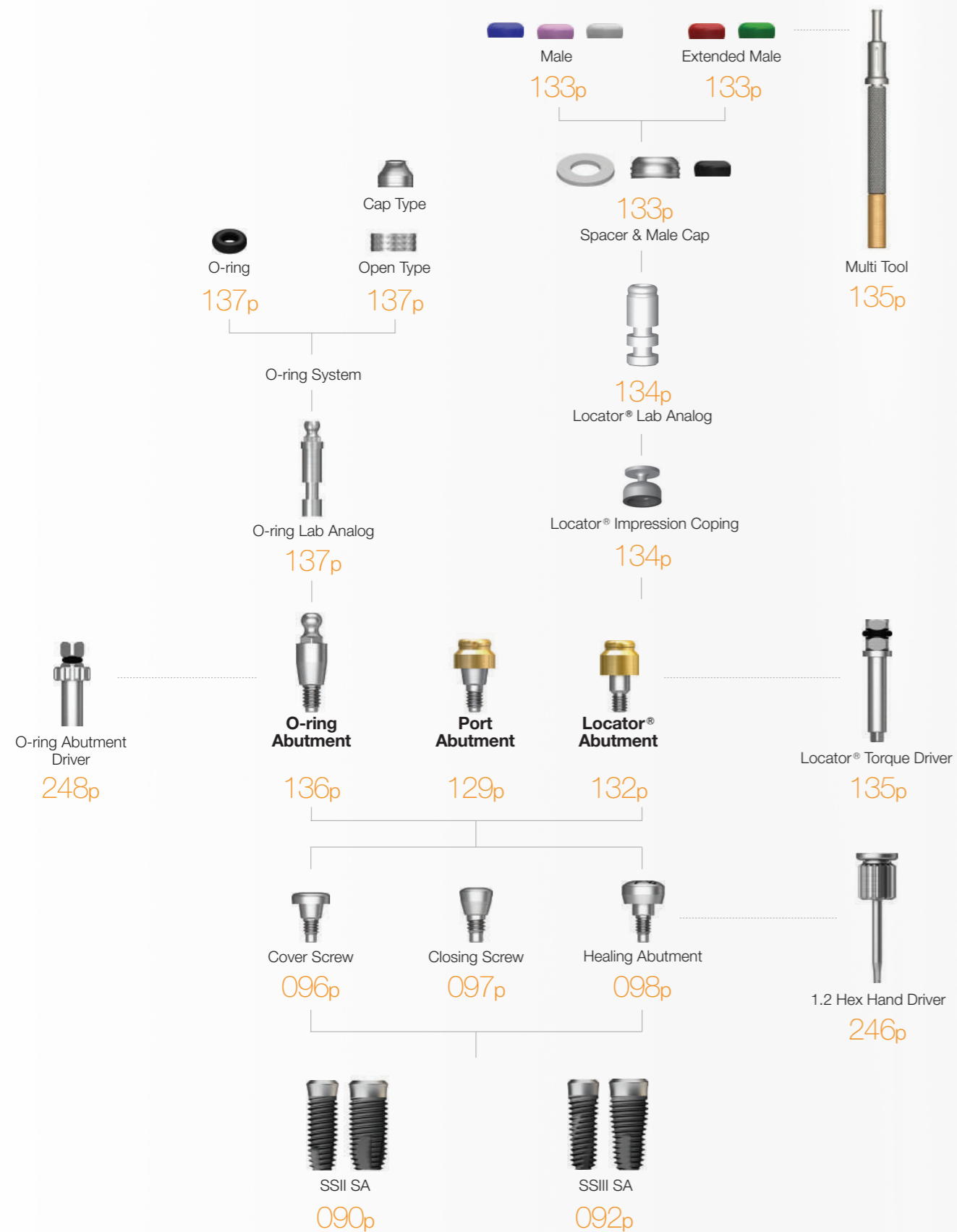
P	
	SSLA480 SSLA600

Ø4.8
Ø6.0

SSLA480
SSLA600

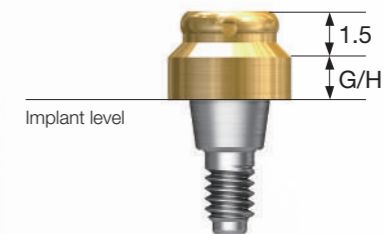
Port / Locator® / O-ring

Overdenture



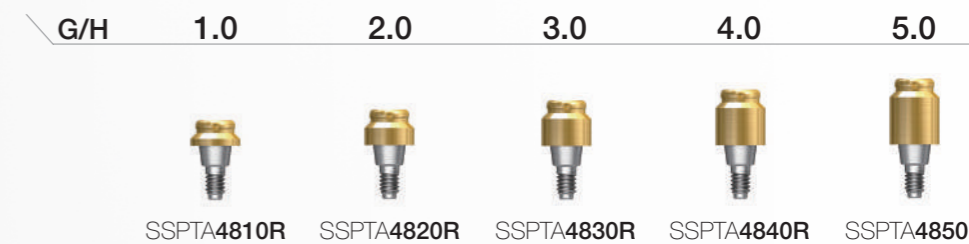
Port Abutment

- 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 Ø4.8

R



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

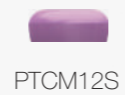


Port Replacement Male

- 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

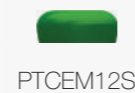


Port Extended Replacement Male

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



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



Port Black Processing Male

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



Port Male Cap

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



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



Port Impression Coping

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



Port Lab Analog

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



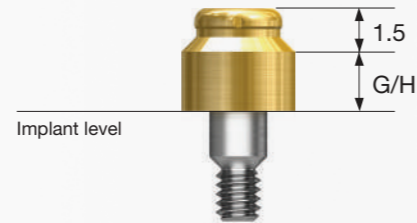
Port Multi Tool

- 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



Locator® Abutment

- Locator Abutment for SS abutment of Zest Dental Solutions
- 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 Ø4.8

R



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
- Placement angle compensated up to 20°
- Packing unit : 4ea

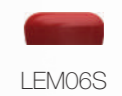
- Retention force : Approx. 22N
- Placement angle compensated up to 20°
- Packing unit : 4ea



Locator® Extended Replacement Male

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

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



Locator® Abutment Components

Locator® Black Processing Male

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



LBPS

Locator® 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



LBSS

Locator® Impression Coping

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



LICS

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



LCCT

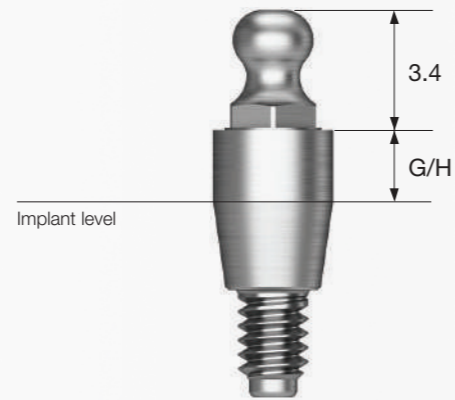
Locator® Torque Driver

- Torque driver for Locator Abutment

Type	Short	Long
	TWLDSK	TWLDLK

O-ring Abutment

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



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



O-ring Set

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





O-ring Lab Analog

- Lab analog for O-ring Abutment



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

H \ D	Ø2.20	Ø2.35	Ø2.65
Type		Long	
			
50	TSSE2250S	TSSE2350S	SSSE2650S

OSSTEM[®]
IMPLANT



MS SYSTEM

OSSTEM[®]
IMPLANT

142 MS Implant **Narrow Ridge**

144 MS Implant **Denture**

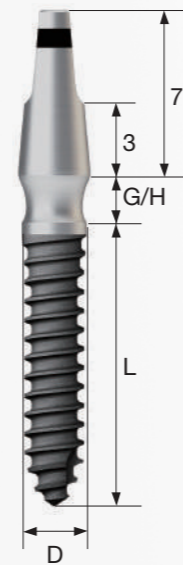
146 MS Implant **Provisional**

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
- Optimized abutment shape and size for prosthesis without removal
- Recommended placement torque : $\leq 30\text{Ncm}$



D \varnothing	G/H \ L	L			
		8.5	10	11.5	13
D \varnothing 2.0					
	2.5	MSN2008S25	MSN2010S25	MSN2011S25	MSN2013S25
	4.0	MSN2008S40	MSN2010S40	MSN2011S40	MSN2013S40
D \varnothing 2.5					
	2.5	MSN2508S25	MSN2510S25	MSN2511S25	MSN2513S25
	4.0	MSN2508S40	MSN2510S40	MSN2511S40	MSN2513S40
D \varnothing 3.0					
	2.5	MSN3008S25	MSN3010S25	MSN3011S25	MSN3013S25
	4.0	MSN3008S40	MSN3010S40	MSN3011S40	MSN3013S40

MS Implant Narrow Ridge Components

Impression Coping (Narrow Ridge)

- For use in precision impression taking



MSPIC

Temporary Cap

- For use in fabrication of temporary prosthesis



MSPTC

Lab Analog

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



MSPLA

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

Type **Single** **Bridge**



MSPBCS

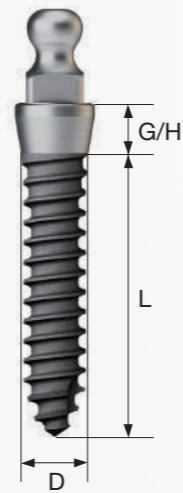


MSPBCB

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 : $\leq 30\text{Ncm}$



D	G/H \ L	8.5	10	11.5	13
2.0		MSD2008S20	MSD2010S20	MSD2011S20	MSD2013S20
	4.0	MSD2008S40	MSD2010S40	MSD2011S40	MSD2013S40
2.5	G/H \ L	8.5	10	11.5	13
2.0		MSD2508S20	MSD2510S20	MSD2511S20	MSD2513S20
	4.0	MSD2508S40	MSD2510S40	MSD2511S40	MSD2513S40
3.0	G/H \ L	8.5	10	11.5	13
2.0		MSD3008S20	MSD3010S20	MSD3011S20	MSD3013S20
	4.0	MSD3008S40	MSD3010S40	MSD3011S40	MSD3013S40

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



OAON01S

O-ring Lab Analog (Denture)

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

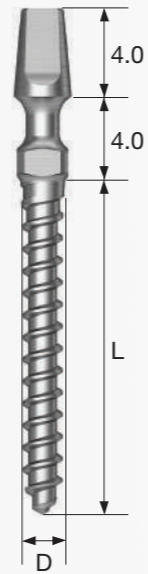


MSDLA

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 : $\leq 30\text{Ncm}$



D Ø1.8



D Ø2.5



MS Implant Provisional Components

Provisional Cap

- For use in fabrication of temporary prosthesis (titanium)



MSTPC

Lab Analog

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



MSTLA

Applicable Products

MS

Bottom panel components

Depth Gauge
MSDG



Ratchet Wrench
CITQW-1185A



OSMSD18S
OSMSD18L
Twist Drill
(Ø1.8)

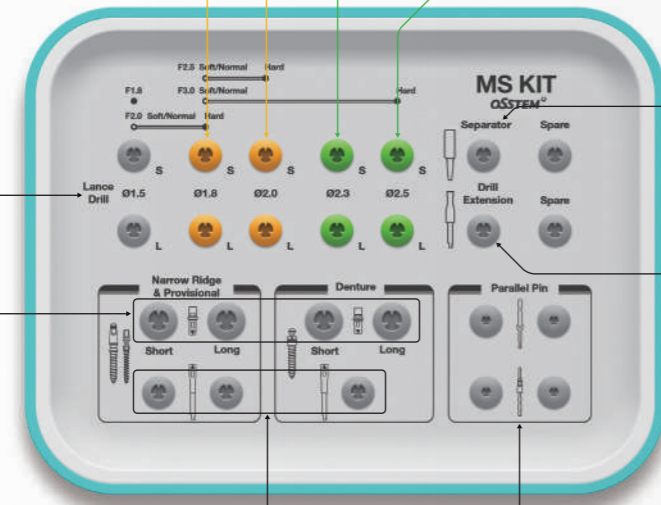
OSMSD20S
OSMSD20L
Twist Drill
(Ø2.0)

OSMSD23S
OSMSD23L
Twist Drill
(Ø2.3)

OSMSD25S
OSMSD25L
Twist Drill
(Ø2.5)

Lance Drill
OSLD15
OMSLD15L

Torque driver
MSPTL
MSDTS



Driver Separator
MSDS

Drill Extension
ODE

Machine Driver
MSPML
MSDMS

Parallel Pin
MSPP
MSPPN

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

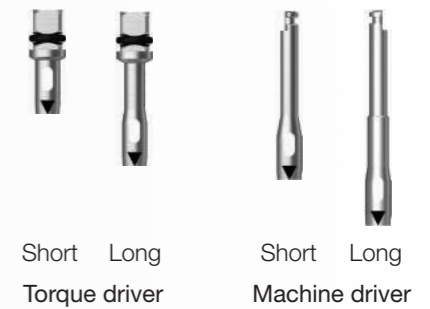
L \ D	Ø1.5
35	OSLD15
38 (Long)	OMSLD15L

Twist Drill

L \ D	Ø1.8	Ø2.0	Ø2.3	Ø2.5
Short (33)	OSMSD18S	OSMSD20S	OSMSD23S	OSMSD25S
Long (41)	OSMSD18L	OSMSD20L	OSMSD23L	OSMSD25L

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

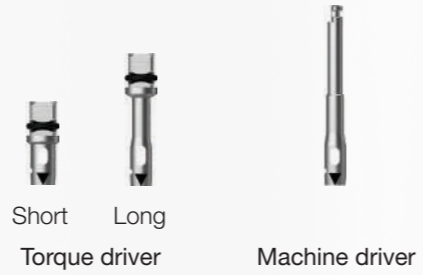
L \ D	Ø3.4
Short (14.5)	MSPTS
Long (21.5)	MSPTL

Machine Driver

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

Driver for Denture Type

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



Short Long
Torque driver Machine driver

Torque Driver

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

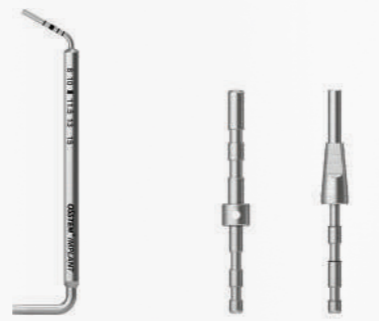
Machine Driver

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
 - ※ MS Narrow Ridge type cannot be bent
- 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



MSTH

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
- For Ø 2.0, use orthodontic screw removal tool (code: OSRT20E)
- ※ Disposable. Do not reuse

D (Implant to be removed)	Ø2.5	Ø3.0
	OMRT25E	OMRT30E

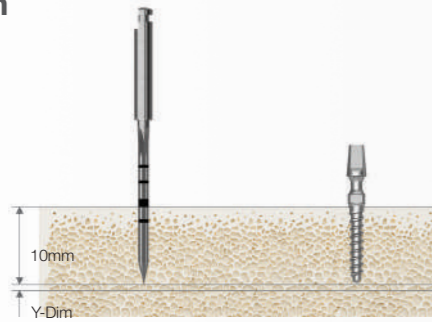


Drilling Sequence **MS Drill**

Narrow Ridge | Denture | Provisional

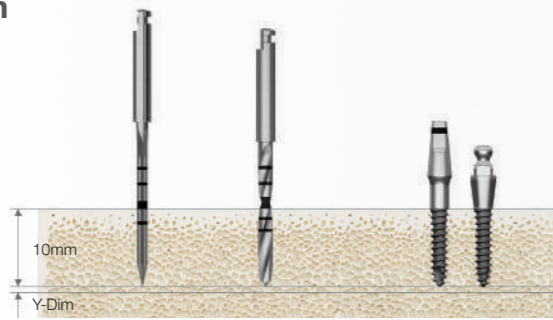
(Length : 10mm)

Ø1.8mm



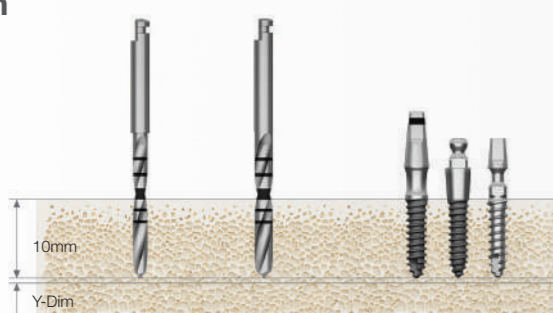
Bone Quality	Lance Drill	Ø1.8 Implant
Soft	▶	Implant Placement
Normal	▶	
Hard	▶	

Ø2.0mm



Bone Quality	Lance Drill	Drill (Ø1.8)	Ø2.0 Implant
Soft	▶		Implant Placement
Normal	▶		
Hard	▶	▶	

Ø2.5mm



Bone Quality	Drill (Ø1.8)	Drill (Ø2.0)	Ø2.5 Implant
Soft	▶		Implant Placement
Normal	▶		
Hard		▶	

Ø3.0mm



Bone Quality	Drill (Ø1.8)	Drill (Ø2.5)	Ø3.0 Implant
Soft	▶		Implant Placement
Normal	▶		
Hard		▶	

OSSTEM[®]
IMPLANT

ORTHODONTICS SYSTEM

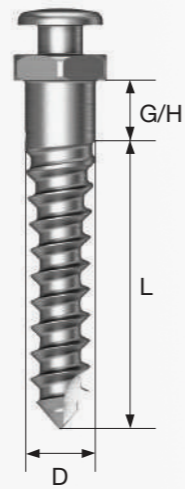
156 OrthAnchor Simple Head
158 OrthAnchor Through Hole
160 OrthAnchor Small Head
161 OrthAnchor Bracket Head
162 OrthAnchor Simple Head Half Etched
164 OrthAnchor Through Hole Half Etched

166 Ortho KIT
170 ORP KIT

OrthAnchor Simple Head

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 Ø1.2

G/H \ L	6	8	10
1.5	OSSH1206	OSSH1208	-

D Ø1.4

G/H \ L	6	8	10
1.5	OSSH1406	OSSH1408	-

D Ø1.6

G/H \ L	6	8	10
1.5	OSSH1606	OSSH1608	OSSH1610
4.0	OSSH16064	-	-

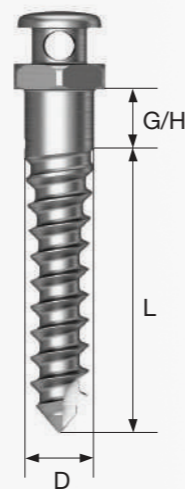
D Ø1.8

G/H \ L	6	8	10
1.5	OSSH1806	OSSH1808	OSSH1810
4.0	OSSH18064	-	-

OrthAnchor Through Hole

Through Hole

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



D \varnothing 1.2

G/H \ L	6	8	10
1.5	OSTH1206	OSTH1208	-

D \varnothing 1.4

G/H \ L	6	8	10
1.5	OSTH1406	OSTH1408	-

D \varnothing 1.6

G/H \ L	6	8	10
1.5	OSTH1606	OSTH1608	OSTH1610
4.0	OSTH16064	-	-

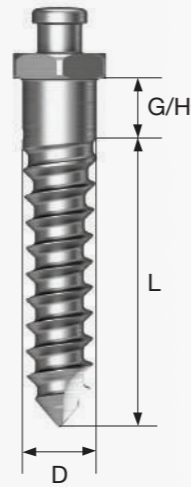
D \varnothing 1.8

G/H \ L	6	8	10
1.5	OSTH1806	OSTH1808	OSTH1810
4.0	OSTH18064	-	-

OrthAnchor Small Head

Small Head

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

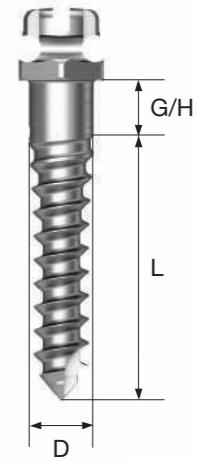


D \varnothing 1.4	G/H \ L		6	8	10
	1.5		OSSH1406	OSSH1408	-
D \varnothing 1.6	G/H \ L		6	8	10
	1.5		OSSH1606	OSSH1608	OSSH1610
D \varnothing 1.8	G/H \ L		6	8	10
	1.5		OSSH1806	OSSH1808	OSSH1810

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(\varnothing 2.5), power chain, elastic band

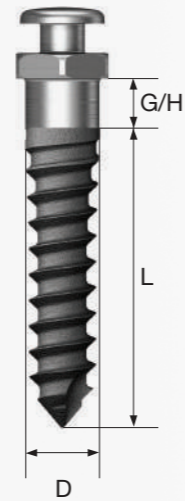


D \varnothing 1.4	G/H \ L		6	8	10
	1.5		OSBH1406	OSBH1408	-
D \varnothing 1.6	G/H \ L		6	8	10
	1.5		OSBH1606	OSBH1608	OSBH1610
D \varnothing 1.8	G/H \ L		6	8	10
	1.5		OSBH1806	OSBH1808	OSBH1810

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 Ø1.2

G/H \ L	6	8	10
1.5	OSSH1206HE	OSSH1208HE	-

D Ø1.4

G/H \ L	6	8	10
1.5	OSSH1406HE	OSSH1408HE	-

D Ø1.6

G/H \ L	6	8	10
1.5	OSSH1606HE	OSSH1608HE	OSSH1610HE

D Ø1.8

G/H \ L	6	8	10
1.5	OSSH1806HE	OSSH1808HE	OSSH1810HE

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 Ø1.2

G/H \ L	6	8	10
1.5	OSTH1206HE	OSTH1208HE	-

D Ø1.4

G/H \ L	6	8	10
1.5	OSTH1406HE	OSTH1408HE	-

D Ø1.6

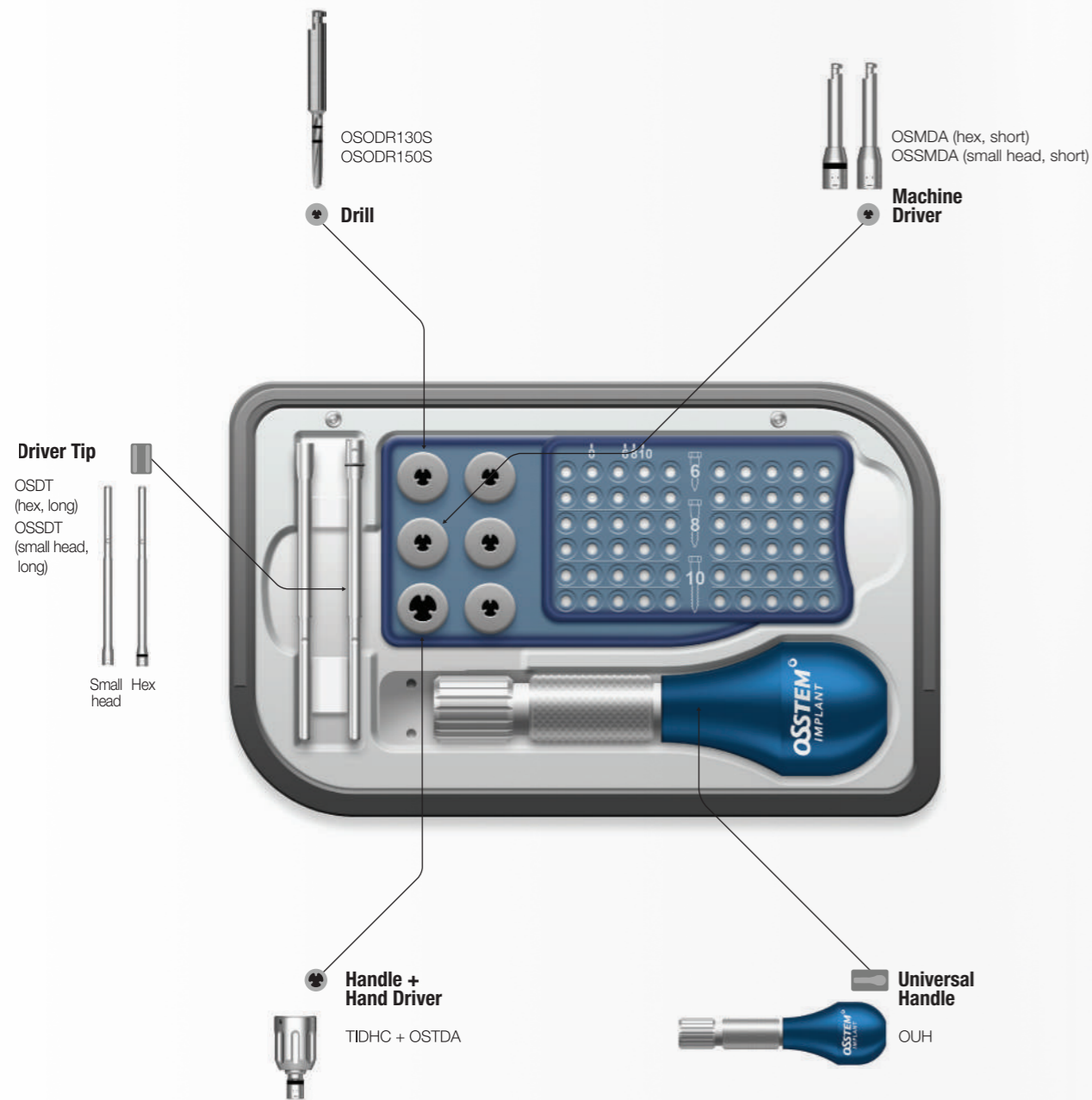
G/H \ L	6	8	10
1.5	OSTH1606HE	OSTH1608HE	OSTH1610HE

D Ø1.8

G/H \ L	6	8	10
1.5	OSTH1806HE	OSTH1808HE	OSTH1810HE

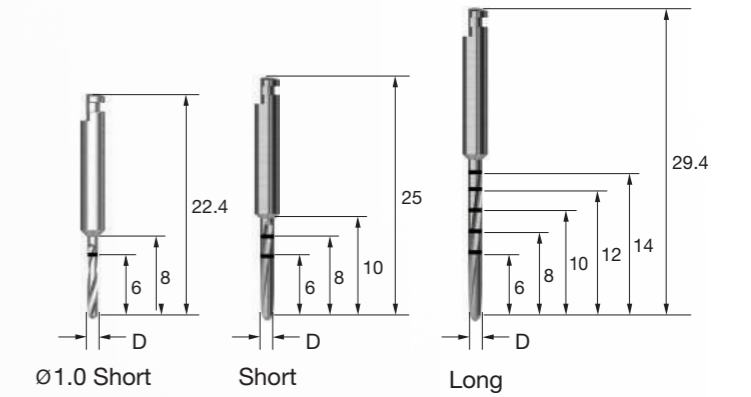
Applicable Products

OS



Drill

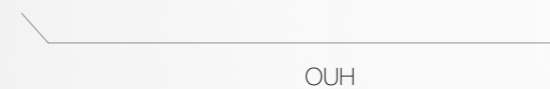
- Connected to a handpiece (engine) for use
- Ø1.0 drill : For a procedure with Ø1.2/1.4 screw
- Ø1.3 drill : For a procedure with Ø1.6 screw
- Ø1.5 drill : For a procedure with Ø1.8 screw
- Recommended drilling speed: 800rpm (high speed)
- Implantation recommended after removing cortical bone only (Drilling 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 \ D	Ø1.0	Ø1.3	Ø1.5
Short	OSODR100S	OSODR130S	OSODR150S
Long	-	OSODR130C	OSODR150C

Universal Handle

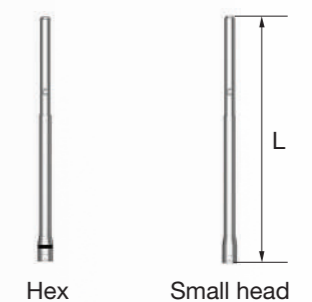
- Used after connecting to the driver tip, easy procedure with anti-slip handle
- Easy procedure with anti-slip handle



Driver Tip

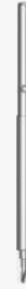
- Connected to a universal handle for OrthAnchor procedure
- Available type: a general hex driver and a small head driver

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



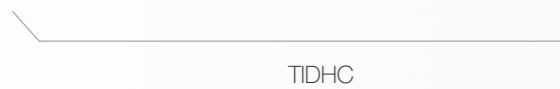
Hand Drill

- 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



Driver Handle

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



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)

Type	Hex	Small Head
	OSTDA	OSSTDA



Hex



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)

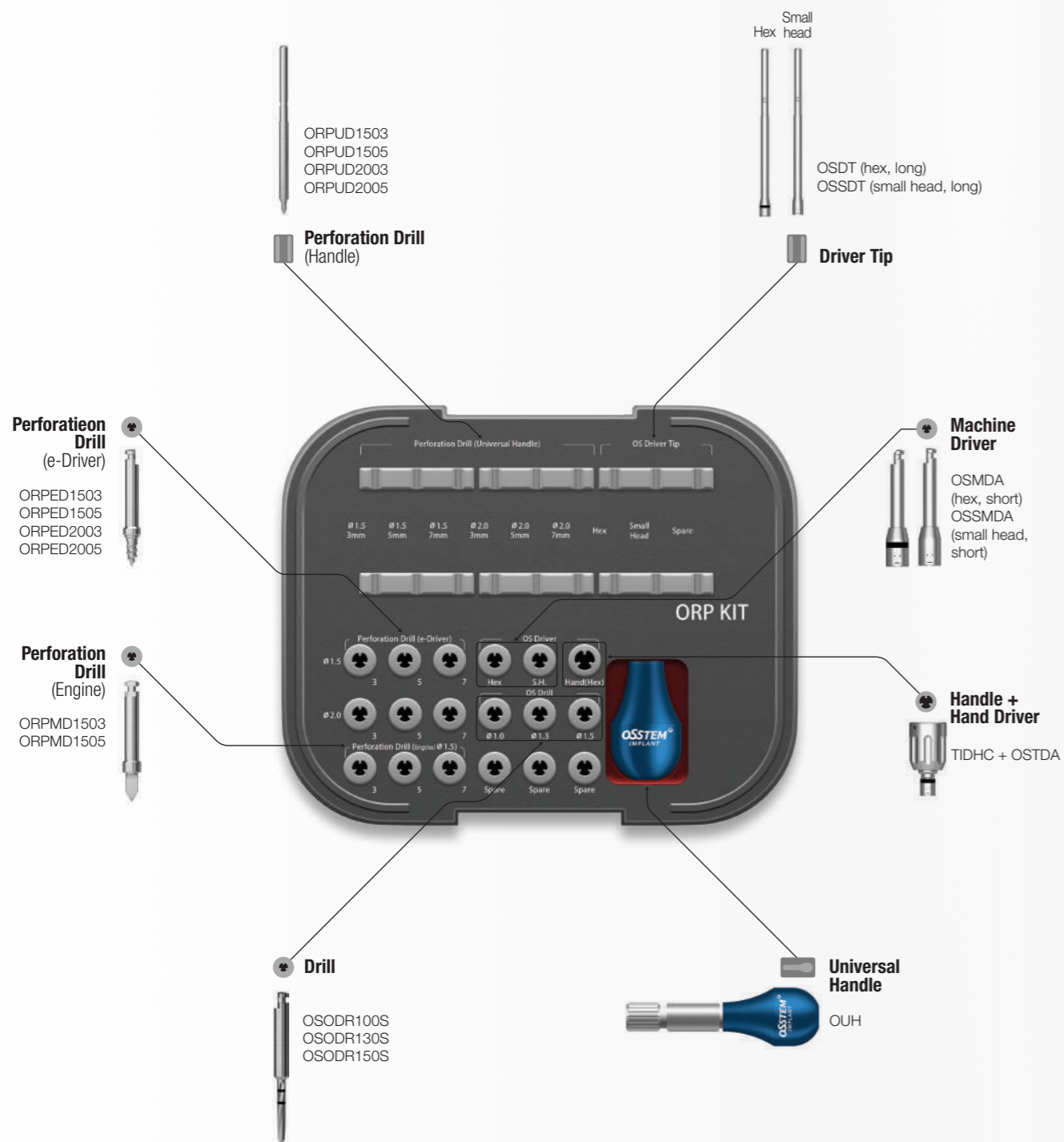


Hex



Small head

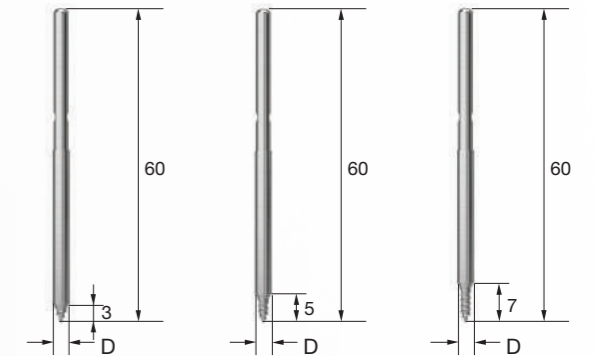
ORP KIT (ORPK)



ORP KIT Surgical Instruments

Perforation Drill (Handle)

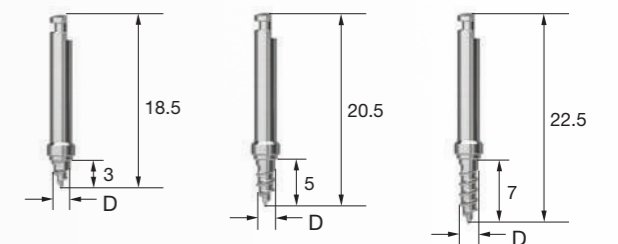
- Connected to a universal handle for MOP procedure
- Used for easy-to-access areas
- Ø1.5 : Anterior region / Ø2.0 : Posterior region and areas with wide interdendum
- ※ MOP : micro-osteoperforation



L \ D	Ø1.5	Ø2.0
3.0	ORPUD1503	ORPUD2003
5.0	ORPUD1505	ORPUD2005
7.0	ORPUD1507	ORPUD2007

Perforation Drill (e-Driver)

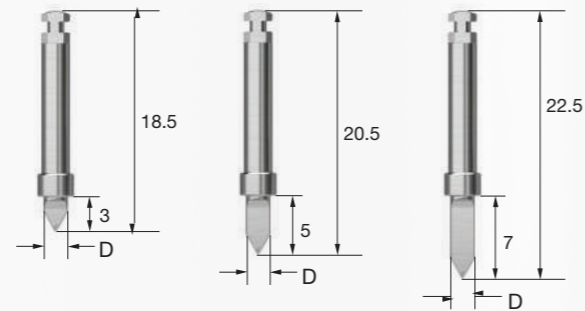
- Connected to handpiece (engine) for MOP procedure
- Used for difficult-to-access areas with a hand drill such as palatal region
- Recommended tightening torque: 25Ncm
- Recommended drilling speed: 30-60rpm



L \ D	Ø1.5	Ø2.0
3.0	ORPED1503	ORPED2003
5.0	ORPED1505	ORPED2005
7.0	ORPED1507	ORPED2007

Perforation Drill (Engine)

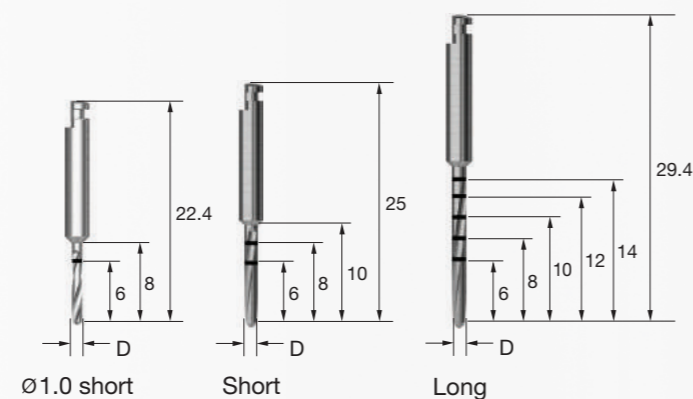
- Connected to handpiece (engine) for MOP procedure (e-Driver cannot be used)
- Allows fast procedure for hard bone or difficult-to-access areas with a handle drill
- Recommended drilling speed: 1200rpm



L \ D	Ø1.5	Ø2.0
3.0	ORPMD1503	ORPMD2003
5.0	ORPMD1505	ORPMD2005
7.0	ORPMD1507	ORPMD2007

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)



L \ D	Ø1.0	Ø1.3	Ø1.5
Short	OSODR100S	OSODR130S	OSODR150S
Long	-	OSODR130C	OSODR150C

Universal Handle

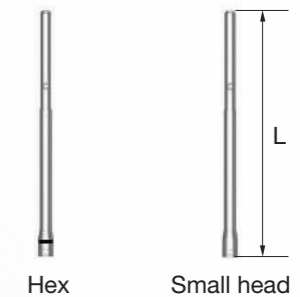
- Used for MOP procedure by connecting Perforation Drill (Handle)
- Screw implantation is available by connecting a dedicated driver tip



Driver Tip

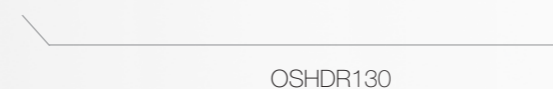
- Used for OrthAnchor procedure by connecting Universal Handle
- Available type: a general hex driver and a small head driver

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)
- ※ Maintain the drilling direction so as not to exert bending load while using

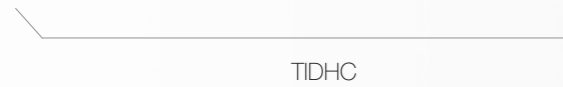


OSHDR130

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)

Type	Hex	Small Head
	OSTDA	OSSTDA



Hex



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)



Hex



Small head

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
	OSRT12H	OSRT14H	OSRT16H	OSRT18H	OSRT20H

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
- ※ Disposable. Do not reuse



D (Removal Screw)	Ø1.2	Ø1.4	Ø1.6	Ø1.8	Ø2.0
	OSRT12E	OSRT14E	OSRT16E	OSRT18E	OSRT20E

OSSTEM[®]
IMPLANT



SURGICAL KIT

- | | | | |
|------------|----------------------------|------------|---------------------------------|
| 178 | 122 Taper KIT | 275 | SmartGuide KIT |
| 179 | 122 Taper Full KIT | 278 | ESSET KIT |
| 186 | Taper KIT | 282 | IM-Cure KIT |
| 187 | Taper Ultra KIT | 286 | ESR KIT |
| 194 | 123 Straight Simple KIT | 287 | ESR Full KIT |
| 195 | 123 Straight KIT | 296 | EFR KIT |
| 196 | 123 Straight Full KIT | 297 | EFR Full KIT |
| 204 | Ultra KIT | 302 | Dr.Cho's Instrument KIT |
| 216 | 485 KIT | 303 | Osstem Basic Instrument KIT |
| 220 | Assist KIT | 306 | Custom KIT |
| 222 | Surgical Instrument | 307 | Healing Case |
| 244 | Prosthetic Simple KIT | 308 | Osteo KIT |
| 245 | Prosthetic KIT | 309 | Osteotome KIT |
| 254 | CAS KIT | 310 | Sinus KIT |
| 260 | LAS KIT | 311 | Bone Spreader KIT |
| 261 | LAS Full KIT | 312 | Ridge Split KIT Straight |
| 264 | Denture 4U KIT | 313 | Ridge Split KIT Offset |
| 270 | Positioning Guide KIT | | |
| 271 | Positioning Guide Full KIT | | |

122 Taper KIT (O122TPK)

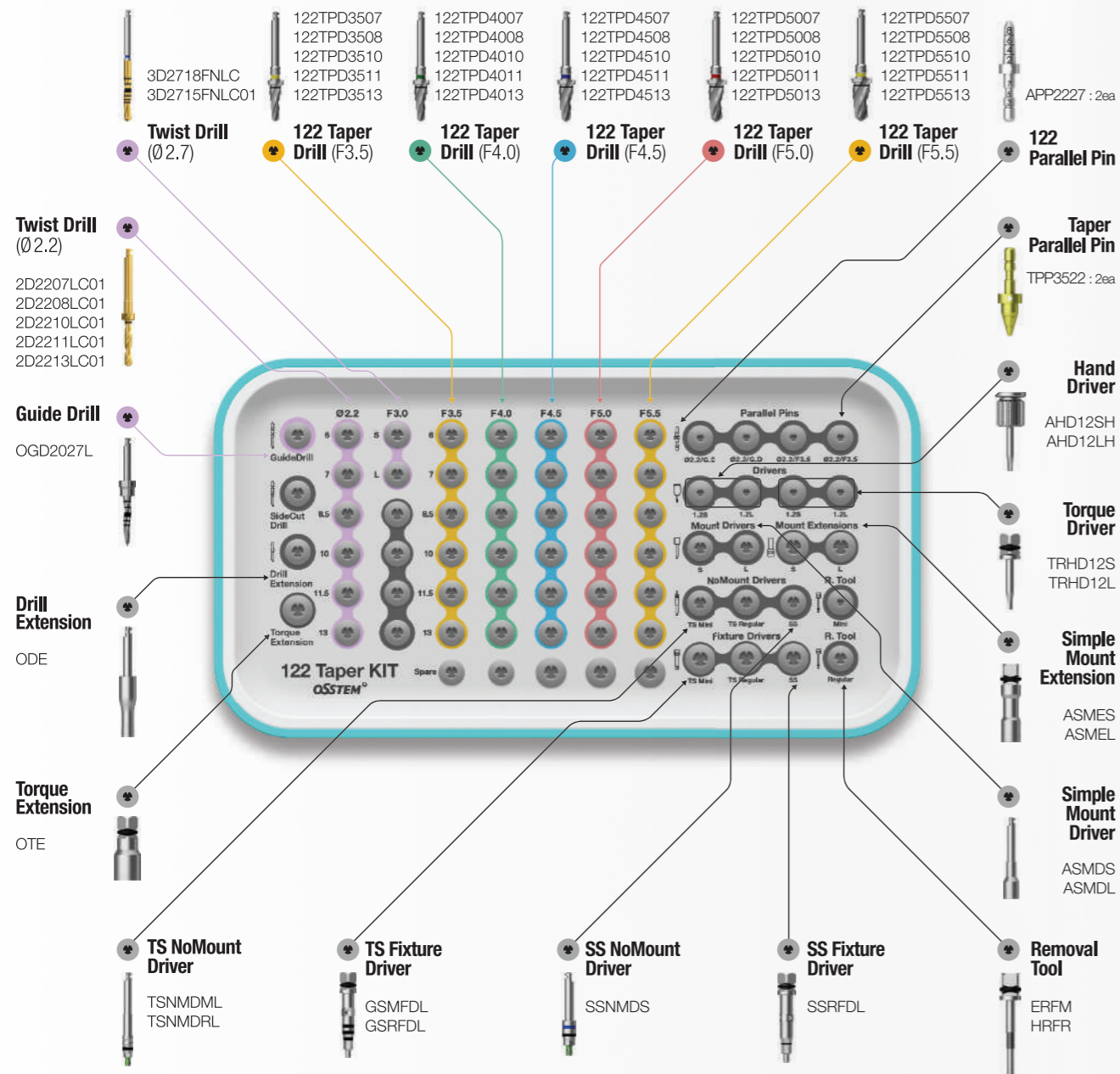
Applicable Products **TSIII / IV** **SSIII**

Top panel components

Torque Wrench
TW30B



Depth Gauge
OSDG



122 Taper Full KIT (O122TPFK)

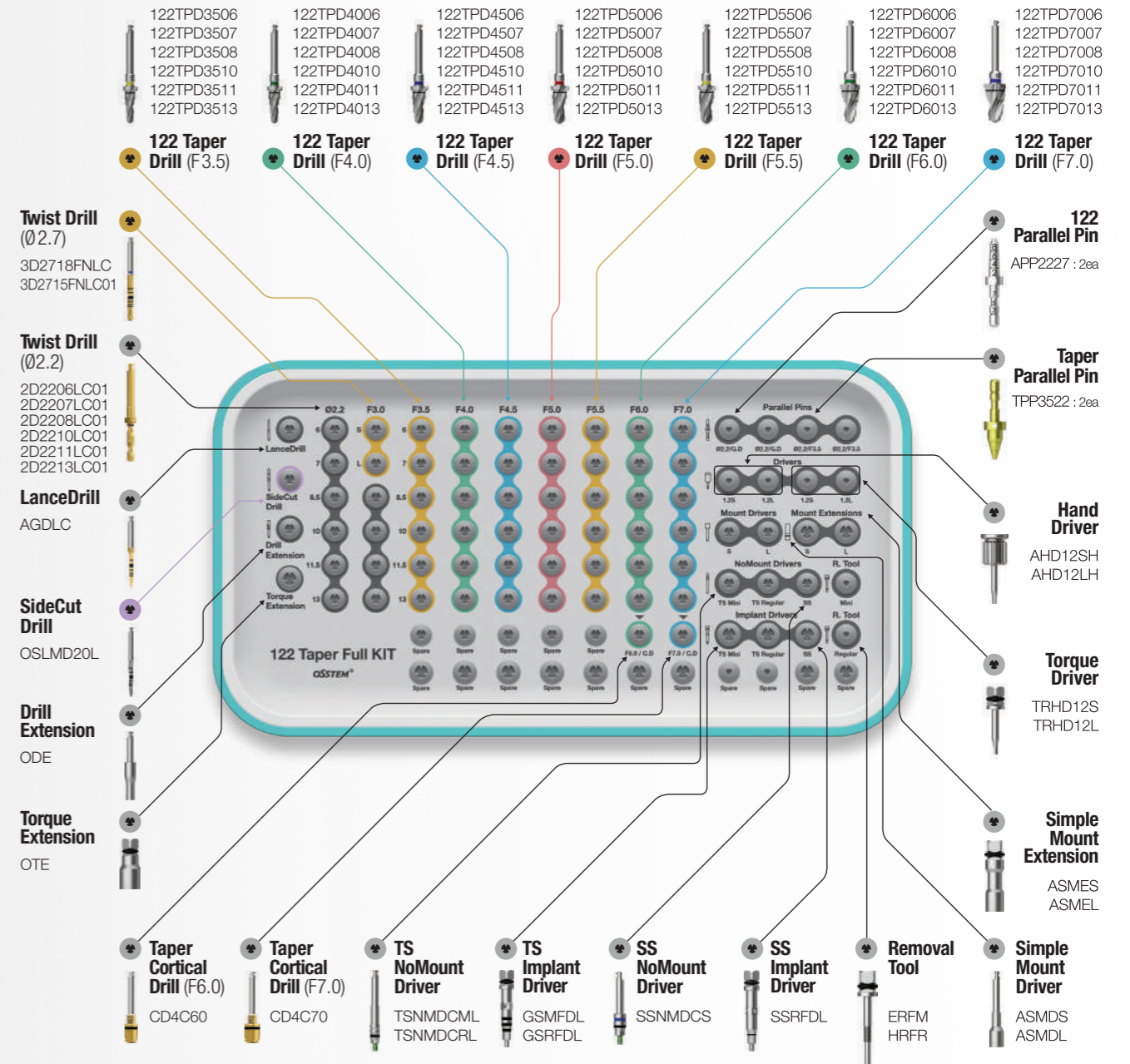
Applicable Products **TSIII / IV** **SSIII** **III / IV Ultra-wide**

Top panel components

Torque Wrench
TW30B



Depth Gauge
OSDG



• More details on KIT components can be found in Surgical Instruments(222p~242p)

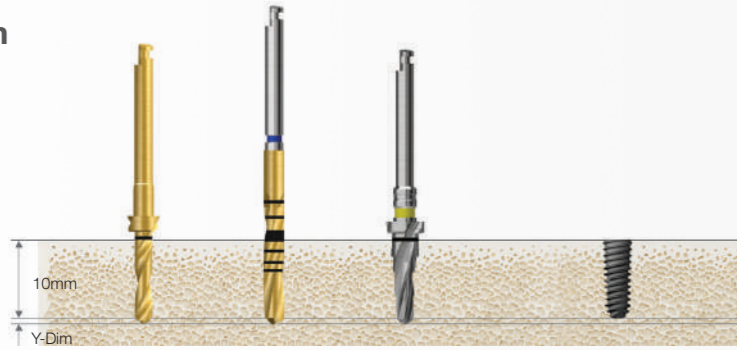
• More details on KIT components can be found in Surgical Instruments(222p~242p)

Drilling Sequence 122 Taper Drill

TSIII | SSIII

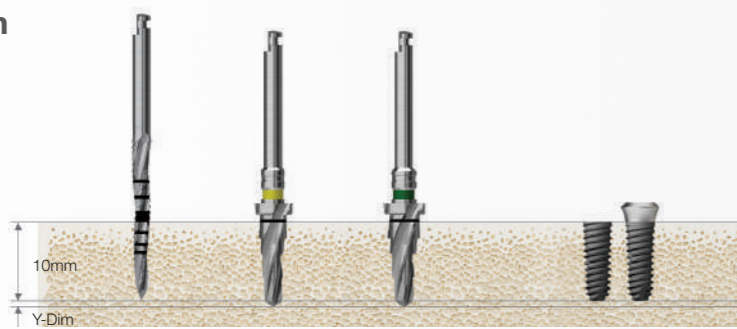
(Length : 10mm)

Ø3.0mm



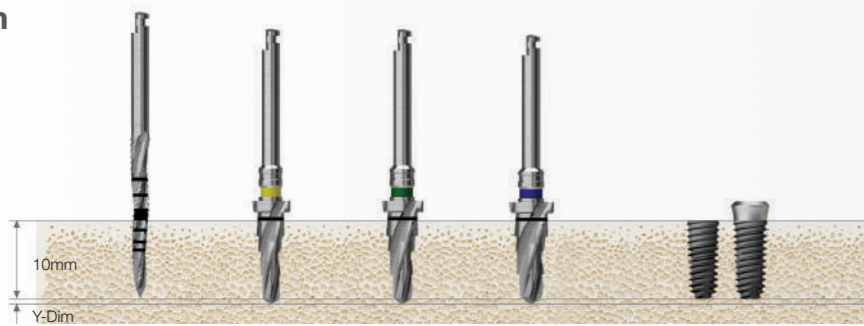
Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø2.7)	122Taper Drill (F3.5)	Ø3.0 Implant
Soft	▶			
Normal	▶	▶		Implant Placement
Hard	▶		▶	

Ø3.5mm



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

Ø4.0mm



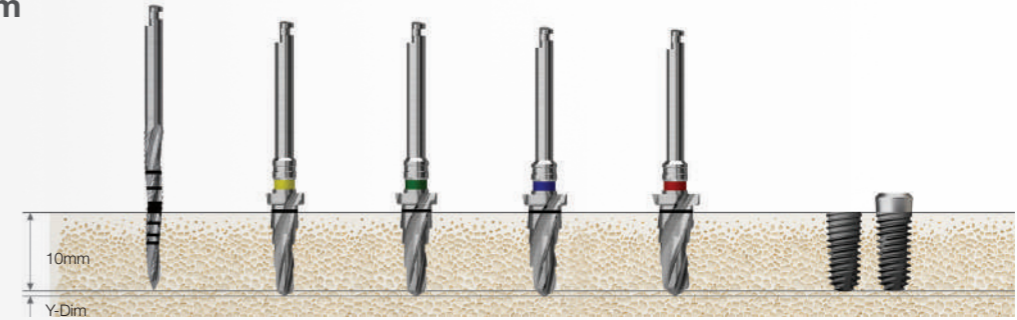
Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F4.0)	122Taper Drill (F4.5)	Ø4.0 Implant
Soft	▶	▶			
Normal	▶	▶	▶		Implant Placement
Hard	▶	▶		▶	

F5.5 taper cortical drill marking line : Bottom line for placing 6mm or smaller implants, midline for 7mm implants, and top line for 8,5mm or greater implants

Recommended placement torque ≤ 40Ncm

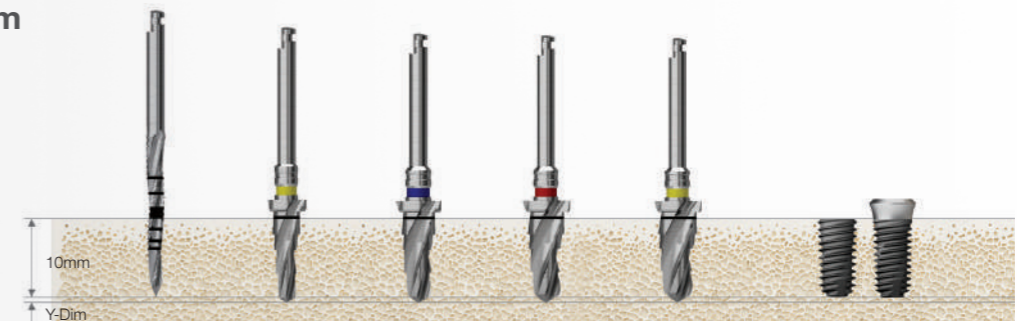
TS implant placement depth : For normal bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability

Ø4.5mm



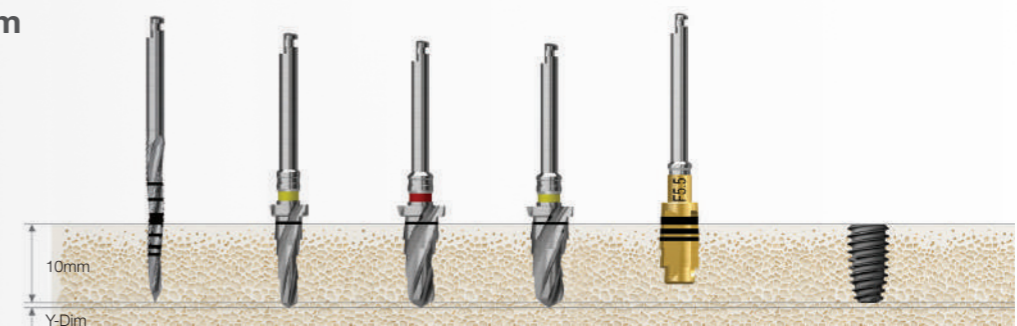
Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F4.0)	122Taper Drill (F4.5)	122Taper Drill (F5.0)	Ø4.5 Implant
Soft	▶			▶		
Normal	▶	▶		▶		Implant Placement
Hard	▶	▶			▶	

Ø5.0mm



Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F4.5)	122Taper Drill (F5.0)	122Taper Drill (F5.5)	Ø5.0 Implant
Soft	▶			▶		
Normal	▶	▶		▶		Implant Placement
Hard	▶	▶			▶	

Ø5.5mm



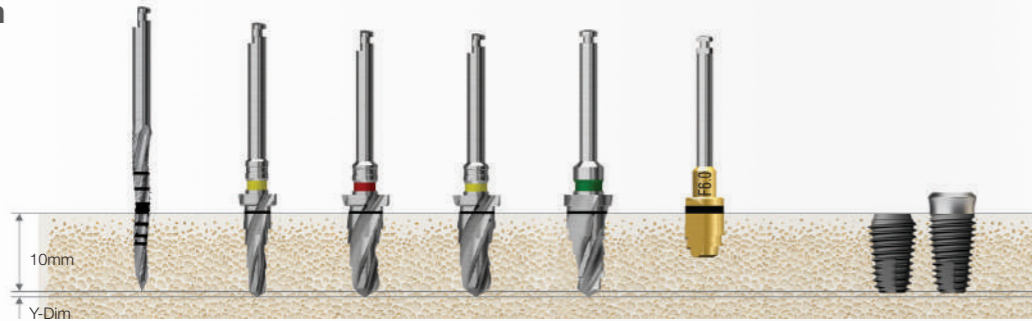
Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F5.0)	122Taper Drill (F5.5)	Taper Cortical Drill (F5.5)	Ø5.5 Implant
Soft	▶			▶		
Normal	▶	▶		▶		Implant Placement
Hard	▶	▶			▶	

Drilling Sequence **122 Taper Drill**

TSIII Ultra-wide | SSIII Ultra-wide

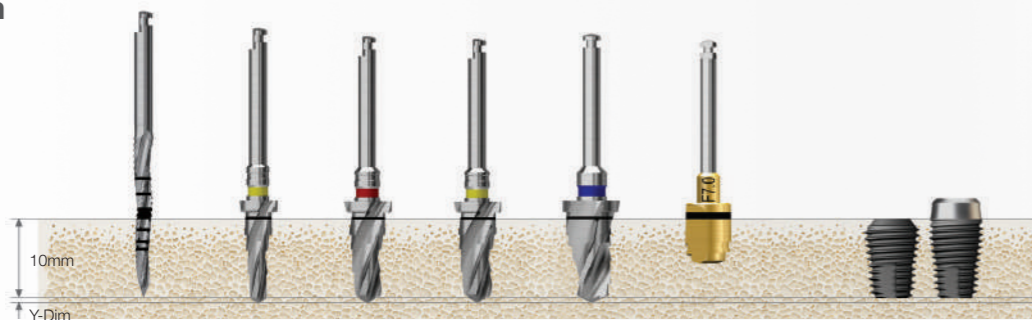
(Length : 10mm)

Ø6.0mm



Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F5.0)	122Taper Drill (F5.5)	122Taper Drill (F6.0)	Taper Cortical Drill (F6.0)	Ø6.0 Implant
Soft	▶		▶	▶			Implant Placement
Normal	▶	▶	▶		▶		
Hard	▶	▶	▶		▶	▶	

Ø7.0mm



Bone Quality	Sidecut Drill	122Taper Drill (F3.5)	122Taper Drill (F5.0)	122Taper Drill (F6.0)	122Taper Drill (F7.0)	Taper Cortical Drill (F7.0)	Ø7.0 Implant
Soft	▶		▶	▶			Implant Placement
Normal	▶	▶	▶		▶		
Hard	▶	▶	▶		▶	▶	

F5.5 taper cortical drill marking line : Bottom line for placing 6mm or smaller implants, midline for 7mm implants, and top line for 8,5mm or greater implants

Recommended placement torque ≤ 40Ncm

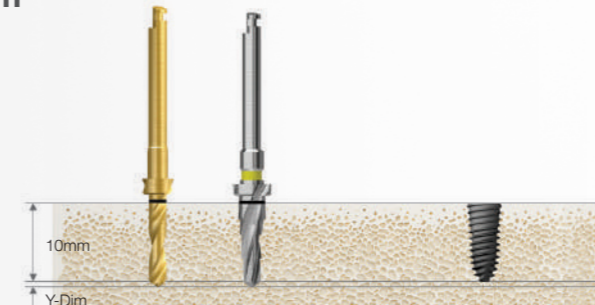
TS implant placement depth : For normal bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability

Drilling Sequence **122 Taper Drill**

TSIV

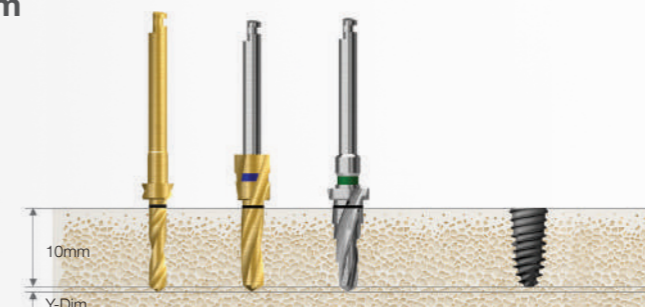
(Length : 10mm)

Ø4.0mm



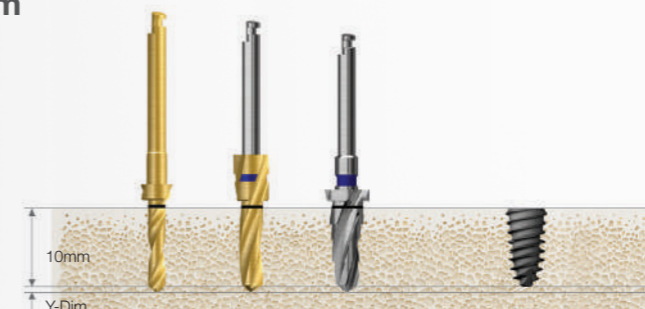
Bone Quality	Twist Drill (Ø2.2)	122Taper Drill (F3.5)	Ø4.0 Implant
D4	▶		Implant Placement
Soft	▶	▶	

Ø4.5mm



Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø3.0)	122Taper Drill (F4.0)	Ø4.5 Implant
D4		▶		Implant Placement
Soft	▶		▶	

Ø5.0mm



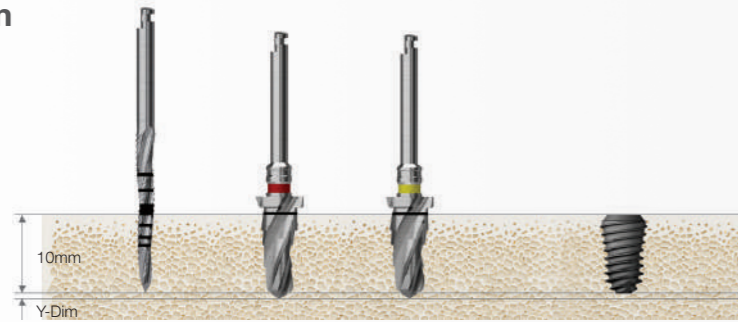
Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø3.0)	122Taper Drill (F4.5)	Ø5.0 Implant
D4		▶		Implant Placement
Soft	▶		▶	

Drilling Sequence **122 Taper Drill**

TSIV Ultra-wide

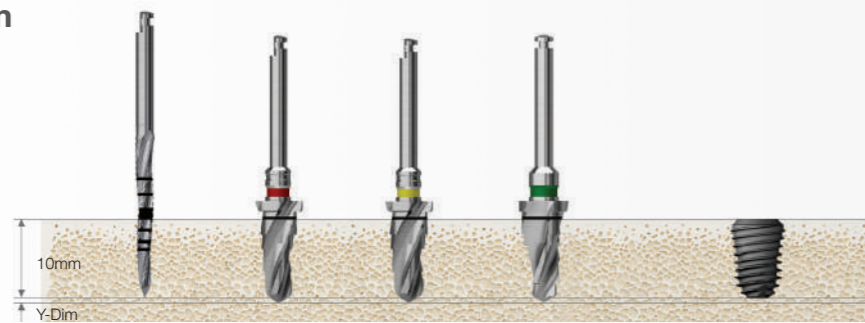
(Length : 10mm)

Ø6.0mm



Bone Quality	Sidecut Drill	122 Taper Drill (F5.0)	122 Taper Drill (F5.5)	Ø6.0 Implant
D4	▶	▶		Implant Placement
Soft	▶	▶	▶	

Ø7.0mm



Bone Quality	Sidecut Drill	122 Taper Drill (F5.0)	122 Taper Drill (F5.5)	122 Taper Drill (F6.0)	Ø7.0 Implant
D4	▶	▶	▶		Implant Placement
Soft	▶	▶	▶	▶	

OSSTEM[®]
IMPLANT

F5.5 taper cortical drill marking line : Bottom line for placing 6mm or smaller implants, midline for 7mm implants, and top line for 8,5mm or greater implants

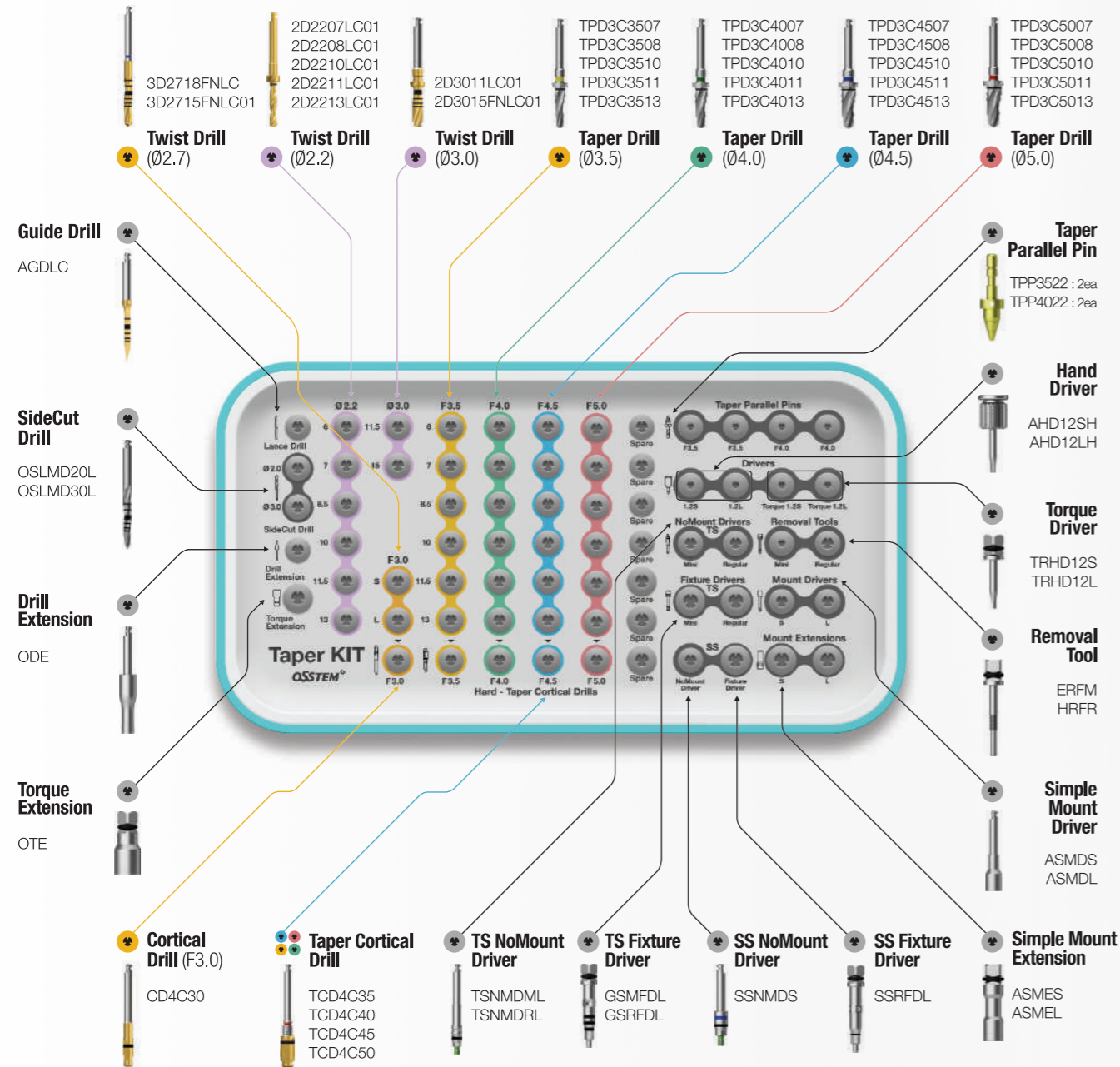
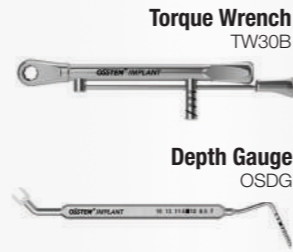
Recommended placement torque ≤ 40Ncm

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

Taper KIT (OTSK)

Applicable Products **TSIII / IV** **SSIII**

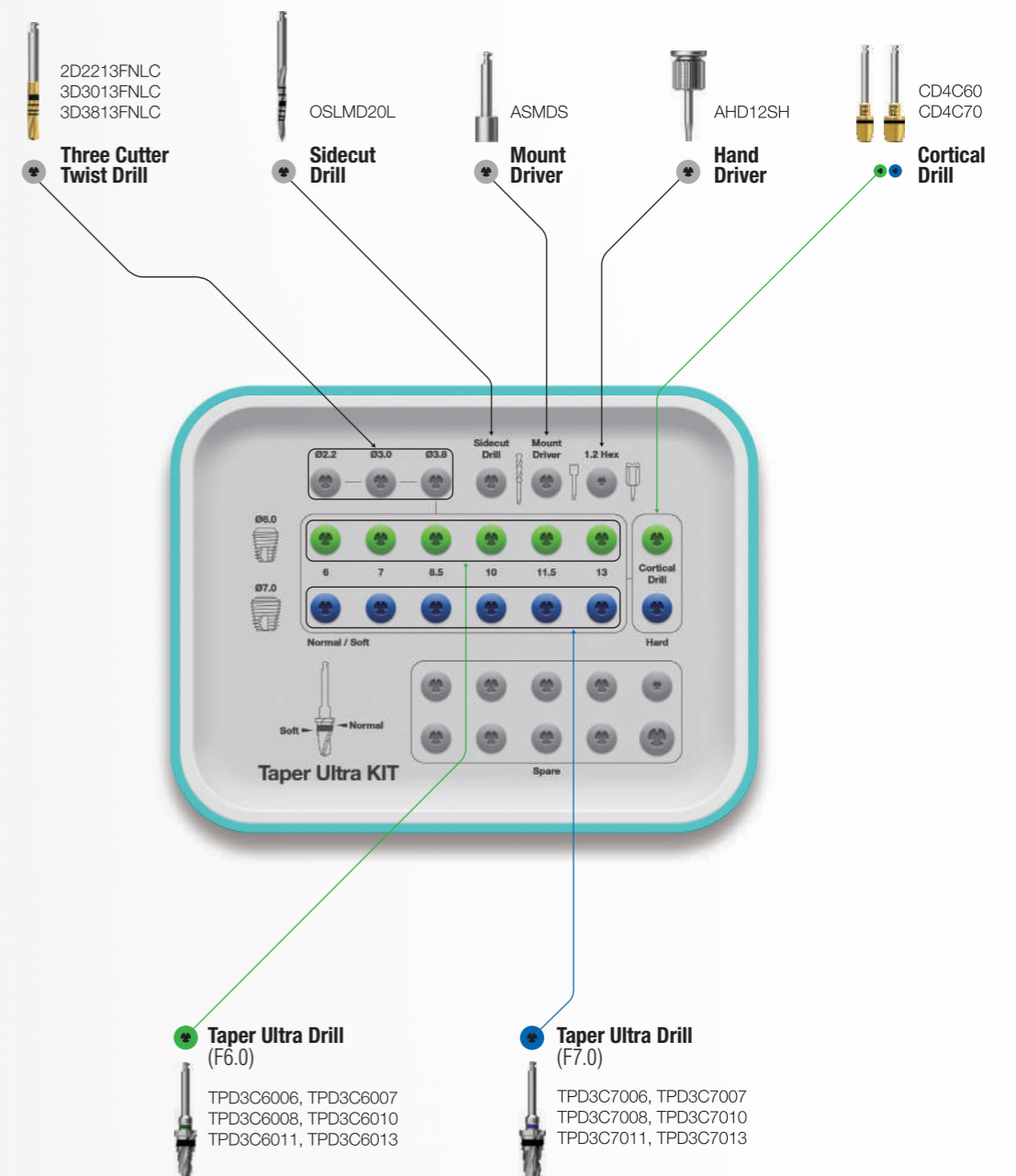
Top panel components



Taper Ultra KIT (HULTPK)

Applicable Products **III Ultra-wide**

Top panel components



• More details on KIT components can be found in Surgical Instruments(222p-242p)

• More details on KIT components can be found in Surgical Instruments(222p-242p)

SURGICAL KIT

SURGICAL KIT

Drilling Sequence Taper Drill

TSIII | SSIII

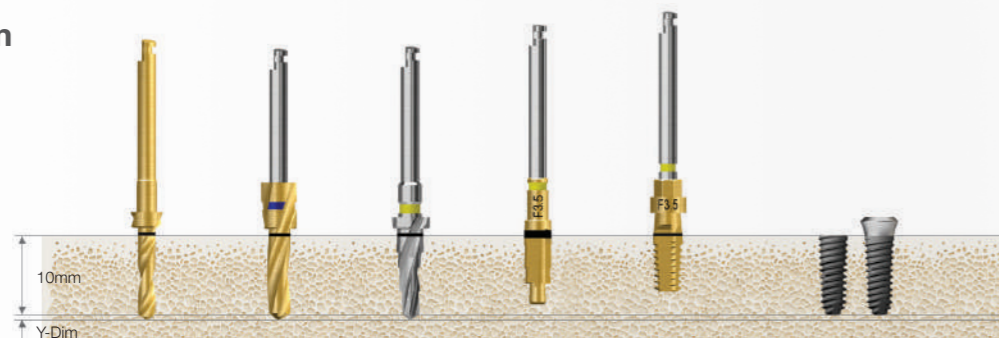
(Length : 10mm)

Ø3.0mm



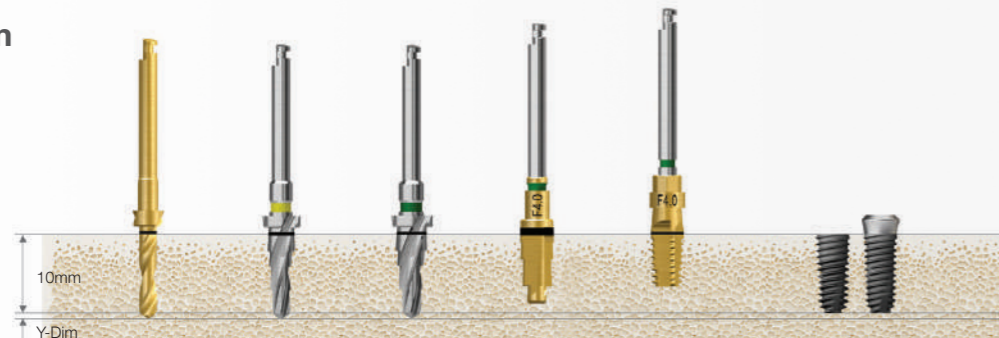
Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø2.7)	Cortical Drill (F3.0)	Ø3.0 Implant
Soft	▶			
Normal	▶	▶		Implant Placement
Hard	▶	▶	▶	

Ø3.5mm



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 Placement
Hard	▶		▶	▶		
Hard (Option)	▶		▶		▶	

Ø4.0mm



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	▶	▶	▶			Implant Placement
Hard	▶	▶	▶	▶		
Hard (Option)	▶	▶	▶		▶	

Taper cortical drill marking line : Bottom line for placing 8,5mm or greater implants, and top line for 10mm or greater implants

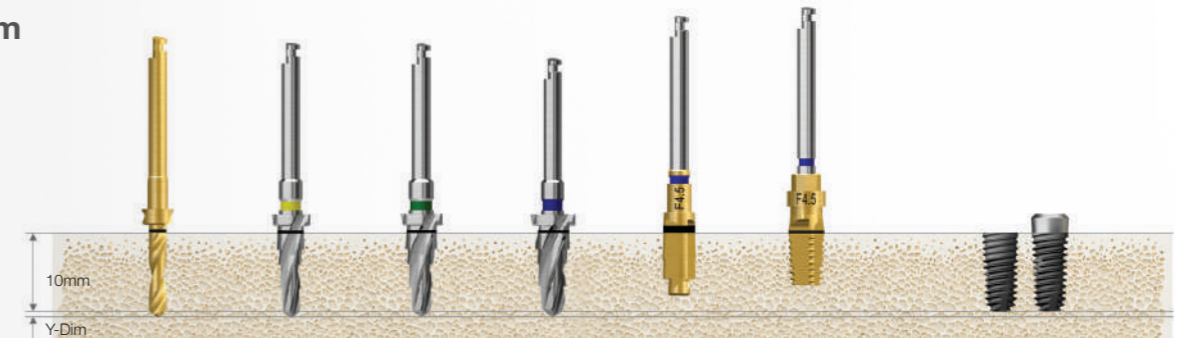
Recommended placement torque ≤ 40Ncm

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

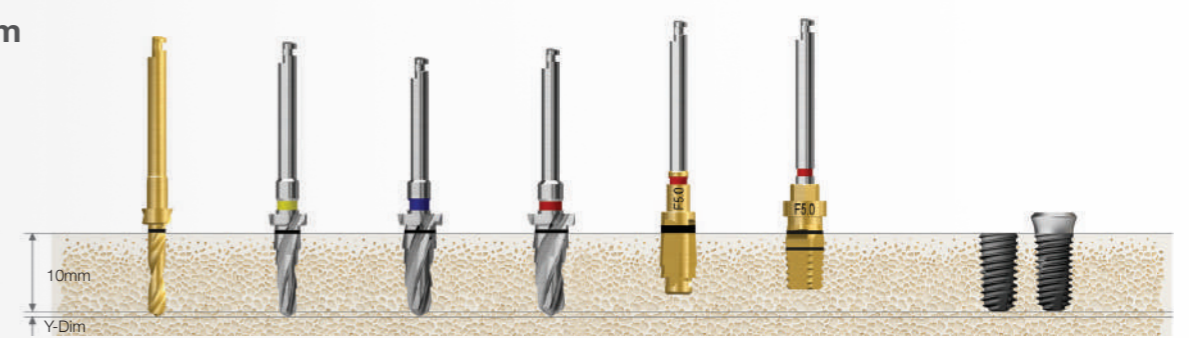
(F5.0 Implant Tap : Bottom line for placing 7.0mm or smaller implants, and top line for 8.5mm or greater implants)

Ø4.5mm



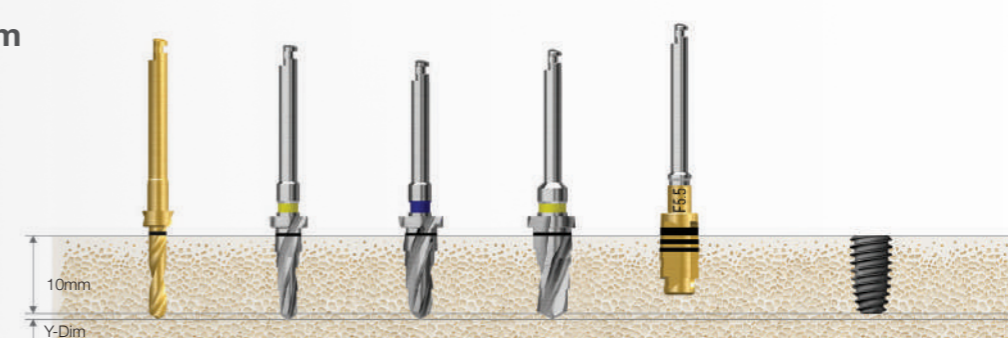
Bone Quality	Twist Drill (Ø2.2)	Taper Drill (F3.5)	Taper Drill (F4.0)	Taper Drill (F4.5)	Taper Cortical Drill (F4.5)	Taper Implant Tap (F4.5)	Ø4.5 Implant
Soft	▶	▶	▶				
Normal	▶	▶		▶			Implant Placement
Hard	▶	▶		▶	▶		
Hard (Option)	▶	▶		▶		▶	

Ø5.0mm



Bone Quality	Twist Drill (Ø2.2)	Taper Drill (F3.5)	Taper Drill (F4.5)	Taper Drill (F5.0)	Taper Cortical Drill (F5.0)	Taper Implant Tap (F5.0)	Ø5.0 Implant
Soft	▶	▶	▶				
Normal	▶	▶	▶	▶			Implant Placement
Hard	▶	▶	▶	▶	▶		
Hard (Option)	▶	▶	▶	▶		▶	

Ø5.5mm



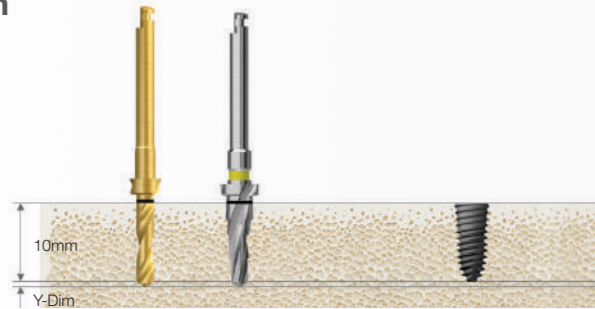
Bone Quality	Twist Drill (Ø2.2)	Taper Drill (F3.5)	Taper Drill (F4.5)	Taper Drill (F5.5)	Taper Implant Tap (F5.5)	Ø5.5 Implant
Soft	▶	▶	▶			
Normal	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶	

Drilling Sequence Taper Drill

TSIV

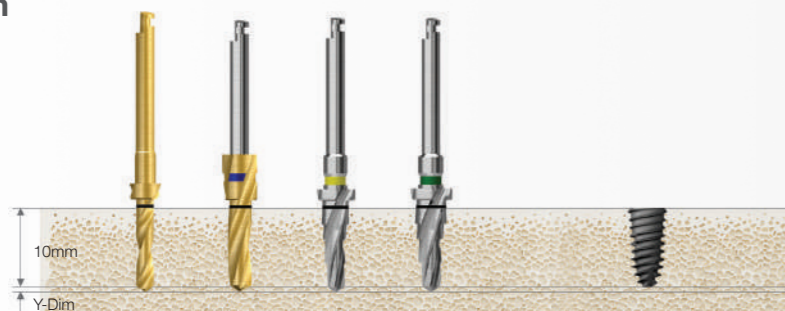
(Length : 10mm)

Ø4.0mm



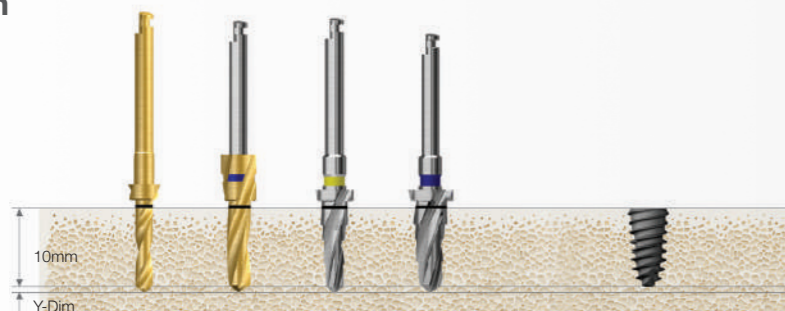
Bone Quality	Twist Drill (Ø2.2)	Taper Drill (F3.5)	Ø4.0 Implant
D4	▶		Implant Placement
Soft	▶	▶	

Ø4.5mm



Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø3.0)	Taper Drill (F3.5)	Taper Drill (F4.0)	Ø4.5 Implant
D4		▶			Implant Placement
Soft	▶		▶	▶	

Ø5.0mm



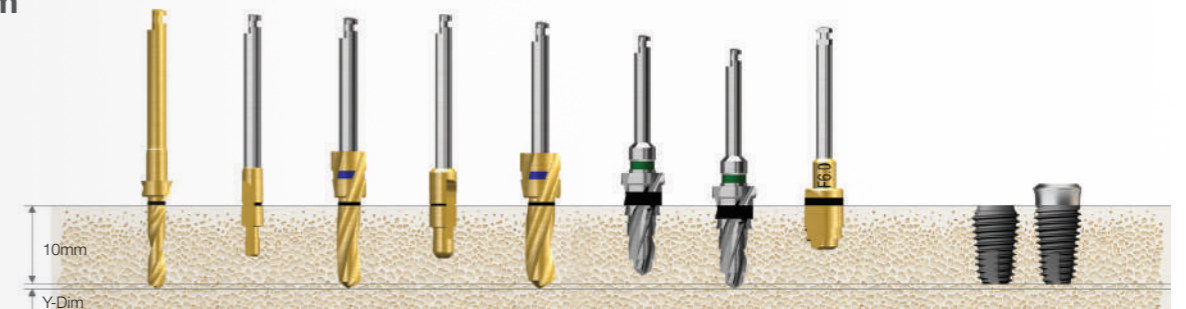
Bone Quality	Twist Drill (Ø2.2)	Twist Drill (Ø3.0)	Taper Drill (F3.5)	Taper Drill (F4.5)	Ø5.0 Implant
D4		▶			Implant Placement
Soft	▶		▶	▶	

Drilling Sequence Taper Drill

TSIII Ultra-wide | SSIII Ultra-wide

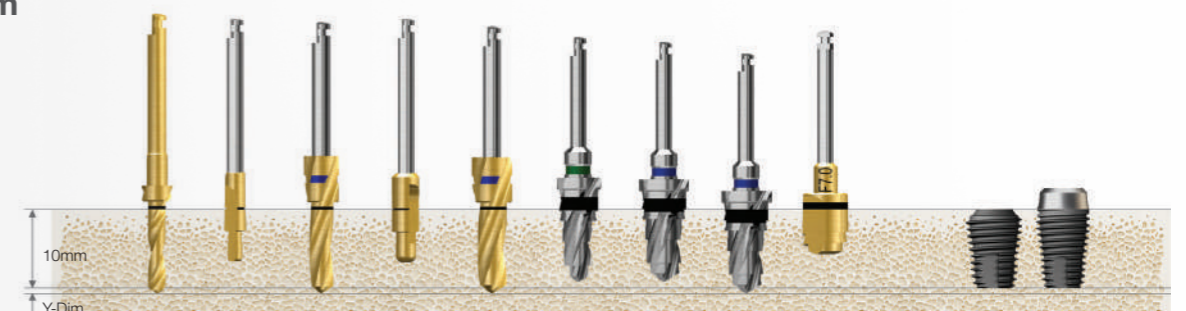
(Length : 10mm)

Ø6.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Taper Drill (F6.0)	Taper Drill (F6.0)	Cortical Drill (F6.0)	Ø6.0 Implant
Soft	▶	▶	▶	▶		▶			Implant Placement
Normal	▶	▶	▶	▶	▶		▶		
Hard	▶	▶	▶	▶	▶		▶	▶	

Ø7.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Taper Drill (F6.0)	Taper Drill (F7.0)	Taper Drill (F7.0)	Cortical Drill (F7.0)	Ø7.0 Implant
Soft	▶	▶	▶	▶		▶	▶			Implant Placement
Normal	▶	▶	▶	▶	▶	▶		▶		
Hard	▶	▶	▶	▶	▶	▶		▶	▶	

Recommended placement torque ≤ 40Ncm

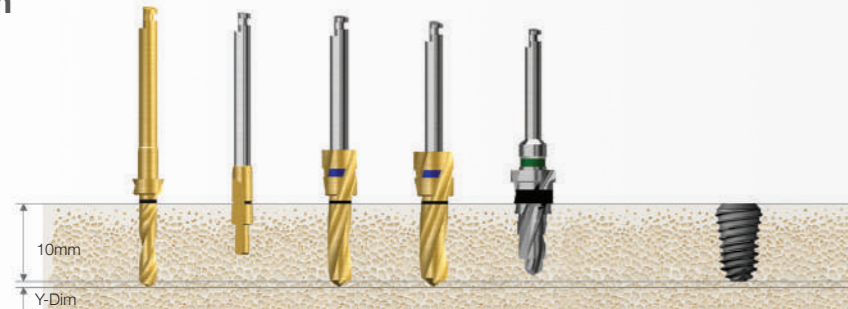
TS implant placement depth : For normal/hard bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability

Drilling Sequence Taper Drill

TSIV Ultra-wide

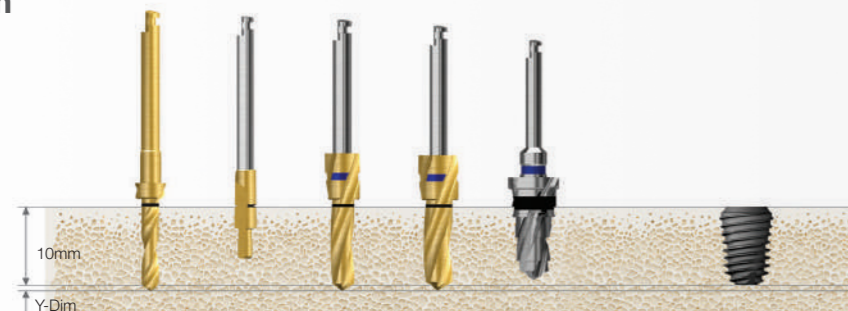
(Length : 10mm)

Ø6.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Twist Drill (Ø3.8)	Taper Drill (F6.0)	Ø6.0 Implant
D4	▶			▶		Implant Placement
Soft	▶	▶	▶		▶	

Ø7.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Twist Drill (Ø3.8)	Taper Drill (F7.0)	Ø7.0 Implant
D4	▶			▶		Implant Placement
Soft	▶	▶	▶		▶	

OSSTEM[®]
IMPLANT

Recommended placement torque ≤ 40Ncm

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

123 Straight Simple KIT (O123K)

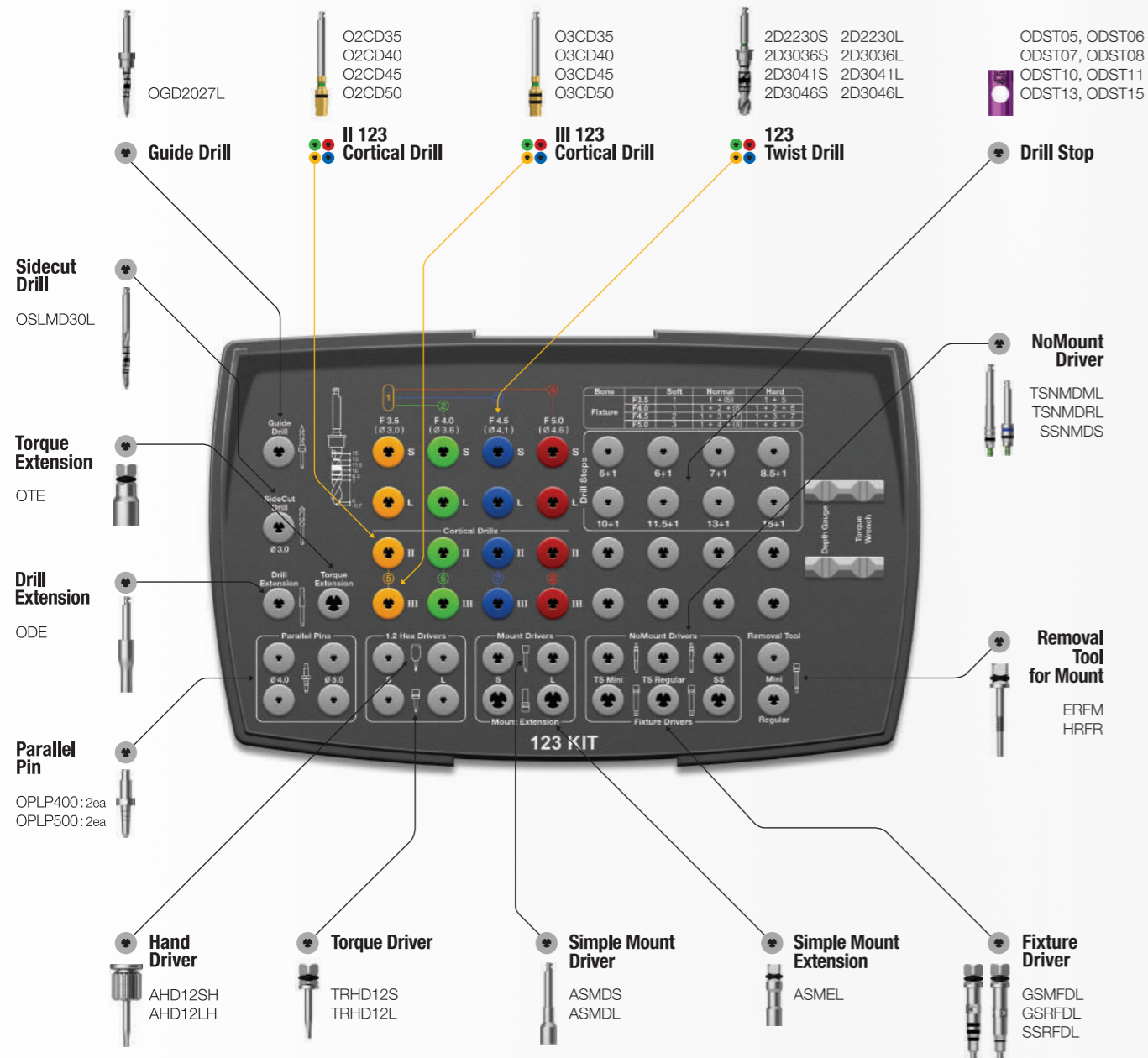
Applicable Products **TSII / III** **SSII / III**

Top panel components

Torque Wrench
TW30B



Depth Gauge
OSDG



123 Straight KIT (O123FK)

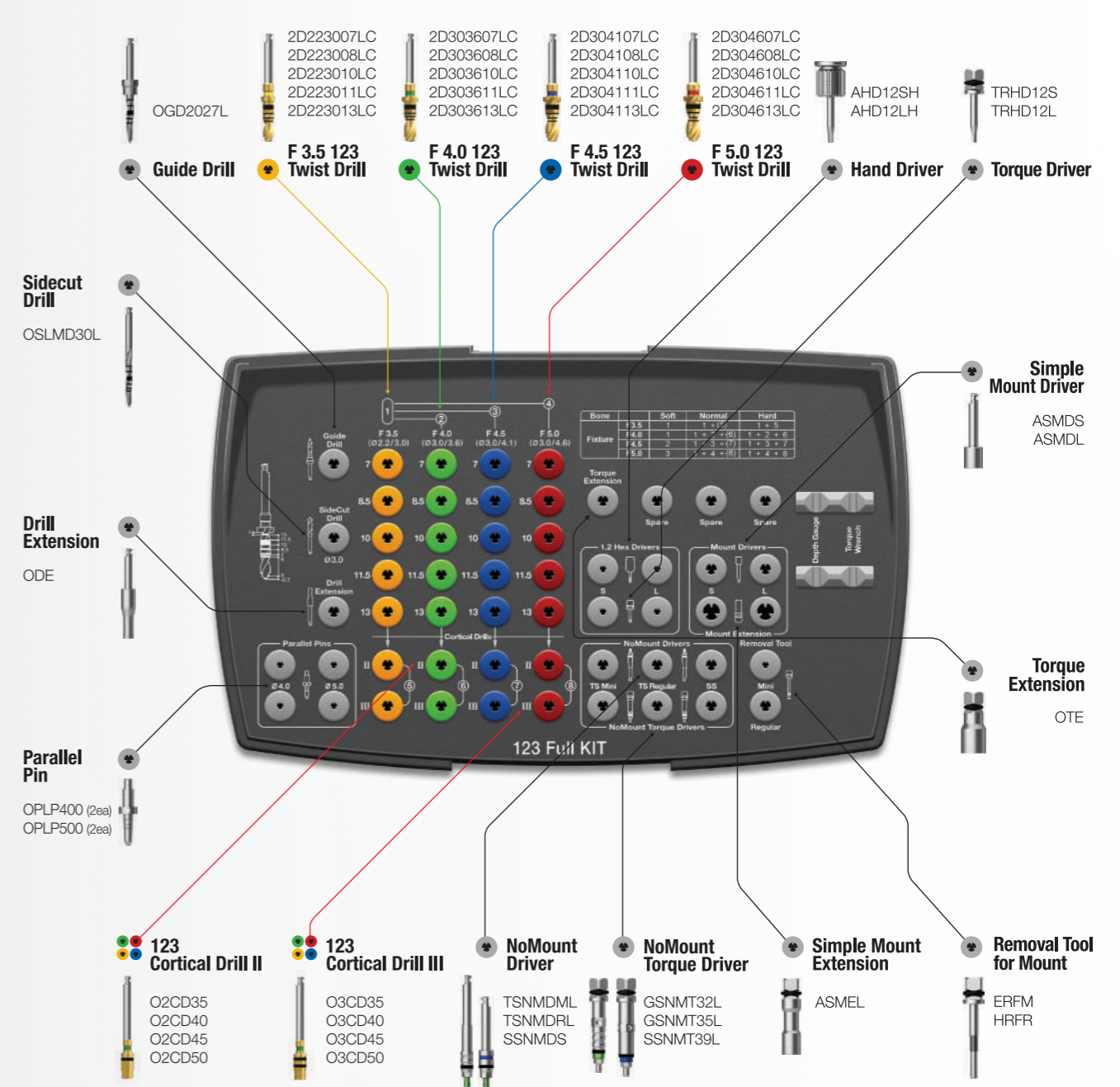
Applicable Products **TSII / III** **SSII / III**

Top panel components

Torque Wrench
TW30B



Depth Gauge
OSDG



• More details on KIT components can be found in Surgical Instruments(222p-242p)

• More details on KIT components can be found in Surgical Instruments(222p-242p)

123 Straight Full KIT (O123STFK)

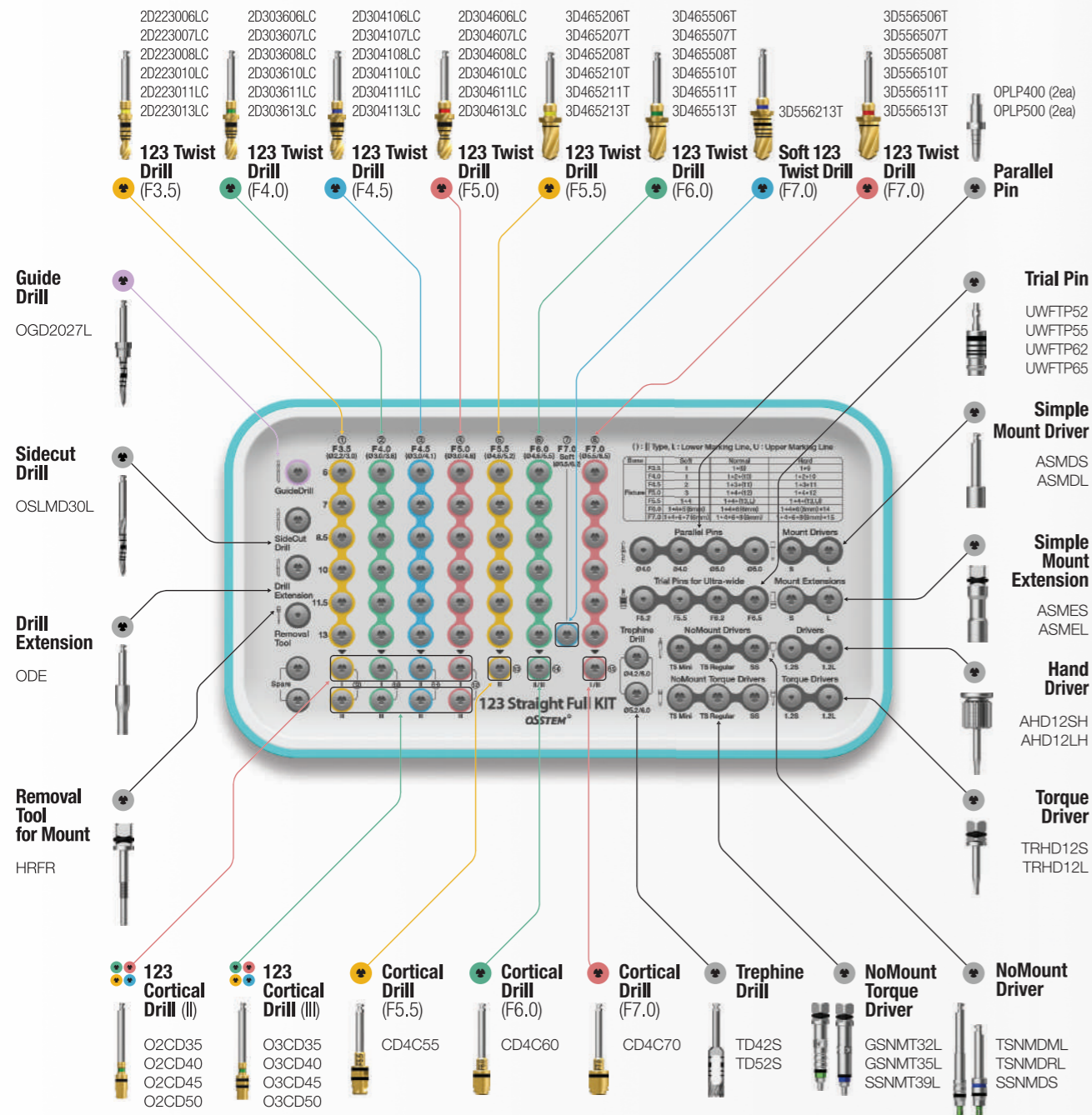
Applicable Products **TSII / III** **SSII / III** **II / III Ultra-wide**

Top panel components

Torque Wrench
TW30B



Depth Gauge
OSDG



SURGICAL KIT

SURGICAL KIT



• More details on KIT components can be found in Surgical Instruments(222p-242p)

Drilling Sequence II Type 123 Twist Drill

TSII | SSII

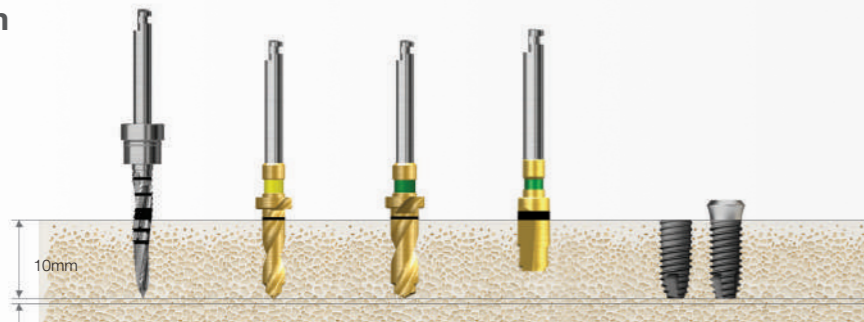
(Length : 10mm)

Ø3.5mm



Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Cortical Drill	Ø3.5 Implant
Soft	▶	▶		Implant Placement
Normal	▶	▶		
Hard	▶	▶	▶	

Ø4.0mm



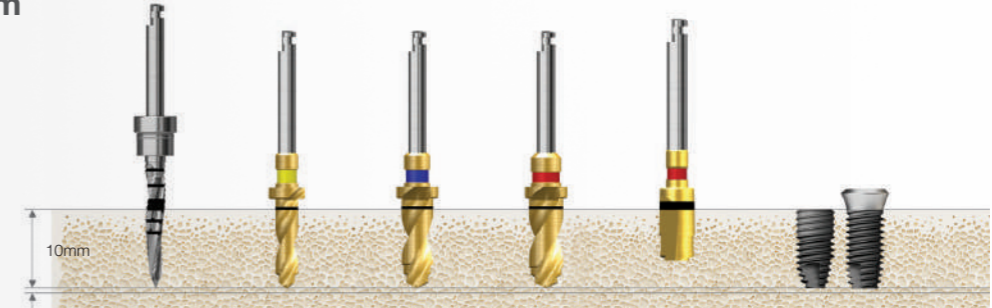
Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/3.6)	Cortical Drill	Ø4.0 Implant
Soft	▶	▶			Implant Placement
Normal	▶	▶	▶		
Hard	▶	▶	▶	▶	

Ø4.5mm



Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/3.6)	Twist Drill (Ø3.0/4.1)	Cortical Drill	Ø4.5 Implant
Soft	▶		▶			Implant Placement
Normal	▶	▶		▶		
Hard	▶	▶		▶	▶	

Ø5.0mm



Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.1)	Twist Drill (Ø3.0/4.6)	Cortical Drill	Ø5.0 Implant
Soft	▶		▶			Implant Placement
Normal	▶	▶		▶		
Hard	▶	▶		▶	▶	

Drilling Sequence III Type 123 Twist Drill

TSIII | SSIII

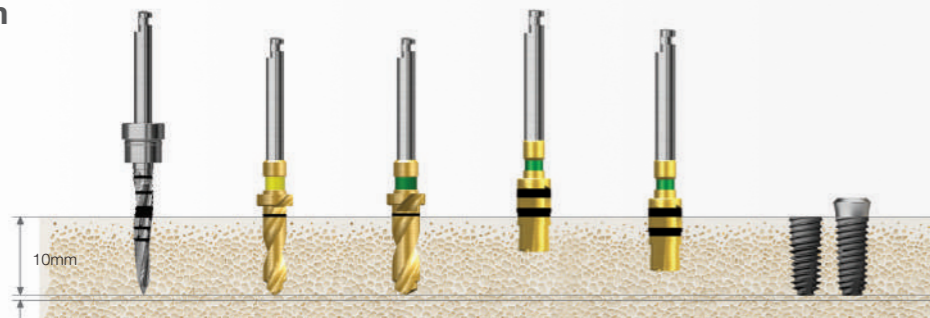
(Length : 10mm)

Ø3.5mm



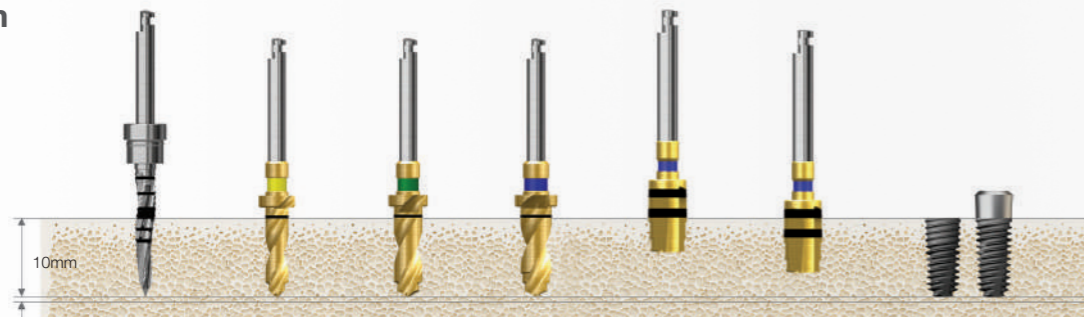
Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Cortical Drill (F3.5) Bottom line	Cortical Drill (F3.5) Top line	Ø3.5 Implant
Soft	▶	▶			
Normal	▶	▶	▶		Implant Placement
Hard	▶	▶		▶	

Ø4.0mm



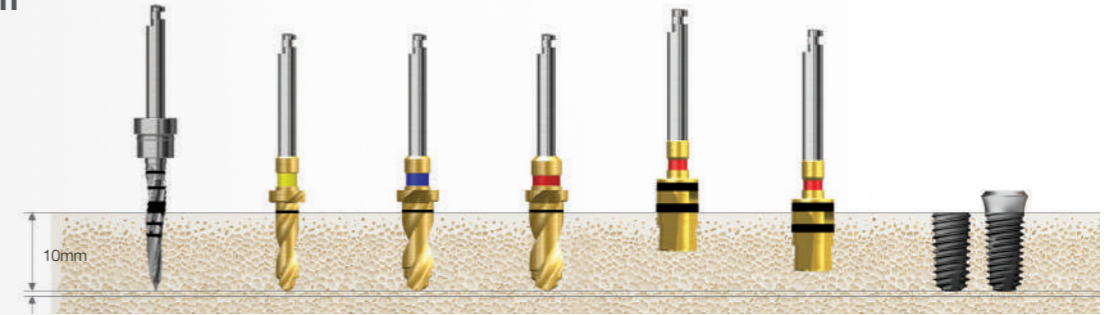
Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/3.6)	Cortical Drill (F4.0) Bottom line	Cortical Drill (F4.0) Top line	Ø4.0 Implant
Soft	▶	▶				
Normal	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶		▶	

Ø4.5mm



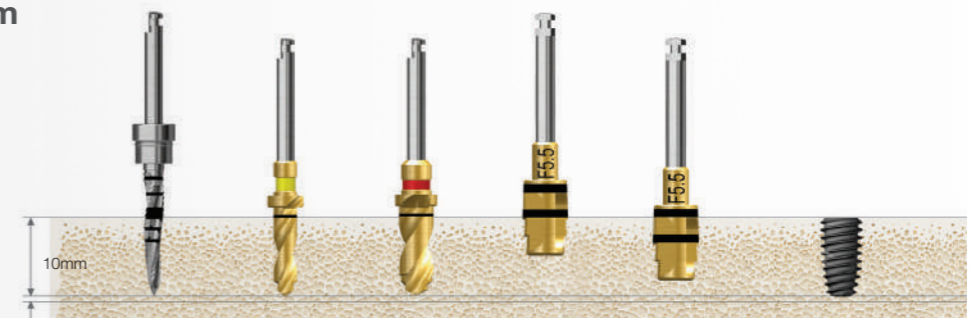
Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/3.6)	Twist Drill (Ø3.0/4.1)	Cortical Drill (F4.5) Bottom line	Cortical Drill (F5.0) Top line	Ø4.5 Implant
Soft	▶		▶				
Normal	▶	▶		▶	▶		Implant Placement
Hard	▶	▶		▶		▶	

Ø5.0mm



Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.1)	Twist Drill (Ø3.0/4.6)	Cortical Drill (F5.0) Bottom line	Cortical Drill (F5.0) Top line	Ø5.0 Implant
Soft	▶		▶				
Normal	▶	▶		▶	▶		Implant Placement
Hard	▶	▶		▶		▶	

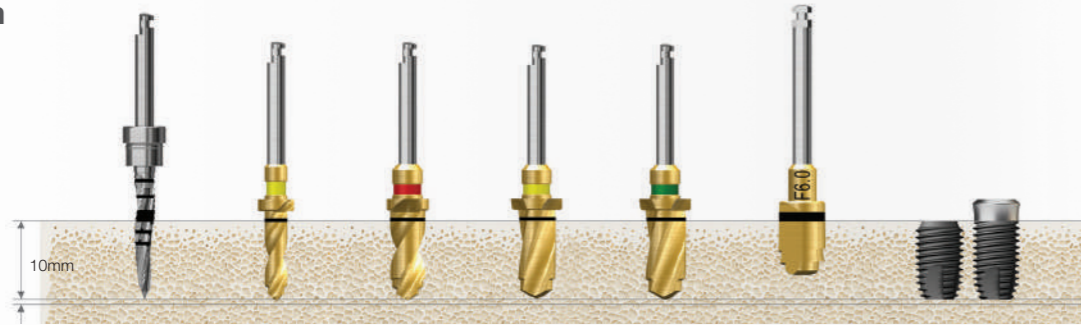
Ø5.5mm



Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.6)	Cortical Drill (F5.5) Bottom line	Cortical Drill (F5.5) Top line	Ø5.5 Implant
Soft	▶	▶	▶			
Normal	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶		▶	

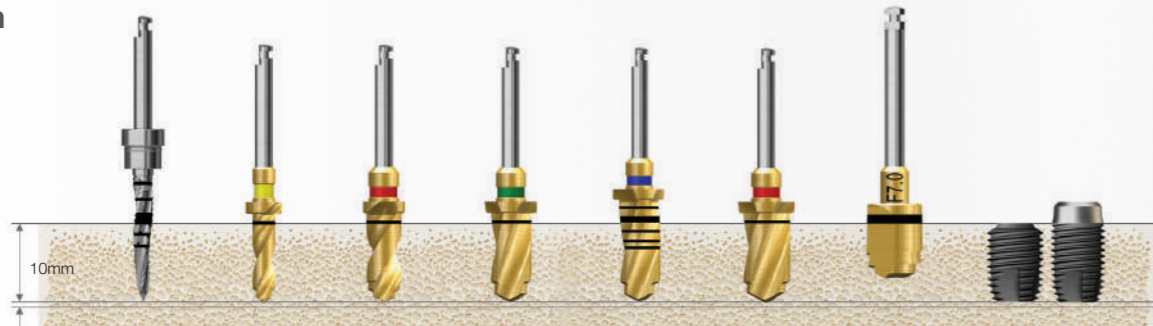
Drilling Sequence **Ultra-wide 123 Twist Drill**
TSII Ultra-wide | **SSII Ultra-wide**
 (Length : 10mm)

Ø6.0mm



Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.6)	Twist Drill (Ø4.6/5.2)	Twist Drill (Ø4.6/5.5)	Cortical Drill (F6.0)	Ø6.0 Implant
Soft	▶	▶	▶	▶			
Normal	▶	▶	▶		▶		Implant Placement
Hard	▶	▶	▶		▶	▶	

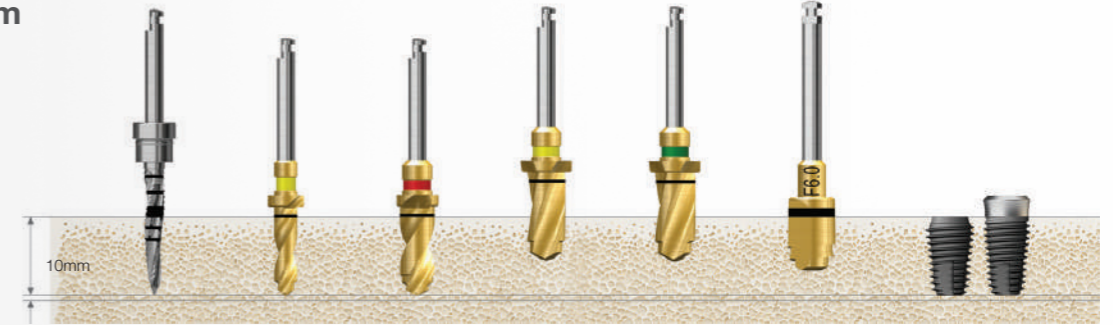
Ø7.0mm



Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.6)	Twist Drill (Ø4.6/5.5)	Twist Drill (Ø4.6/5.5) (F7.0 Soft)	Twist Drill (Ø5.5/6.5)	Cortical Drill (F7.0)	Ø7.0 Implant
Soft	▶	▶	▶	▶	▶			
Normal	▶	▶	▶	▶		▶		Implant Placement
Hard	▶	▶	▶	▶		▶	▶	

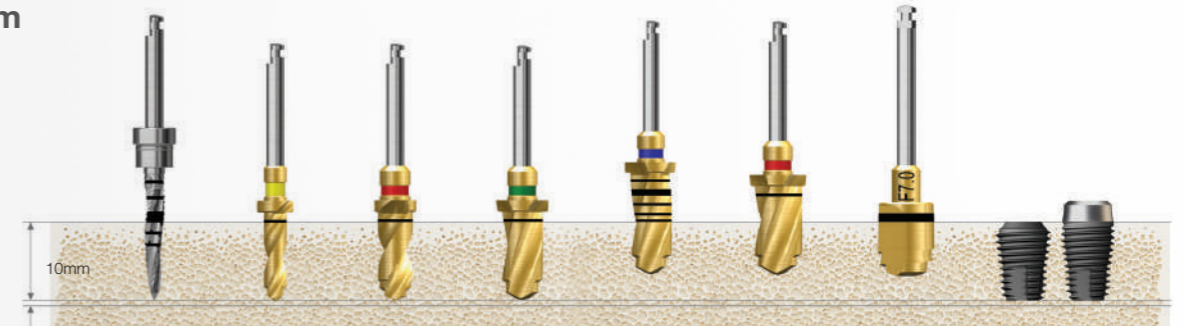
Drilling Sequence **Ultra-wide 123 Twist Drill**
TSIII Ultra-wide | **SSIII Ultra-wide**
 (Length : 10mm)

Ø6.0mm



Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.6)	Twist Drill (Ø4.6/5.2)	Twist Drill (Ø4.6/5.5)	Cortical Drill (F6.0)	Ø6.0 Implant
Soft	▶	▶	▶	▶	▶(6mm)		
Normal	▶	▶	▶		▶(6mm)		Implant Placement
Hard	▶	▶	▶		▶(6mm)	▶	

Ø7.0mm



Bone Quality	Guide Drill	Twist Drill (Ø2.2/3.0)	Twist Drill (Ø3.0/4.6)	Twist Drill (Ø4.6/5.5)	Twist Drill (Ø5.5/6.2) (F7.0 Soft)	Twist Drill (Ø5.5/6.5)	Cortical Drill (F7.0)	Ø7.0 Implant
Soft	▶	▶	▶	▶	▶(6mm)			
Normal	▶	▶	▶	▶		▶(6mm)		Implant Placement
Hard	▶	▶	▶	▶		▶(6mm)	▶	

Ultra KIT (HULTRK)

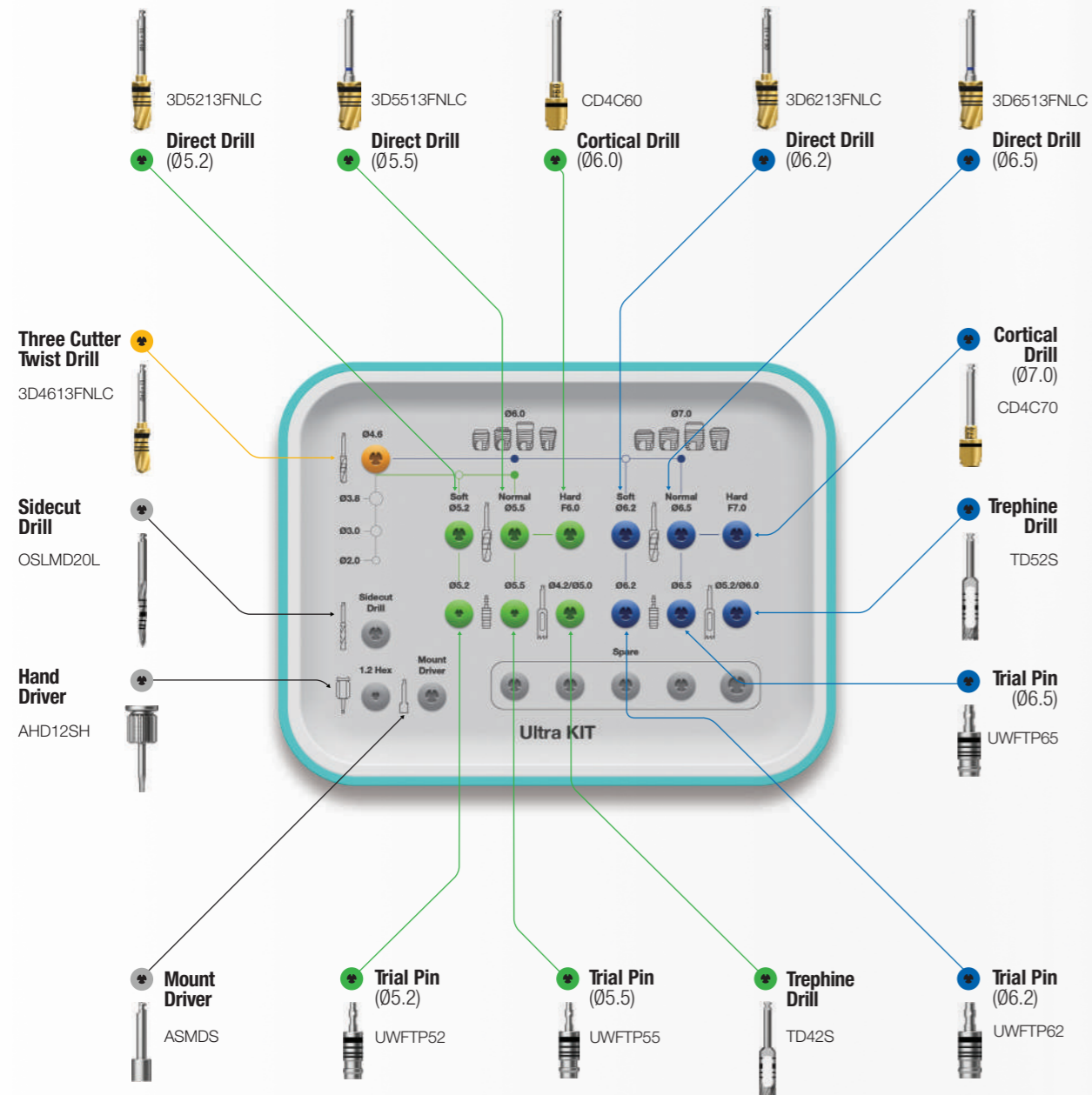
Applicable Products **Ultra-wide**

Top panel components

Open Wrench
SPOW



Ratchet Wrench
RCWC



OSSTEM[®]
IMPLANT

• More details on KIT components can be found in Surgical Instruments(222p-242p)

Drilling Sequence II Type Straight Drill

TSII | SSII

(Length : 10mm)

Ø3.5mm



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	▶		▶	▶			Implant Placement
Hard	▶		▶	▶	▶		
Hard (Option)	▶		▶	▶		▶	

Ø4.0mm



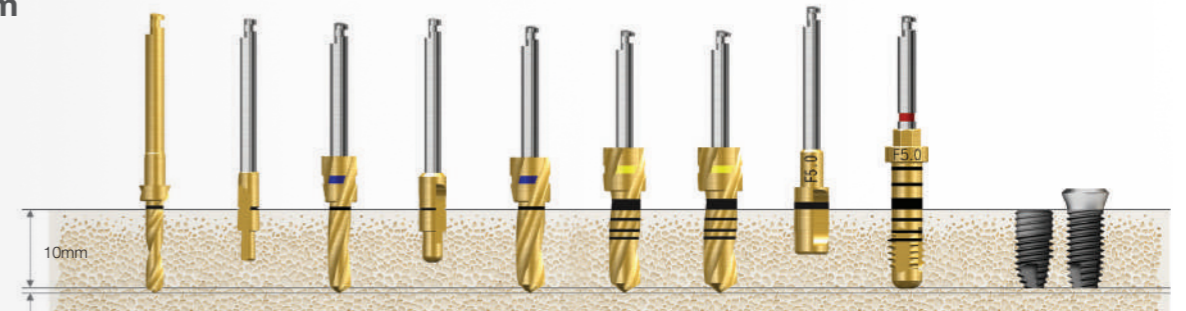
Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Twist Drill (Ø3.3)	Twist Drill (Ø3.8)	Cortical Drill (F4.0)	Straight Implant Tap (F4.0)	Ø4.0 Implant
Soft	▶	▶	▶	▶				
Normal	▶	▶	▶		▶			Implant Placement
Hard	▶	▶	▶		▶	▶		
Hard (Option)	▶	▶	▶		▶		▶	

Ø4.5mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.1)	Cortical Drill (F4.5)	Straight Implant Tap (F4.5)	Ø4.5 Implant
Soft	▶	▶	▶	▶	▶				
Normal	▶	▶	▶	▶	▶	▶			Implant Placement
Hard	▶	▶	▶	▶	▶	▶	▶		
Hard (Option)	▶	▶	▶	▶	▶	▶		▶	

Ø5.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.3)	Twist Drill (Ø4.6)	Cortical Drill (F5.0)	Straight Implant Tap (F5.0)	Ø5.0 Implant
Soft	▶	▶	▶	▶	▶	▶				
Normal	▶	▶	▶	▶	▶		▶			Implant Placement
Hard	▶	▶	▶	▶	▶		▶	▶		
Hard (Option)	▶	▶	▶	▶	▶		▶		▶	

Recommended placement torque ≤ 40Ncm

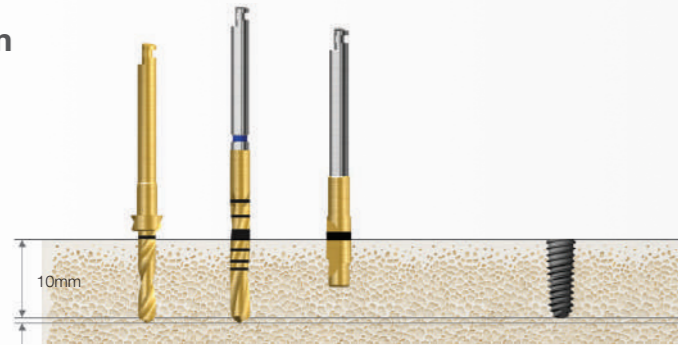
TS implant placement depth : For normal/hard bones, 1mm deeper than the bone level; for soft bones, matched to the bone level to maintain the stability
For implant tap used in hard bones, engine (25rpm recommended) is used or a torque wrench is used after assembling mount extension

Drilling Sequence III Type Straight Drill

TSIII | SSIII

(Length : 10mm)

Ø3.0mm



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

Ø3.5mm



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	▶	▶	▶		▶	

Ø4.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Twist Drill (Ø3.3)	Cortical Drill 3 (F4.0)	Cortical Drill 3 (F4.0)	Ø4.0 Implant
Soft	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶		▶	

Recommended placement torque ≤ 40Ncm

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

Ø4.5mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Cortical Drill 3 (F4.5)	Cortical Drill 3 (F4.5)	Ø4.5 Implant
Soft	▶	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶		▶	

Ø5.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.3)	Cortical Drill 3 (F5.0)	Cortical Drill 3 (F5.0)	Ø5.0 Implant
Soft	▶	▶	▶	▶	▶				
Normal	▶	▶	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶	▶		▶	

Ø5.5mm



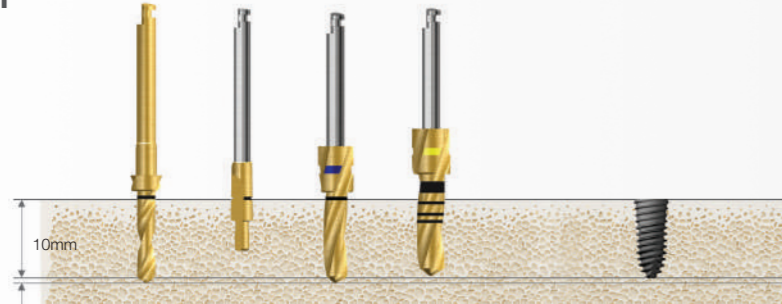
Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.6)	Cortical Drill 3 (F5.5)	Cortical Drill 3 (F5.5)	Ø5.5 Implant
Soft	▶	▶	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶	▶	▶		Implant Placement
Hard	▶	▶	▶	▶	▶	▶		▶	

Drilling Sequence IV Type Straight Drill

TSIV

(Length : 10mm)

Ø4.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Twist Drill (Ø3.0 Half)	Ø4.0 Implant
D4	▶				Implant Placement
Soft	▶	▶	▶	▶	

Ø4.5mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.1 Half)	Ø4.5 Implant
D4			▶				Implant Placement
Soft	▶	▶	▶	▶	▶	▶	

Ø5.0mm



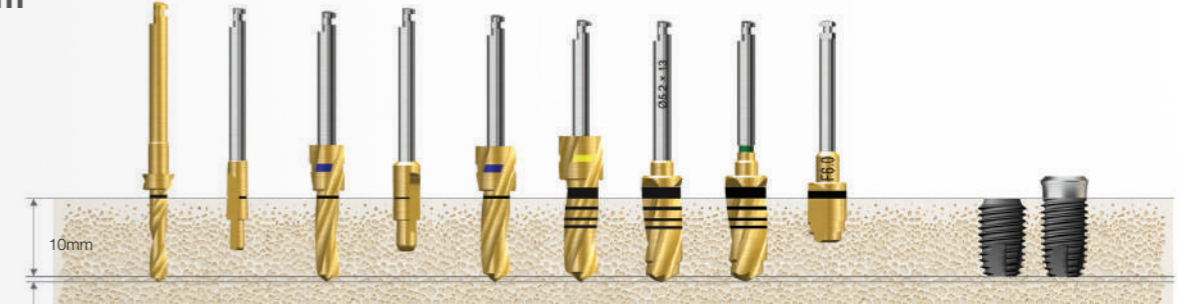
Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.6 Half)	Ø5.0 Implant
D4			▶				Implant Placement
Soft	▶	▶	▶	▶	▶	▶	

Drilling Sequence Ultra-wide Straight Drill

TSII Ultra-wide | SSII Ultra-wide

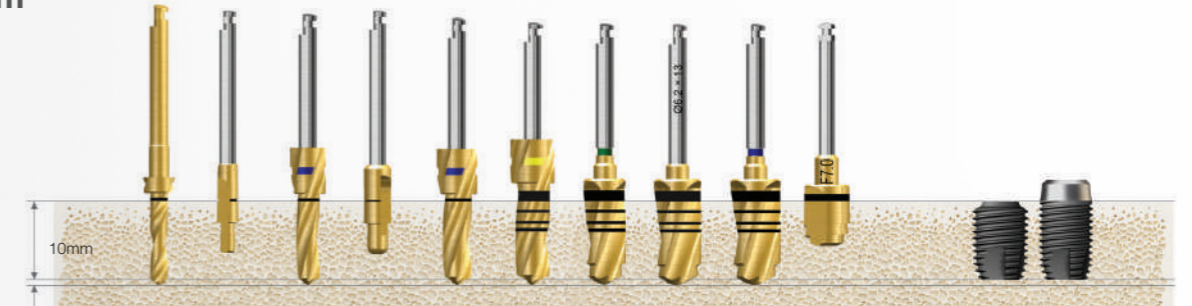
(Length : 10mm)

Ø6.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.6)	Direct Drill (Ø5.2)	Direct Drill (Ø5.5)	Cortical Drill (F6.0)	Ø6.0 Implant
Soft	▶	▶	▶	▶	▶	▶	▶			Implant Placement
Normal	▶	▶	▶	▶	▶	▶		▶		
Hard	▶	▶	▶	▶	▶	▶		▶	▶	

Ø7.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.6)	Direct Drill (Ø5.5)	Direct Drill (Ø6.2)	Direct Drill (Ø6.5)	Cortical Drill (F7.0)	Ø7.0 Implant
Soft	▶	▶	▶	▶	▶	▶	▶	▶			Implant Placement
Normal	▶	▶	▶	▶	▶	▶	▶		▶		
Hard	▶	▶	▶	▶	▶	▶	▶		▶	▶	

Recommended placement torque ≤ 40Ncm

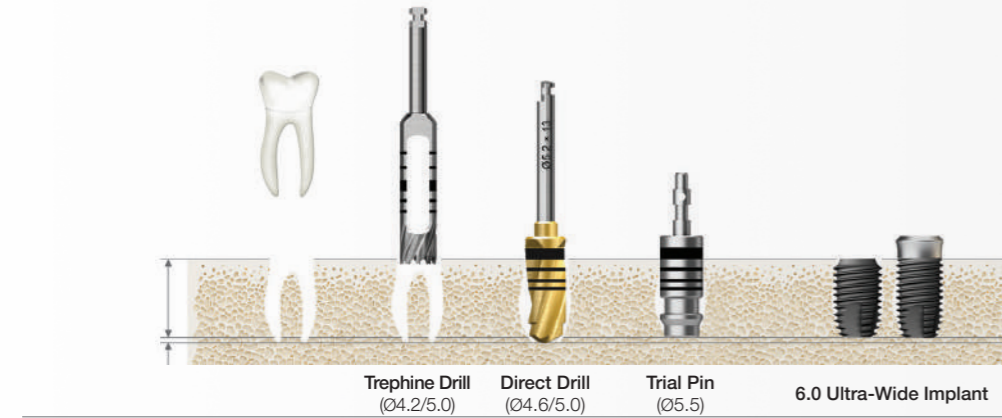
TSIV/USIV implants are specifically designed for sinus lift and soft bones, and not recommended for bone quality of normal bones or higher. In the case of TSIV/USIV implants, the speed of implant placement is fast due to the large pitch of the thread, and placing the implant by lowering the drilling speed to 15rpm or lower is recommended.

Drilling Sequence **Ultra-wide Straight Drill**
TSII Ultra-wide | **SSII Ultra-wide**
 (Length : 10mm)

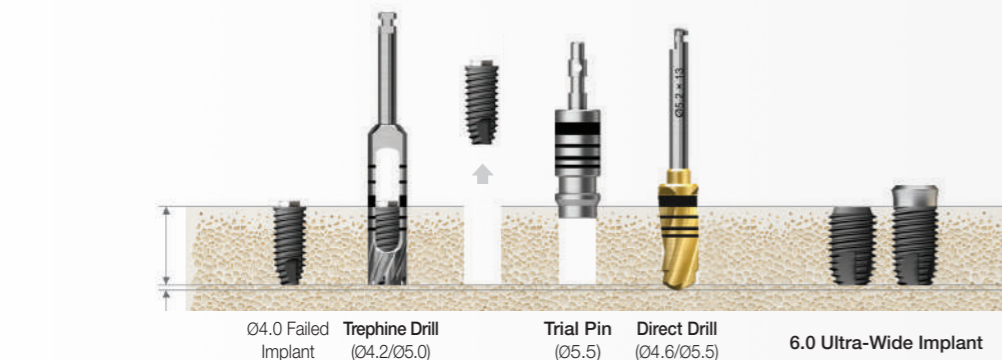
Ø6.0mm
 Drilling sequence with trephine in the healed mature bone



Immediate placement at the extraction socket

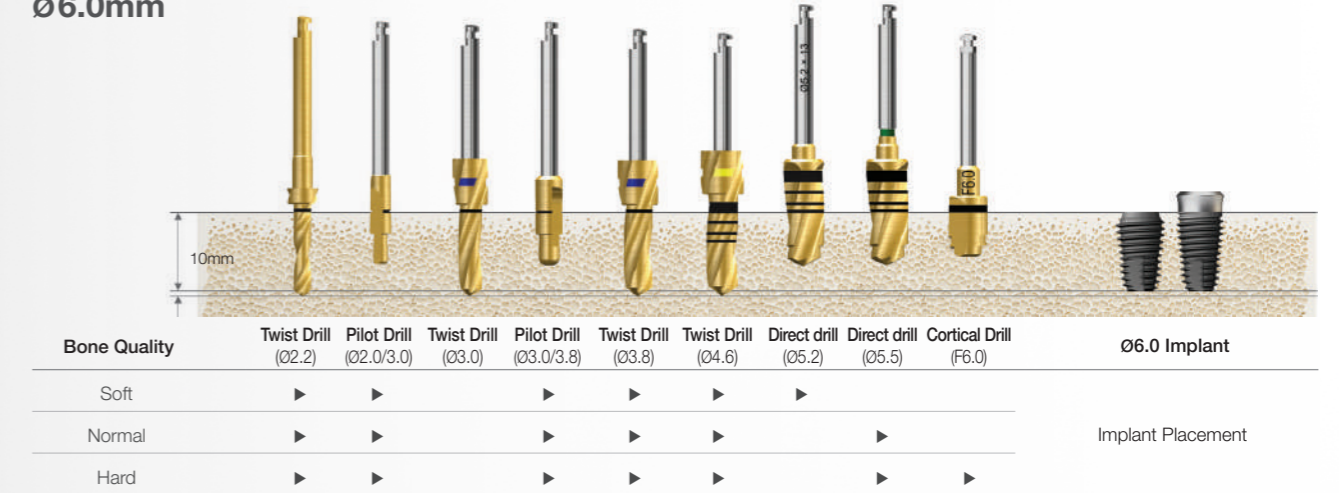


Immediate replacement of the failed implant



Drilling Sequence **Ultra-wide Straight Drill**
TSIII Ultra-wide | **SSIII Ultra-wide**
 (Length : 10mm)

Ø6.0mm



Ø7.0mm



Recommended placement torque ≤ 40Ncm

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

Drilling Sequence **Ultra-wide Straight Drill**

TSIV Ultra-wide

(Length : 10mm)

Ø6.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.6)	Direct Drill (Ø5.2)	Ø6.0 Implant
D4	▶	▶			▶			Implant Placement
Soft	▶	▶	▶		▶		▶	

Ø7.0mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill (Ø2.0/3.0)	Twist Drill (Ø3.0)	Pilot Drill (Ø3.0/3.8)	Twist Drill (Ø3.8)	Twist Drill (Ø4.6)	Direct Drill (Ø5.5)	Direct Drill (Ø6.2)	Ø7.0 Implant
D4	▶	▶			▶	▶			Implant Placement
Soft	▶	▶	▶	▶	▶	▶	▶	▶	

OSSTEM[®]
IMPLANT

Recommended placement torque ≤ 40Ncm

485 KIT (O485K)

Applicable Products **TSIII** **SSIII**

Top panel components

Torque Wrench
TW30B

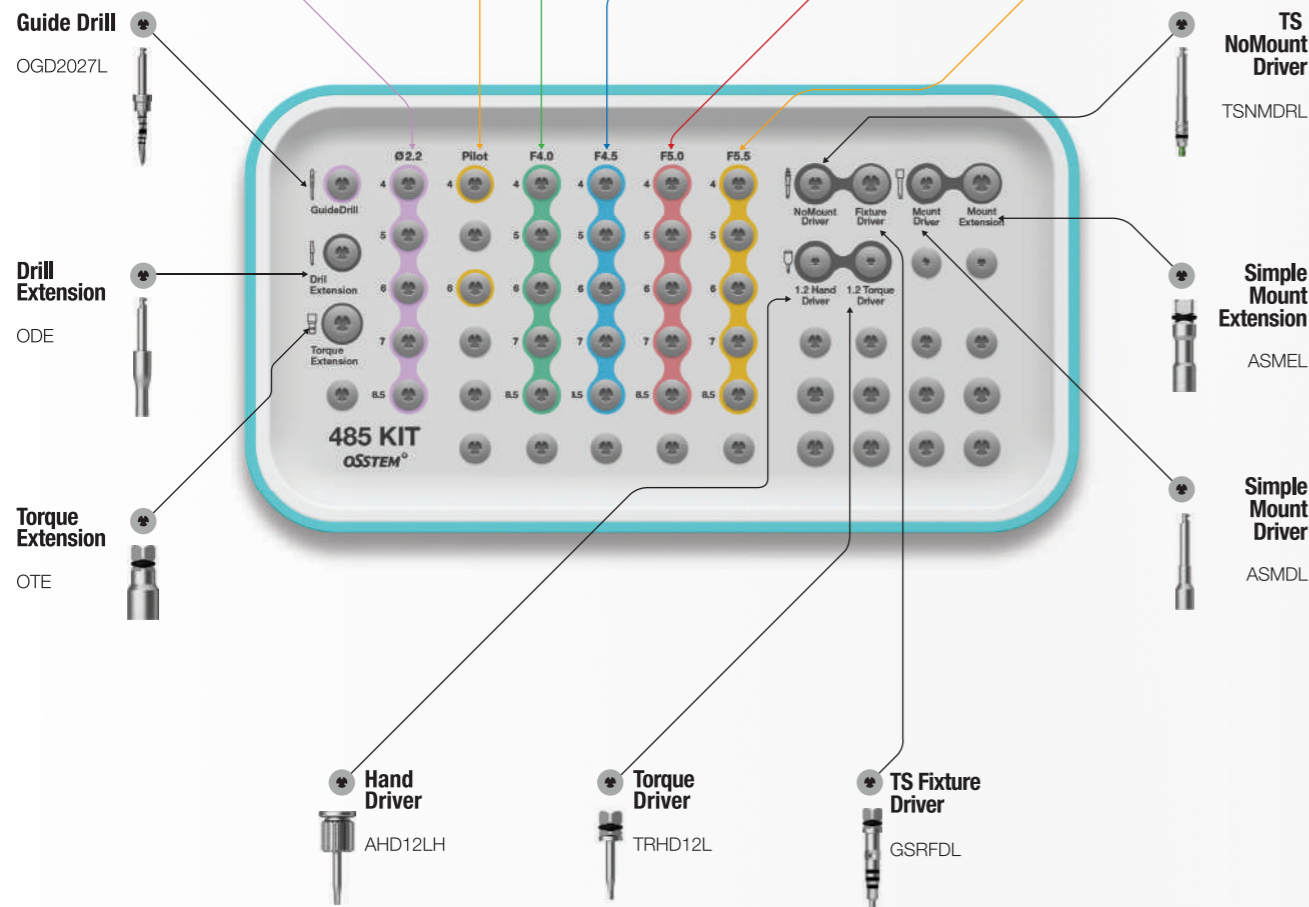


Depth Gauge
OSDG



- O485D2204
O485D2205
O485D2206
O485D2207
O485D2208
- O485D3504
O485D3506
- O485D4004
O485D4005
O485D4006
O485D4007
O485D4008
- O485D4504
O485D4505
O485D4506
O485D4507
O485D4508
- O485D5004
O485D5005
O485D5006
O485D5007
O485D5008
- O485D5504
O485D5505
O485D5506
O485D5507
O485D5508

- Twist Drill**
(Ø2.2)
- Pilot Drill**
- 485 Drill**
(F4.0)
- 485 Drill**
(F4.5)
- 485 Drill**
(F5.0)
- 485 Drill**
(F5.5)



OSSTEM[®]
IMPLANT

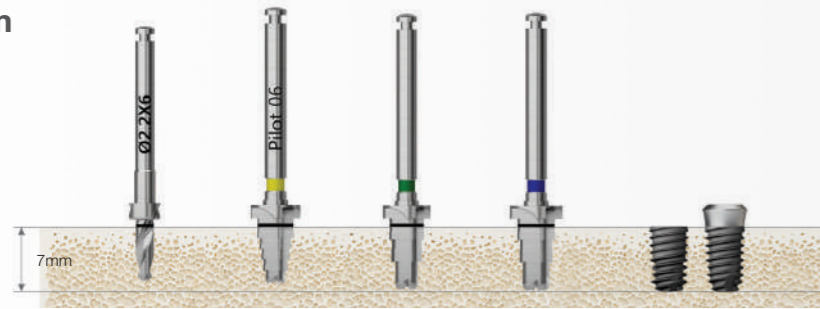
• More details on KIT components can be found in Surgical Instruments(222p~242p)

Drilling Sequence **485 Drill**

TSIII | SSIII

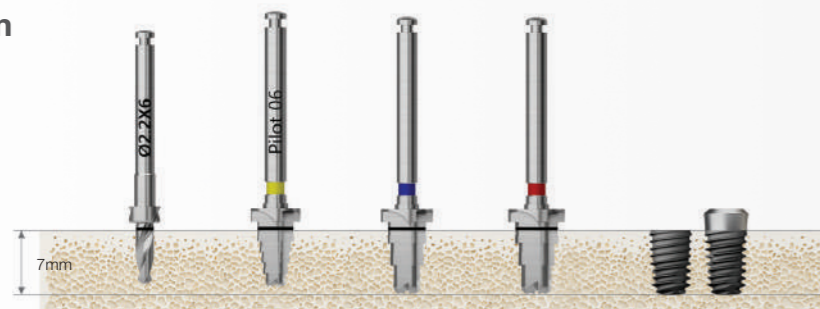
(Length : 7mm)

Ø4.0mm



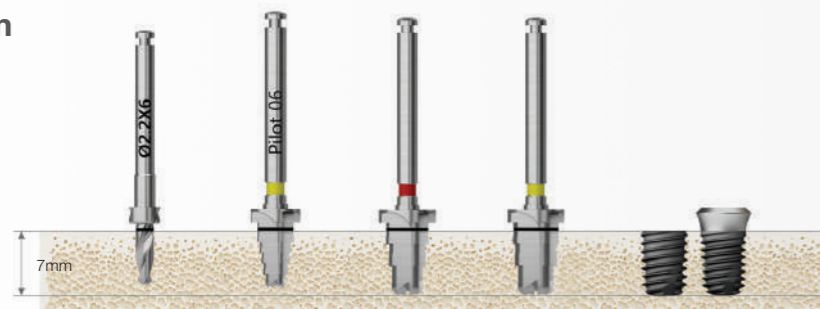
Bone Quality	Twist Drill (Ø2.2)	Pilot Drill	485 Drill (F4.0)	485 Drill (F4.5)	Ø4.0 Implant
Normal	▶	▶	▶		Implant Placement
Hard	▶	▶		▶	

Ø4.5mm



Bone Quality	Twist Drill (Ø2.2)	Pilot Drill	485 Drill (F4.5)	485 Drill (F5.0)	Ø4.5 Implant
Normal	▶	▶	▶		Implant Placement
Hard	▶	▶		▶	

Ø5.0mm

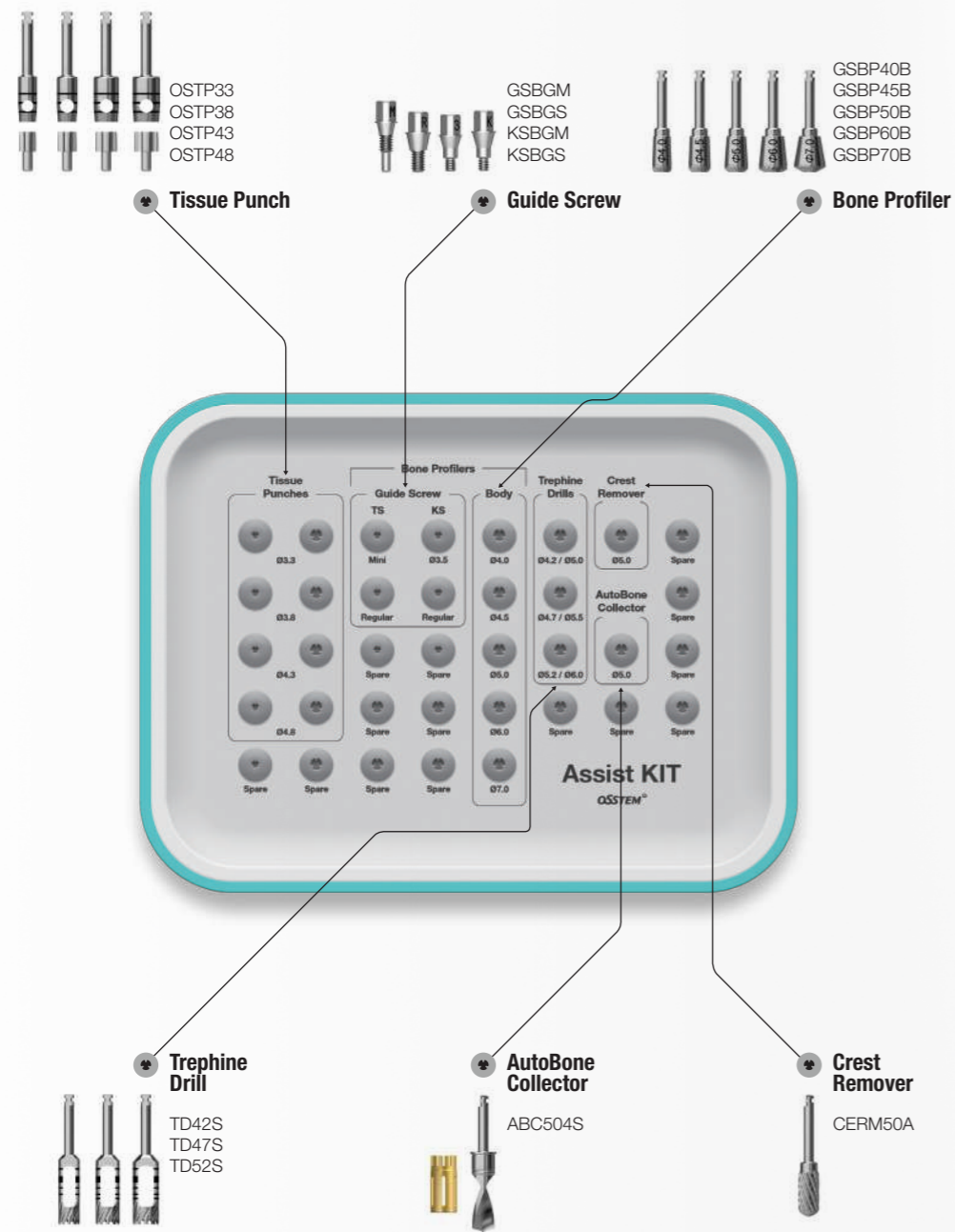


Bone Quality	Twist Drill (Ø2.2)	Pilot Drill	485 Drill (F5.0)	485 Drill (F5.5)	Ø 5.0 Implant
Normal	▶	▶	▶		Implant Placement
Hard	▶	▶		▶	

OSSTEM[®]
IMPLANT

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



• More details on KIT components can be found in Surgical Instruments(222p-242p)



Surgical Instruments

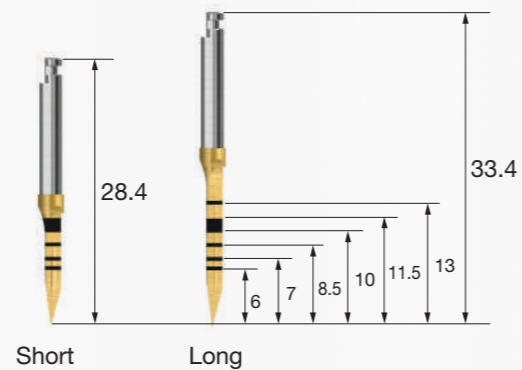
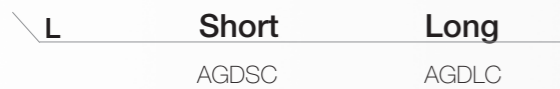
123 Guide Drill

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



Lance Drill (Guide Drill)

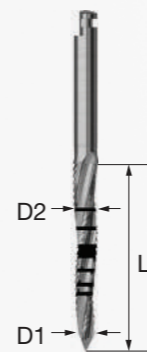
- Forming a hole to facilitate initial drilling
- Bone density determined through drilling



Sidecut Drill

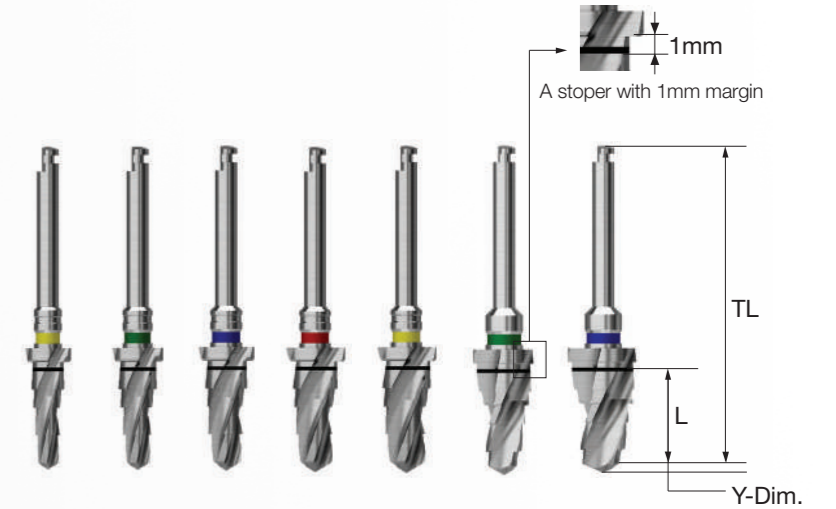
- A drill to remove the side parts with the cutting edge of the body
- Used for removing the ridge of a fresh extraction socket
- Facilitating site preparation of a fresh extraction socket

L	D1/D2	Ø1.5/2.0	Ø2.0/2.5	Ø3.0/3.5
13		OSLMDS	OSLMD20S	-
16.5		-	-	OSLMD30L
20		OSLMDL	OSLMD20L	-



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

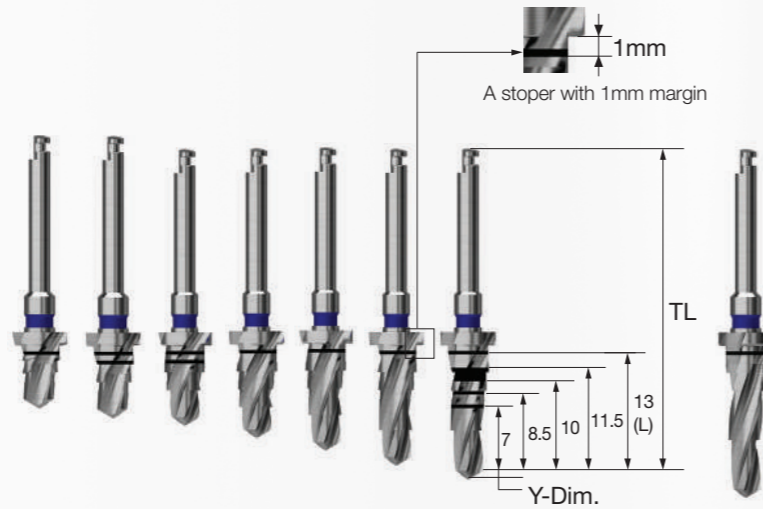


L	TL	F3.5	F4.0	F4.5	F5.0	F5.5	F6.0	F7.0
	Y-Dim.	0.7	0.9	1.0	1.0	1.0	1.0	1.0
4.0	29.5	122TPD3504	122TPD4004	122TPD4504	122TPD5004	122TPD5504	-	-
5.0	29.5	122TPD3505	122TPD4005	122TPD4505	122TPD5005	122TPD5505	-	-
6.0	30.5	122TPD3506	122TPD4006	122TPD4506	122TPD5006	122TPD5506	122TPD6006	122TPD7006
7.0	31.5	122TPD3507	122TPD4007	122TPD4507	122TPD5007	122TPD5507	122TPD6007	122TPD7007
8.5	33	122TPD3508	122TPD4008	122TPD4508	122TPD5008	122TPD5508	122TPD6008	122TPD7008
10	34.5	122TPD3510	122TPD4010	122TPD4510	122TPD5010	122TPD5510	122TPD6010	122TPD7010
11.5	34.5	122TPD3511	122TPD4011	122TPD4511	122TPD5011	122TPD5511	122TPD6011	122TPD7011
13	36	122TPD3513	122TPD4013	122TPD4513	122TPD5013	122TPD5513	122TPD6013	122TPD7013
15	38	122TPD3515	122TPD4015	122TPD4515	122TPD5015	122TPD5515	-	-
Color		Yellow	Green	Blue	Red	Yellow	Green	Blue

Surgical Instruments

Taper Drill

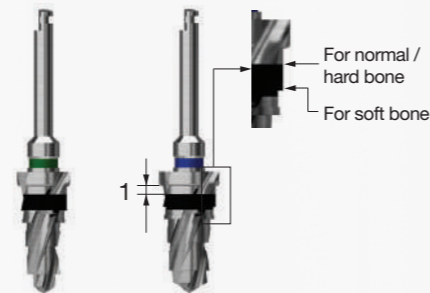
- Included in Taper KIT
- A dedicated taper drill for taper (III type) implants of each diameter and length
- A stopper drill with 1mm margin
- Color coded handle indicates the implant diameter
- F3.5: yellow, F4.0: green, F4.5: blue, F5.0: red, F5.5: yellow



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	TPD3C3505	TPD3C4005	TPD3C4505	TPD3C5005	-
6.0	30.5	TPD3C3506	TPD3C4006	TPD3C4506	TPD3C5006	TPD3C5506
7.0	31.5	TPD3C3507	TPD3C4007	TPD3C4507	TPD3C5007	TPD3C5507
8.5	33	TPD3C3508	TPD3C4008	TPD3C4508	TPD3C5008	TPD3C5508
10	34.5	TPD3C3510	TPD3C4010	TPD3C4510	TPD3C5010	TPD3C5510
11.5	34.5	TPD3C3511	TPD3C4011	TPD3C4511	TPD3C5011	TPD3C5511
13	36	TPD3C3513	TPD3C4013	TPD3C4513	TPD3C5013	TPD3C5513
15	38	TPD3C3515	TPD3C4015	TPD3C4515	TPD3C5015	TPD3C5515
Color		Yellow	Green	Blue	Red	Yellow

Taper Ultra Drill

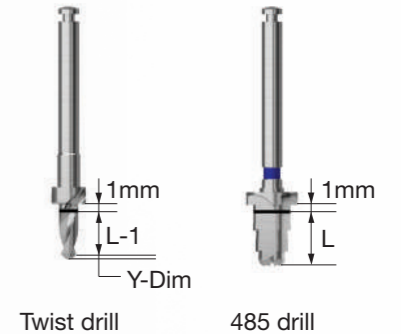
- Included in Taper Ultra KIT
- A dedicated taper drill for Taper Ultra-Wide implants of each diameter and length
- A stopper drill with 1mm margin
- Color coded handle indicates the implant diameter
- F = Final drill



L	F6.0	F7.0
6	TPD3C6006	TPD3C7006
7	TPD3C6007	TPD3C7007
8.5	TPD3C6008	TPD3C7008
10	TPD3C6010	TPD3C7010
11.5	TPD3C6011	TPD3C7011
13	TPD3C6013	TPD3C7013
Color	Green	Blue

485 Drill

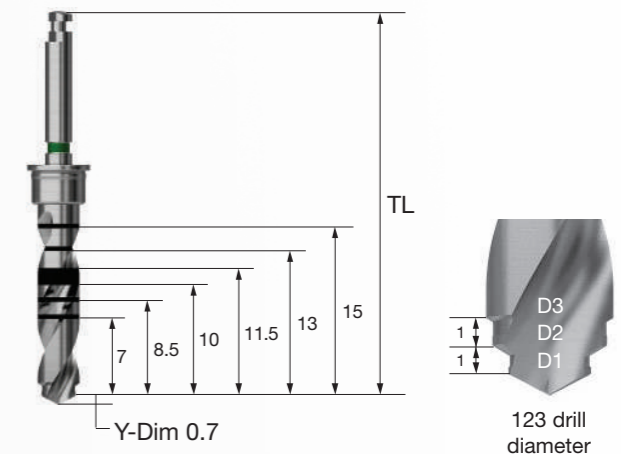
- Included in 485 KIT
- A drill for placing short implants in alveolar bone lacking in vertical dimension
- Ø 2.2 drill : straight drill
- Except for Ø 2.2 drill, the top blade of the drill is in the shape of CAS Drill, and the side blade is in the shape of taper drill
- A stopper drill with 1mm margin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



L	Type	Ø2.2	Pilot	F4.0	F4.5	F5.0	F5.5
4.0	O485D2204	O485D3504	O485D4004	O485D4504	O485D5004	O485D5504	
5.0	O485D2205	-	O485D4005	O485D4505	O485D5005	O485D5505	
6.0	O485D2206	O485D3506	O485D4006	O485D4506	O485D5006	O485D5506	
7.0	O485D2207	-	O485D4007	O485D4507	O485D5007	O485D5507	
8.5	O485D2208	-	O485D4008	O485D4508	O485D5008	O485D5508	

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

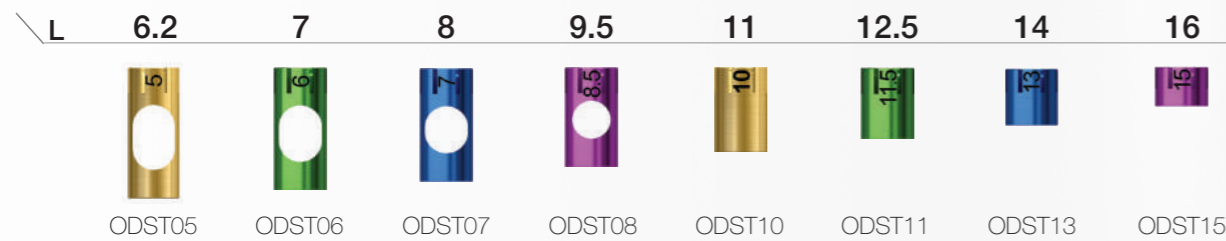


TL	D1 / D2 / D3			
	F3.5(Ø2.2 / 3.0)	F4.0(Ø3.0 / 3.6)	F4.5(Ø3.0 / 3.6 / 4.1)	F5.0(Ø3.0 / 4.1 / 4.6)
34	2D2230FNS	2D3036FNS	2D3041FNS	2D3046FNS
40.4	2D2230FNL	2D3036FNL	2D3041FNL	2D3046FNL
Color	Yellow	Green	Blue	Red

Surgical Instruments

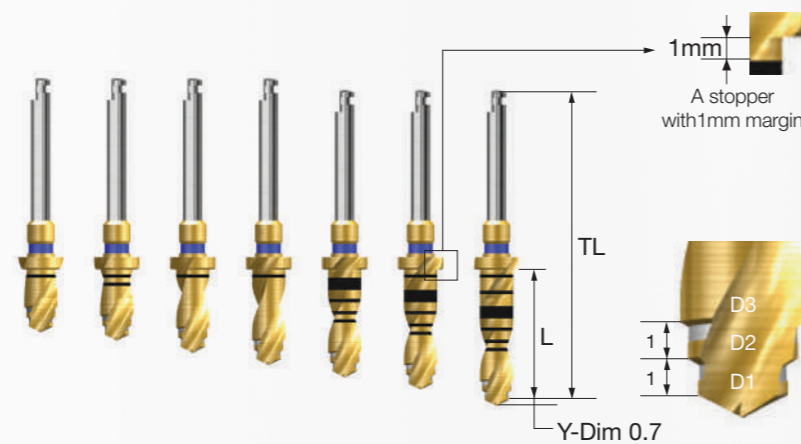
123 Drill Stopper

- 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)

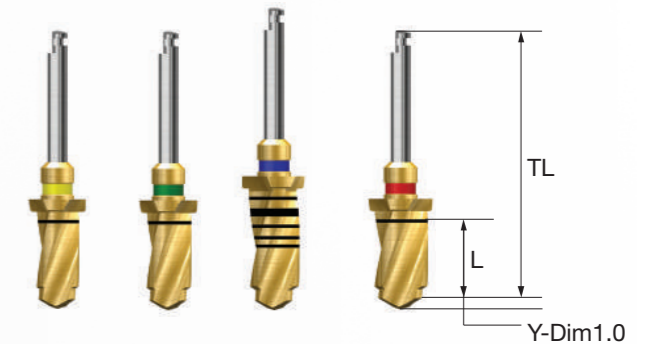
- Included in 123 Straight KIT/ 123 Straight Full KIT
- A straight drill to reduce the number of drilling (with stopper)
- A color-coded handle of the 123 Drill indicates the drill diameter and the main implant used
- F = Final drill



L	TL	D1 / D2 / D3			
		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	2D223006LC	2D303606LC	2D304106LC	2D304606LC
7	31.5	2D223007LC	2D303607LC	2D304107LC	2D304607LC
8.5	33	2D223008LC	2D303608LC	2D304108LC	2D304608LC
10	34.5	2D223010LC	2D303610LC	2D304110LC	2D304610LC
11.5	34.5	2D223011LC	2D303611LC	2D304111LC	2D304611LC
13	36	2D223013LC	2D303613LC	2D304113LC	2D304613LC
15	38	2D223015LC	2D303615LC	2D304115LC	2D304615LC
Color		Yellow	Green	Blue	Red

123 Ultra Twist Drill

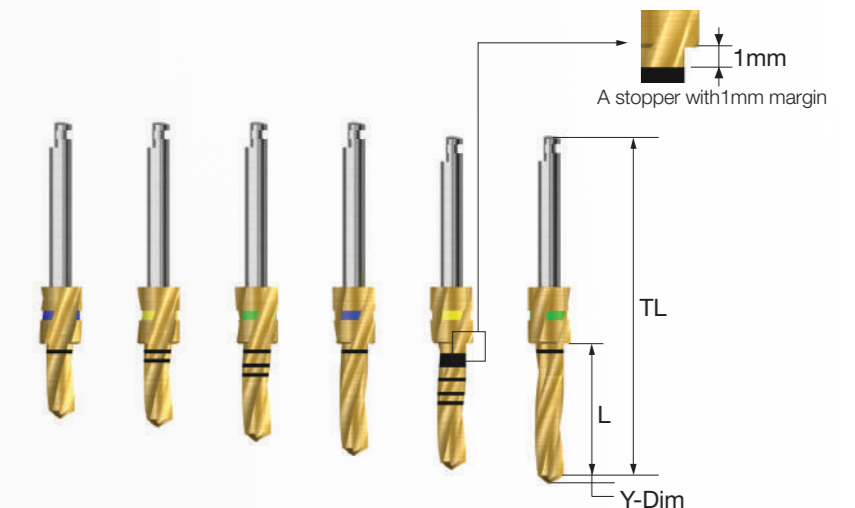
- Included in 123 Straight KIT/123 Straight Full KIT
- A 2-stage drill with functions of both Pilot Drill and Twist Drill
- A straight drill to reduce the number of drilling (with stopper)
- A dedicated drill is used for F7.0 implant in soft bone
- F = Final drill



L	TL	F3.5(Ø4.6 / 5.2)	F6.0(Ø4.6 / 5.5)	F7.0Soft(Ø5.5 / 6.2)	F7.0(Ø5.5 / 6.5)
6	30.5	3D465206T	3D465506T	-	3D556506T
7	31.5	3D465207T	3D465507T	-	3D556507T
8.5	33.5	3D465208T	3D465508T	-	3D556508T
10	34.5	3D465210T	3D465510T	-	3D556510T
11.5	34.5	3D465211T	3D465511T	-	3D556511T
13	36.0	3D465213T	3D465513T	3D556213T	3D556513T
Color		Yellow	Green	Blue	Red

Twist Drill (Stopper Drill)

- Included in New Hanaro KIT
- Long stopper (6mm)
- Enabling a procedure without drill extension for posterior region
- The color coded stopper indicates the drill length.

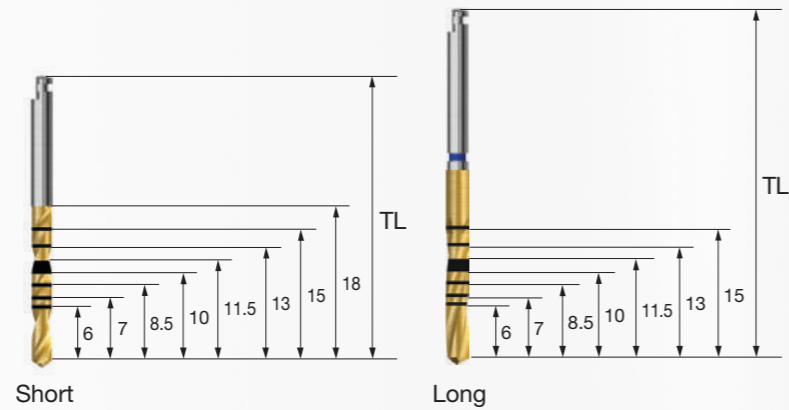


L	TL	D	Ø2.2	Ø3.0	Ø3.3	Ø3.6	Ø3.8	Ø4.1	Ø4.3	Ø4.6
			Y-Dim	0.6	0.9	1.0	1.0	1.0	1.0	1.0
6	30.5	2D2206LC	3D3006LC	-	-	3D3806LC	-	-	-	-
7	31.5	2D2207LC01	3D3007LC01	-	-	3D3807LC01	-	-	-	-
8.5	33	2D2208LC01	3D3008LC01	-	-	3D3808LC01	-	-	-	-
10	34.5	2D2210LC01	3D3010LC01	-	-	3D3810LC01	-	-	-	-
11.5	34.5	2D2211LC01	3D3011LC01	3D3311LC01	3D3611LC01	3D3811LC01	3D4111LC01	3D4311LC01	3D4611LC01	-
13	36	2D2213LC01	3D3013LC01	-	-	3D3813LC01	-	-	-	-

Surgical Instruments

Twist Drill (Non Stopper Drill)

- Included in New Hanaro KIT
- 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

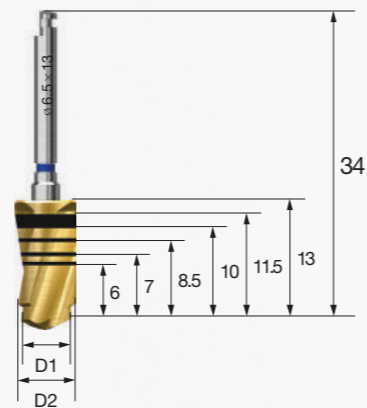


TL \ D	Ø1.5	Ø2.0	Ø2.2	Ø2.7	Ø3.0	Ø3.3
33	2D1518FNLC	2D2018FNLC	2D2218FNLC	3D2718FNLC	3D3018FNLC	3D3318FNLC
41	-	-	2D2215FNLC01	3D2715FNLC01	3D3015FNLC01	3D3315FNLC01

TL \ D	Ø3.6	Ø3.8	Ø4.1	Ø4.3	Ø4.6
33	3D3618FNLC	3D3818FNLC	3D4118FNLC	3D4318FNLC	3D4618FNLC
41	3D3615FNLC01	3D3815FNLC01	3D4115FNLC01	3D4315FNLC01	3D4615FNLC01

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

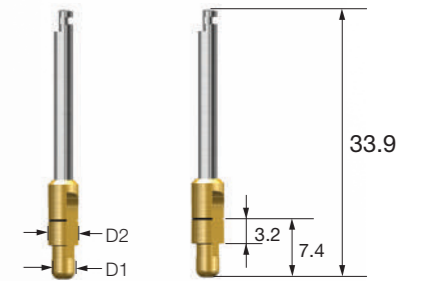


D1 / D2	Ø4.6 / 5.2	Ø4.6 / 5.5	Ø5.5 / 6.2	Ø5.5 / 6.5
	3D5213FNLC	3D5513FNLC	3D6213FNLC	3D6513FNLC

Long Shank Pilot Drill

- Included in New Hanaro KIT
- 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

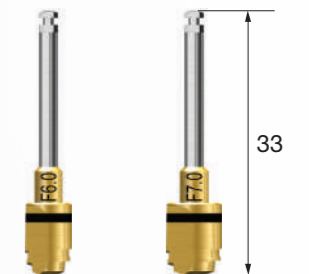
F3.5	F4.0	F4.5	F5.0	F5.5
TCD4C35	TCD4C40	TCD4C45	TCD4C50	TCD4C55



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)
- A dedicated drill equipped for each implant diameter
- Drilling up to the lower marking line recommended
- F = Final drill

F6.0	F7.0
CD4C60	CD4C70

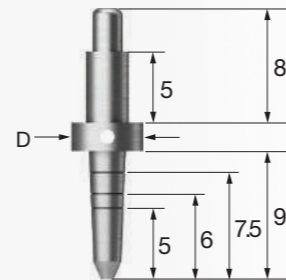


Surgical Instruments

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

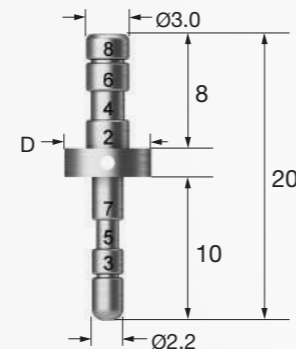
D	Ø4.0	Ø5.0
	OPLP400	OPLP500



Parallel Pin

- Included in New Hanaro KIT
- Used for checking the position and direction of bone preparation

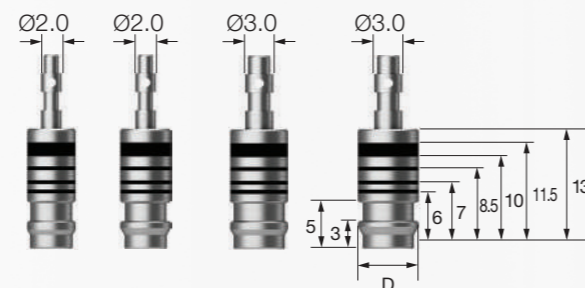
D	Ø4.0	Ø5.0	Ø6.0	Full Set
	APP400	APP500	APP600	APPS



Trial Pin (Ultra-wide)

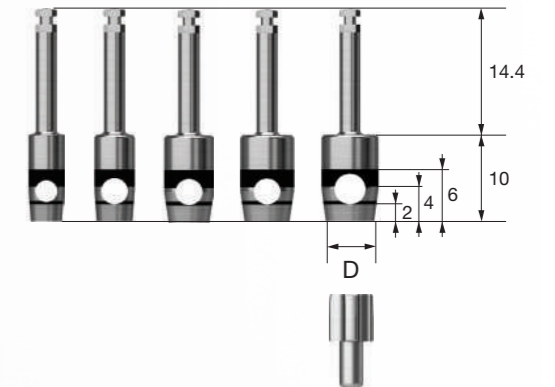
- 123 straight full kit, Included in Ultra KIT
- Checking the internal width and depth of a fresh extraction socket or a failed implant socket
- Checking the drilling depth after using Direct Drill as the final drill
- Used as Parallel Pin

D	Ø5.2	Ø5.5	Ø6.2	Ø6.5
	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
- ※ 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

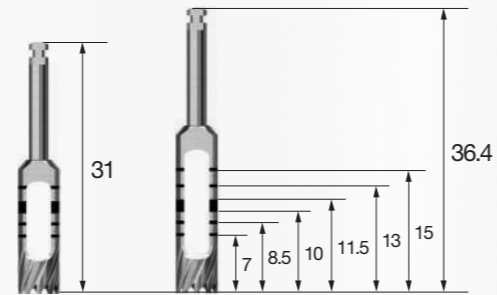


C \ D (Healing Abutment)	Ø4.0	Ø4.5	Ø5.0	Ø6.0	Ø7.0
TS Mini/Regular	GSBP40 Mini+Regular guide screw	GSBP45 Mini+Regular guide screw	GSBP50 Regular guide screw	GSBP60 Regular guide screw	GSBP70 Regular guide screw

Surgical Instruments

Trephine Drill

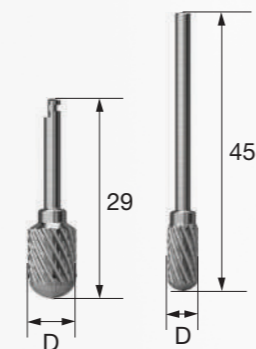
- Included in Assist KIT
- Used for bone collection or for removing damaged or failed implants
- Used for removing septal bone
- Used as an Initial Drill for Ultra-wide implants
- Recommended drilling speed: 1,000~1,200rpm



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
Long	TD37	TD42	TD47	TD52	TD57	TD62

Crest Remover

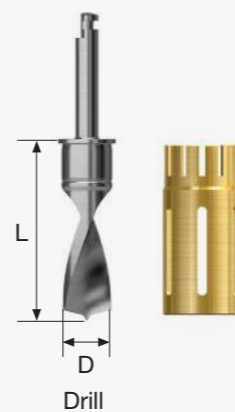
- Included in Assist KIT
- Marking the implant placement position after removing the narrow alveolar ridge horizontally
- Recommended drilling speed
 - Angled type : 1,200~1,500rpm
 - Straight type : 15,000~30,000rpm



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
- 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)	ABC304S	ABC404S	ABC504S	ABC604S
Long (21.94)	ABC304L	ABC404L	ABC504L	ABC604L

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

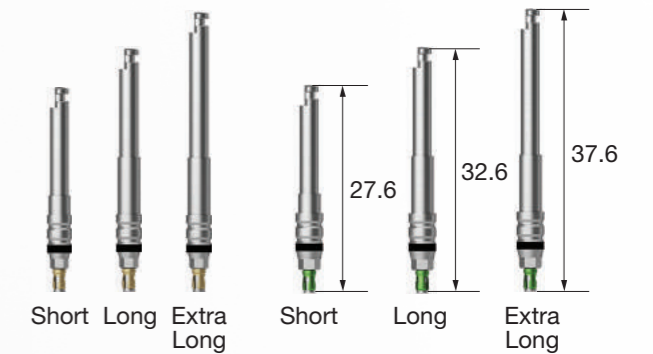
L (Extension)	16.9
	ODE



TS NoMount Driver

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

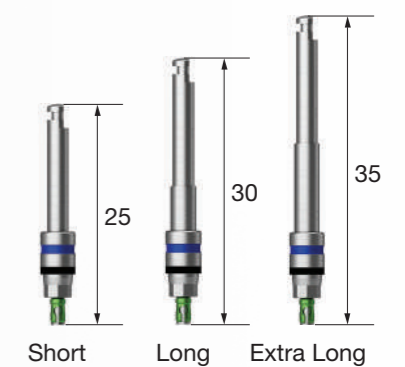
L \ C	Mini	Regular
Short	TSNMDMS	TSNMDRS
Long	TSNMDML	TSNMDRL
Ex.Long	TSNMDME	TSNMDRE



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

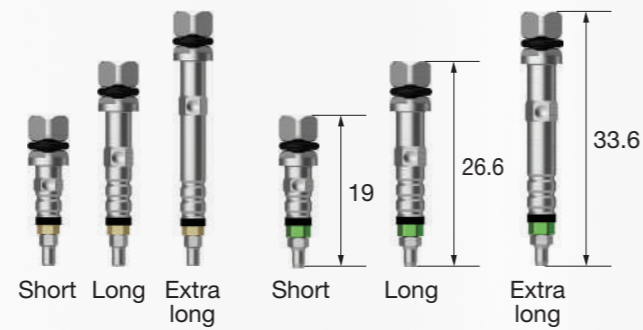


Surgical Instruments

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
- C = Connection

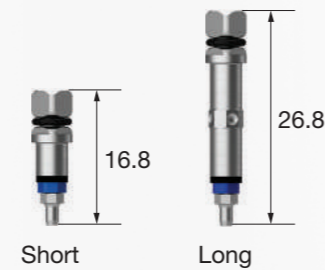
L \ C	Mini	Regular
Short	GSNMT32S	GSNMT35S
Long	GSNMT32L	GSNMT35L
Ex.Long	GSNMT32E	GSNMT35E



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

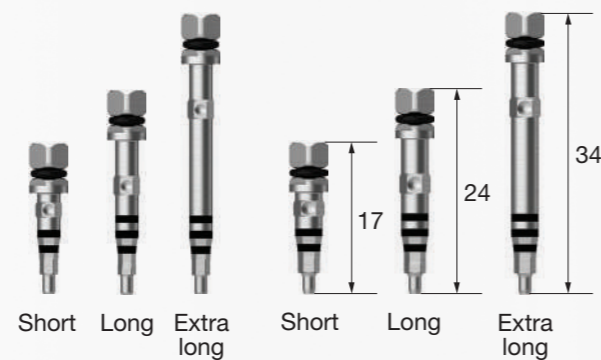
L \ C	Regular / Wide
Short	SSNMT39S
Long	SSNMT39L



TS Implant Driver

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

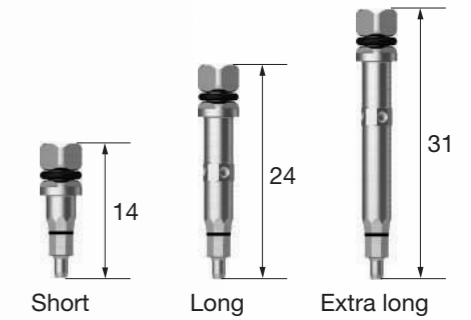
L \ C	Mini	Regular
Short	GSMFDS	GSRFDS
Long	GSMFDL	GSRFDL
Ex.Long	GSMFDE	GSRFDE



SS Implant Driver

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

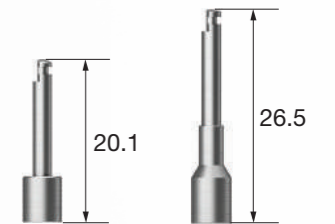
L \ C	Regular / Wide
Short	SSRFDS
Long	SSRFDL
Ex.Long	SSRFDE



Simple Mount Driver

- Used by assembling to the simple mount for implant placement

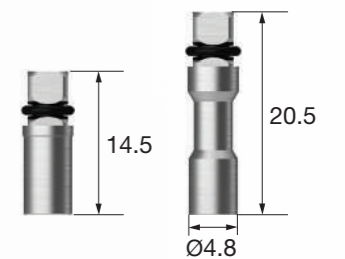
L \ C	
Short	ASMDS
Long	ASMDL



Simple Mount Extension

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

L \ C	
Short	ASMES
Long	ASMEL



Torque Extension

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

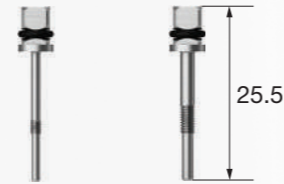
L \ C	
	OTE



Surgical Instruments

Removal Tool (Implant Mount)

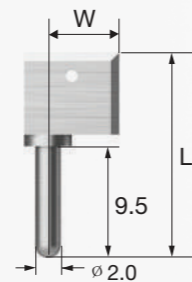
- Used after removing mount screw in case of jamming between the implant and mount
- Used by assembling to the driver handle and torque wrench
- Removing mount by rotating forward after inserting vertically
- App = Application



App	Mini (TS)	Regular (TS,SS)	Wide (SS)
	ERFM	HRFR	

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



W/L	2.5/21.5	6.0/17.5	11/17.5
	APG201	APG202	APG203

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



HGTSHG

Depth Gauge

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



OSDG

Simple Open Wrench

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



ASOW

Ratchet Wrench

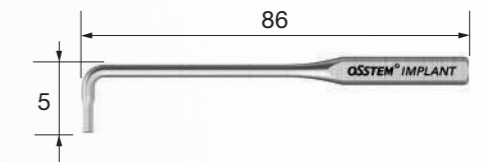
- A dedicated wrench for anti-reverse procedure
- Excessive torque exertion may result in internal damage to bone or implant



CITQW-1185A

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°)



LWC

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.



TW30

Surgical Instruments

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



TW30B

Torque Wrench Set

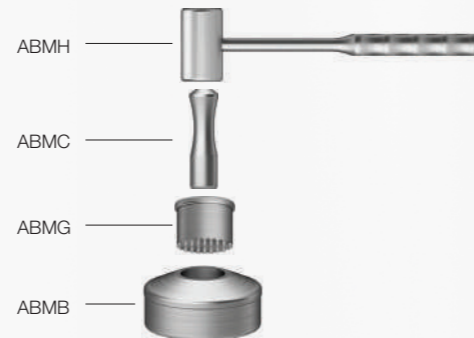
- A set of a two-way Torque Wrench and a Torque Connector
 - Applying forward/reverse torque by rotating the Torque Wrench handle without removing the connector
- Compatible with the Machine Driver connector of OSSTEM
- Applying torque according to the line marked with the torque value to be applied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



MX30

Bone Mill

- Forming particulate bone with collected autogenous bone



ABM

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



AHDI

Torque Handle

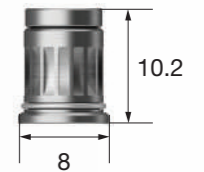
- Manual instrument used by connecting to the contra-angle hand piece (1:1 gear ratio for hand piece)
- Used for tightening screws such as Healing Abutment, Cover Screw, Abutment Screw, and Orthodontic Screw (used for temporary tightening of Abutment Screw, which requires final tightening with a Torque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



TQHD

Torque Connector

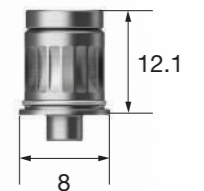
- Connector for connecting the torque square driver with a two-way Torque Wrench



ORC

Machine Driver Connector

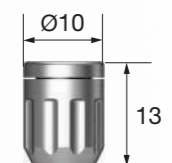
- Connector for connecting the Machine Driver with a two-way Torque Wrench



OMDC

Driver Handle

- Used by connecting to the Torque Driver



TIDHC

Surgical Instruments

Machine Driver Handle

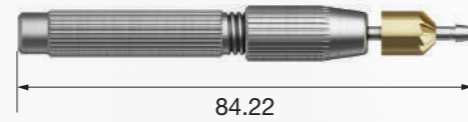
- Enabling hand rotation by connecting to any surgical instrument for engine



OMDH

Finishing Reamer Set

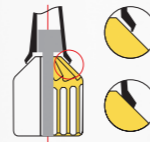
- Used for removing lip from the inside of the casted body after casting plastic coping



FRSC

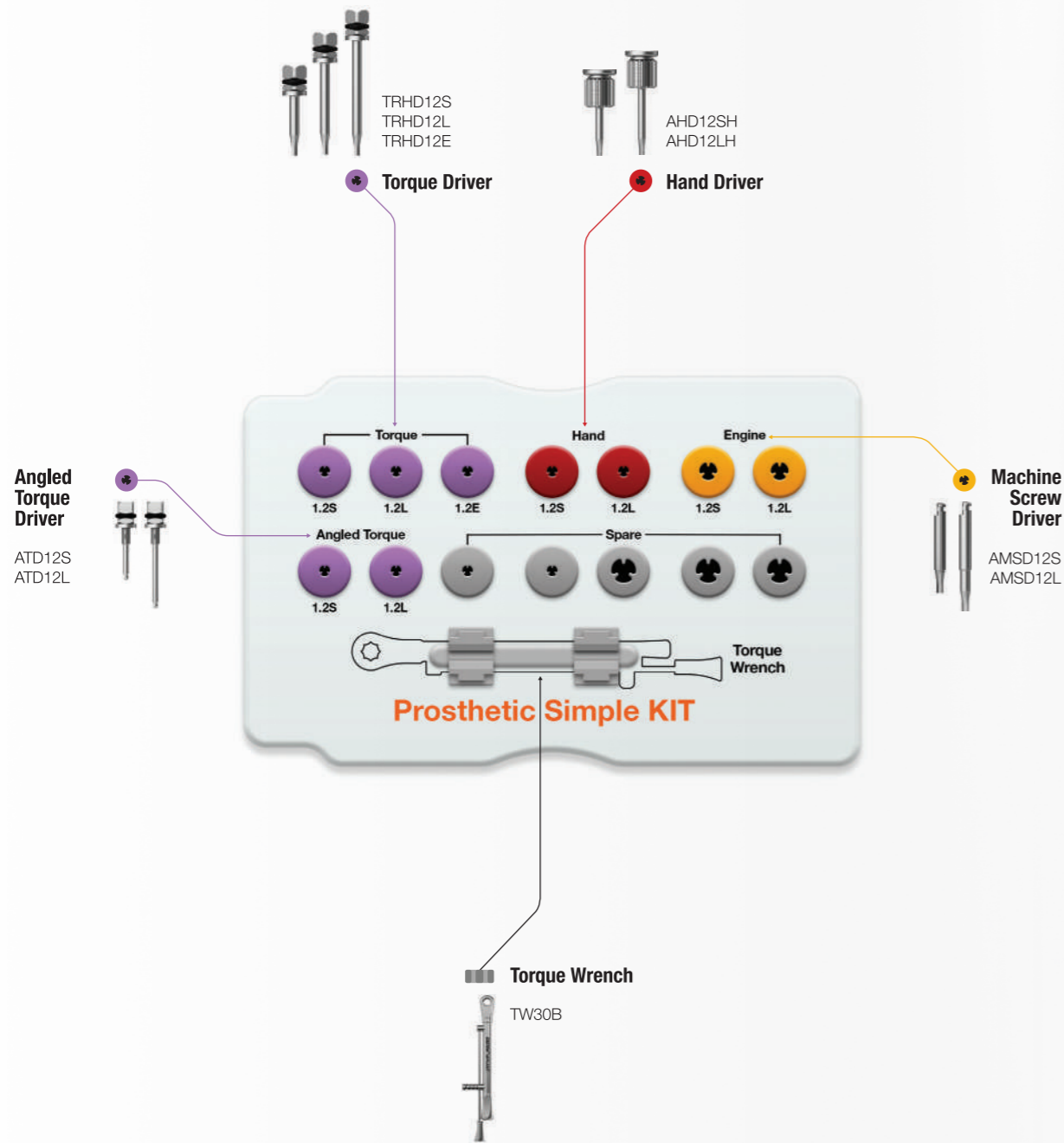
Reamer user guide

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

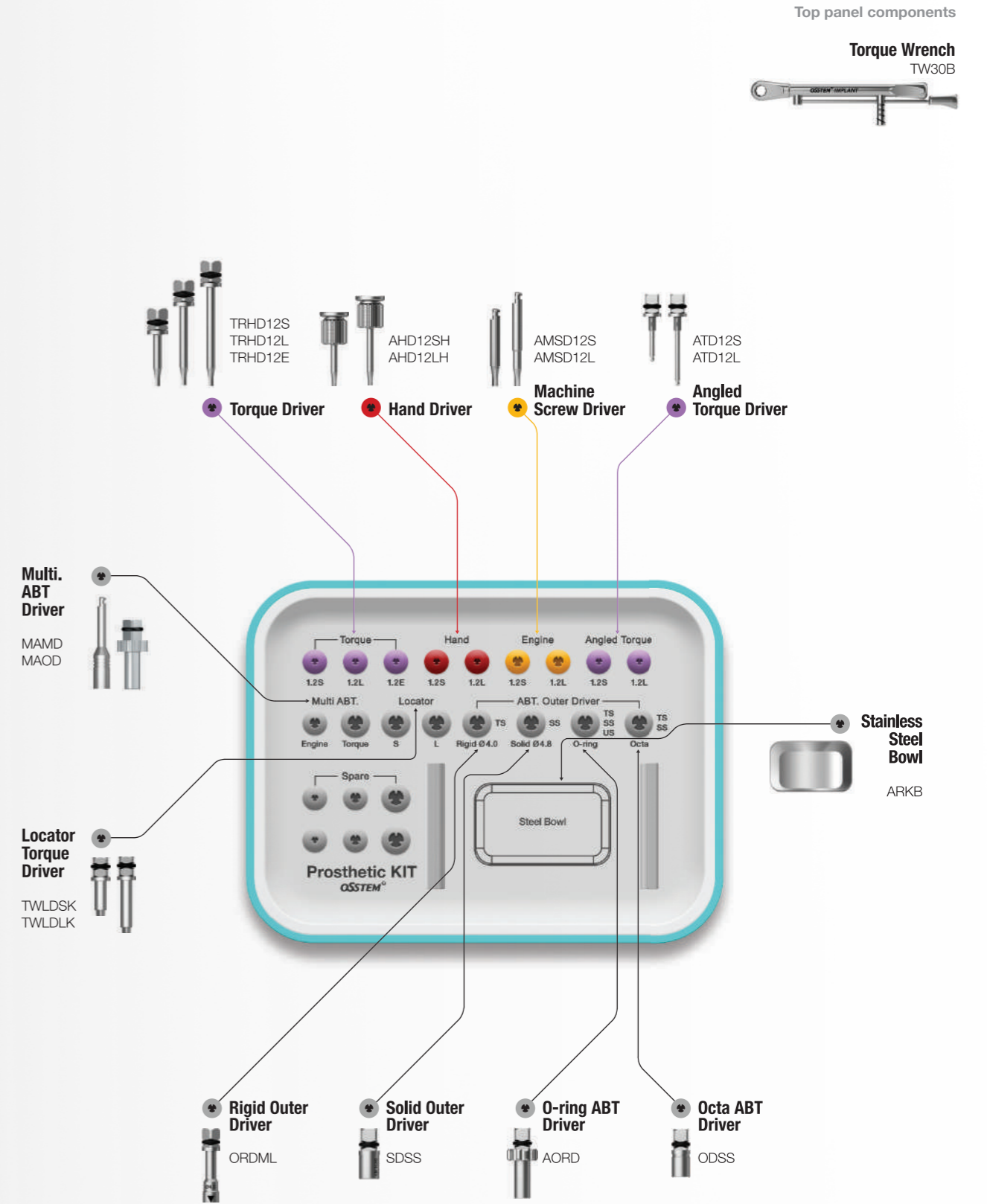


OSSTEM[®]
IMPLANT

Prosthetic Simple KIT (OPSK)



Prosthetic KIT (OPK)



Top panel components

Torque Wrench
TW30B

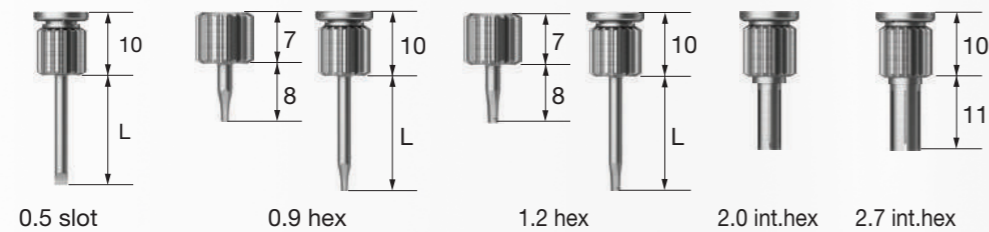


Stainless Steel Bowl
ARKB

Prosthetic KIT Surgical Instruments

Hand Driver

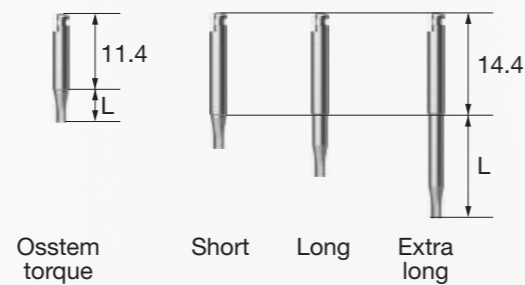
- Manual driver
- Tip holding feature (except internal hex type)
- Internal hex type length: 11



L \ Type	0.5 Slot	0.9 Hex	1.2 Hex	2.0 Int.Hex	2.7 Int.Hex
Ex.Short (8)	-	AHD09MSH	AHD12MSH	-	-
Short (13)	ASD05SH	AHD09SH	AHD12SH	IHD20H	IHD27H
Middle (15)	-	-	AHD12MH	-	-
Long (18)	ASD05LH	AHD09LH	AHD12LH	-	-
Ex.Long (25)	-	-	AHD12EH	-	-

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)	AMSD05S	AMSD09S	AMSD12S	-	-
Long (11.6)	AMSD05L	AMSD09L	AMSD12L	EIHD20	EIHD27
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

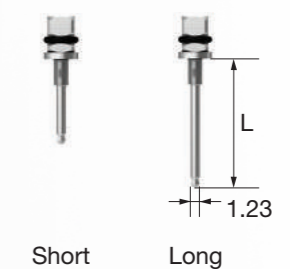
- A driver for Torque Wrench assembly
- Tip holding feature
- Compliance to the recommended torque is required (excessive torque may result in fracture)
- Risk of fracture even at low torque in case of inadequate assembly
- Exerting torque with the driver straight up is required (with no tilting)
- Be 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)	TRSD05S	TRHD09S	TRHD12S	TIHD20S	-
Middle (15)	-	-	TRHD12M	-	-
Long (20)	TRSD05L	TRHD09L	TRHD12L	TIHD20L	TIHD27
Ex.Long (25)	TRSD05E	-	TRHD12E	-	-

Angled Torque Driver

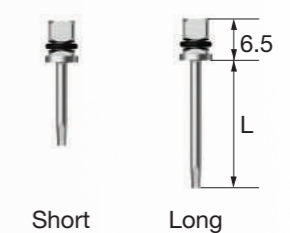
- A driver for Torque Wrench assembly
- No holding feature
- Recommended tightening torque: 30Ncm (excessive torque may result in fracture)
- Do not remove the tube preventing debris upon fracture
- Recommended number of use cycles: 10 times
- Set : 3ea



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

Repair Torque Driver

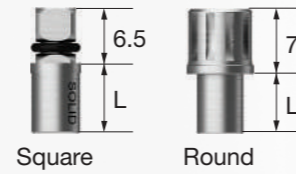
- Handle diameter reduced compared to Torque Driver (Ø2.1 → Ø1.6)
- Enables minimization of crown hole diameter for prosthesis repair or SCR procedure



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

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

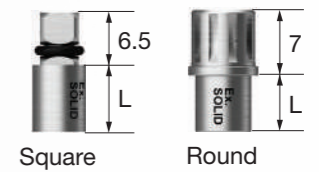
L \ Type	Square	Round
Short (6)	SDSS	SDRS
Long (12)	SDSL	SDRL

Wide

L \ Type	Square
Short (10)	SD60S

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
Short (6)	ESDSS	ESDRS
Long (12)	ESDSL	ESDRL

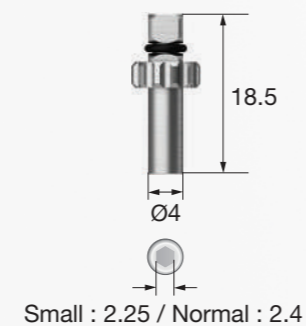
Wide

L \ Type	Square
Short (10)	ESD60S

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

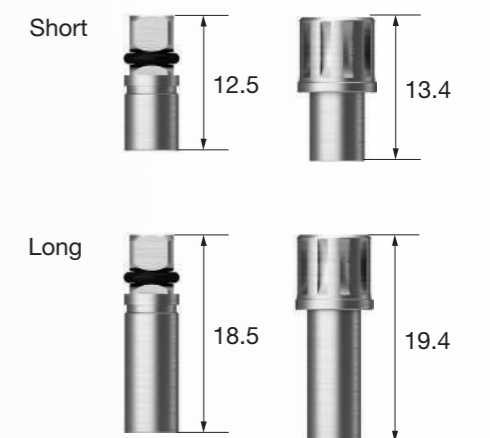
L \ D (Abutment)	Ø4.0	Ø4.5	Ø5.0	Ø6.0
Short (16.5)	ORDMS	ORD45S	ORDRS	ORDWS
Long (21.5)	ORDML	ORD45L	ORDRL	ORDWL



Octa Abutment Driver

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

L \ Type	Square	Round
Short	ODSS	ODRS
Long	ODSL	ODRL



Multi Abutment Machine Driver

- A dedicated Machine Driver for Multi Abutment



Abutment Holder

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

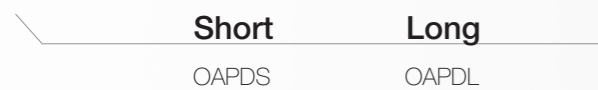


Abutment Positioning Driver

- 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
- 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					≥10				
H + G/H	5	6	7	8	9	10	11	12	13	14



Multi Abutment Outer Driver

- A dedicated Torque Driver for Multi Abutment



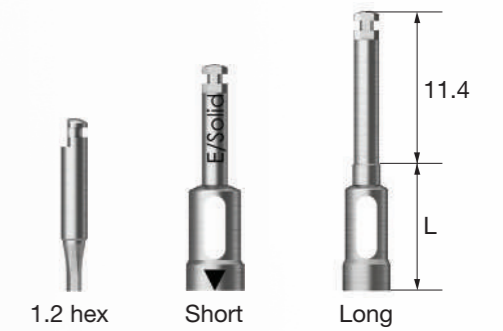
Locator® Torque Driver

- A dedicated Torque Driver for Locator Abutment



Osstem Torque Driver

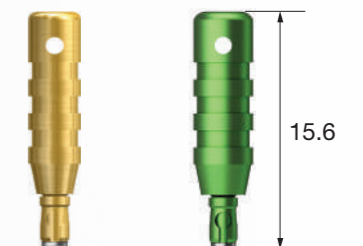
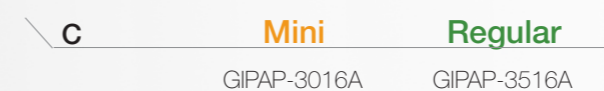
- Dedicated driver for Osstem Torque, which may not be compatible (connected or separated) with a general hand piece
- Used after matching the triangle on the outside of the driver with the groove or side of the abutment
- Solid and Excellent Solid Driver are only compatible with Ø4.8
- 1.2 hex type 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
Long (15)	-	OTR40L	OTR45L	OTR50L	OTR60L	OTS48L	OTE48L

Path Probe (TS)

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



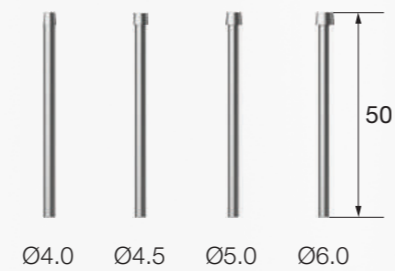
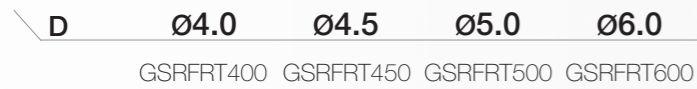
Reamer Bite

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



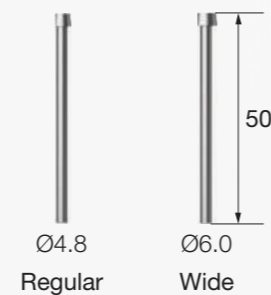
Reamer Tip (Rigid Abutment)

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



Reamer Tip (Solid, Excellent Solid Abutment)

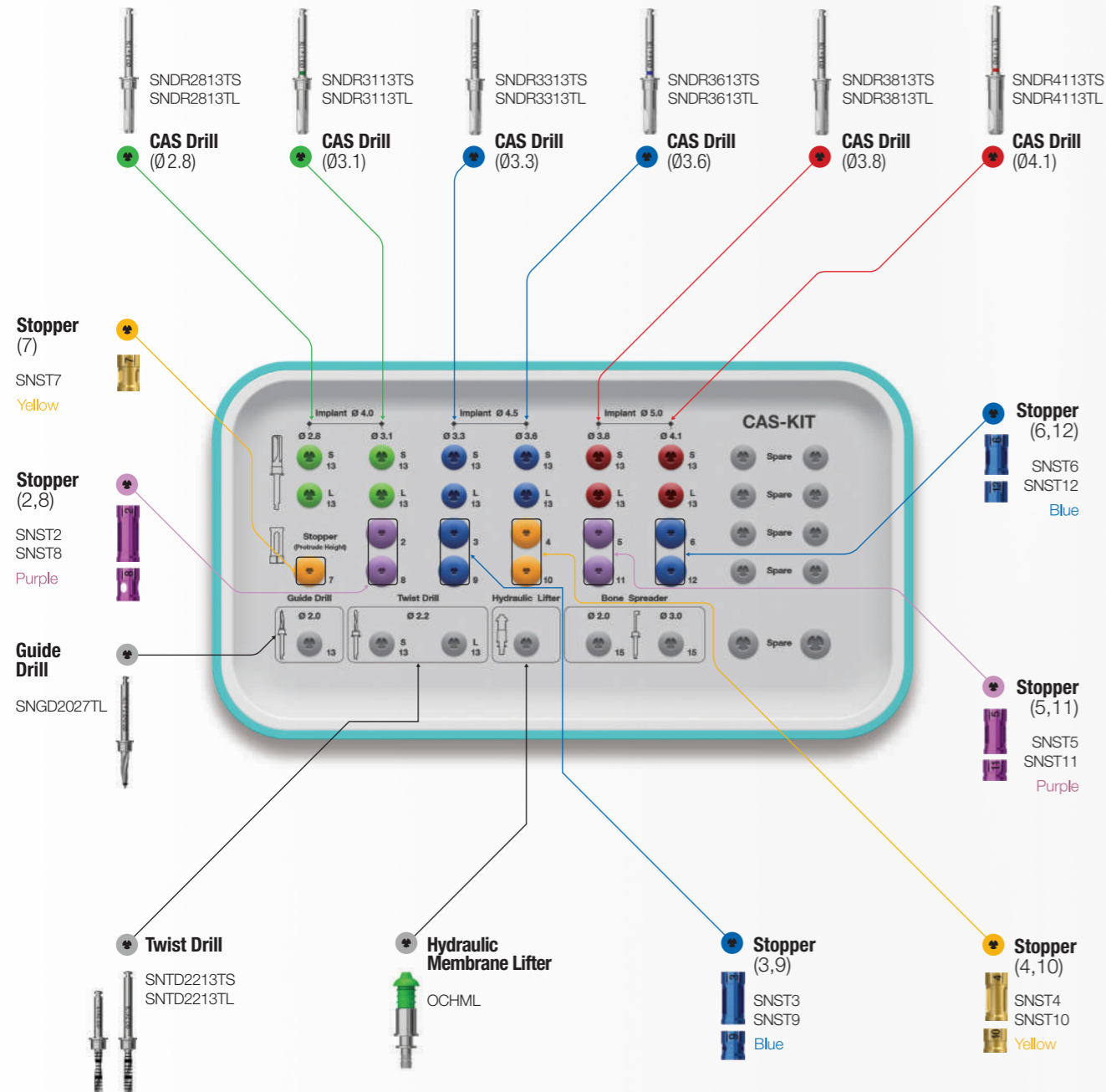
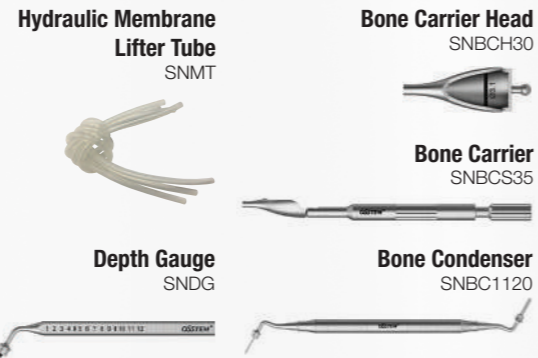
- Guide part inserted into the casted body for removing lip from the inside after casting plastic coping
- For Solid Ø6.0 and Excellent Solid Ø4.8
- P= Platform



CAS KIT (HCRSNK)

Applicable Products **TSIII/IV** **SSIII**

Top panel components Lower panel components

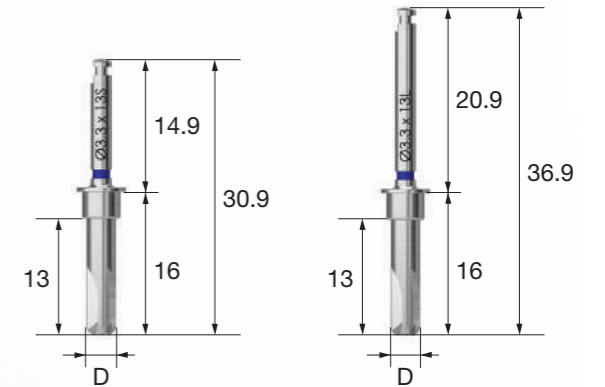


• For ordering codes of single item of CAS KIT, see 255~258 Page

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)

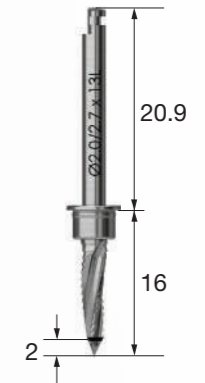


L \ D	Ø2.8	Ø3.1	Ø3.3	Ø3.6	Ø3.8	Ø4.1
Short	SNDR2813TS	SNDR3113TS	SNDR3313TS	SNDR3613TS	SNDR3813TS	SNDR4113TS
Long	SNDR2813TL	SNDR3113TL	SNDR3313TL	SNDR3613TL	SNDR3813TL	SNDR4113TL

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

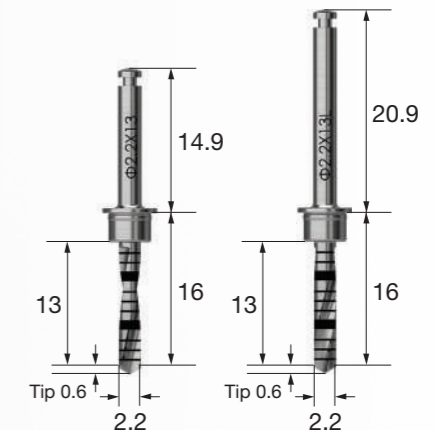
D	Ø2.0 / 2.7
	SNGD2027TL



Twist Drill (Ø2.2)

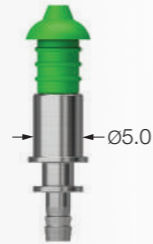
- Drilling 1mm under the remaining bone recommended
- Stopper assembled for safe lifting
- End line tip: 0.6mm

L \ D	Ø2.2
Short	SNTD2213TS
Long	SNTD2213TL



Hydraulic Membrane Lifter Set

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



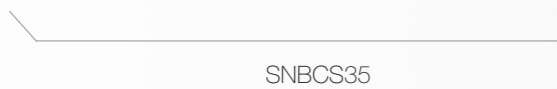
Stopper

- 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



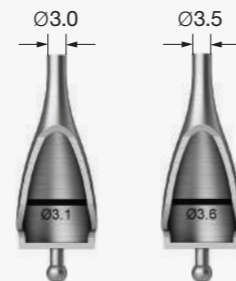
Bone Carrier

- 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



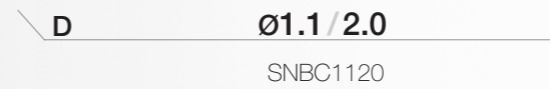
Bone Carrier Head

- 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



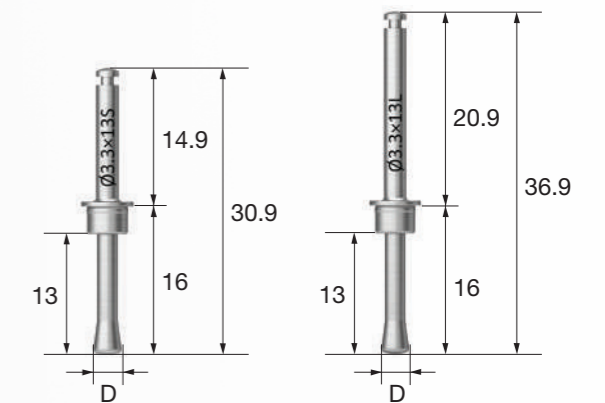
Hydraulic Membrane Lifter Tube

- Connected to the hydraulic membrane lifter



Membrane Lifter

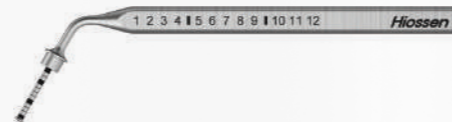
- Safe lifting of the membrane due to the round shape with no cutting edge
- Lifter selected according to the CAS-Drill diameter as membrane lifting is performed after using the CAS-Drill (head diameter is CAS Drill diameter - 0.2mm)
- CAS Stopper assembled and used for adjusting the depth
- Recommended 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

Depth Gauge

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

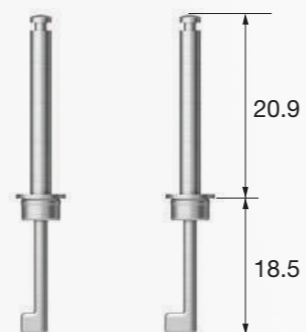


SNDG

Bone Spreader

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

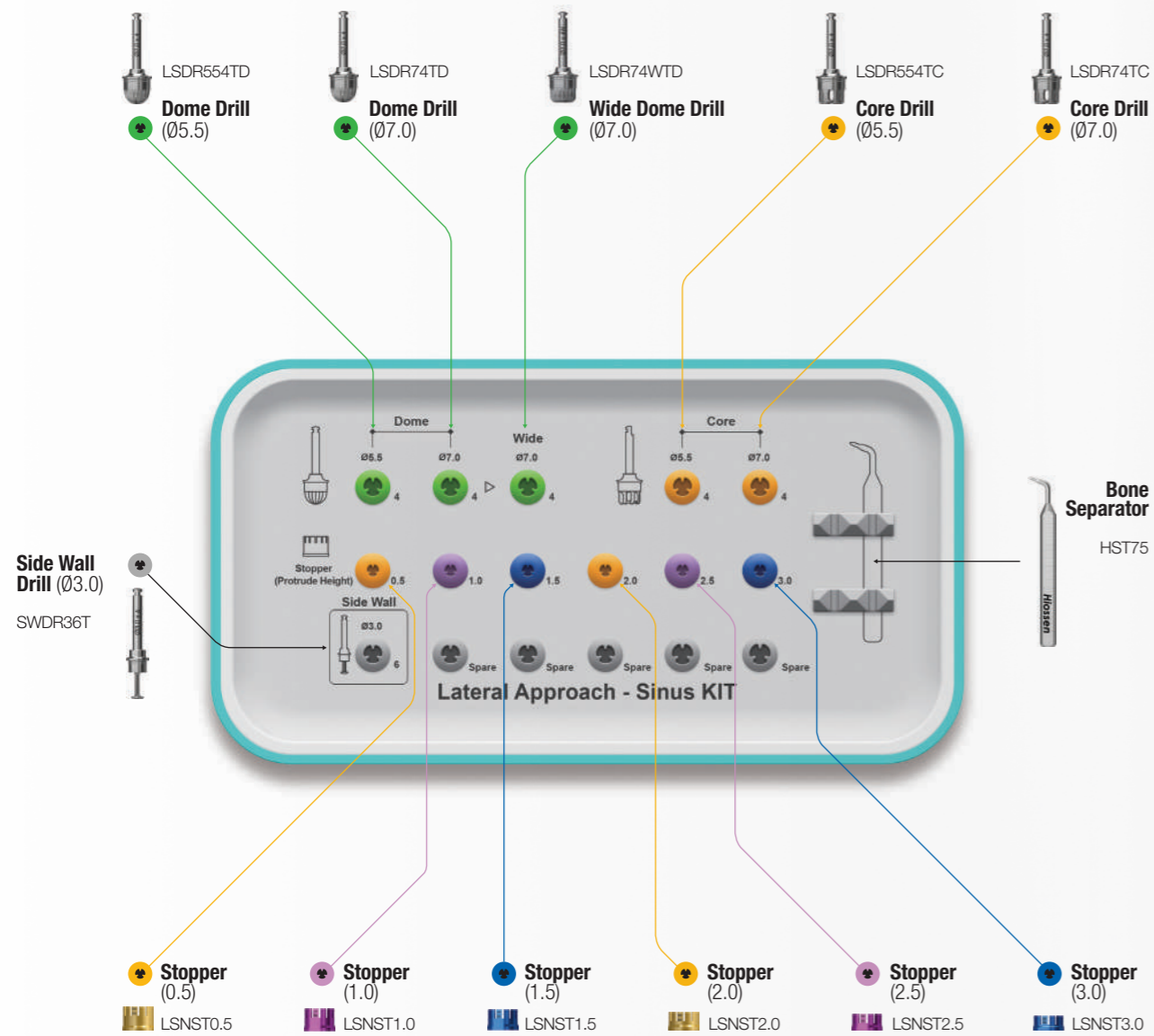
SNYCT



OSSTEM[®]
IMPLANT

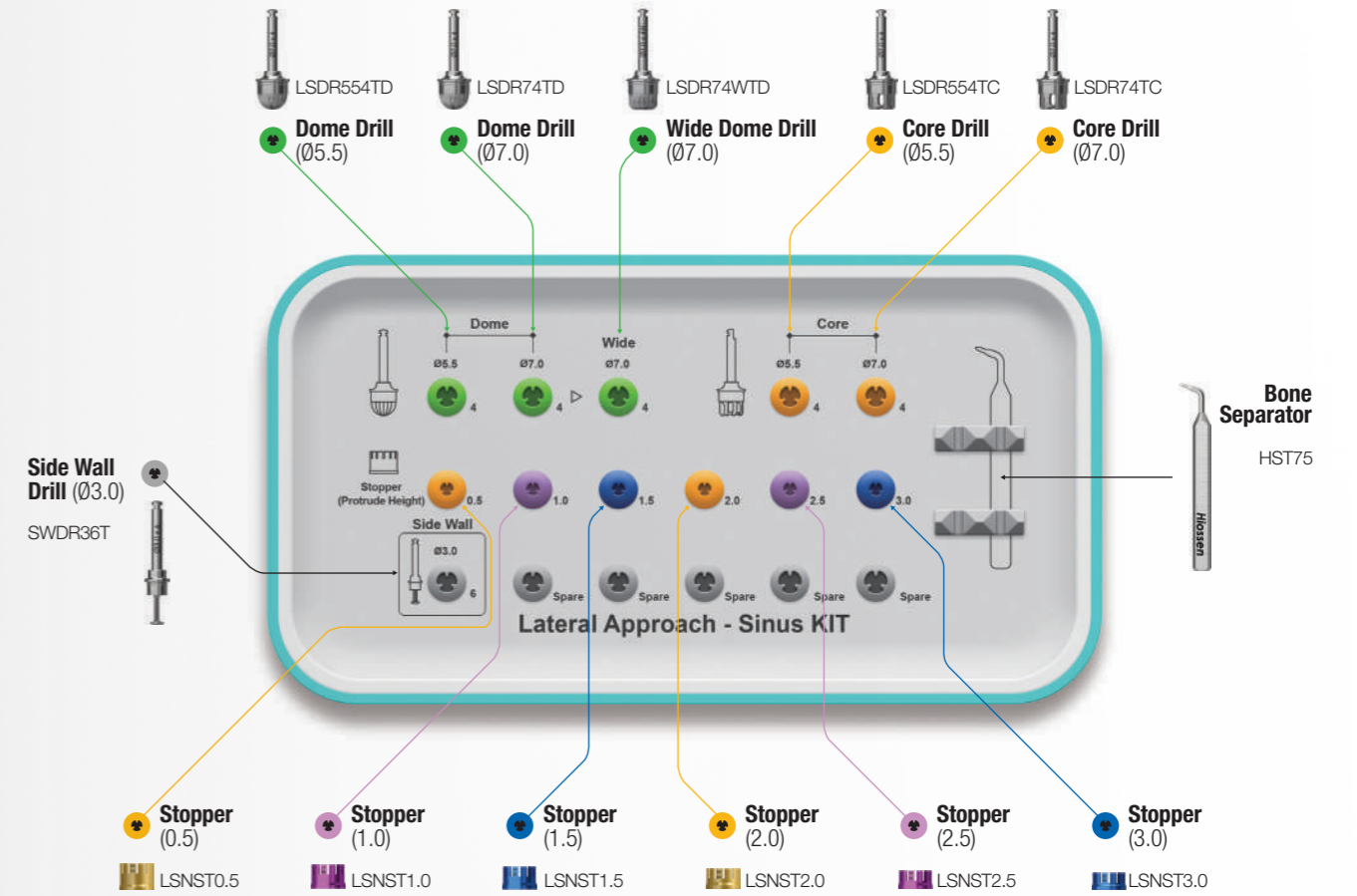
LAS KIT (HLRSNK)

- 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

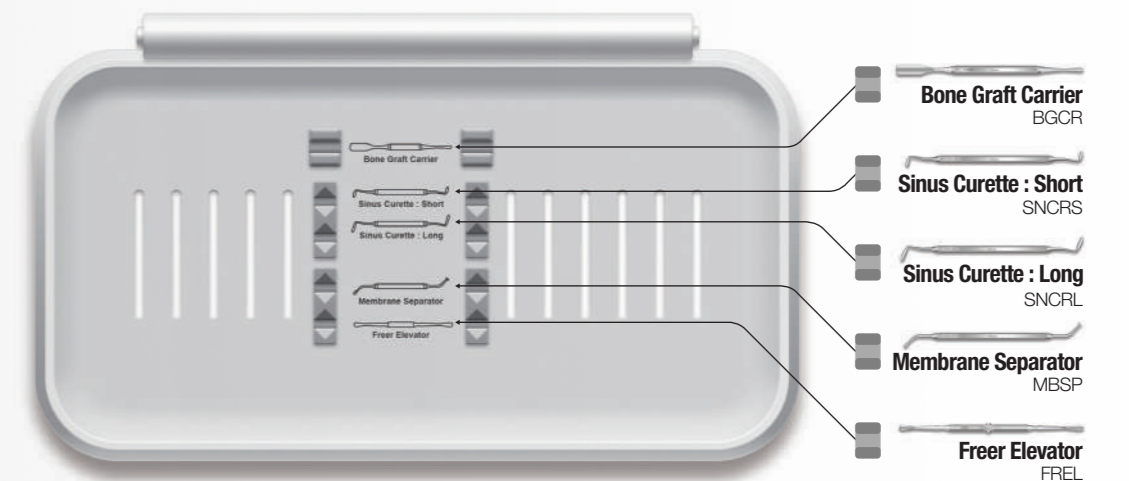


LAS Full KIT (HLRSNKP)

- 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

• 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)

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
- ※ Over-drilling may result in damage to the membrane

L \ D	Ø5.5	Ø7.0	Wide Ø7.0
25	LSDR54TD	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	LSDR54TC	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

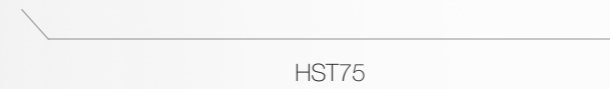


Side Cutting edge height (mm)	1.0	2.0	3.0	4.0	5.0
CAS KIT stopper (mm)	8.0	9.0	10	11	12
Side wall drill + CAS KIT stopper					

※ Depth adjusted by the use of CAS KIT Stopper in common

Bone Separator

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



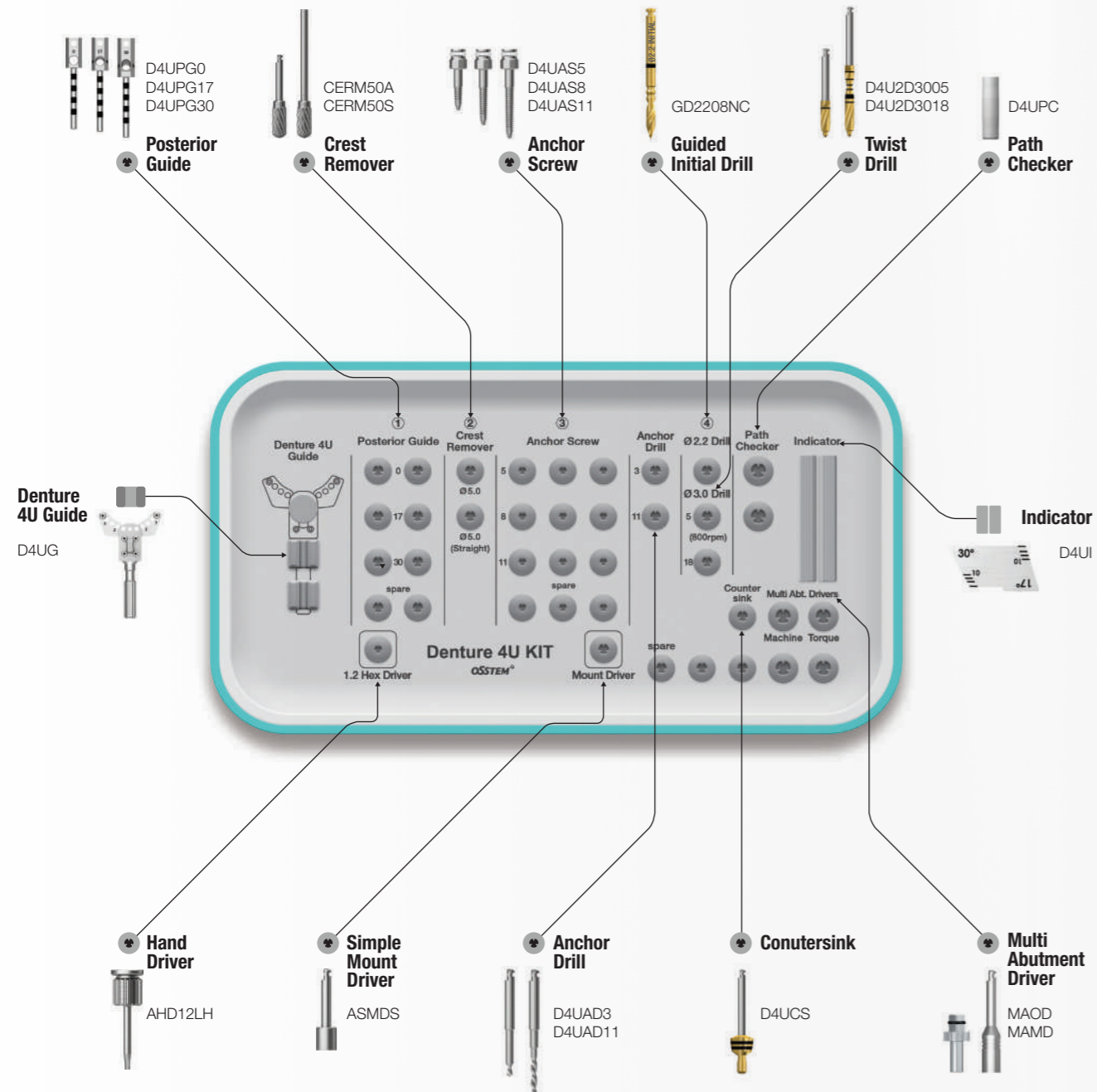
Stopper

- 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

L	0.5	1.0	1.5	2.0	2.5	3.0
	LSNST0.5	LSNST1.0	LSNST1.5	LSNST2.0	LSNST2.5	LSNST3.0
Color	Yellow	Purple	Blue	Yellow	Purple	Blue

Denture 4U KIT (OD4UK)

Applicable Products **TSII / III**



SURGICAL KIT

Denture 4U KIT Surgical Instruments

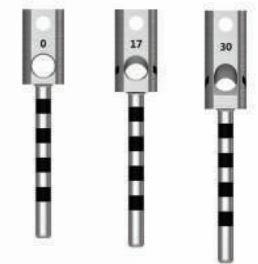
Denture 4U Guide

- 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

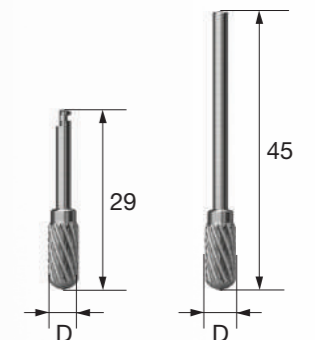


Bottom of the marking line → Check mesial direction

SURGICAL KIT

Crest Remover

- Used for bone flattening for Denture 4U Guide procedure
- 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
- 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

- 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

L \ D	Ø2.2
5	GD2208NC



Twist Drill

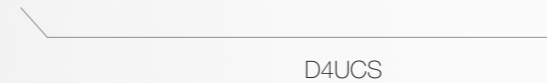
- Drilling is performed by slowly entering the guide hole, with the angle matched as much as possible, referring to the marking line on the side of the Posterior Guide hole
- Drilling depth adjusted by drilling to the bottom marking line in the mesial direction
- Marking line spacing of the rod: 2mm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



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

L
Short ASMDS



Multi Abutment Machine Driver

- A dedicated Machine Driver for Multi Abutment

MAMD



Multi Abutment Outer Driver

- A dedicated Torque Driver for Multi Abutment

MAOD



OSSTEM[®]
IMPLANT

Positioning Guide KIT (OPGPK)

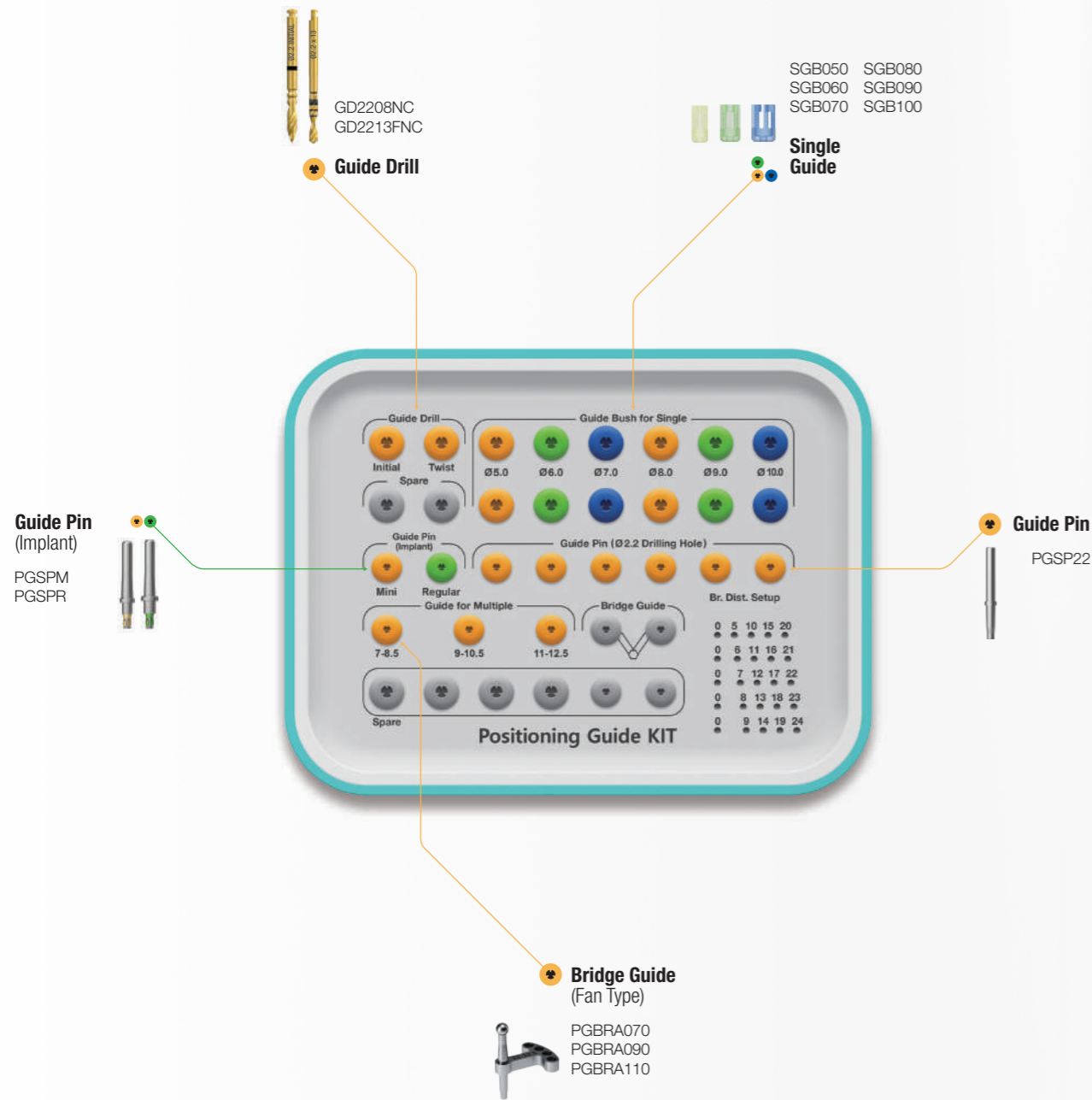
Positioning Guide Full KIT (OPGAK)

SURGICAL KIT

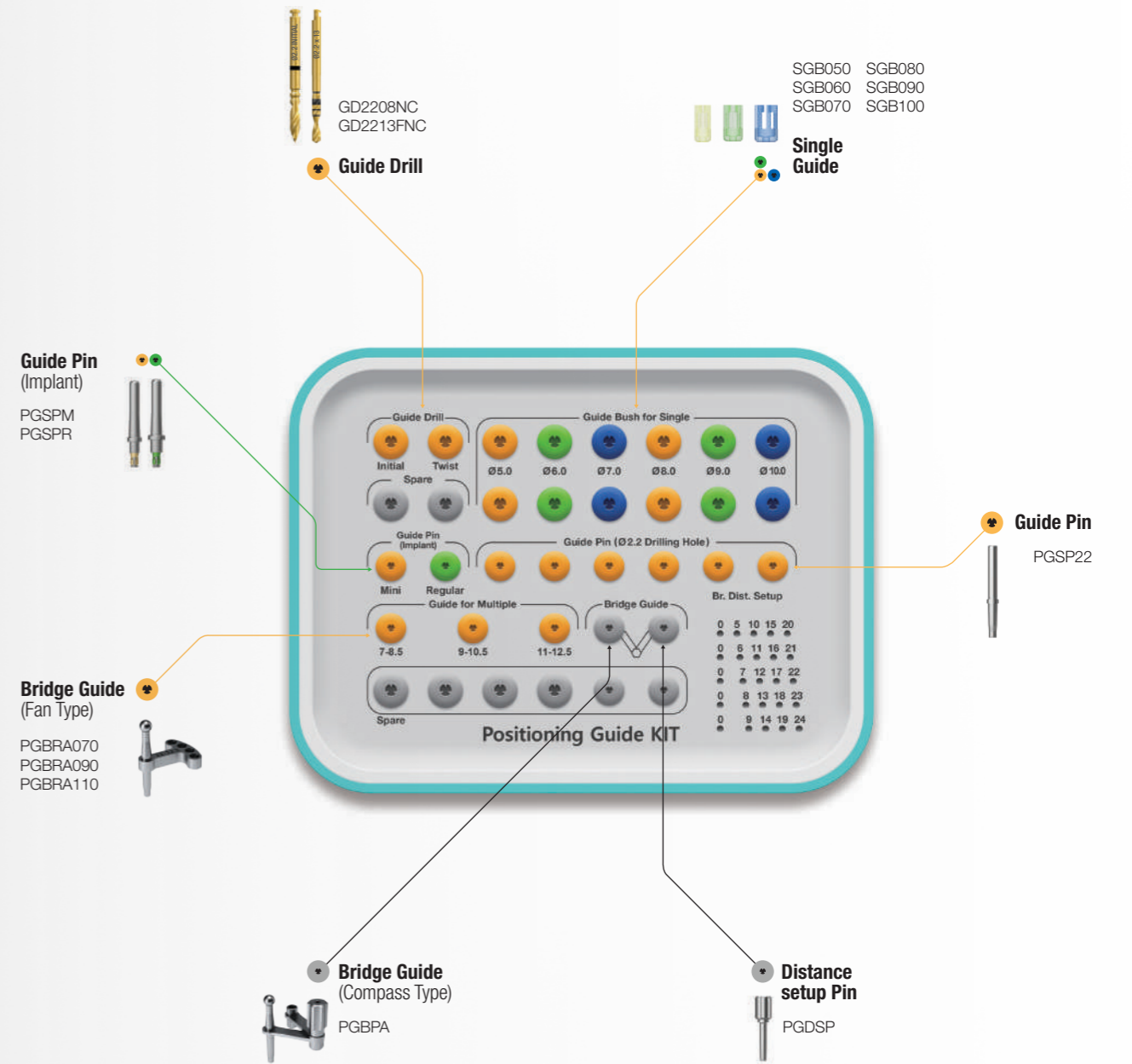
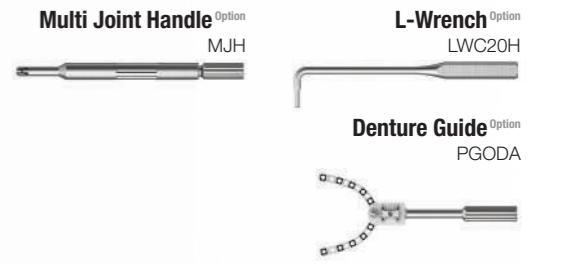
SURGICAL KIT

270

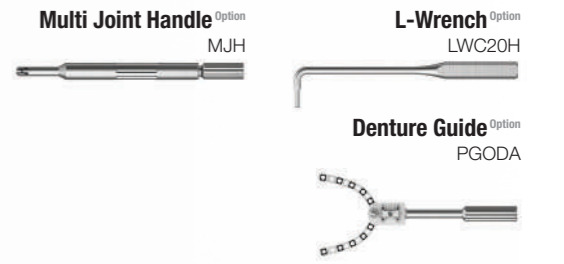
271



Lower panel components



Lower panel components

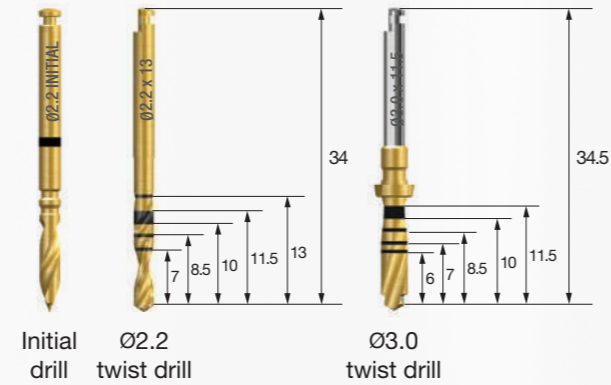


Positioning Guide KIT Surgical Instruments

Guide Drill

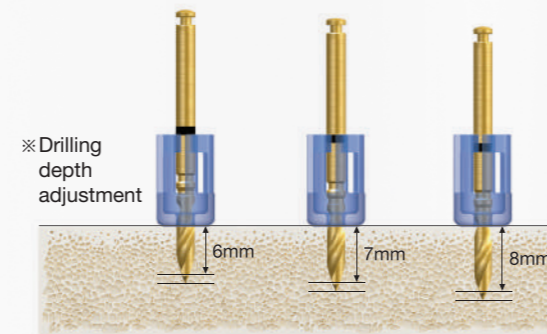
- Initial drill : For initial drilling, assemble to the Single Guide to adjust the drilling depth
- Ø2.2 twist drill : Used with the bridge guide for initial drilling
- Ø3.0 twist drill : For subsequent drilling of Ø2.2 Twist Drill drilling path guide

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

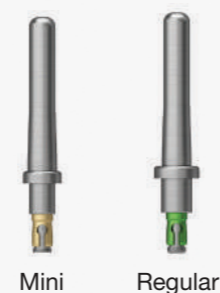


F5.0	F6.0	F7.0	F8.0	F9.0	F10.0
SGB050	SGB060	SGB070	SGB080	SGB090	SGB100

Guide Pin (Implant)

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

C	Mini	Regular
	PGSPM	PGSPR



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



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



Distance Setup Pin Option

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



SmartGuide KIT (OSGK)

Lower panel components

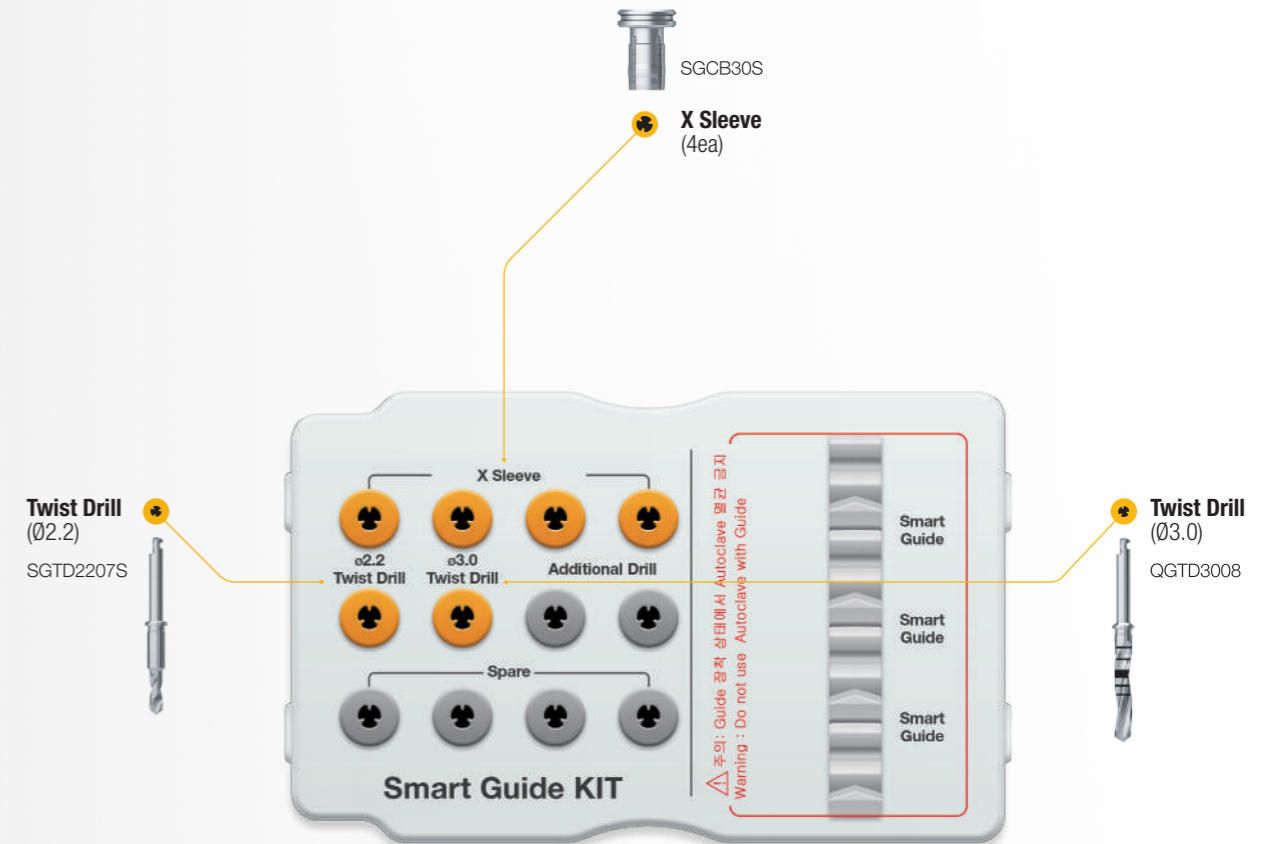
Guide Pin (4ea)
SGP22



Round bur (2ea)
RAHM1018



Twist Drill (2ea) (Ø2.2) For working models
2D2208LC01







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)

Type	Single	Free-end Bridge	2-Unit Br.: small	2-Unit Br.: large
				
	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
- 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

	SGCB30S
--	---------



Twist Drill (Ø2.2) 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)

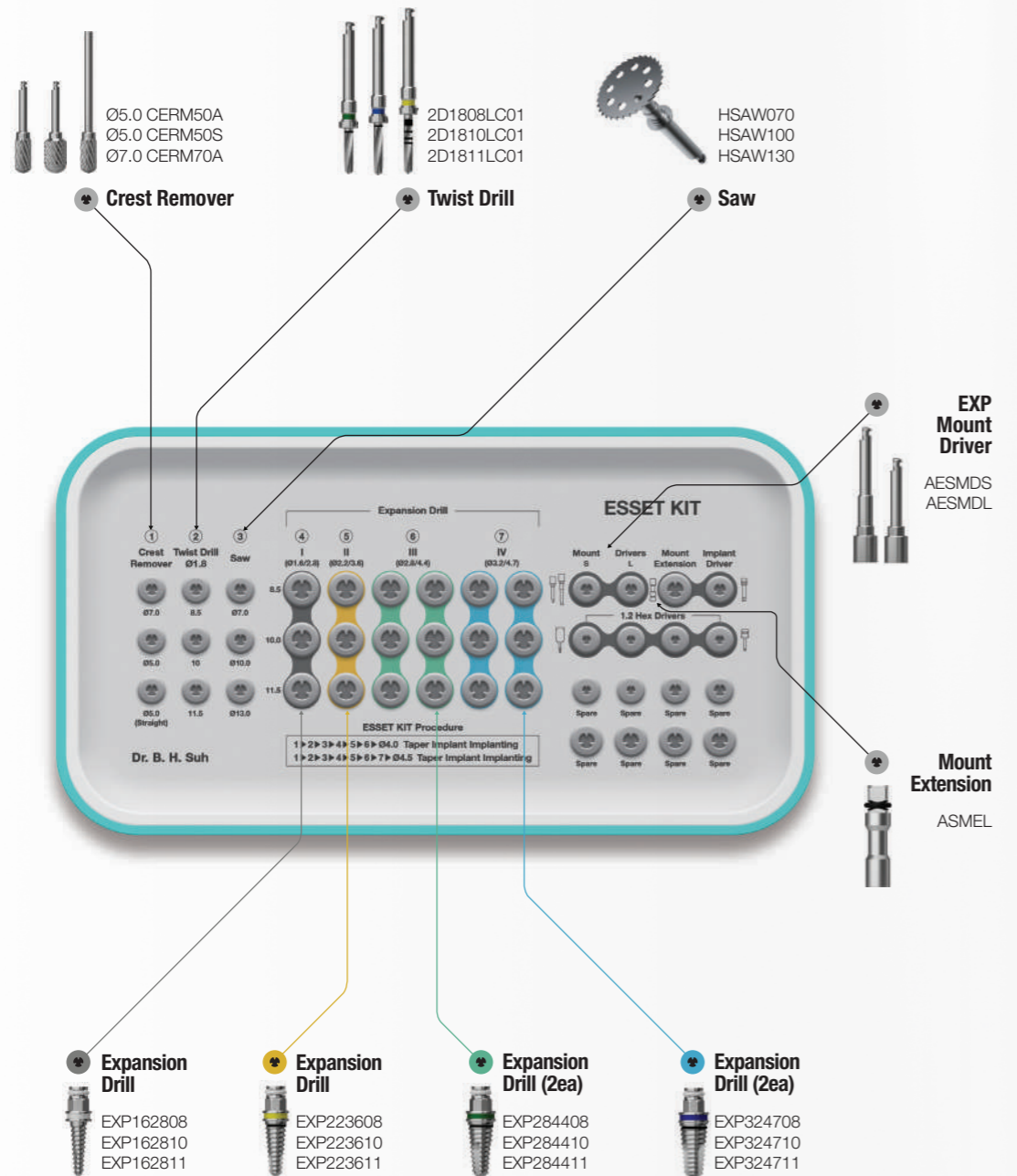
Applicable Products **TSII / III** **SSII / III**

Lower panel components

Torque Wrench
TQWCB



Depth Gauge
ODG



Crest Remover
 Ø5.0 CERM50A
 Ø5.0 CERM50S
 Ø7.0 CERM70A

Twist Drill
 2D1808LC01
 2D1810LC01
 2D1811LC01

Saw
 HSAW070
 HSAW100
 HSAW130

EXP Mount Driver
 AESMDS
 AESMDL

Mount Extension
 ASMEL

Expansion Drill
 EXP162808
 EXP162810
 EXP162811

Expansion Drill
 EXP223608
 EXP223610
 EXP223611

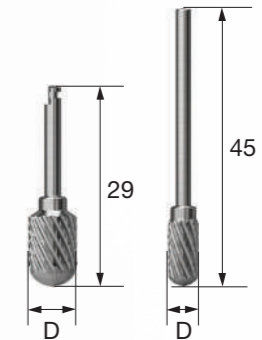
Expansion Drill (2ea)
 EXP284408
 EXP284410
 EXP284411

Expansion Drill (2ea)
 EXP324708
 EXP324710
 EXP324711

ESSET KIT Surgical Instruments

Crest Remover

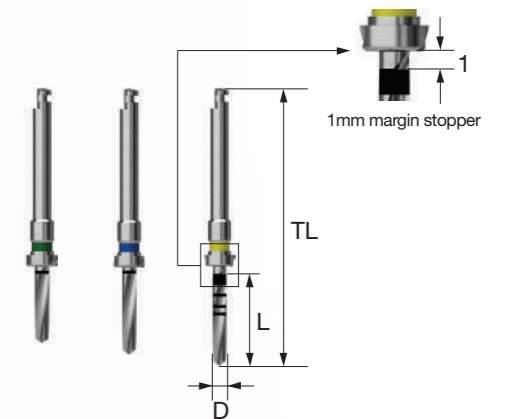
- Marking the implant placement position after removing the narrow alveolar ridge horizontally
- Recommended drilling speed
 - Angled type : 1,200~1,500rpm
 - Straight type : 15,000~30,000rpm



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

Twist Drill

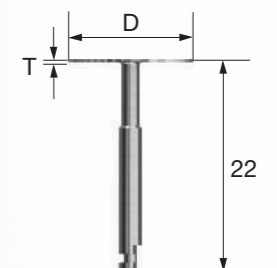
- Marking the implant placement position
- Depth adjusted by assembling a stopper according to the implant length
- Recommended drilling speed : 1,200~1,500rpm



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

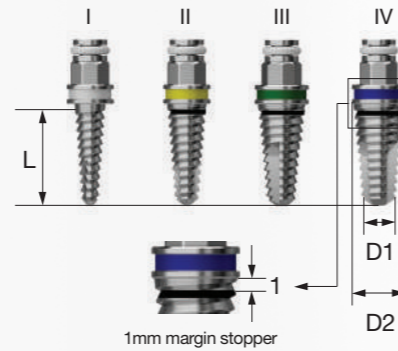


D	Ø7.0	Ø10.0	Ø13.0
	HSAW070	HSAW100	HSAW130

• For ordering codes of single items of ESSET KIT, see pages 279-281

Expansion Drill

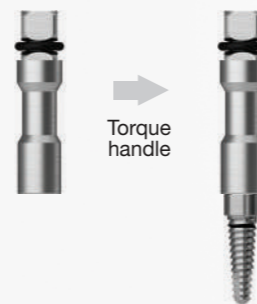
- Expansion of the ridge after incision
- Used in sequence according to the implant diameter
F4.0 : I → II → III / F4.5 : I → II → III → IV
- Recommended drilling speed: 25~35rpm



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	EXP223608	EXP284408	EXP324708
10		EXP162810	EXP223610	EXP284410	EXP324710
11.5		EXP162811	EXP223611	EXP284411	EXP324711

Mount Extension

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

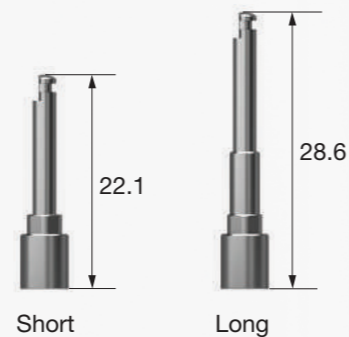


ASMEL

EXP Mount Driver

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

L	
Short (L)	AESMDS
Long (L)	AESMDL



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



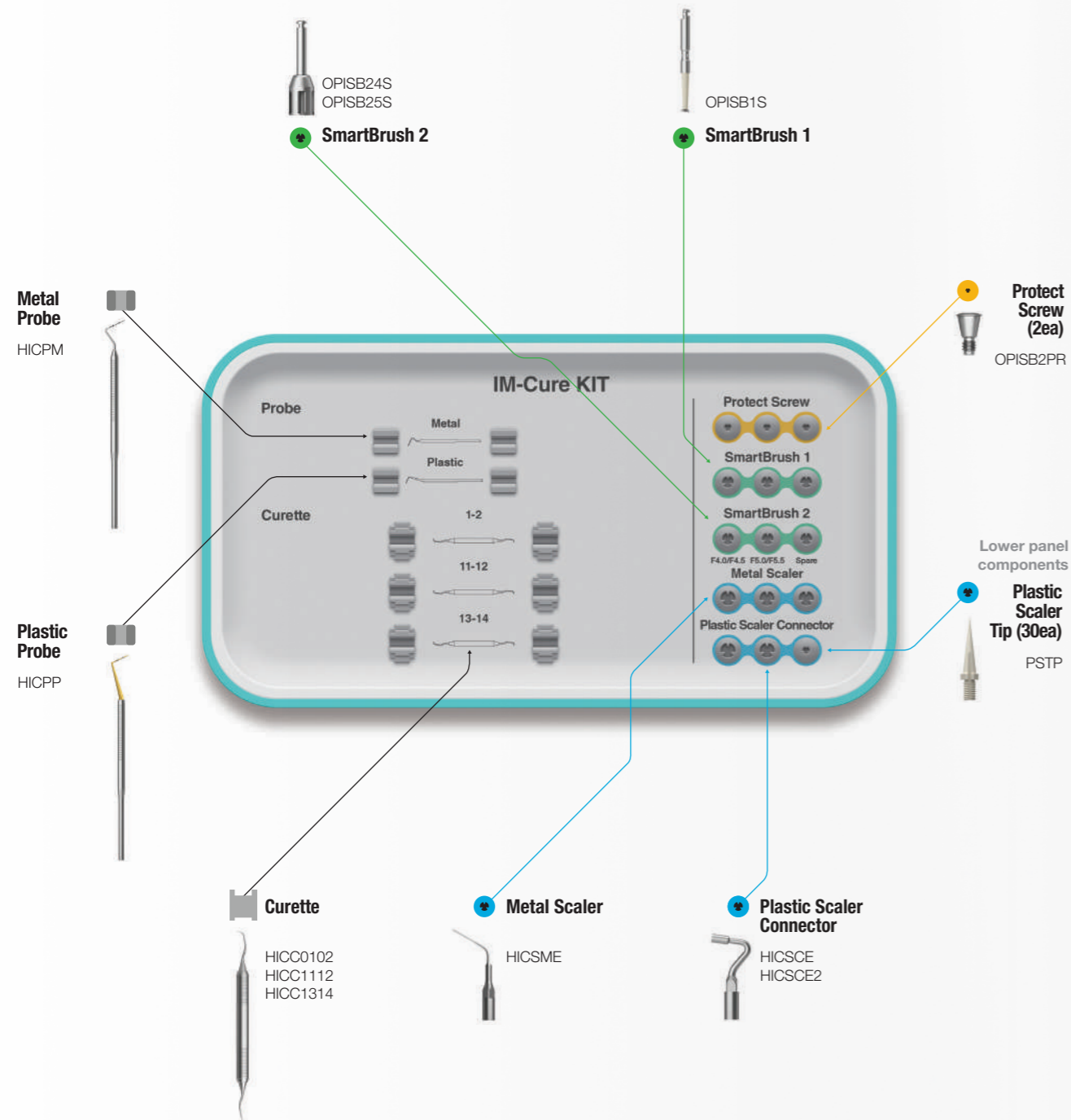
TQWCB

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



ODG



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

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



HICPM

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



HICPP

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
- 13-14 : For removal of granulation tissue from the distal surface in anterior region



Type	01-02	11-12	13-14
	HICC0102	HICC1112	HICC1314

IM-Cure KIT Surgical Instruments

Protect Screw

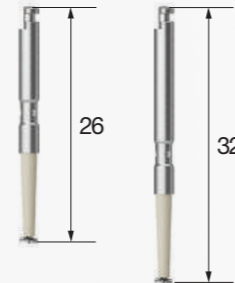
- Preventing infiltration of foreign substances into the internal connection of the implant using SmartBrush 2
- Tightened with 1.2 hex driver at force of 5Ncm



Type	Mini	Regular
	OPISB2PM	OPISB2PR

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)



L	
Short	OPISB1S
Long	OPISB1L

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
 - ※ Disposable, Do not reuse (Must be discarded after use)



L \ D	F3.0 / F3.5	F4.0 / F4.5	F5.0 / F5.5	F6.0	F7.0
Short	OPISB23S	OPISB24S	OPISB25S	OPISB26S	OPISB27S
Long	OPISB23L	OPISB24L	OPISB25L	OPISB26L	OPISB27L

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



Type	EMS	KaVo	SATELEC
	HICSME	HICSMK	HICSMS

Plastic Scaler Connector

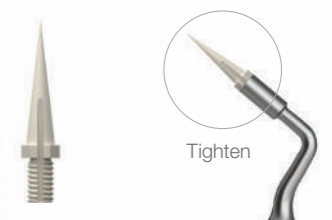
- Used by assembling to a plastic scaler tip
- Do not use for removing foreign substances from the implant surface
- EMS, KaVo and SATELEC types available
- A = Angle



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



PSTP

ESR KIT Easy Screw Removal KIT (OESRK)

ESR Full KIT Easy Screw Removal Full KIT (OESRFK)

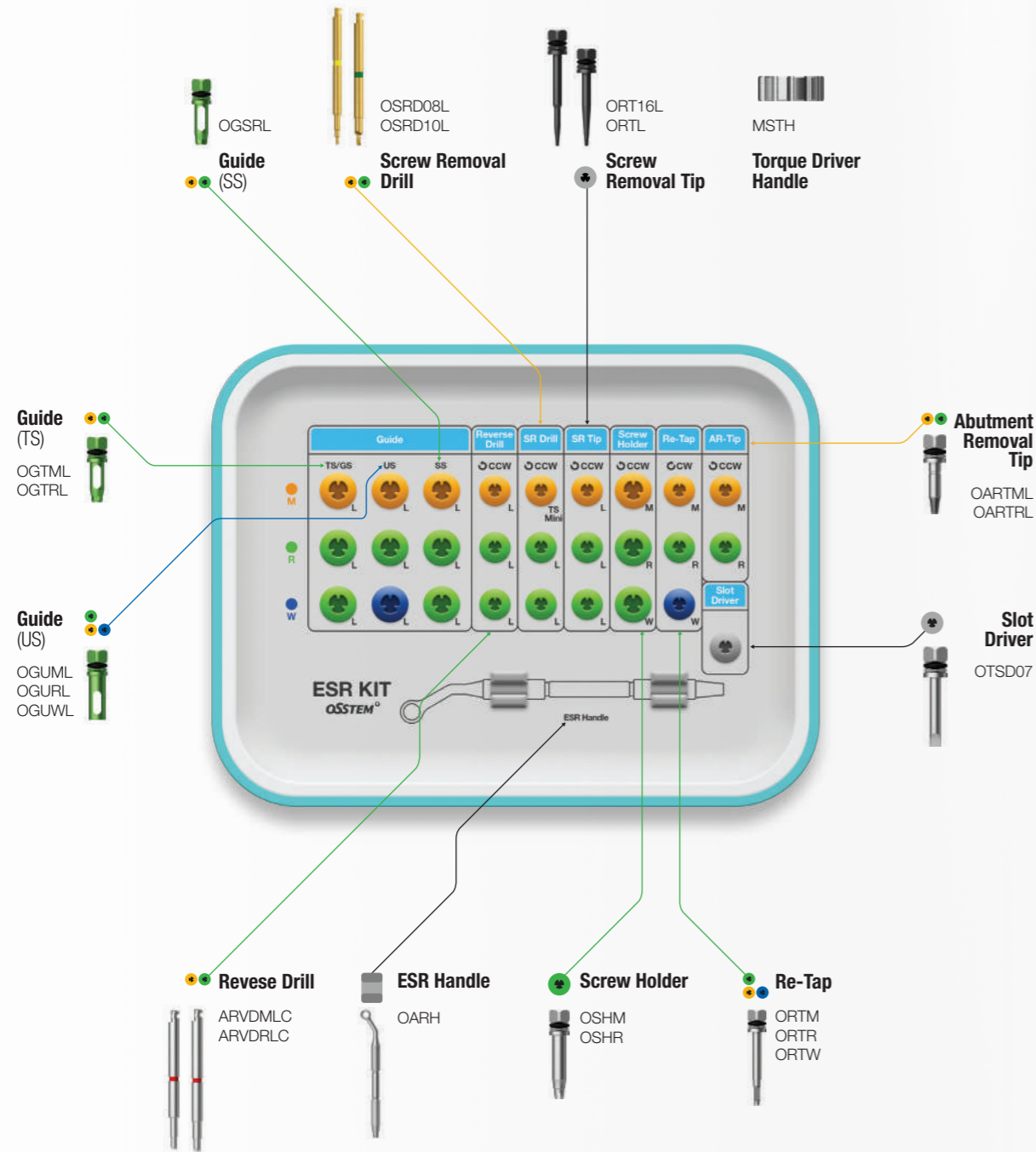
• Including the same components as ESR KIT and allows holding of the components provided by other companies

Applicable Products

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

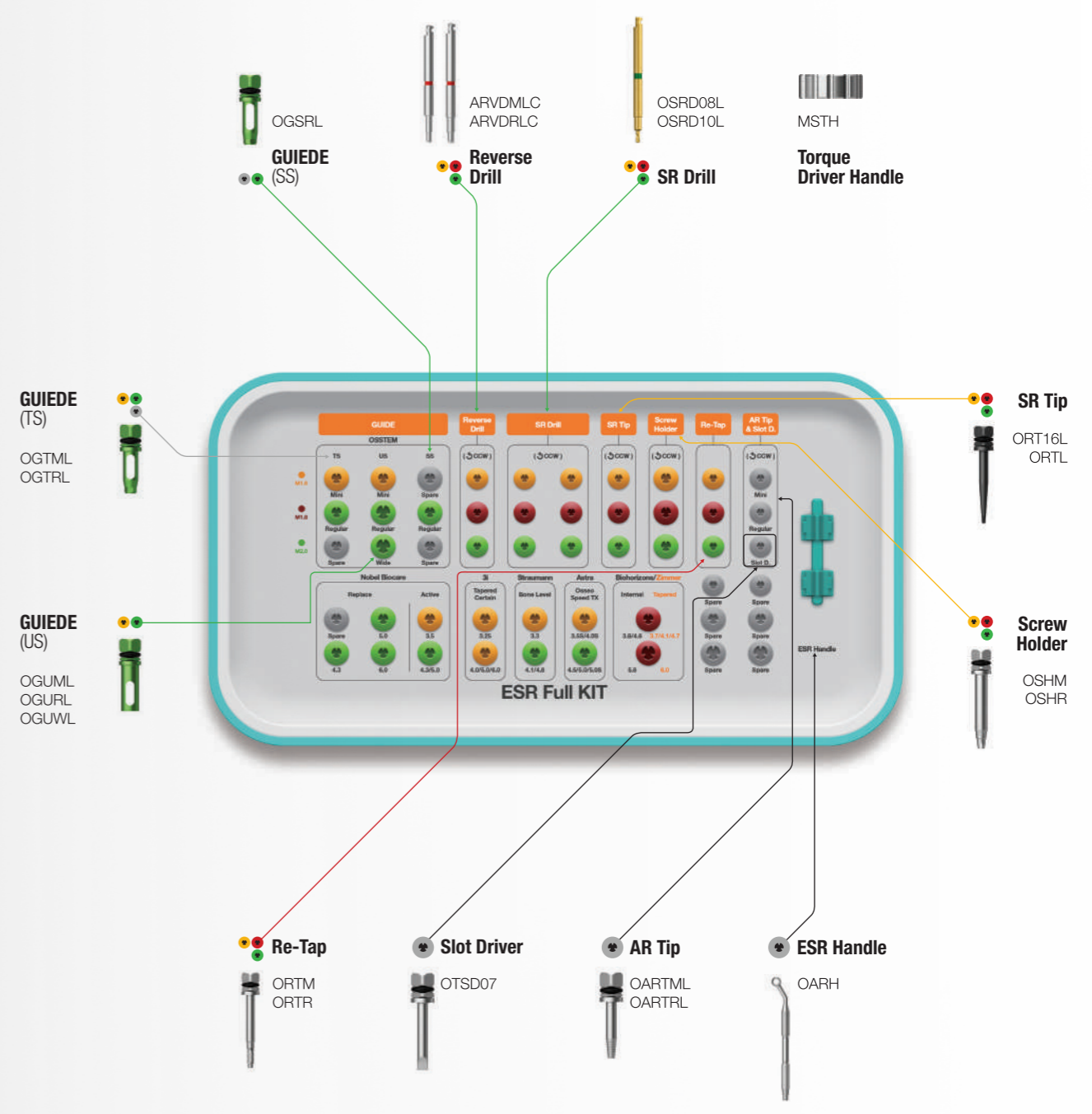
SURGICAL KIT

286



SURGICAL KIT

287



Items not included in the KIT

Guide								
Nobel	Active	Replace	3i	Tapered Certain		Straumann	Bone Level	Roxolid SLActive
	OGNA01L OGNA02L	OGNR02L OGNR03L OGNR04L		OGIF01L OGIF02L			OGSB01L OGSB02L	OGSTRS OGSTRL
Astra	Osseo Speed TX		Biohorizons	Internal	External	Zimmer	Tapered	
	OGAO01L OGAO02L			OGZB01L OGZB02L	OGBES OGBEL		OGZB01L OGZB02L	
SR Drill		SR Tip		Screw Holder		Re-Tap		
OSRD09L		ORT18L		OSHR18L		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

C \ Type	TS		SS	
	Short	Long	Short	Long
Mini	OGTMS	OGTML	OGUMS	OGUML
Regular	OGTRS	OGTRL	OGSRS	OGSRL
Wide	-	-	OGSRS	OGSRL

Nobel Biocare

D \ Type	Active		Replace	
	Short	Long	Short	Long
Ø3.5	OGNA01S	OGNA01L	-	-
Ø4.3	OGNA02S	OGNA02L	OGNR02S	OGNR02L
Ø5.0	OGNA02S	OGNA02L	OGNR03S	OGNR03L
Ø6.0	-	-	OGNR04S	OGNR04L

Nobel Biocare

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

Straumann

D \ Type	Bone Level	
	Short	Long
NC (3.3)	OGSB01S	OGSB01L
RC (4.1)	OGSB02S	OGSB02L
RC (4.8)	OGSB02S	OGSB02L

D \ Type	Roxolid SLActive	
	Short	Long
RN (3.3)	OGSTRS	OGSTRL
RN (4.1)	OGSTRS	OGSTRL
RN (4.8)	OGSTRS	OGSTRL
WN (4.8)	OGSTRS	OGSTRL

Astra

D \ Type	Osseo Speed TX	
	Short	Long
Small (3.5 s)	OGAO01S	OGAO01L
Small (4.0 s)	OGAO01S	OGAO01L
Large (4.5)	OGAO02S	OGAO02L
Large (5.0)	OGAO02S	OGAO02L
Large (5.0 s)	OGAO02S	OGAO02L

3i

D \ Type	Full Osseotite Tapered Certain	
	Short	Long
3.25	OGIF01S	OGIF01L
4.0	OGIF02S	OGIF02L
5.0	OGIF02S	OGIF02L
6.0	OGIF02S	OGIF02L

D \ Type	Full Osseotite Tapered	
	Short	Long
Ø4.0	OGURS	OGURL
Ø5.0	OGURS	OGURL
Ø6.0	OGURS	OGURL

Zimmer

D \ Type	Tapered	
	Short	Long
Green (3.7)	OGZB01S	OGZB01L
Green (4.1)	OGZB01S	OGZB01L
Green (4.7)	OGZB01S	OGZB01L
Green (6.0)	OGZB02S	OGZB02L

Biohorizons

D \ Type	Internal (Tapered Bone Level)	
	Short	Long
Yellow	OGZB01S	OGZB01L
Green	OGZB01S	OGZB01L
Blue	OGZB02S	OGZB02L

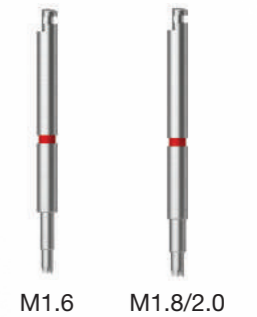
D \ Type	External	
	Short	Long
Ø3.5	OGUMS	OGUML
Ø4.0	OGURS	OGURL
Ø5.0	OGBES	OGBEL
Ø6.0	OGBES	OGBEL

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

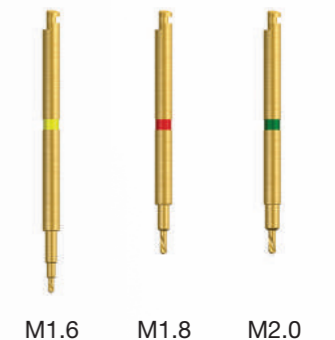
L \ Type	M1.6	M1.8	M2.0
Short	-	ARVDRSC	ARVDRSC
Long	ARVDMLC	ARVDRLC	ARVDRLC



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



MSTH

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
- 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

OARH



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



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.



OTSD07

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



Driver



Body

Driver

TASD

Body

TASB

Set

TAST

OSSTEM[®]
IMPLANT

EFR KIT Easy Fixture Removal KIT (OSFRK)

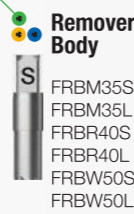
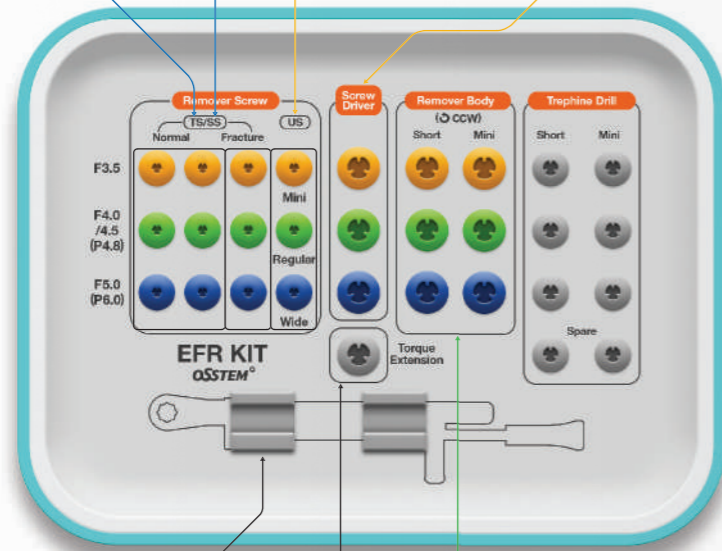
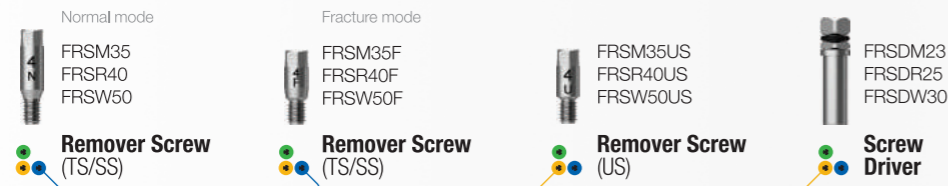


Top panel components

Implant Wrench
FRDFE



Applicable Products TSII / III SSII / III Ultra-wide



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

Implant Wrench
FRDFE

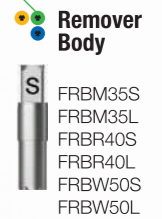


Torque Wrench
TW400B



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 Screw						
Nobel	Active		Replace			
	Normal	Fracture	Normal	Fracture		
	FRSMNA35	FRSMNA35F	FRSMNR35	FRSMNR35F		
	FRSR40	FRSR40F	FRSR40	FRSR40F		
	FRSW50	FRSW50F	FRSW50	FRSW50F		
Straumann	Bone Level		3i	Full Osseotite Tapered Certain		Biohorizons
	Normal	Fracture		Normal	Fracture	
	FRSM33	FRSM33F		FRSMI325	FRSMI325F	
	FRSR41	FRSR41F		FRSRI40	FRSRI40F	
	FRSWS48	FRSWS48F		FRSW50	FRSW50F	
					Internal	
					Normal	Fracture
					FRSZ41	FRSZ41F
					FRSZ47	FRSZ47F
					FRSWZ60	FRSWZ60F
Zimmer	Tapered		Astra	Osseo Speed TX		Remover Body
	Normal	Fracture		Normal	Fracture	FRBW57S
	FRSMZ37	FRSMZ37F		FRSMNA35	FRSMNA35F	FRBW57L
	FRSRZ41	FRSRZ41F		FRSRA40	FRSRA40F	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
- T = Type ※ Disposable, Do not reuse



Osstem

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

Nobel Biocare

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

Straumann

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

Astra

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

3i

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

Zimmer

T \ Mode	Mini Ø3.7	Regular Ø4.1	Wide Ø4.7	Ultra-wide Ø6.0
Tapered	Normal	FRSRZ41	FRSZ47	FRSWZ60
	Fracture	FRSRZ41F	FRSZ47F	FRSWZ47F

Biohorizons

T \ Mode	Mini Ø3.8	Regular Ø4.6	Wide Ø5.8
Internal	Normal	FRSZ47	FRSWZ60
	Fracture	FRSZ41F	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



T	Mini	Regular	Wide
	FRSDM23	FRSDR25	FRSDW30

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



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

Torque Extension

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



	OTE
--	-----

Torque Wrench

- 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



	TW400B
--	--------

Implant Wrench

- Wrench to remove implant from the remover body



	FRDFE
--	-------

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)

Periosteal Elevator (24G)

- Lifting mucosal periosteum after gingival tissue incision
- W : 4.2/4.0mm

EP24G-W

Minesota Retractor

- Securing a clear view by pulling the mouth, cheeks, etc.

RTCRM-W

Extension Hose Adapter

- Adapter for chair suction connection

SNKHA-W

Needle Holder (Crile-Wood, TC)

- Straight
- Tungsten carbide treated beak
- L : 150mm (±5)

NHC150TC-W

Tissue Forcep (ADSON)

- Used for holding soft tissue
- No protrusion on the inner surface of the beak
- L : 120mm (±5)

PT41-W

Titanium Suction Tip

- D (inner diameter): 3.0mm

SN3TI-W

Periosteal Elevator (Selden)

- Retracted and fixed for gingival tissue flap
- W : 10/13mm

EP23-W

Ochsenbein Chisel

- Bone removal and formation
- W : 5.0mm

CHCO1-W

Extension Hose

- Extension hose for chair suction connection
- Autoclave can be used
- Transparent silicone material

SNKHS-W

Dr.Cho's Instrument Pouch

- Used for storing and sterilization of instruments
- L : 550 X 400mm

WPB-W

SURGICAL KIT

Osstem Basic Instrument KIT (OBKIT)

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

Periosteal Elevator (24G)

- Lifting mucosal periosteum after gingival tissue incision
- W : 4.2/4.0mm

EP24G-W

Pouch

- Used for storing and sterilization of instruments
- L : 470 X 400mm

WPA-W

Mirror

MHC-DMCS4-W

Scalpel Handle (Flat Type)

SHF-W

Needle Holder

- Mayo-Hegar
- Tungsten carbide treated beak
- L : 160mm (±5)

NH160TC-W

Titanium Suction Tip

- D (inner diameter): 3.0mm

SN3TI-W

Chisel

- Bone removal and formation
- Oschenbien & fedi (curved)
- W : 5.0mm

CHCO2-W

Hemostats

- Mosquito (curved)
- L : 130mm (±5)

HTM130C-W

Tissue Forcep ADSON

- Protrusion on the inner surface of the beak
- L : 120mm (±5)

PT42-W

SURGICAL KIT

Osstem Basic Instrument KIT (OBKIT)

Periosteal Elevator (Selden)

- Retracted and fixed for gingival tissue flap
 - W : 10/13mm
- EP23-W

Scissor (LaGrange)

- Compound (curved)
 - L : 115mm (±5)
- SCLC115-W

Surgical Curettes (Gracey)

CGR11-12-W

Surgical Curettes (Surgical Curettes, CM11)

URCM11-W

Caliper

- Castroviejo
- LPC90-W

Bone Well

BWSUS1-W

Minnesota Retractor

RTCRM-W

Towel Clamp

- Towel Clamp, Backhaus
 - L : 135mm (±5)
- CPTC135-W



Periosteal Elevator (MOLT9)

- Lifting mucosal periosteum after gingival tissue incision
 - W : 8.2/4.2mm
- EP9-W

Scalpel Handie (Straight Type)

SHS-W

Scissor (Tissue Scissor)

- Straight
 - L : 150mm (±5)
- SCTC115-W

Mallet

- Autoclave can be used
- ML25-W

Tweezer (Wide)

- L : 155mm
- PCW150-W

Bone Rongeurs

- Friedman
 - L : 140mm (±5)
- RNGF140-W

Surgical Curettes (Surgical Curettes, CM10)

URCM10-W

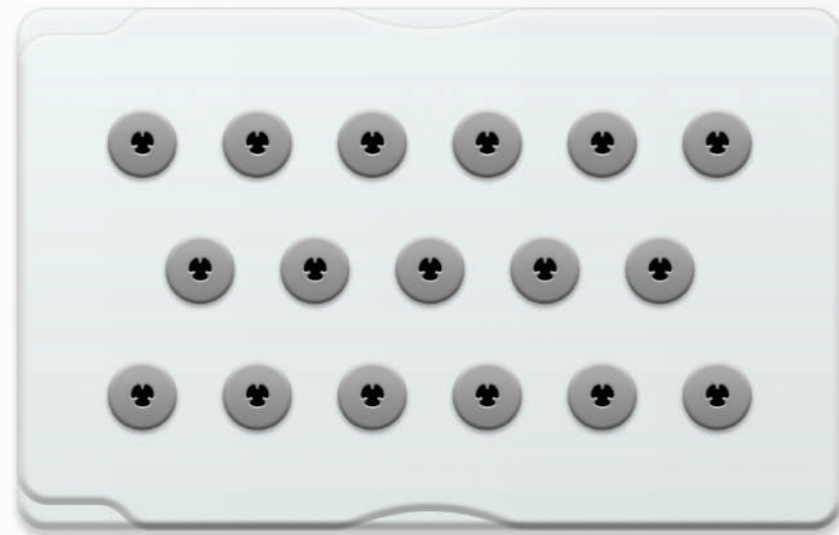
Periosteal elevator (Prichard)

- W : 11/4.9mm
- EPPR3-W



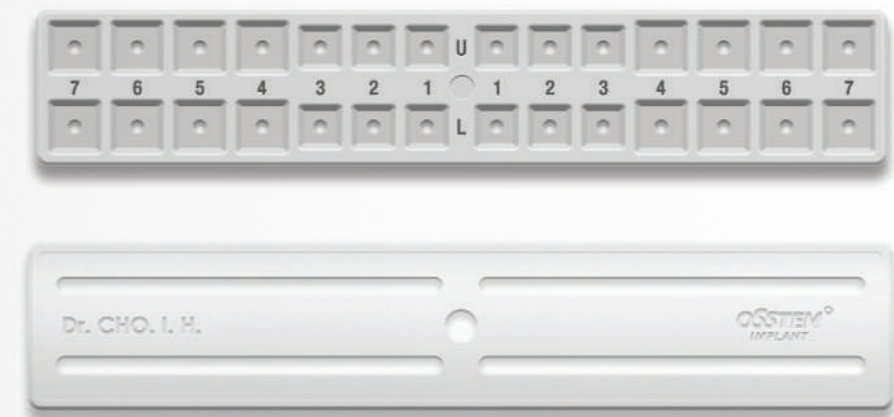
Custom KIT (OCTK)

- 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)



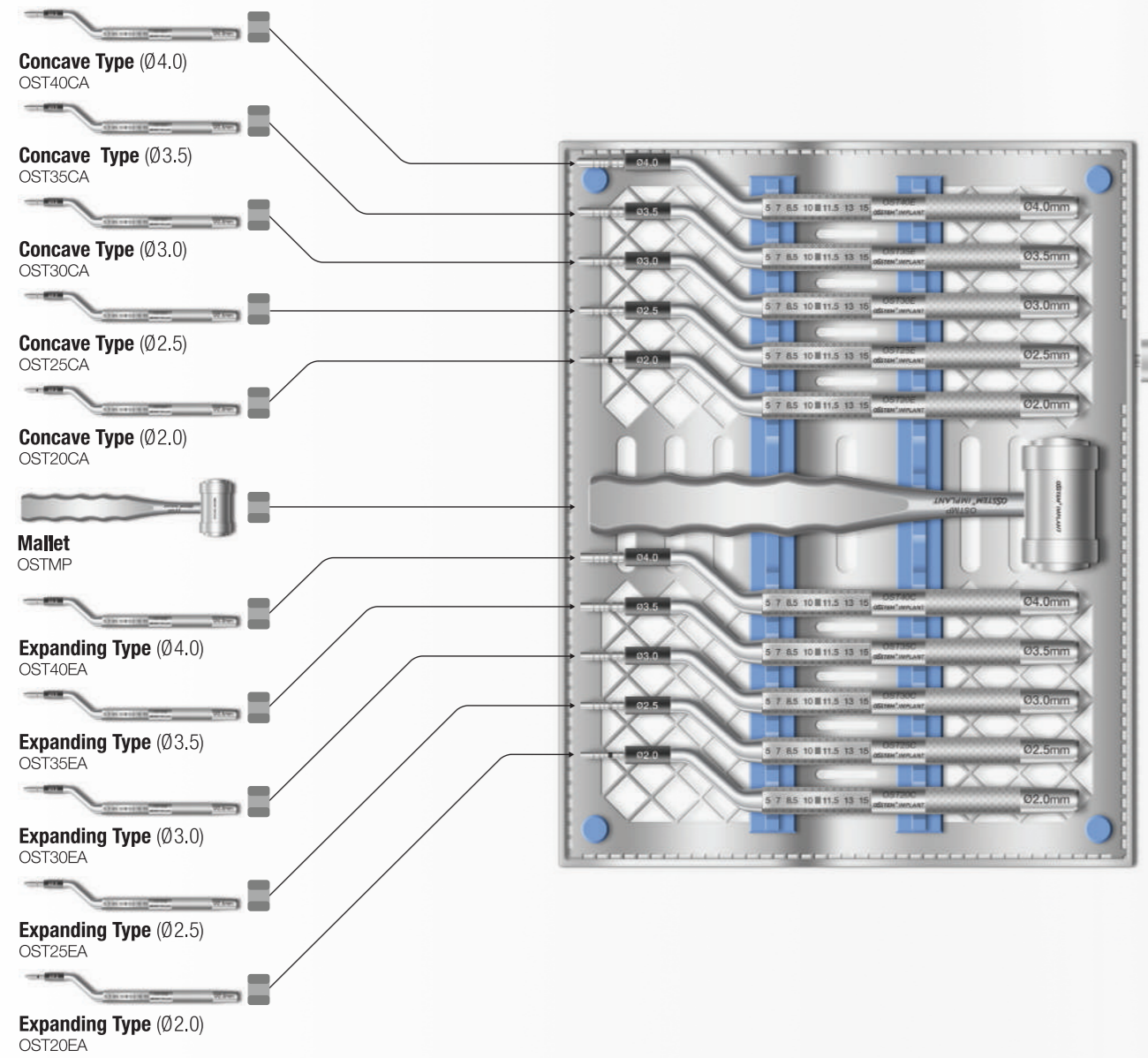
Healing Case (OHAC)

- 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
 - Sterilizable material (132°C, 15 minutes); sterilization required for reusing the case
- ※ This product is not a case for reuse of Healing Abutment



Osteo KIT (OSTK)

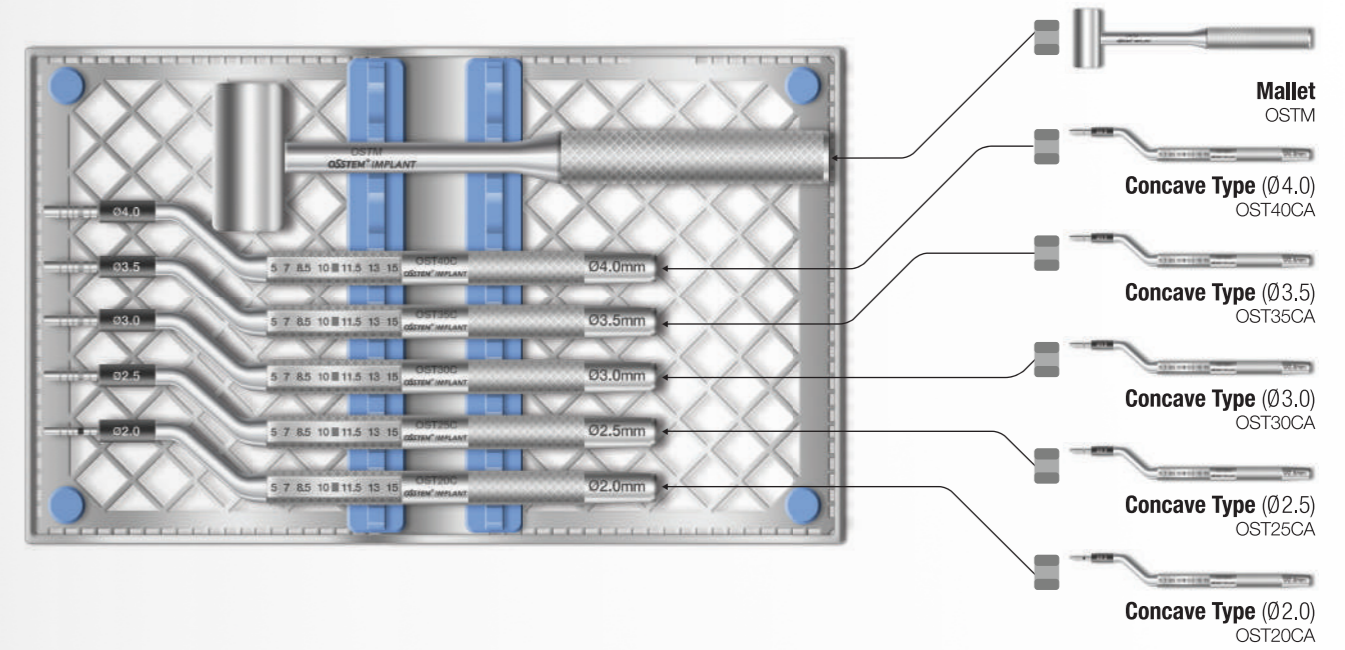
- Concave osteotome : KIT used for sinus lift procedure(maxillary sinus floor elevation) to vertically increase the amount of alveolar bone available in the maxillary anterior region
- Expanding osteotome : KIT used to increase the primary stability of the implant in low quality bones by densifying the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



SURGICAL KIT

Osteotome KIT (AOST)

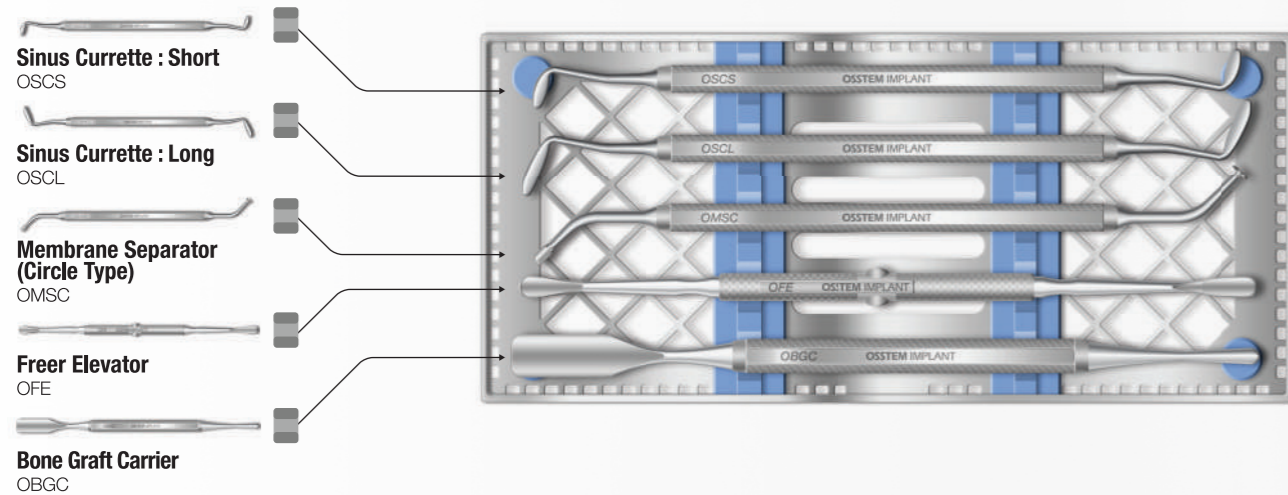
- KIT used for sinus lift procedure(maxillary sinus floor elevation) to vertically increase the amount of alveolar bone available in the maxillary anterior region
- Included in concave type only
- Stopper for adjusting the depth of procedure



SURGICAL KIT

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



Sinus Currette : Short
OSCS

Sinus Currette : Long
OSCL

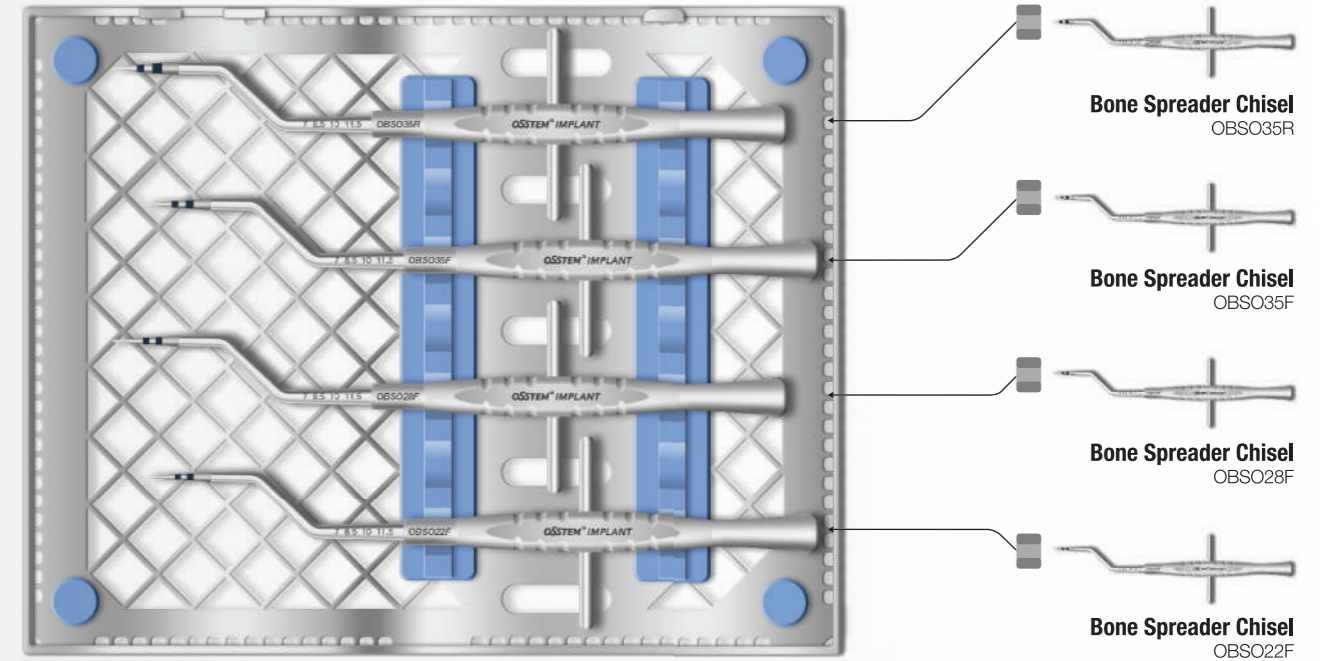
Membrane Separator (Circle Type)
OMSC

Freer Elevator
OFE

Bone Graft Carrier
OBGC

Bone Spreader KIT (OBSOK)

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

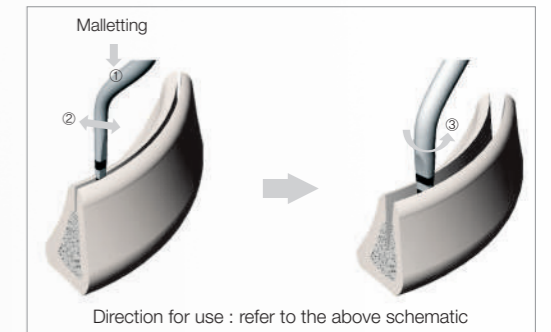


Bone Spreader Chisel
OBSO35R

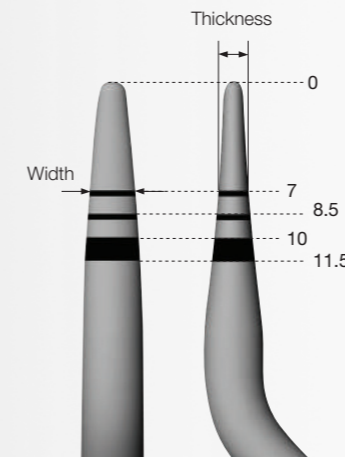
Bone Spreader Chisel
OBSO35F

Bone Spreader Chisel
OBSO28F

Bone Spreader Chisel
OBSO22F



- Use for alveolar bone expansion
- Offset type for easy operation
- Depth marking corresponding to the implant length

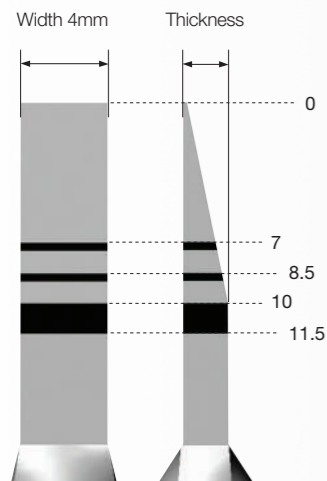
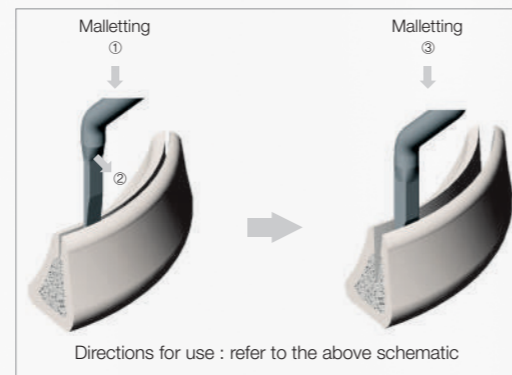
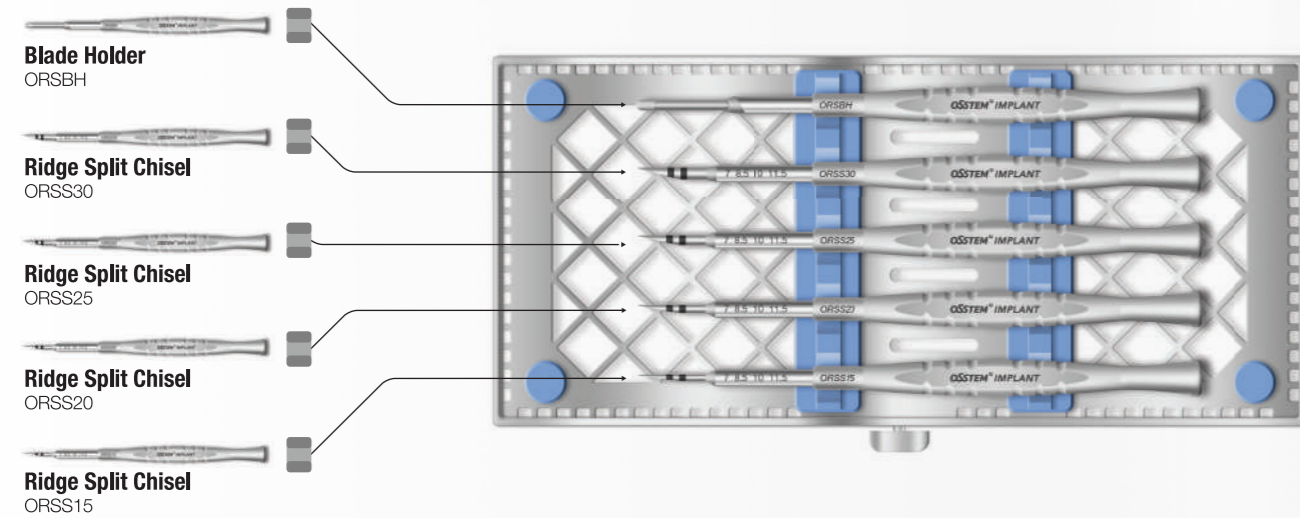


		(Unit : mm)			
Code	Spec.	Tip length			
		7	8.5	10	11.5
OBSO22F	Thickness	1.15	1.3	1.45	1.6
	Width	2.1	2.2	2.2	2.2
OBSO28F	Thickness	1.15	1.3	1.45	1.6
	Width	2.65	2.8	2.8	2.8
OBSO35F	Thickness	1.3	1.45	1.6	1.8
	Width	3.3	3.5	3.5	3.5
OBSO35R (round type)	Thickness	1.85	2.1	2.3	2.55
	Width	3.3	3.5	3.5	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
- Components
 - Ridge split chisel : ORSS15, ORSS20, ORSS25, ORSS30
 - Blade holder : ORSBH

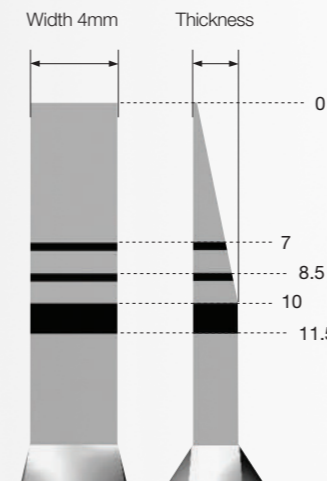
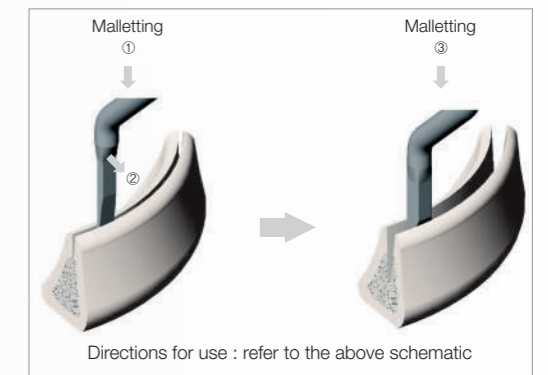
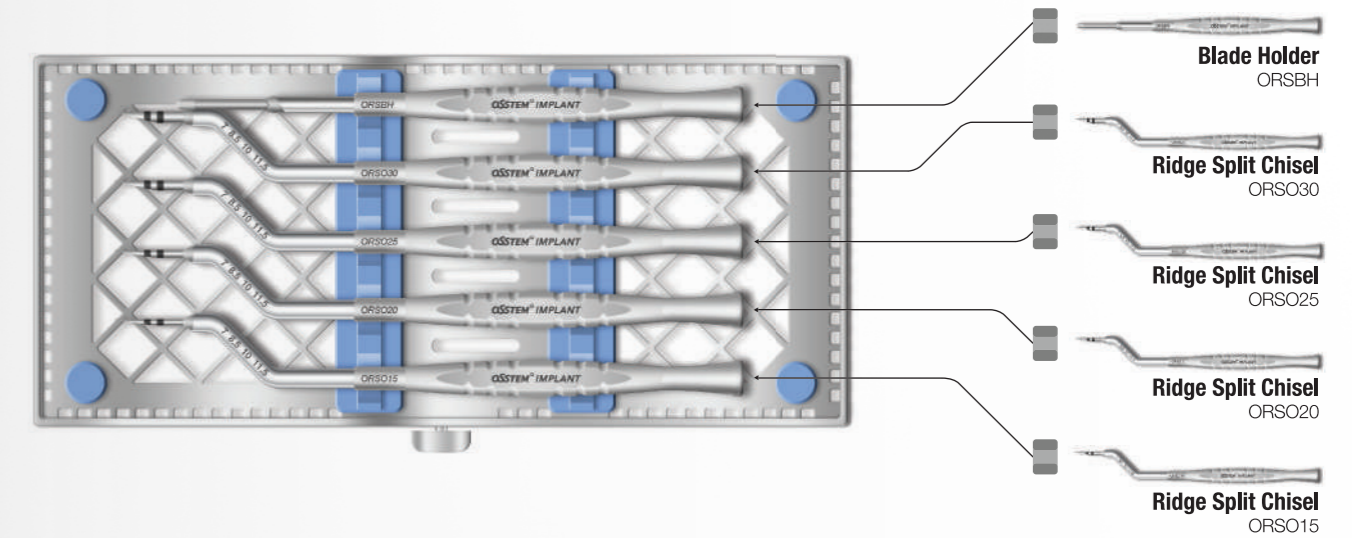


		(Unit : mm)				
Code	Spec.	Tip length	7	8.5	10	11.5
ORSS15	Thickness		1.1	1.27	1.5	1.5
	Width		4	4	4	4
ORSS20	Thickness		1.45	1.7	2.0	2.0
	Width		4	4	4	4
ORSS25	Thickness		1.8	2.15	2.5	2.5
	Width		4	4	4	4
ORSS30	Thickness		2.15	2.5	3.0	3.0
	Width		4	4	4	4

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	Spec.	Tip length	7	8.5	10	11.5
ORSO15	Thickness		1.1	1.27	1.5	1.5
	Width		4	4	4	4
ORSO20	Thickness		1.45	1.7	2.0	2.0
	Width		4	4	4	4
ORSO25	Thickness		1.8	2.15	2.5	2.5
	Width		4	4	4	4
ORSO30	Thickness		2.15	2.5	3.0	3.0
	Width		4	4	4	4

OSSTEM[®]
IMPLANT

GBR & DENTAL MATERIAL

GBR

- 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

IMPRESSION MATERIALS

- 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 \ P 0.25~1.0mm

0.1 (0.2cc)	BAS01
0.25 (0.5cc)	BAS02
0.5 (1.0cc)	BAS05
1.0 (2.0cc)	BAS10
2.0 (4.0cc)	BAS20

g \ P 1.0~2.0mm

0.1 (0.3cc)	BAL01
0.25 (0.75cc)	BAL02
0.5 (1.5cc)	BAL05
1.0 (3.0cc)	BAL10
2.0 (6.0cc)	BAL20



Synthetic Graft

Q-Oss+

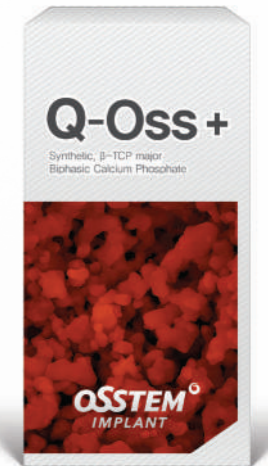
- Synthetic graft with a composition of HA 20% + β -TCP 80%
- Porous structure with fine pores connected with one another
- Gradual absorption
- Excellent osteo-conduction
- Manufacturer: Osstem Implant Co., Ltd., South Korea
- P = Particle Size

g \ P 0.5~1.0mm

0.1 (0.2cc)	BQ+S01
0.25 (0.4cc)	BQ+S02
0.5 (0.8cc)	BQ+S05
1.0 (1.5cc)	BQ+S10
2.0 (3.0cc)	BQ+S20

g \ P 1.0~2.0mm

0.1 (0.2cc)	BQ+L01
0.25 (0.5cc)	BQ+L02
0.5 (1.0cc)	BQ+L05
1.0 (2.0cc)	BQ+L10
2.0 (4.0cc)	BQ+L20



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
- T = Thickness

mm \ T	0.35mm
10 × 20	OCMS1020
15 × 20	OCMS1520
20 × 30	OCMS2030
30 × 40	OCMS3040



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
20 × 30	TG-2_OSC
30 × 40	TG-3_OSC



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	OCMH1520
20 × 30	OCMH2030
30 × 40	OCMH3040



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

- ☑ SMART 3D Design
- ☑ SMART Handling
- ☑ SMART Covering
- ☑ SMART Conduction
- ☑ SMART Healing

※ Disposable. Do not reuse

OB2

Lateral Builder

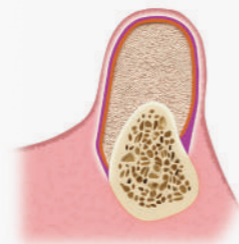
Titanium membrane for reconstruction of minor vertical/horizontal bone loss in the socket extraction, fenestration, and dehiscence defects



OB3

Jaw Builder

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

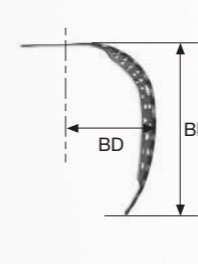


OB2 Lateral Builder

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

Augmentation

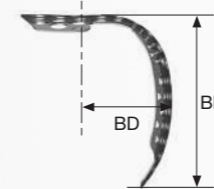
1 Wall



P	BW	BL	BD	
4	8	7	5.5	SM1W487SB
4	10	7	5.5	SM1W4107SB
4	10	9	5.5	SM1W4109SB

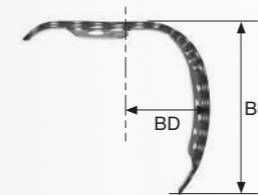
2 Wall

Buccal-Proximal



7	9	7	5.5	SM2W797SB
7	9	9	5.5	SM2W799SB
10	12	7	5.5	SM2W10127SB
10	12	9	5.5	SM2W10129SB
12	12	7	5.5	SM2W12127SB
12	12	9	5.5	SM2W12129SB

3 Wall



7	9	7	5.5	SM3W797SB
7	9	9	5.5	SM3W799SB
10	12	7	5.5	SM3W10127SB
10	12	9	5.5	SM3W10129SB
12	12	7	5.5	SM3W12127SB
12	12	9	5.5	SM3W12129SB

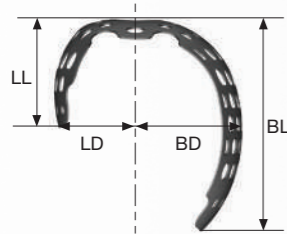
Builder Type

OB3 Jaw Builder

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

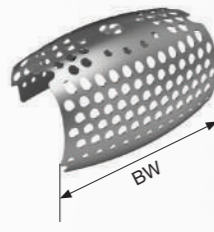
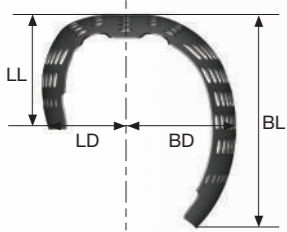
Augmentation

Horizontal



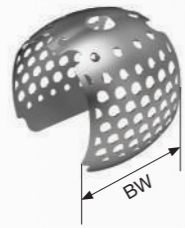
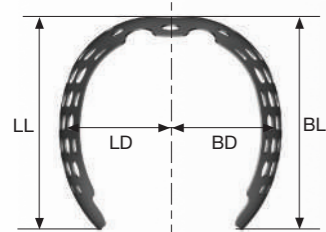
	BW	BL	LL	BD	LD	
	10	7	3.5	5.5	3.7	SB3H107F
	10	9	4.5	5.5	3.7	SB3H109F
	10	11	6	5.5	3.7	SB3H1011F

Horizontal



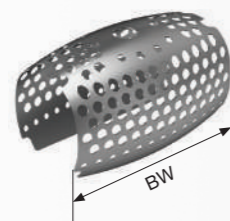
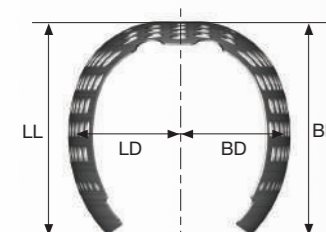
	20	7	3.5	5.5	3.7	SB3H207F
	20	9	4.5	5.5	3.7	SB3H209F
	20	11	6	5.5	3.7	SB3H2011F

Vertical



	10	7	7	5.5	5.5	SB3V107F
	10	9	9	5.5	5.5	SB3V109F
	10	11	11	5.5	5.5	SB3V1011F

Vertical



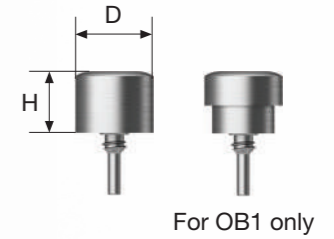
	20	7	7	5.5	5.5	SB3V207F
	20	9	9	5.5	5.5	SB3V209F
	20	11	11	5.5	5.5	SB3V2011F

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

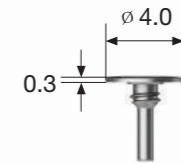


D \ H	3.0	4.0
Ø4.0	SBHC4030	SBHC4040
Ø5.0	SBHC5030	SBHC5040

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

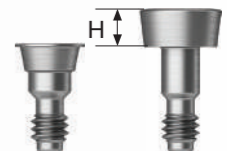


D \ H	0.3
Ø4.0	SBCC4000

OB Anchor (TS)

- Exclusively for TS implant (shoulder contact)
- Compatible with OB2 and OB3
- Tightened with a 0.9 hex hand drive
- Recommended tightening torque : 12~15Ncm
- C=Connection

※ Disposable. Do not reuse



C \ H	0	0.5	1.0	1.5	2.0	2.5	3.0
Mini	SBAC3500TSM	SBAC3505TSM	SBAC3510TSM	SBAC3515TSM	SBAC3520TSM	SBAC3525TSM	SBAC3530TSM
Regular	SBAC4000TSR	SBAC4005TSR	SBAC4010TSR	SBAC4015TSR	SBAC4020TSR	SBAC4025TSR	SBAC4030TSR

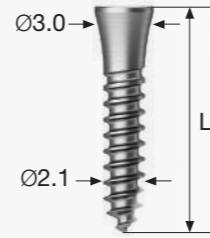
Builder Type Components

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



L	8.5	10	11.5	13
	SBS2008I	SBS2010I	SBS2011I	SBS2013I

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

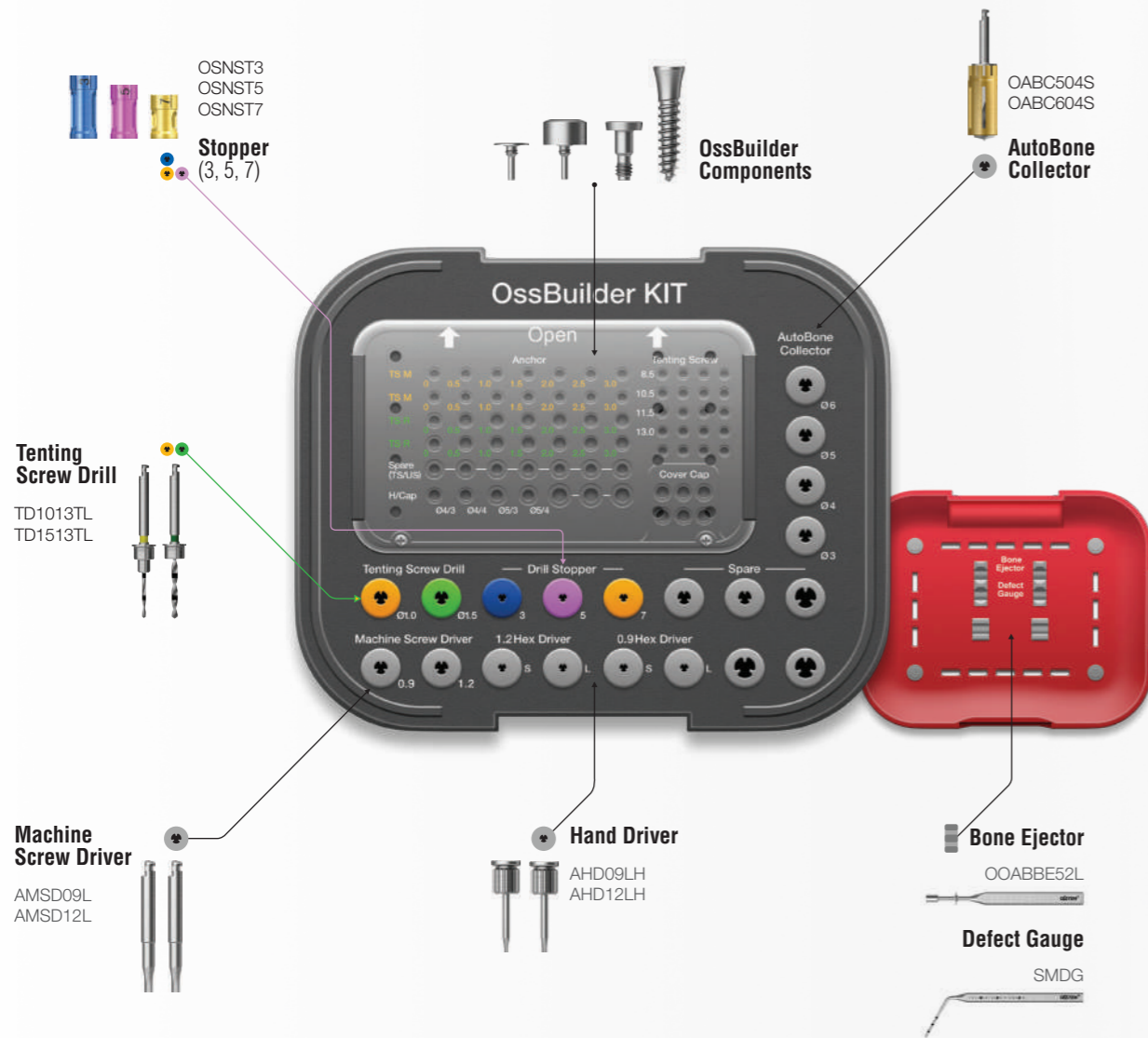


SMDG

OSSTEM[®]
IMPLANT

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

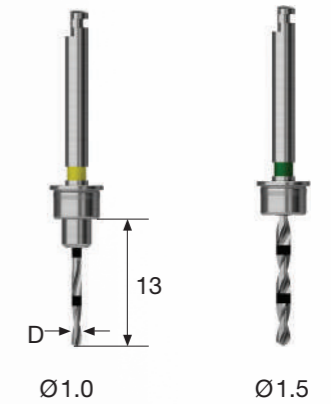


OssBuilder KIT Surgical Instruments

Tenting Screw Drill

- Use in drilling before inserting the tenting screw
- Hard bone : \varnothing 1.5 / normal, soft bone : \varnothing 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	\varnothing 1.0	\varnothing 1.5
13	TD1013TL	TD1513TL



Stopper

- Use by connecting with tenting screw drill

L	3	5	7
	OSNST3	OSNST5	OSNST7



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)	OABC304S	OABC404S	OABC504S	OABC604S
Long (21.94)	OABC304L	OABC404L	OABC504L	OABC604L



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	OABC2ST304S	OABC2ST404S	OABC2ST504S	OABC2ST604S
Long	OABC2ST304L	OABC2ST404L	OABC2ST504L	OABC2ST604L



Bone Ejector

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

D	Ø3.0 / Ø4.0 / Ø5.0 / Ø6.0
	OOABBE52L



2 stage locking structure
stopper locking guide



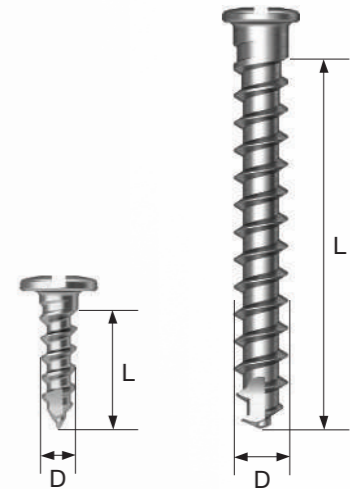
Before drilling, connect the stopper to the 1st stage locking
When drilling is completed, stop the stopper in the 2nd stage locking

※ 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



D Ø1.2

D \ L	3	4	5
	BSCH1203	BSCH1204	BSCH1205

D Ø1.4

D \ L	4	6	8
	BSCH1404	BSCH1406	BSCH1408

D Ø2.0

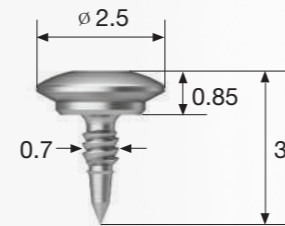
D \ L	8	10	12	14	16
	BSCH2008	BSCH2010	BSCH2012	BSCH2014	BSCH2016

Membrane Fixation Screw

Bone Tack NEW 2025

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

D \ L	3.0
Ø2.5	OBT3



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

P \ D	Ø6.0	Ø7.0
Regular	TSGCS60AR	TSGCS70AR



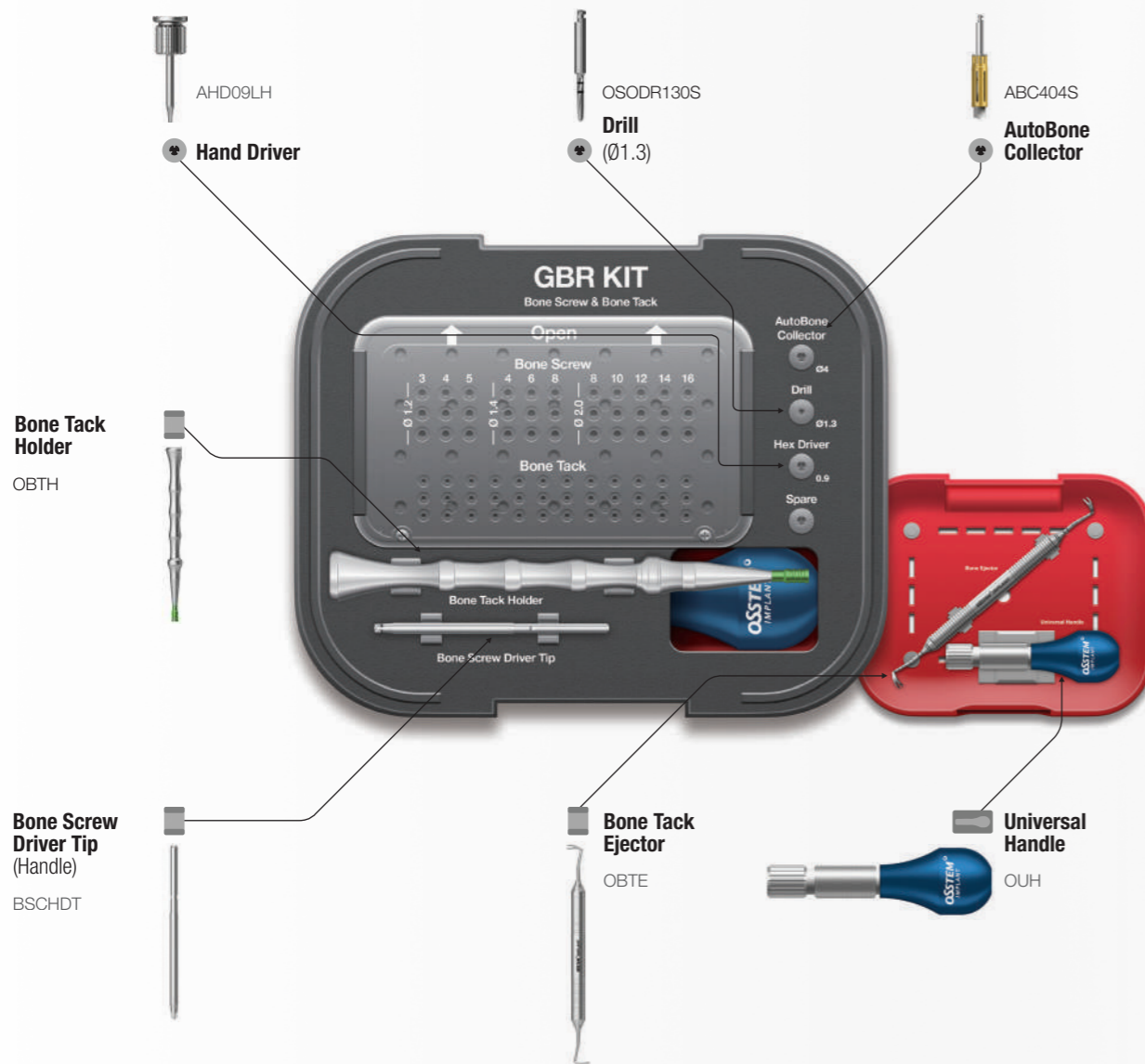
Ø6.0



Ø7.0

GBR KIT (ONGBRK)

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



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)



OUH

Bone Screw Driver (Engine)

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

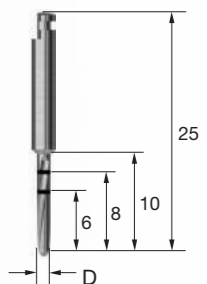


Cross

BSCMD

Ø1.3 Drill

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



D

Ø1.3

OSODR130S

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 Holder



Bone Tack Protector



Bone Tack Tip



Bone Tack Handle

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




OSSTEM[®]
IMPLANT

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

Light Body	4 cartridges	ESS50LS		
	15 cartridges	ESS50LSB		
Normal	Mono Body	4 cartridges	ESS50MS	
		15 cartridges	ESS50MSB	
Heavy Body	4 cartridges	ESS50HS		
	15 cartridges	ESS50HSB		

Putty NEW 2025

Putty

Base 400ml
Catalyst 400ml

ESS400PS



380ml Automix Cartridges NEW 2025

Mono body

2 cartridges

ESS380MS



Heavy body

2 cartridges

ESS380HS



Impression Materials *Accessory*

Mixing Tips & Accessories Regular NEW 2025

380ml Cartridge Mixing Tip 50 (New model)

OMTA50



380ml Cartridge Mixing Tip 50

MT380



Bayonet Ring 2

66036078



50ml Mono Body Mixing Tip 100

S-P100



50ml Mono Body Oral Tip 100

S-OP100



50ml Light Body Oral Tip 100

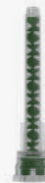
S-OY100

50ml Heavy Body Mixing Tip 300

OMTH300

50ml Heavy Body Mixing Tip 100

OMTH100



50ml Light Body Mixing Tip 300

OMTL300

50ml Light Body Mixing Tip 100

OMTL100



OSSTEM[®]
IMPLANT



DIGITAL SYSTEM

OSSTEM[®]
IMPLANT

SURGICAL KIT

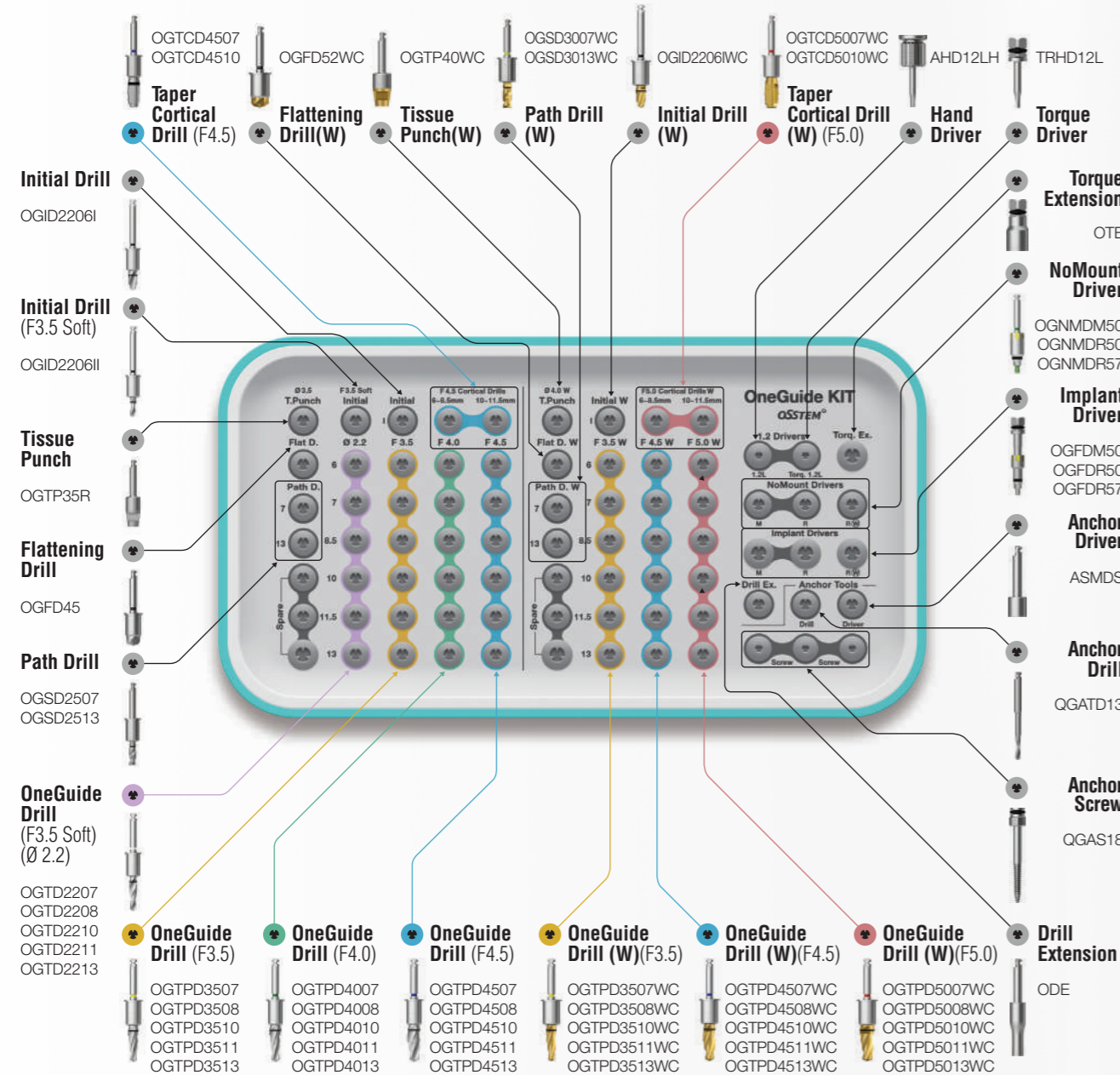
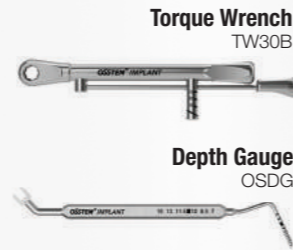
- 342** OneGuide KIT
- 358** OnePositioning KIT
- 364** OneCAS KIT
- 370** OneMS KIT
- 378** One485 KIT
- 390** OneGuide KIT (Short)
- 392** OneGuide Accessory KIT

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

Applicable Products **TSIII / IV** **SSIII**

Top panel components



OneGuide

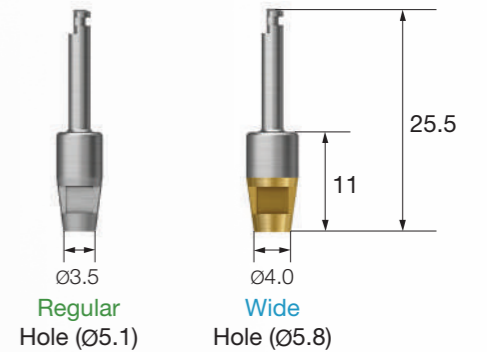
- Sleeveless type : 2 types, open type and close type
 - Open type can be used in posterior region with limited opening
- Metal sleeve type : Only close type available
 - Inserted into the OneGuide hole for use
 - Can be selected as an option when ordering the surgical guide
- Two types of guide hole 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

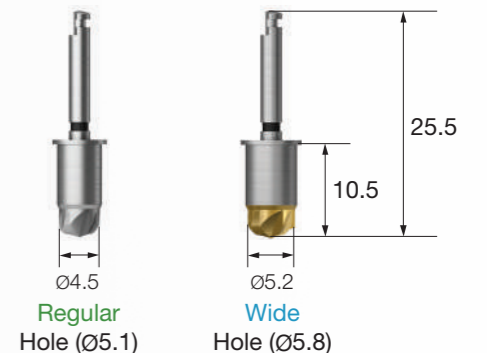
D	Regular Hole (Ø5.1)	Wide Hole (Ø5.8)
Ø3.0	OGTP30R	-
Ø3.5	OGTP35R	-
Ø4.0	OGTP40R	OGTP40WC
Ø4.5	OGTP45R	OGTP45WC
Ø5.0	-	OGTP50WC



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

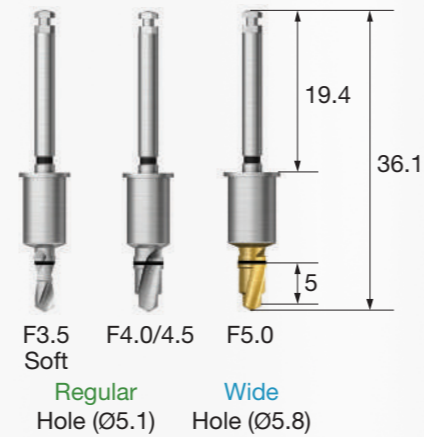
F4.5 이하	Regular Hole (Ø5.1)	Wide Hole (Ø5.8)
F4.5	OGFD45	-
F5.0	-	OGFD52WC



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

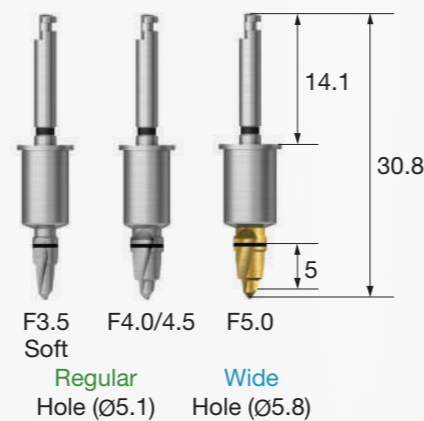
	Regular Hole (Ø5.1)	Wide Hole (Ø5.8)
F3.5 Soft	OGID2206II	-
F4.0/F4.5	OGID2206I	-
F5.0	-	OGID2206IWC



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

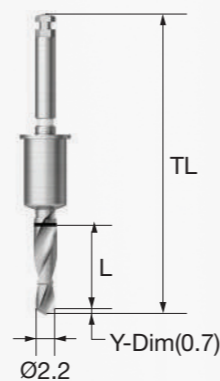


OneGuide Twist Drill (Ø2.2)

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

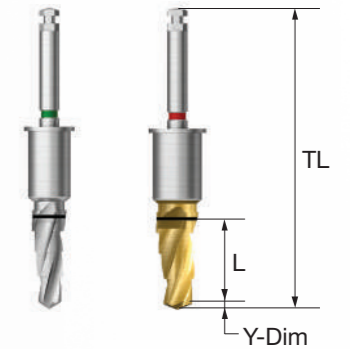
Regular Hole (Ø5.1)

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)

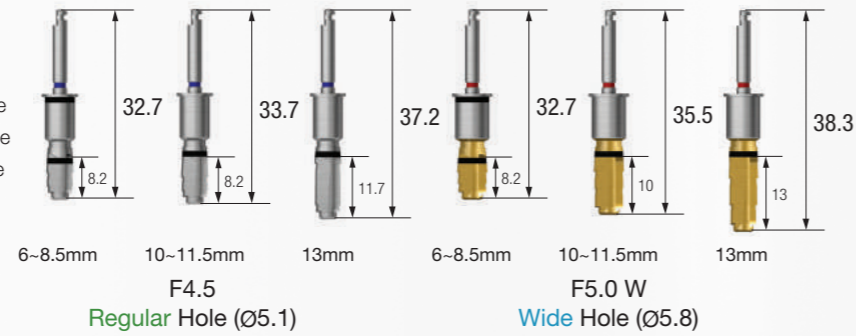
L	TL	F3.5(w)	F4.5(w)	F5.0(w)	F5.5(w)
	Y-Dim	0.7	1.0	1.0	1.0
6	36.1	OGTPD3506WC	OGTPD4506WC	OGTPD5006WC	OGTPD5506WC
7	36.1	OGTPD3507WC	OGTPD4507WC	OGTPD5007WC	OGTPD5507WC
8.5	36.1	OGTPD3508WC	OGTPD4508WC	OGTPD5008WC	OGTPD5508WC
10	36.1	OGTPD3510WC	OGTPD4510WC	OGTPD5010WC	OGTPD5510WC
11.5	37.6	OGTPD3511WC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

OneGuide KIT Surgical Instruments

NEW 2025

OneGuide Taper Cortical Drill

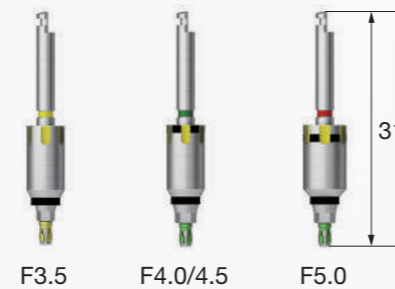
- Used for placing F4.5 and F5.0 implants in hard bone
- Optimized placement torque by cutting cortical bone
- Drill for 13mm length for each implant diameter are sold separately
- Drilling up to the marking line bottom of the barrel for placing 6mm implant
- Recommended speed : 800~1,200 rpm



L	Regular Hole (ø5.1)		Wide Hole (ø5.8)	
	Mini	Regular	Mini	Regular
6 / 7 / 8.5mm		OGTCD4507		OGTCD5007WC
10 / 11.5mm		OGTCD4510		OGTCD5010WC
13mm		OGTCD4513		OGTCD5013WC

NoMount Driver

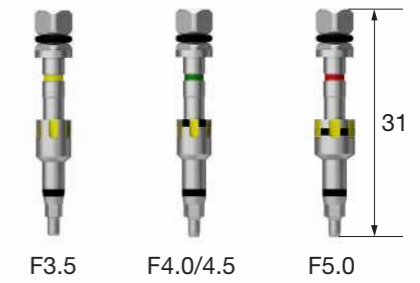
- Used for placing NoMount Implant
- ※ Placement up to 80% of the planned implant placement depth is recommended
- C = Connection



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

Implant Driver

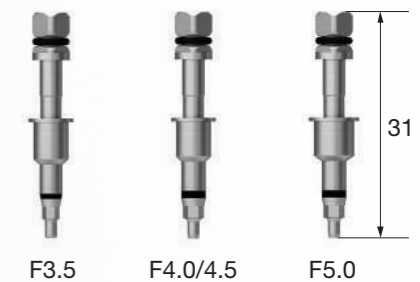
- Used by assembling to a wrench for adjusting the final placement depth
- Yellow groove formed to align the abutment hex direction
- Checked by matching the groove of OneGuide with the groove of the driver
- Based on marking line (Placed by aligning to the top of the OneGuide template)
 - 1) F4.0/4.5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



C	Regular Hole (ø5.1)		Wide Hole (ø5.8)	
	Mini	Regular	Mini	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

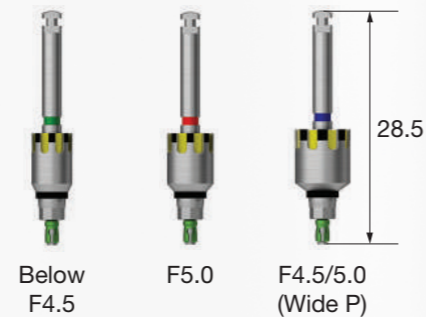


C	Regular Hole (ø5.1)		Wide Hole (ø5.8)	
	Mini	Regular	Mini	Regular
F3.5	OGFDSM50	-	-	-
F4.0 / F4.5	-	OGFDSR50	-	-
F5.0	-	-	-	OGFDSR57

OneGuide KIT Surgical Instruments

OneGuide SS NoMount Driver

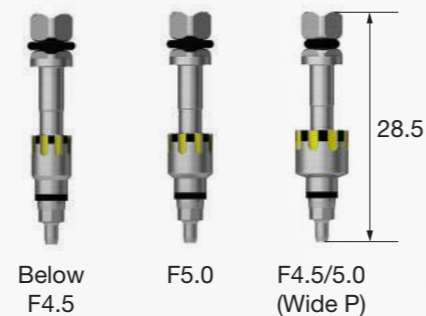
- SSIII Used for placing NoMount Implant
- Placement up to 80% of the planned implant placement depth is recommended
- Sold as an individual item
- P = Platform



P	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

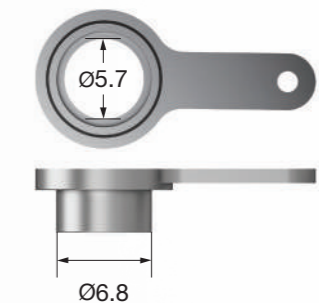
- Used by assembling to a wrench for adjusting the final placement depth
- SSIII G/H 2.8 is placed up to the octa custom groove marking line
- Yellow groove formed to align the abutment octa direction
- Checked by matching the groove of OneGuide with the groove of the driver
- Sold as an individual item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



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

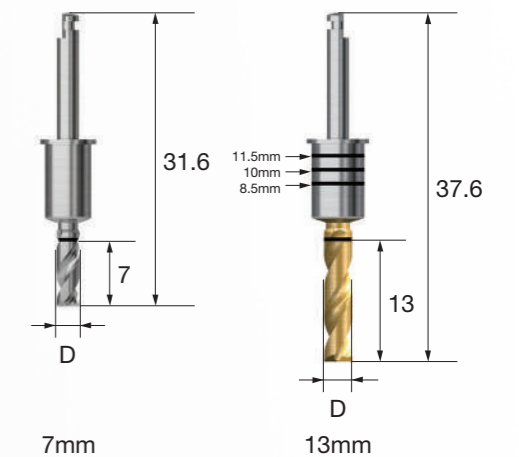
OneGuide Drill Handle ^{NEW 2025}

- Used for SSIII wide platform implant procedure
- Exclusively for extra wide hole (ø6.8)
- Sold as an individual item



OneGuide 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
- 4 types for each OneGuide hole diameter, 8 types in total : Regular hole(ø5.1) / Wide hole(ø5.8)
- 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)

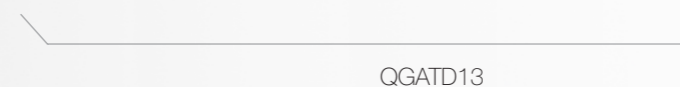
L \ D	ø2.5	ø3.0
7	OGSD2507	OGSD3007
13.0	OGSD2513	OGSD3013

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



QGATD13



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



ASMDS

Anchor Screw

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



QGAS18

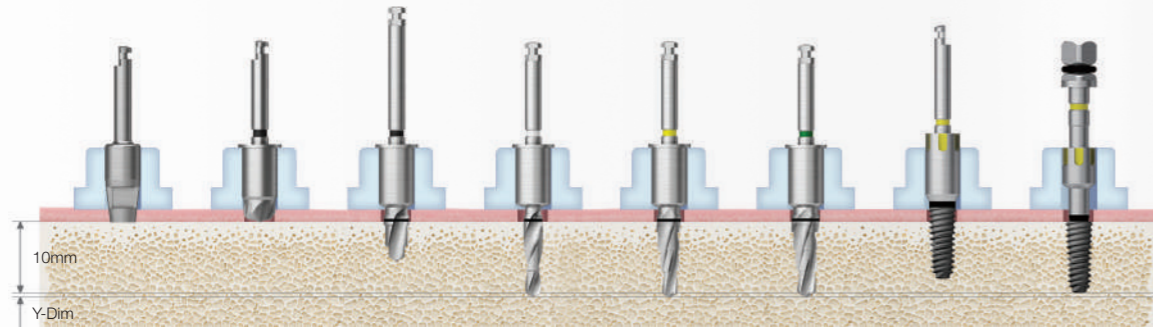
OSSTEM[®]
IMPLANT

Drilling Sequence OneGuide Drill

TSIII | SSIII

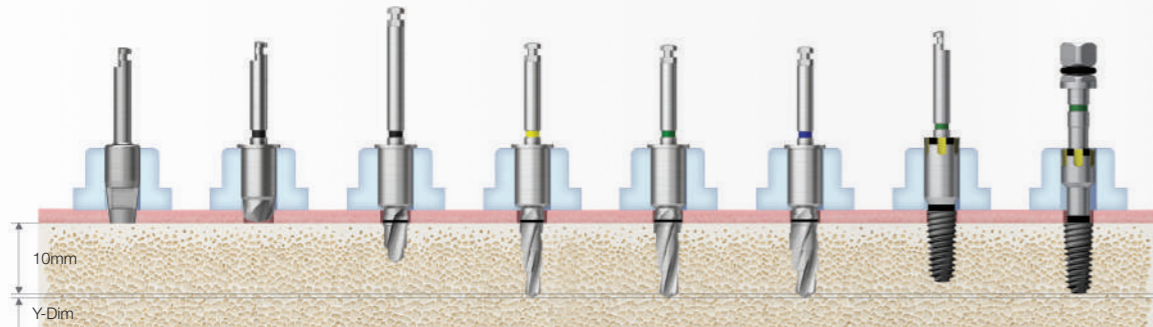
(Length : 10mm)

Ø3.5



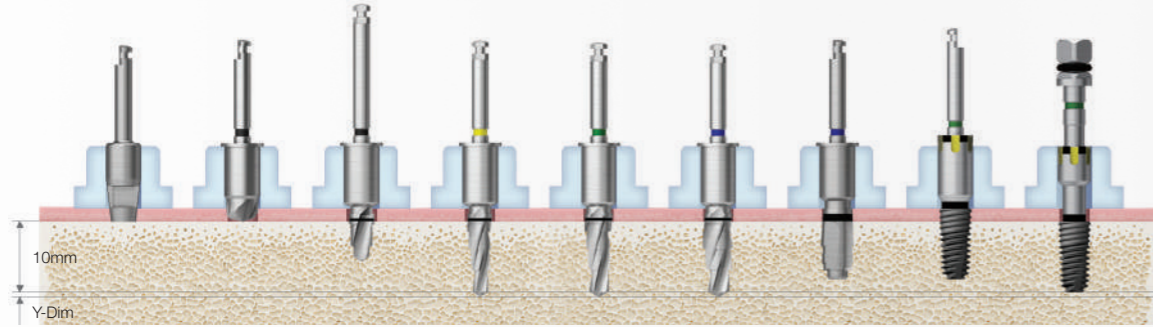
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (Ø2.2)	Drill (F3.5)	Drill (F4.0)	Nomount Driver	Implant Driver
Soft	▶	(▶)	(F3.5 Soft) ▶	▶				
Normal	▶	(▶)	▶		▶		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶		▶			

Ø4.0



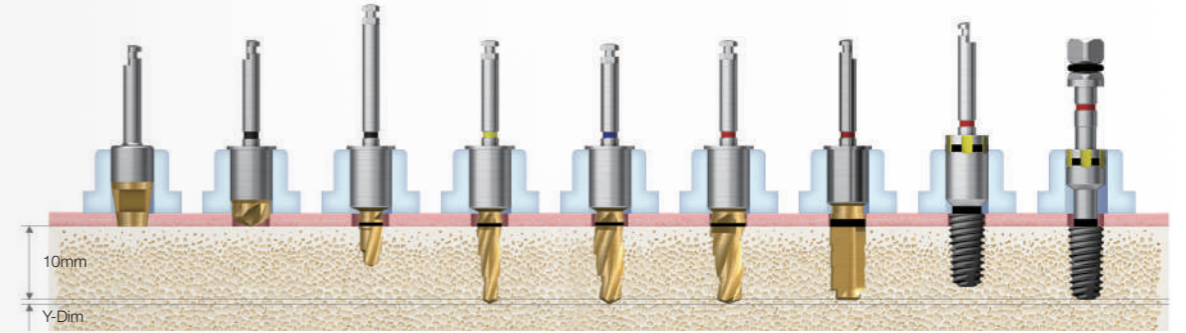
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶				
Normal	▶	(▶)	▶	▶	▶		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶	▶		▶		

Ø4.5



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	▶	(▶)	▶	▶	▶				
Normal	▶	(▶)	▶	▶		▶		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶	▶		▶	▶		

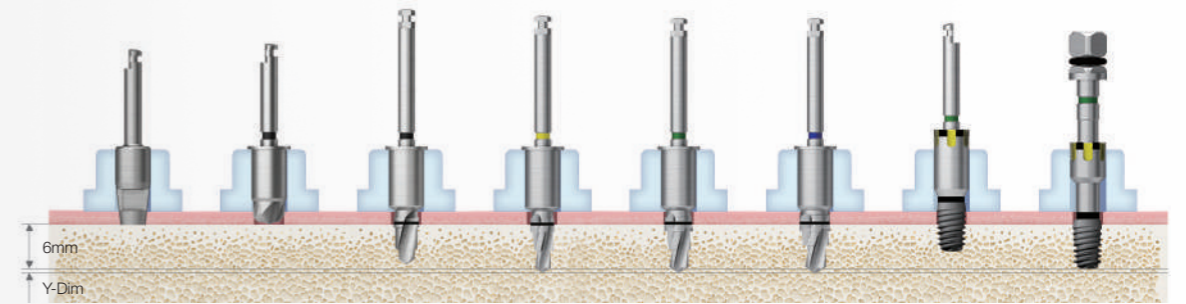
Ø5.0



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	▶	(▶)	▶	▶		▶	▶		

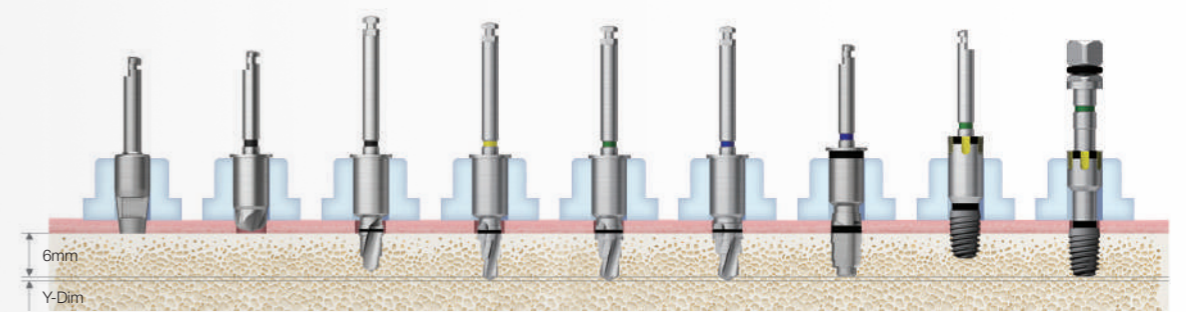
※ For extra short implants (Ø4.0, Ø4.5 / 6mm) only : TS3S4006S, TS3S4506S

Ø4.0



Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	F3,5x6				
Normal	▶	(▶)	▶	F3,5x6	F4,0x6		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶	F3,5x6		F4,5x6		

Ø4.5

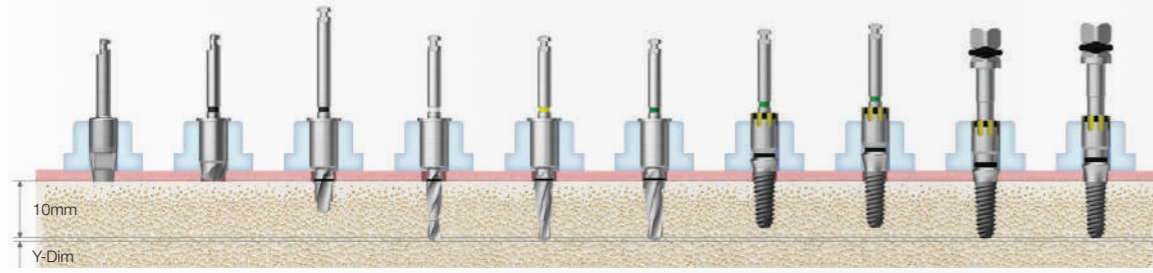


Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Cortical (F4.5)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	F3,5x6	F4,0x6				
Normal	▶	(▶)	▶	F3,5x6		F4,5x6		Implant Placement (Up to 80%)	Implant Placement
Hard	▶	(▶)	▶	F3,5x6		F4,5x6	F4,5x6~8,5		

Drilling Sequence **OneGuide Drill**
TSIII | SSIII

Ø3.5

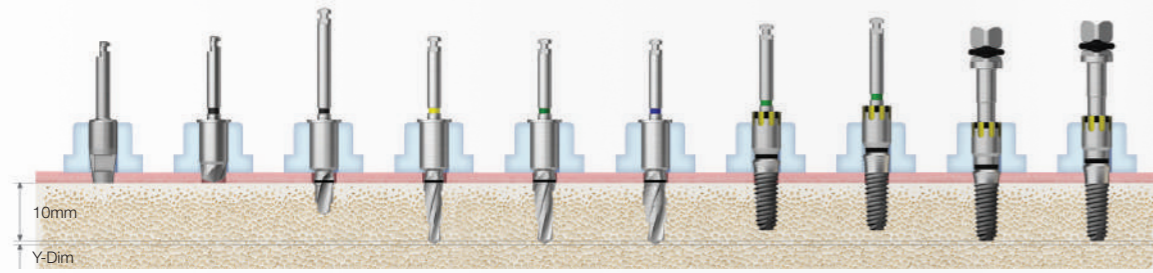
R



Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (Ø2.2)	Drill (F3.5)	Drill (F4.0)	Nomount Driver (G/H 1.8)	Nomount Driver (G/H 2.8)	Implant Driver (G/H 1.8)	Implant Driver (G/H 2.8)
Soft	▶	(▶)	(F3.5 Soft) ▶	▶						
Normal	▶	(▶)	▶		▶				Implant Placement	Implant Placement
Hard	▶	(▶)	▶		▶	▶				

Ø4.0

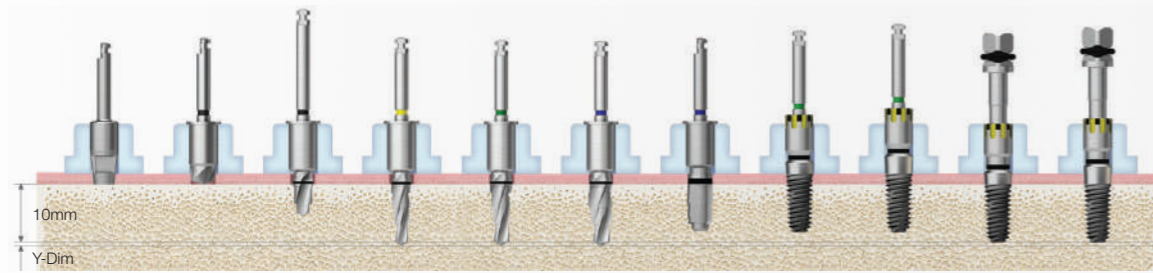
R



Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Nomount Driver (G/H 1.8)	Nomount Driver (G/H 2.8)	Implant Driver (G/H 1.8)	Implant Driver (G/H 2.8)
Soft	▶	(▶)	▶	▶						
Normal	▶	(▶)	▶	▶	▶				Implant Placement	Implant Placement
Hard	▶	(▶)	▶	▶	▶	▶				

Ø4.5

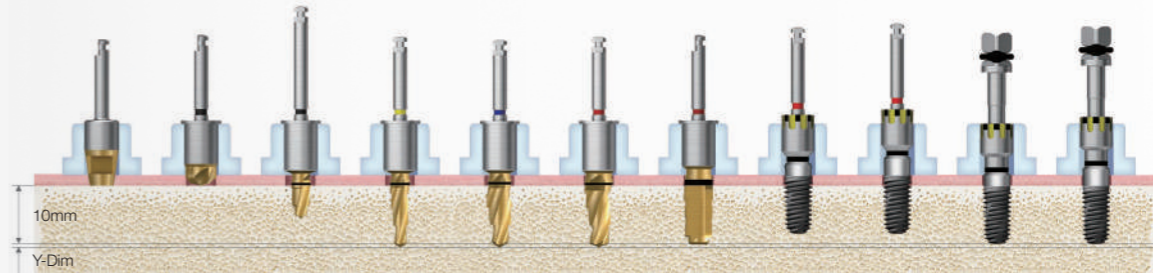
R



Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Drill (F4.5)	Cortical (F4.5)	Nomount Driver (G/H 1.8)	Nomount Driver (G/H 2.8)	Implant Driver (G/H 1.8)	Implant Driver (G/H 2.8)
Soft	▶	(▶)	▶	▶	▶						
Normal	▶	(▶)	▶	▶	▶					Implant Placement	Implant Placement
Hard	▶	(▶)	▶	▶	▶	▶	▶				

Ø5.0

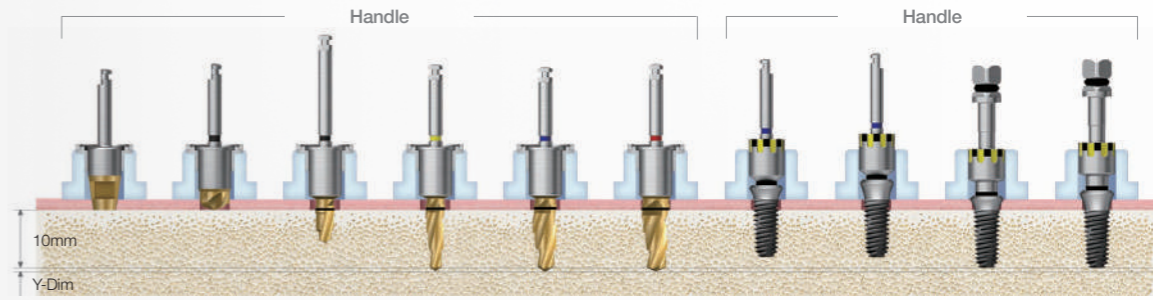
R



Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Initial Drill (W)	Drill (F3.5)	Drill (W) (F4.5)	Drill (W) (F5.0)	Cortical (W) (F5.0)	Nomount Driver (G/H 1.8)	Nomount Driver (G/H 2.8)	Implant Driver (G/H 1.8)	Implant Driver (G/H 2.8)
Soft	▶	(▶)	▶	▶	▶						
Normal	▶	(▶)	▶	▶	▶	▶				Implant Placement	Implant Placement
Hard	▶	(▶)	▶	▶	▶	▶	▶			Implant Placement (Up to 80%)	

Ø4.5

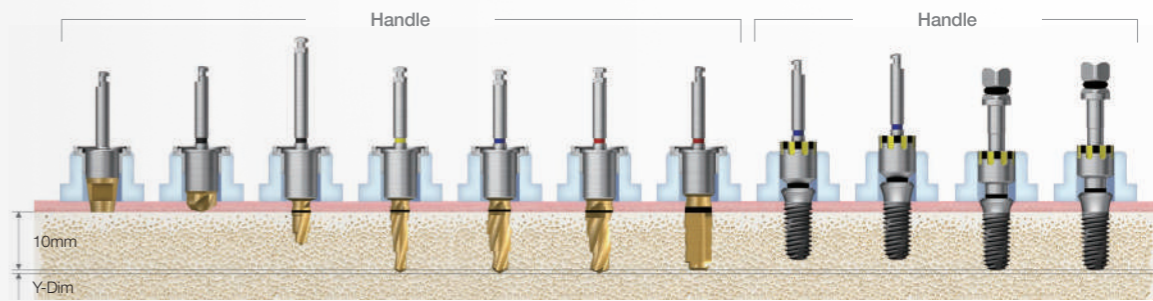
W



Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Initial Drill (W)	Drill (W) (F3.5)	Drill (W) (F4.5)	Drill (W) (F5.0)	Nomount Driver (W) (G/H 1.8)	Nomount Driver (W) (G/H 2.8)	Implant Driver (W) (G/H 1.8)	Implant Driver (W) (G/H 2.8)
Soft	▶	(▶)	▶	▶						
Normal	▶	(▶)	▶	▶	▶				Implant Placement	Implant Placement
Hard	▶	(▶)	▶	▶	▶	▶			Implant Placement (Up to 80%)	

Ø5.0

W



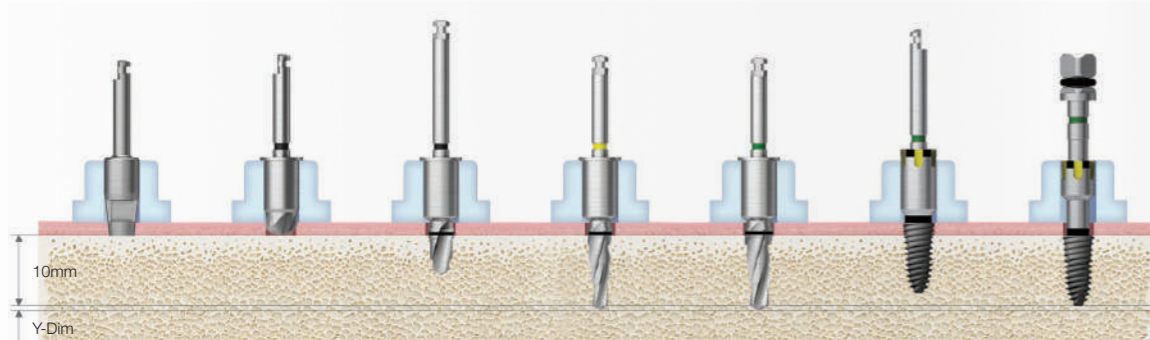
Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Initial Drill (W)	Drill (W) (F3.5)	Drill (W) (F4.5)	Drill (W) (F5.0)	Cortical (W) (F5.0)	Nomount Driver (W) (G/H 1.8)	Nomount Driver (W) (G/H 2.8)	Implant Driver (W) (G/H 1.8)	Implant Driver (W) (G/H 2.8)
Soft	▶	(▶)	▶	▶	▶						
Normal	▶	(▶)	▶	▶	▶	▶				Implant Placement	Implant Placement
Hard	▶	(▶)	▶	▶	▶	▶	▶			Implant Placement (Up to 80%)	

Drilling Sequence OneGuide Drill

TSIV

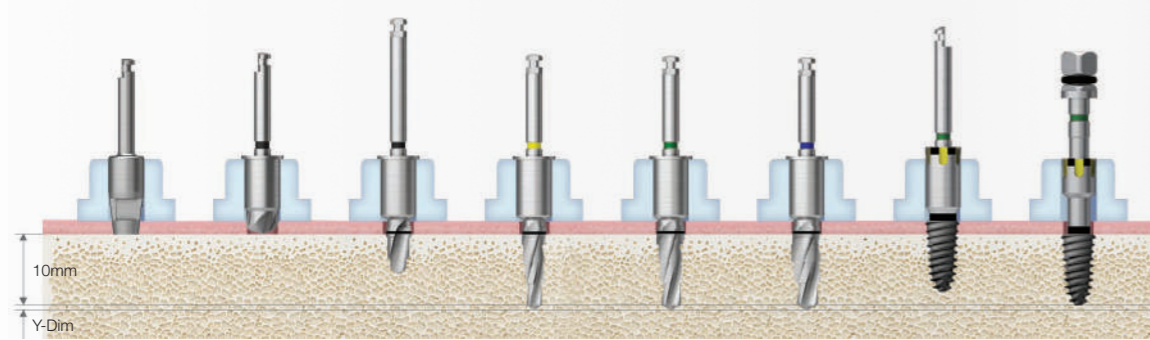
(Length : 10mm)

Ø4.0



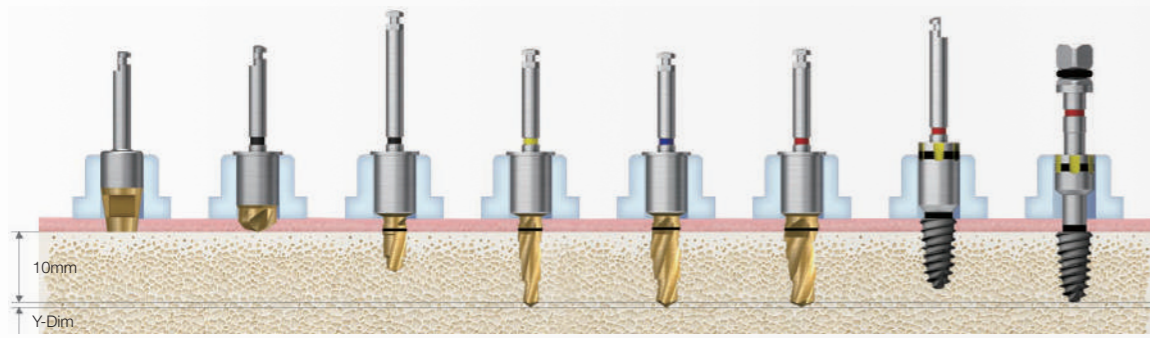
Bone Quality	Tissue Punch	Flattening Drill	Initial Drill	Drill (F3.5)	Drill (F4.0)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶		Implant Placement (Up to 80%)	Implant Placement

Ø4.5



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

Ø5.0



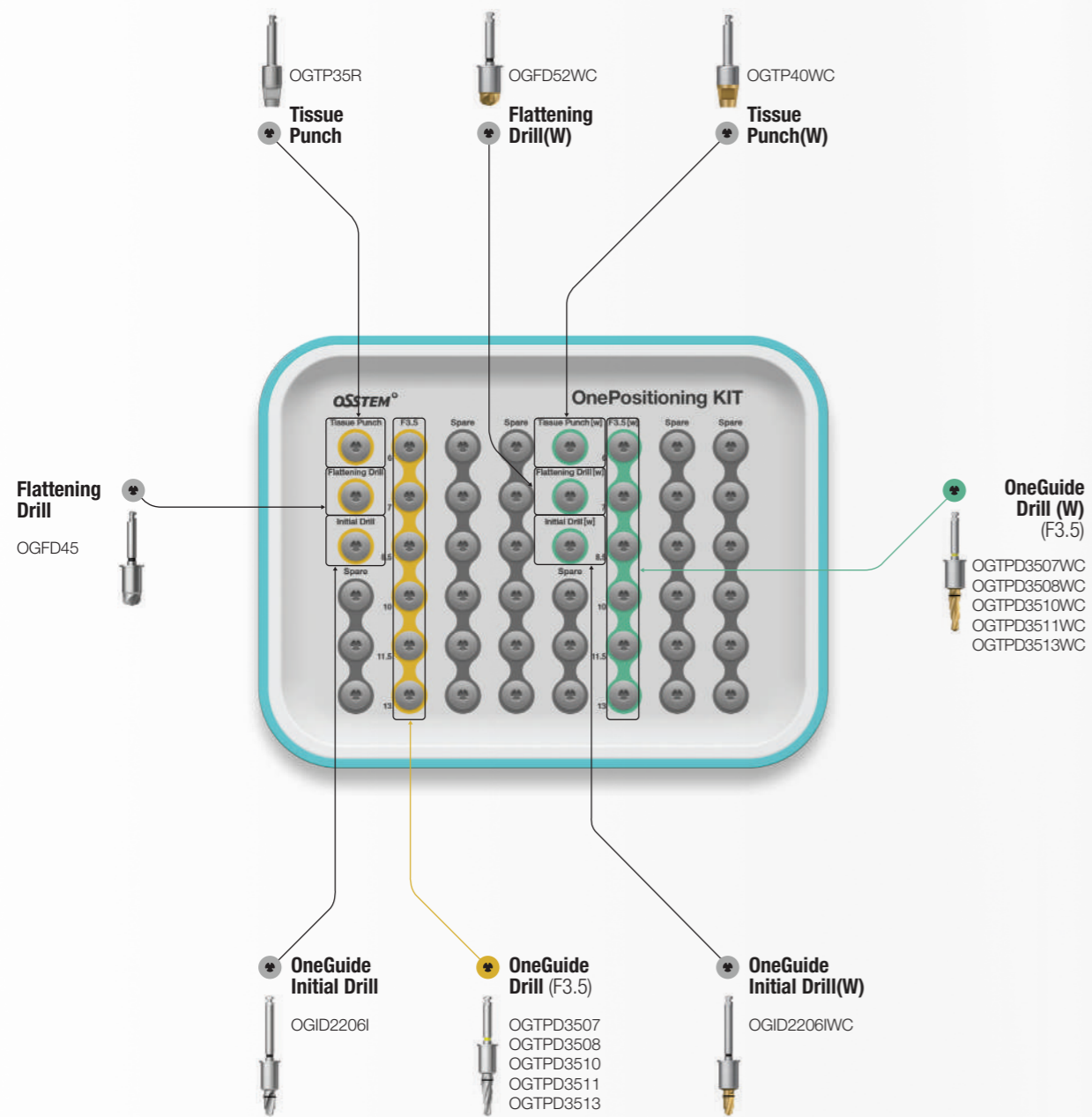
Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Initial Drill (W)	Drill (W) (F3.5)	Drill (W) (F4.5)	Drill (W) (F5.0)	Nomount Driver	Implant Driver
Soft	▶	(▶)	▶	▶	▶		Implant Placement (Up to 80%)	Implant Placement



OnePositioning KIT (OOPK) NEW 2025

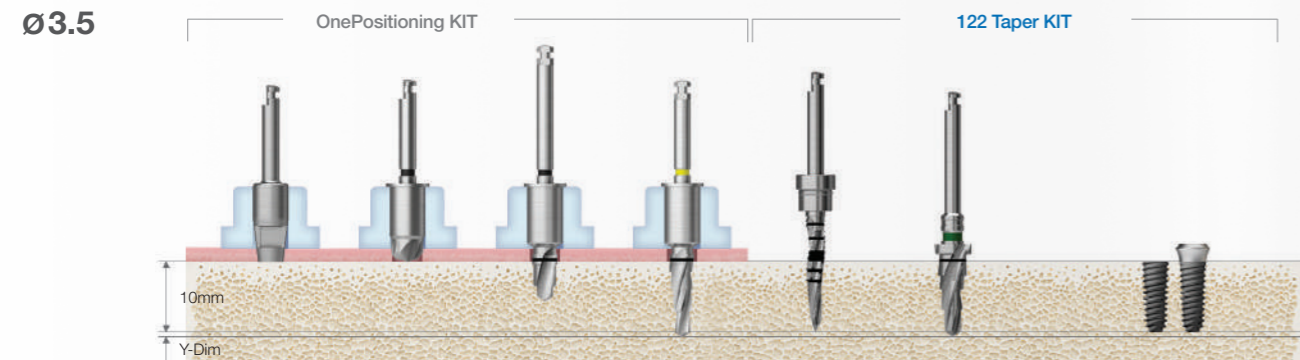
Applicable Products TSIII / IV SSIII III / IV Ultra-wide

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

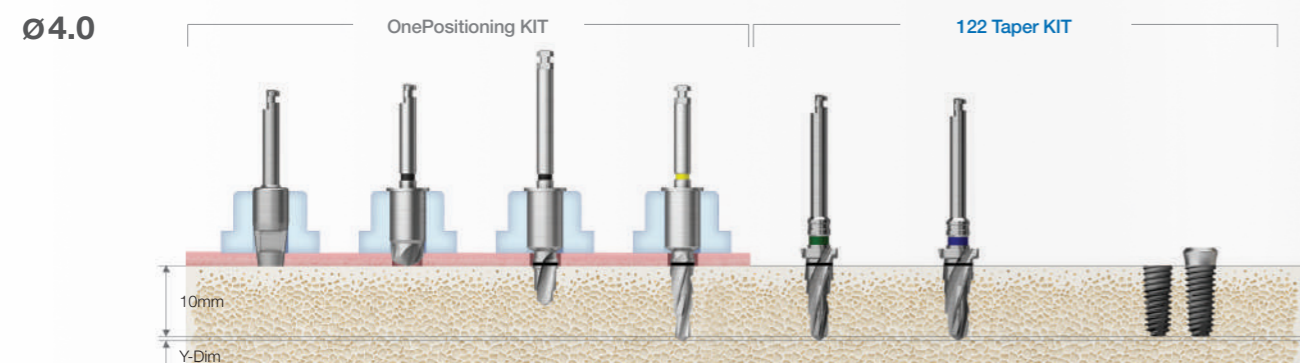


OSSTEM[®]
IMPLANT

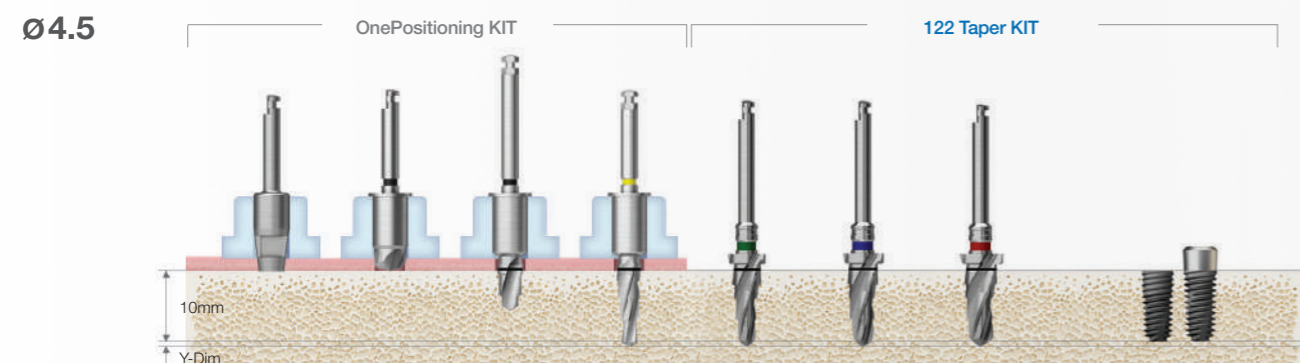
Drilling Sequence **OneGuide Drill + 122 Taper Drill**
TSIII/IV | SSIII | III/IV Ultra-wide
 (Length : 10mm)



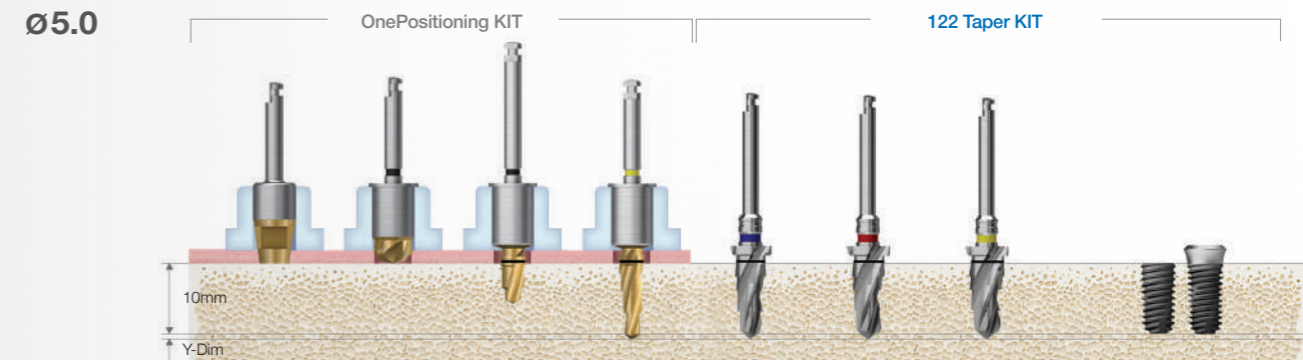
Bone Quality	Tissue Punch	Flattening	Initial	F3.5	Guide Drill	F4.0	
Soft	(▶)	(▶)	▶ F3.5 soft (Option)				Implant Placement
Normal	(▶)	(▶)	▶	▶			
Hard	(▶)	(▶)	▶	▶			



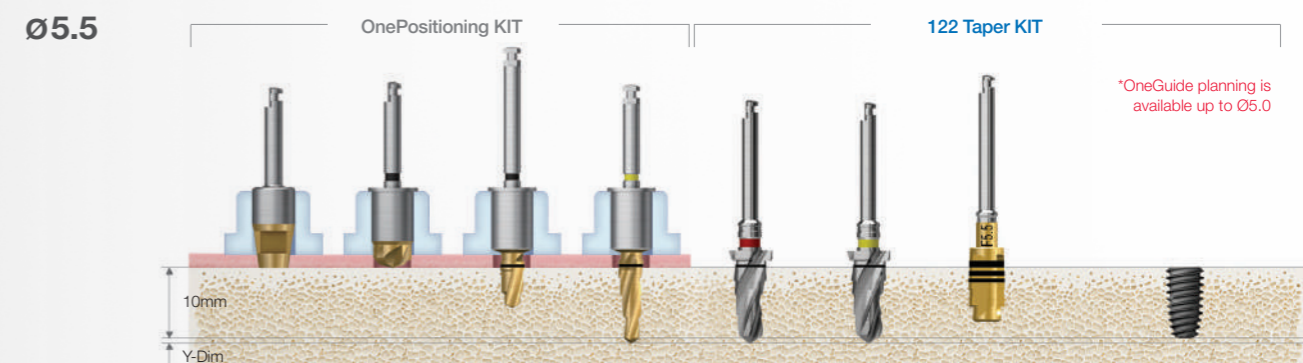
Bone Quality	Tissue Punch	Flattening	Initial	F3.5	F4.0	F4.5	
Soft	(▶)	(▶)	▶	▶			Implant Placement
Normal	(▶)	(▶)	▶	▶	▶		
Hard	(▶)	(▶)	▶	▶		▶	



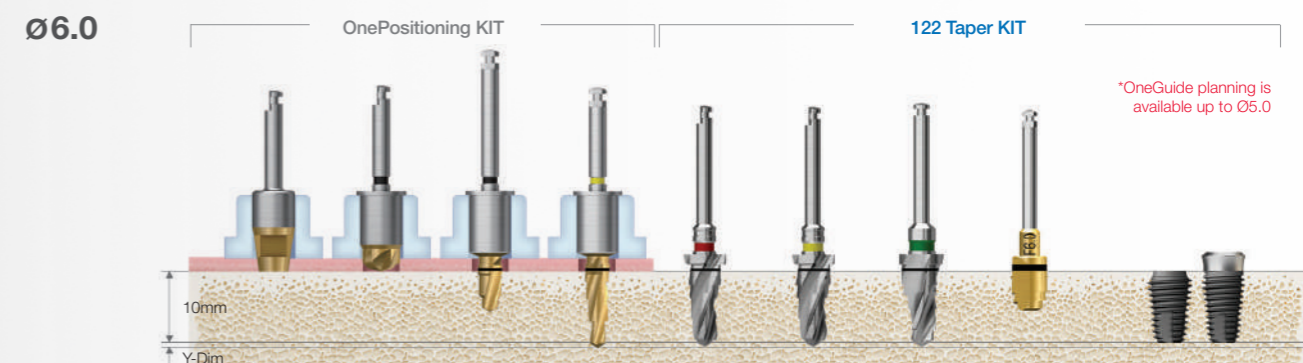
Bone Quality	Tissue Punch	Flattening	Initial	F3.5	F4.0	F4.5	F4.5	
Soft	(▶)	(▶)	▶	▶	▶			Implant Placement
Normal	(▶)	(▶)	▶	▶		▶		
Hard	(▶)	(▶)	▶	▶			▶	



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



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

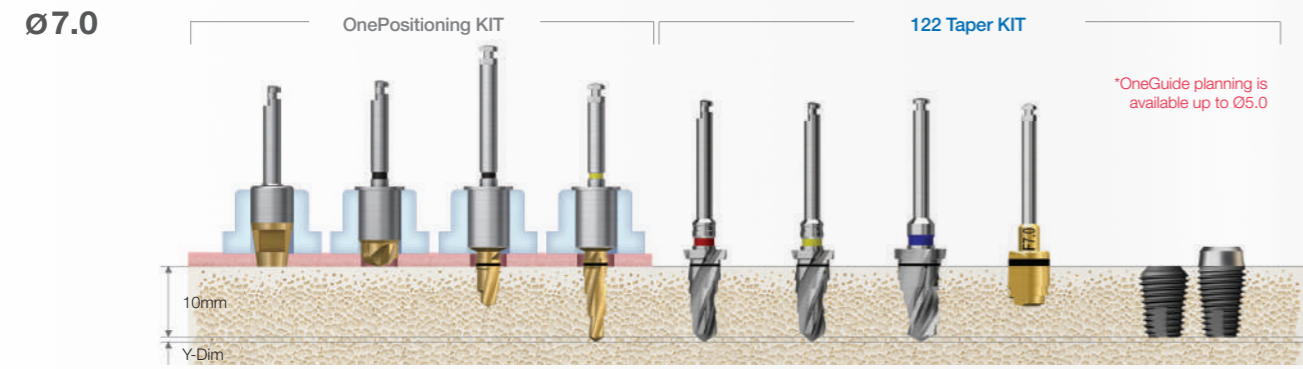


Bone Quality	Tissue Punch (W)	Flattening (W)	Initial (W)	F3.5 (W)	F5.0	F5.5	F6.0	F6.0 Cortical	
Soft	(▶)	(▶)	▶	▶	▶	▶			Implant Placement
Normal	(▶)	(▶)	▶	▶	▶		▶		
Hard	(▶)	(▶)	▶	▶	▶		▶	▶	

Drilling Sequence **OneGuide Drill + 122 Taper Drill**

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

(Length : 10mm)



Bone Density	Tissue Punch (W)	Flattening (W)	Initial (W)	F3.5 (W)	F5.0	F6.0	F7.0	F7.0 Cortical	Implant Placement
Soft	▶	▶	▶	▶	▶	▶			
Normal	▶	▶	▶	▶	▶		▶		
Hard	▶	▶	▶	▶	▶		▶	▶	



OneCAS KIT (OOCK)

Applicable Products

TSII / III SSII / III

Bottom panel components

Bone Carrier Head
OCBCH32, OCBCH37W



Bone Carrier
OCBCS30



Bone Condenser
SNBC1114



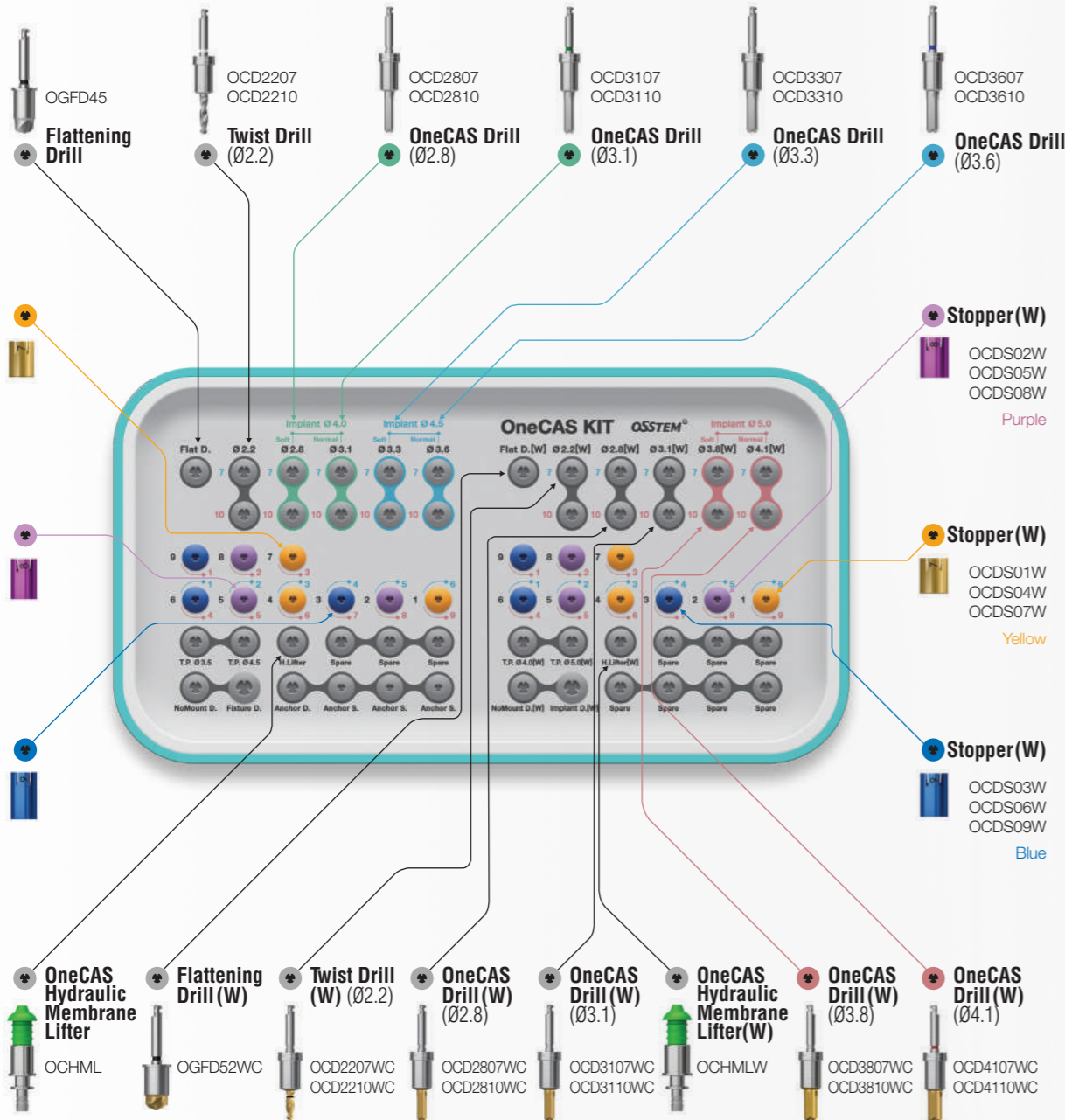
Depth Gauge
OC DG



Top panel components
Depth Gauge (W)
OC DGW



Hydraulic Membrane Lifter Tube
SNMT



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)

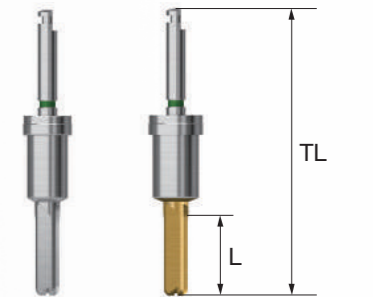
L	TL	Ø2.2
7	33.2	OCD2207
10	36.2	OCD2210

Wide Hole (Ø5.8)

L	TL	Ø2.2
7	33.2	OCD2207WC
10	36.2	OCD2210WC

OneCAS Drill

- Used with a guide of OneGuide system
- 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 (Ø3.3, Ø3.6) 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)

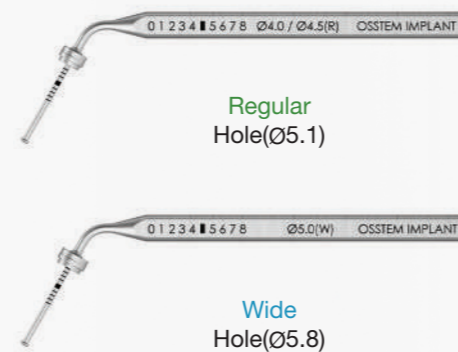


Wide Hole (Ø5.8)



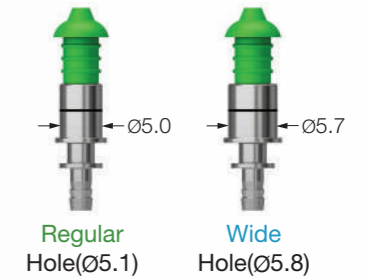
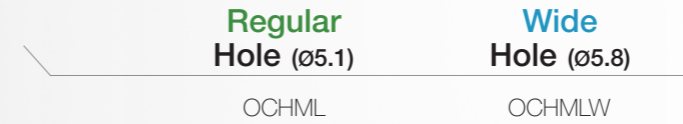
Depth Gauge

- 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



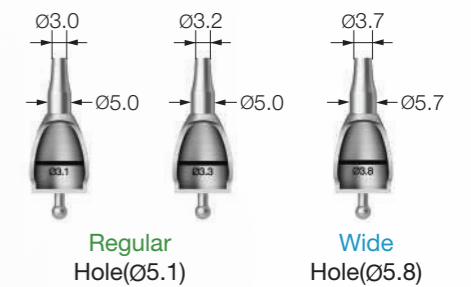
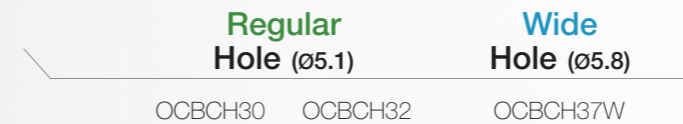
Hydraulic Membrane Lifter

- 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



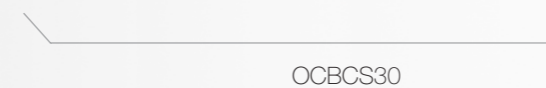
Bone Carrier Head

- 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
- 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



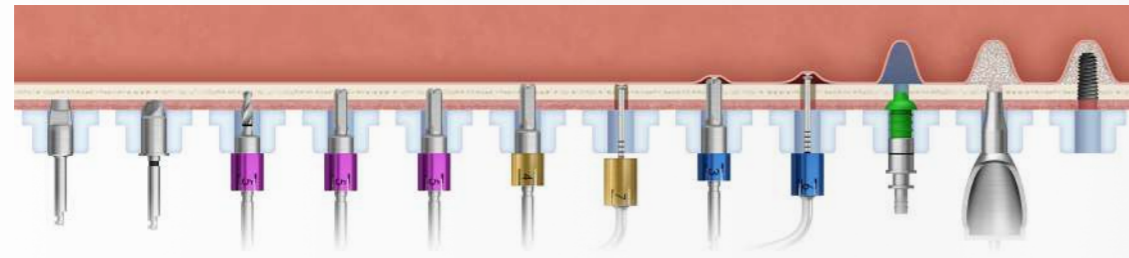
Drilling Sequence OneCAS KIT

Residual bone height 3mm Ø4.0



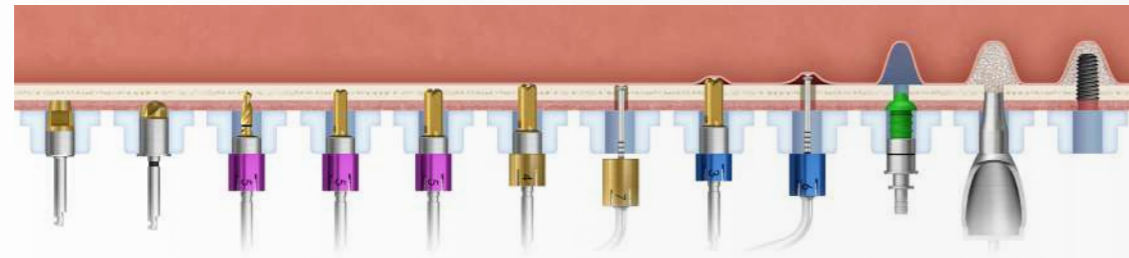
Bone Quality	Tissue Punch	Flattening Drill	Twist Drill (Ø2.2x7)	OneCAS Drill	OneCAS Drill	Depth Gauge	OneCAS Drill	Depth Gauge	Hydraulic Lifter	Bone Carrier	Implant
Soft	▶	▶	▶	Ø2.8x7	Ø2.8x7	▶	Ø2.8x7	▶	▶	▶	▶
Normal	▶	▶	▶	Ø3.1x7	Ø3.1x7	▶	Ø3.1x7	▶	▶	▶	▶
Stopper			5	5	4	7	3	6			

Residual bone height 3mm Ø4.5



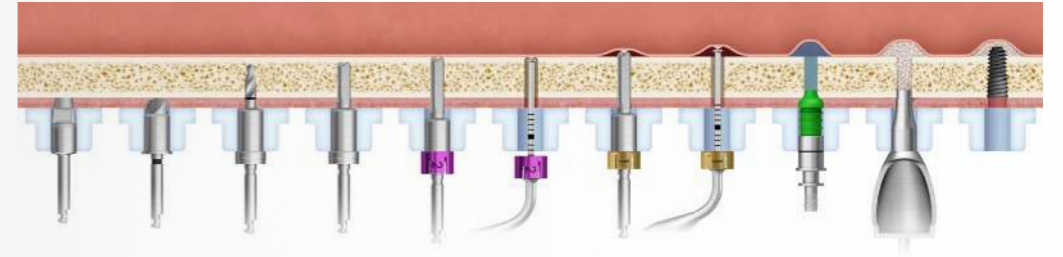
Bone Quality	Tissue Punch	Flattening Drill	Twist Drill (Ø2.2x7)	OneCAS Drill	OneCAS Drill	OneCAS Drill	Depth Gauge	OneCAS Drill	Depth Gauge	Hydraulic Lifter	Bone Carrier	Implant
Soft	▶	▶	▶	Ø2.8x7	Ø3.3x7	Ø3.3x7	▶	Ø3.3x7	▶	▶	▶	▶
Normal	▶	▶	▶	Ø3.1x7	Ø3.6x7	Ø3.6x7	▶	Ø3.6x7	▶	▶	▶	▶
Stopper			5	5	5	4	7	3	6			

Residual bone height 3mm Ø5.0



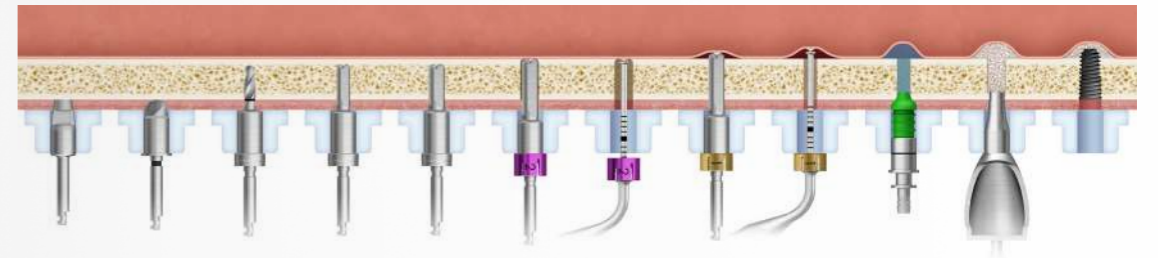
Bone Quality	Tissue Punch(W)	Flattening Drill(W)	Twist Drill (Ø2.2x7)(W)	OneCAS Drill(W)	OneCAS Drill(W)	OneCAS Drill(W)	Depth Gauge(W)	OneCAS Drill(W)	Depth Gauge(W)	Hydraulic Lifter(W)	Bone Carrier(W)	Implant
Soft	▶	▶	▶	Ø2.8x7	Ø3.8x7	Ø3.8x7	▶	Ø3.8x7	▶	▶	▶	▶
Normal	▶	▶	▶	Ø3.1x7	Ø4.1x7	Ø4.1x7	▶	Ø4.1x7	▶	▶	▶	▶
Stopper (W)			5	5	5	4	7	3	6			

Residual bone height 8mm Ø4.0



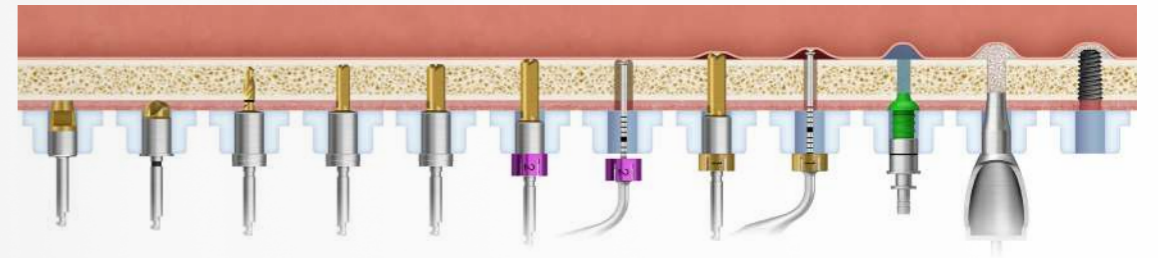
Bone Quality	Tissue Punch	Flattening Drill	Twist Drill (Ø2.2x7)	OneCAS Drill	OneCAS Drill	Depth Gauge	OneCAS Drill	Depth Gauge	Hydraulic Lifter	Bone Carrier	Implant
Soft	▶	▶	▶	Ø2.8x7	Ø2.8x10	▶	Ø2.8x10	▶	▶	▶	▶
Normal	▶	▶	▶	Ø3.1x7	Ø3.1x10	▶	Ø3.1x10	▶	▶	▶	▶
Stopper					2	2	1	1			

Residual bone height 8mm Ø4.5



Bone Quality	Tissue Punch	Flattening Drill	Twist Drill (Ø2.2x7)	OneCAS Drill	OneCAS Drill	OneCAS Drill	Depth Gauge	OneCAS Drill	Depth Gauge	Hydraulic Lifter	Bone Carrier	Implant
Soft	▶	▶	▶	Ø2.8x7	Ø3.3x7	Ø3.3x10	▶	Ø3.3x10	▶	▶	▶	▶
Normal	▶	▶	▶	Ø3.1x7	Ø3.6x7	Ø3.6x10	▶	Ø3.6x10	▶	▶	▶	▶
Stopper						2	2	1	1			

Residual bone height 8mm Ø5.0

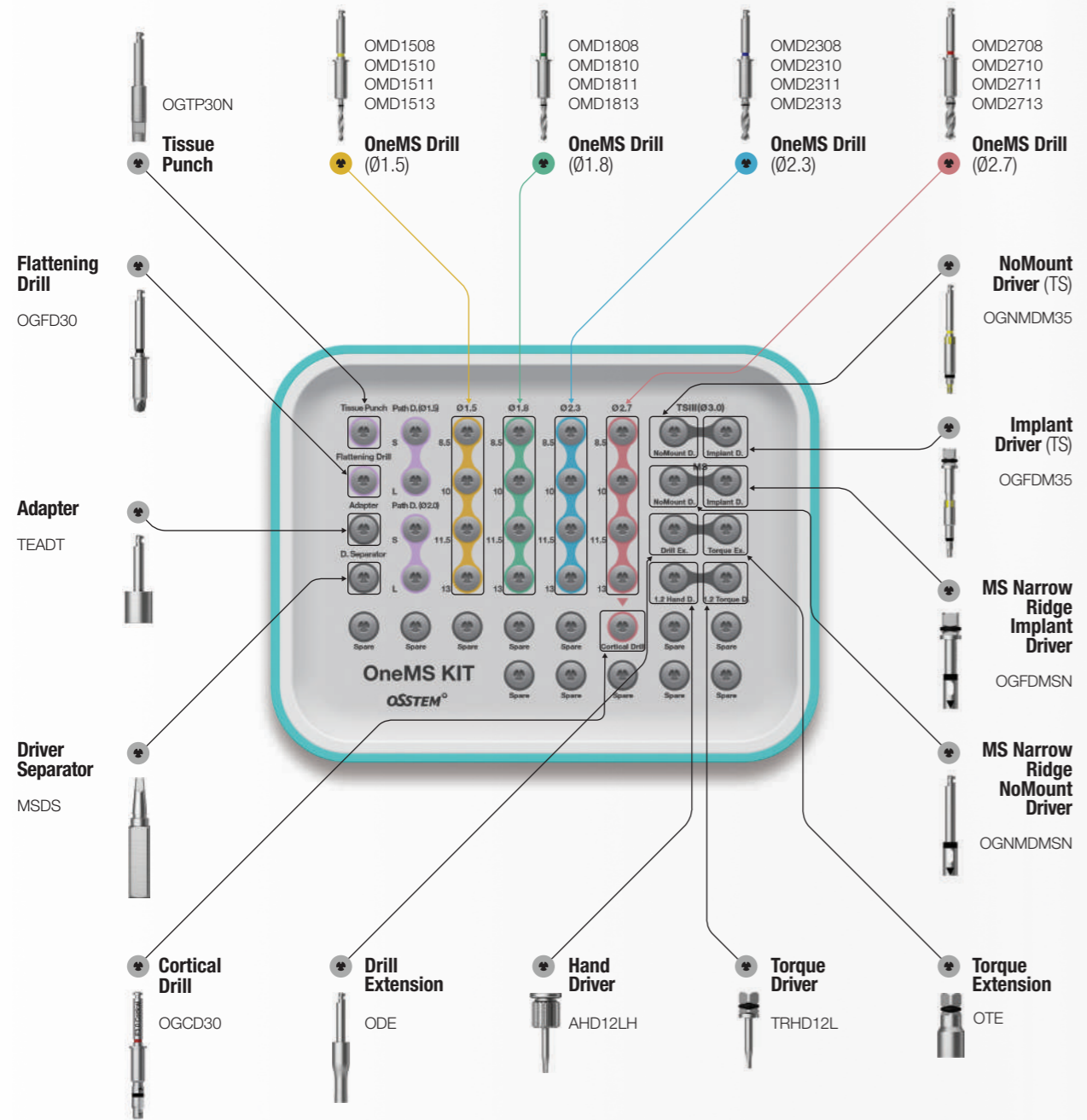
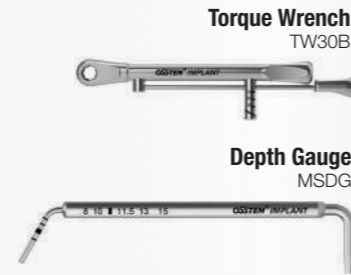


Bone Quality	Tissue Punch(W)	Flattening Drill(W)	Twist Drill (Ø2.2x7)(W)	OneCAS Drill(W)	OneCAS Drill(W)	OneCAS Drill(W)	Depth Gauge(W)	OneCAS Drill(W)	Depth Gauge(W)	Hydraulic Lifter(W)	Bone Carrier(W)	Implant
Soft	▶	▶	▶	Ø2.8x7	Ø3.8x7	Ø3.8x10	▶	Ø3.8x10	▶	▶	▶	▶
Normal	▶	▶	▶	Ø3.1x7	Ø4.1x7	Ø4.1x10	▶	Ø4.1x10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

OneMS KIT (OOMSK)

Applicable Products **TSIII** **MS**
Ø3.0

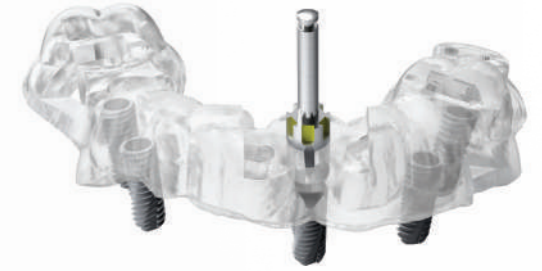
Top panel components



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 guide
 - Option : temporary crown

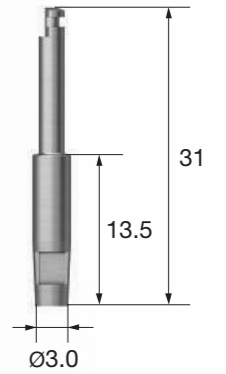


Tissue Punch

- 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)

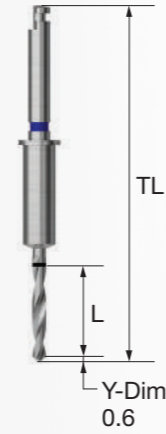
OGFD30



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)
- 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



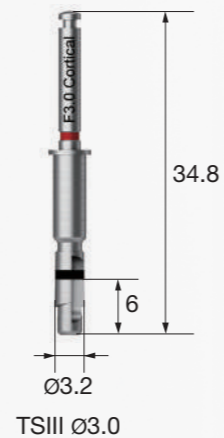
Narrow Hole (Ø3.6)

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

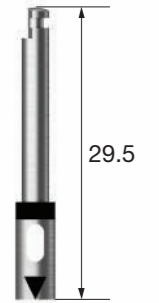
Narrow Hole (Ø3.6)
TSIII Ø3.0 OGCD30



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

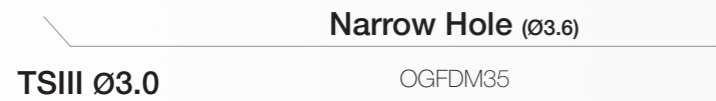
Narrow Hole (Ø3.6)
MS Narrow Ridge
Ø2.0 / Ø2.5 / Ø3.0 OGFDMNSN



OneMS KIT Surgical Instruments

Implant Driver

- 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



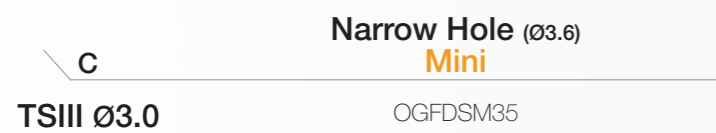
Driver Separator

- 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



Implant Driver (Stopper Type)

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

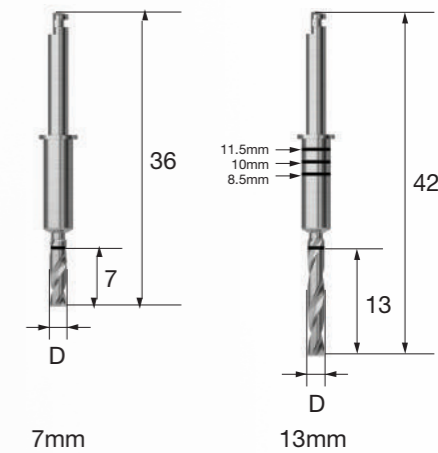


OneMS Path Drill

- 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

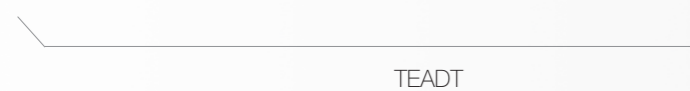
Narrow Hole (Ø3.6)

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



Adapter

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

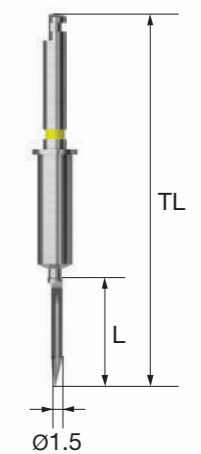


OneMS Lance Drill

- 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



Drilling Sequence OneMS Drill

TSIII(Ø3.0) | MS

(Length : 10mm)

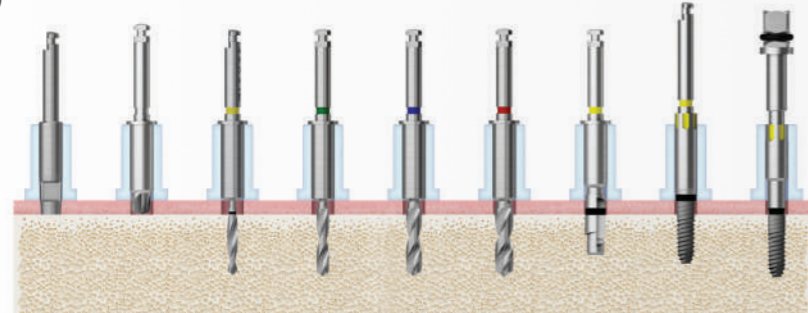
For drilling sequence of Implant 10 / 11.5 / 13mm, 8.5mm drill must precede for each step

Ex. Ø2.5x11.5mm MS implant

: Tissue punch ▶ Flattening drill ▶ Ø1.8x8.5mm (Must precede) ▶ Ø1.8x11.5mm ▶ NoMount driver ▶ Implant driver

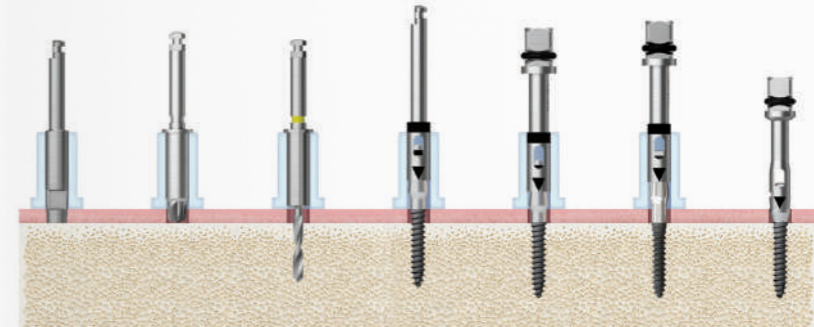
※ Ø1.5 Drill(Optional) : Used as an option for stable initial drilling

TSIII Ø3.0



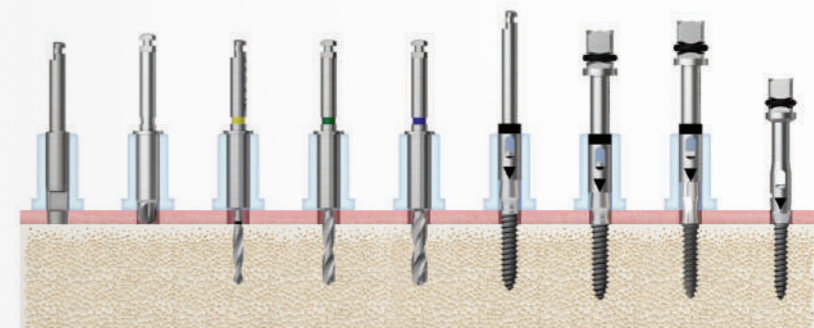
Bone Quality	Tissue Punch	Flattening Drill	OneMS Drill (Ø1.5)	OneMS Drill (Ø1.8)	OneMS Drill (Ø2.3)	OneMS Drill (Ø2.7)	F3.0 Cortical Drill	NoMount Driver	Implant Driver
Soft	▶	(▶)	(▶)	▶	▶			▶	▶
Normal	▶	(▶)	(▶)	▶	▶	▶		▶	▶
Hard	▶	(▶)	(▶)	▶	▶	▶	▶	▶	▶

MS Ø2.0



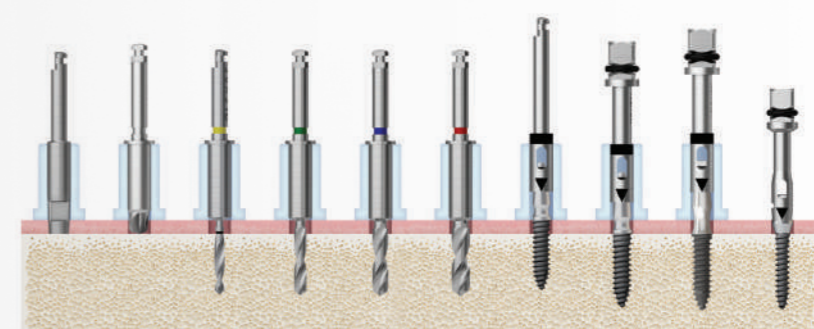
Bone Quality	Tissue Punch	Flattening Drill	OneMS Drill (Ø1.5)	NoMount Driver	Implant Driver		
					G/H 2.5	G/H 4.0	Denture
Soft	▶	(▶)	▶	▶		▶	
Normal	▶	(▶)	▶	▶		▶	
Hard	▶	(▶)	▶	▶		▶	

MS Ø2.5



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

MS Ø3.0



Bone Quality	Tissue Punch	Flattening Drill	OneMS Drill (Ø1.5)	OneMS Drill (Ø1.8)	OneMS Drill (Ø2.3)	OneMS Drill (Ø2.7)	NoMount Driver	Implant Driver		
								G/H 2.5	G/H 4.0	Denture
Soft	▶	(▶)	(▶)	▶	-	-	▶		▶	
Normal	▶	(▶)	(▶)	▶	-	-	▶		▶	
Hard	▶	(▶)	(▶)	▶	▶	(▶)	▶		▶	

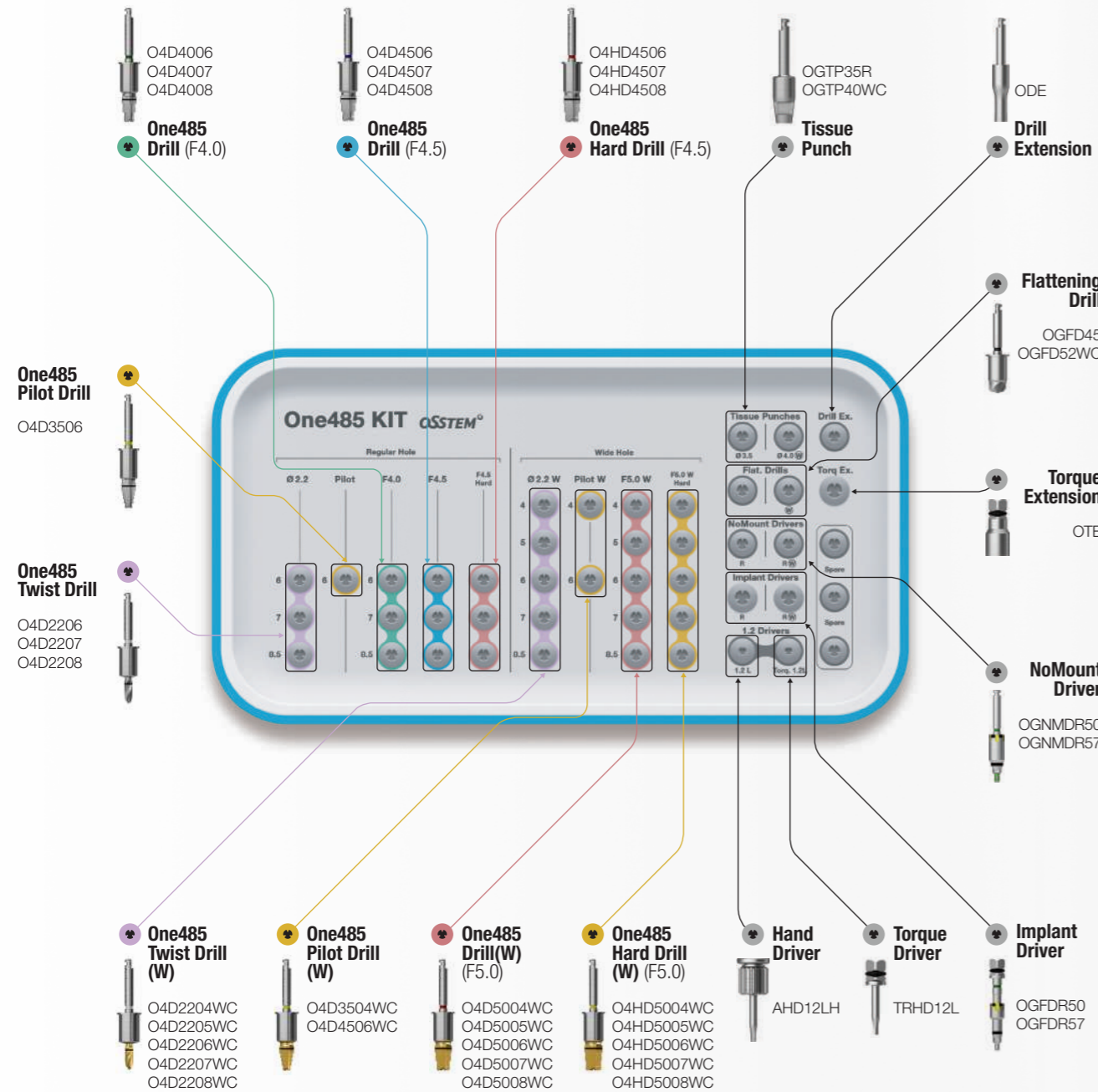
Applicable Products **TSIII** **SSIII**

Top panel components

Torque Wrench
TW30B

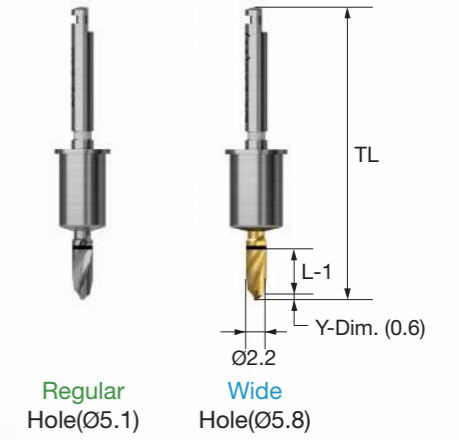


Depth Gauge
OSDG



One485 Twist Drill

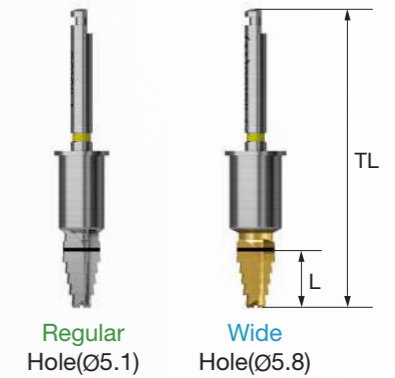
- Initial drill for determining the placement position and securing the guide depth of the subsequent drill
- Drilling with a straight blade up to -1mm of the implant placement depth
- Available in 8 types in total according to the diameter of OneGuide hole
 - Regular hole (Ø5.1) / Wide hole (Ø5.8)
-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



L	TL	Regular Hole (Ø5.1) F4.5	Wide Hole (Ø5.8) F5.0W
		4.0	30.9
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

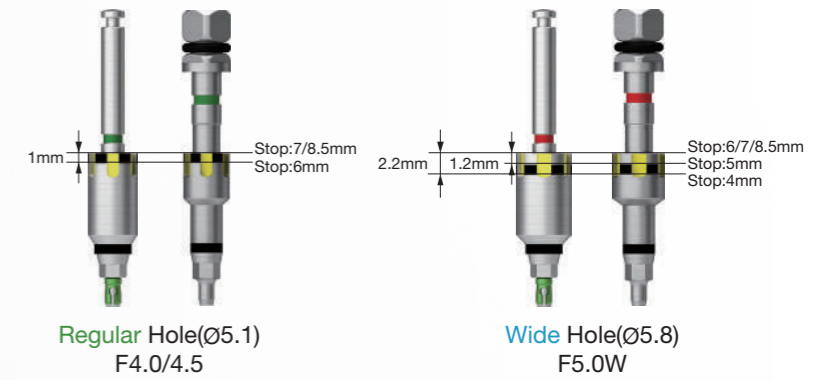
Wide Hole (Ø5.8)

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

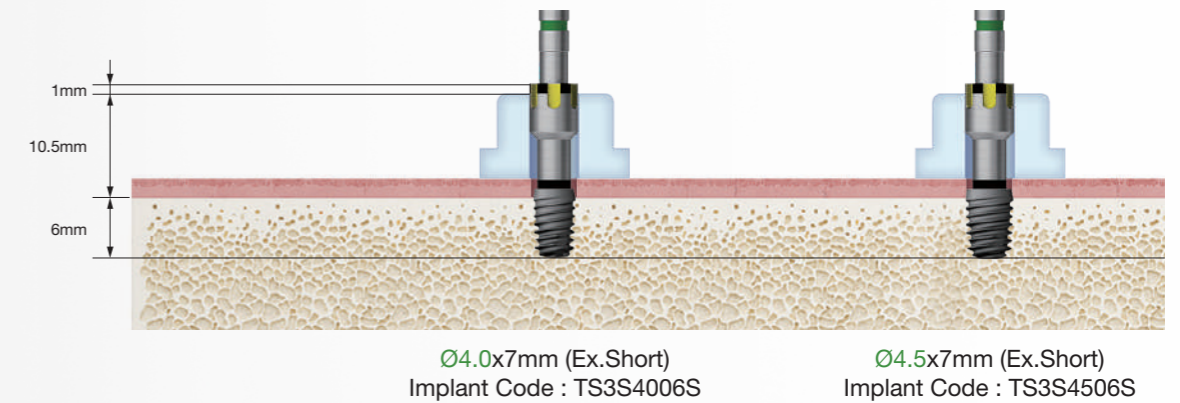
One485 KIT

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

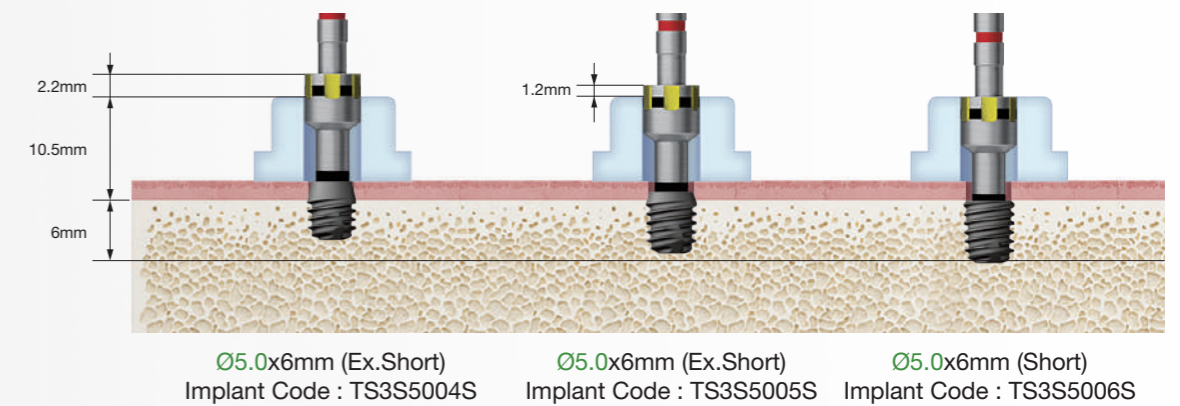
NoMount / Implant Driver characteristics



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



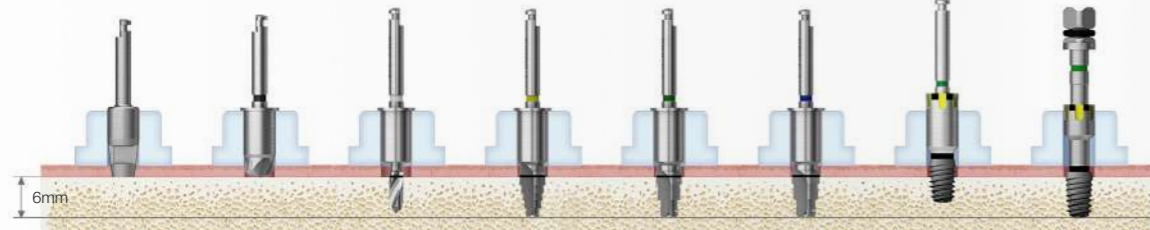
Ø5.0x6mm(Ex.Short) Placement Guide



Drilling Sequence One485 Drill

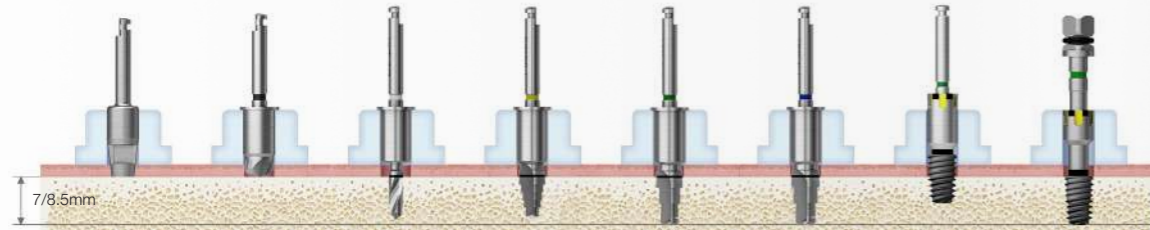
TSIII | SSIII

Extra Short Ø4.0 x 7mm



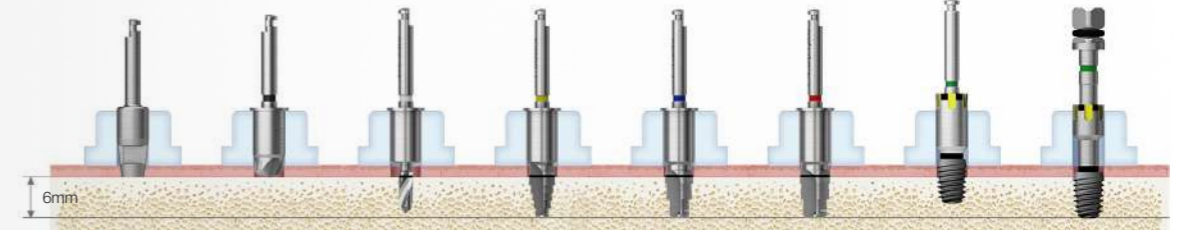
Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver
Ø4.0x7mm (Extra Short)	Normal	▶	(▶)	Ø2.2x6	Ø3.5x6	F4.0x6		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x6	Ø3.5x6		F4.5x6		

Ø4.0 x 7/8.5mm



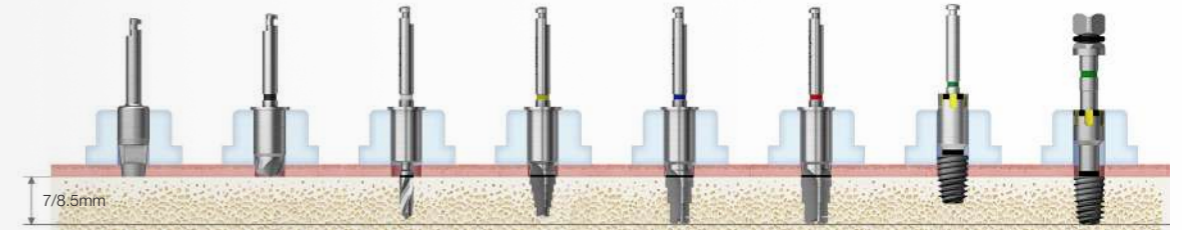
Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver
Ø4.0x 7/8.5mm	Normal	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6	F4.0x7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6		F4.5x7/8.5		

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 (Extra Short)	Normal	▶	(▶)	Ø2.2x6	Ø3.5x6	F4.5x6		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x6	Ø3.5x6		F4.5x6		

Ø4.5 x 7/8.5mm

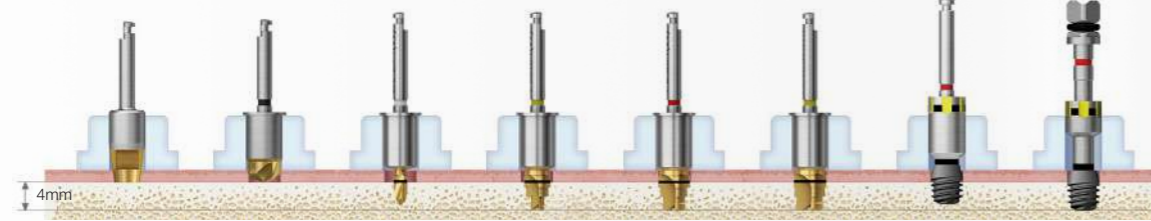


Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Hard Drill	NoMount Driver	Implant Driver
Ø4.5x 7/8.5mm	Normal	▶	(▶)	Ø2.2x7/8.5	Ø3.5 x 6	F4.5x7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x7/8.5	Ø3.5 x 6		F4.5x7/8.5		

Drilling Sequence One485 Drill

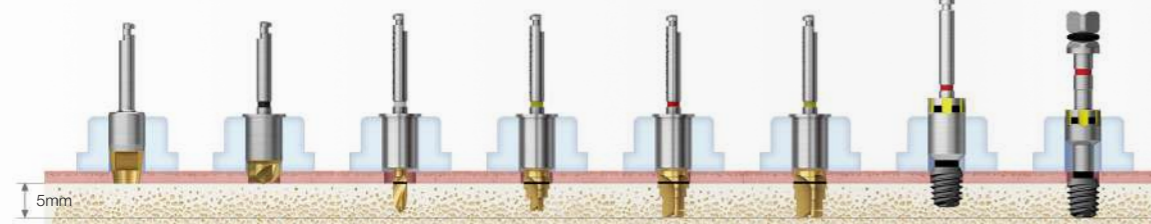
TSIII | SSIII

Extra Short Ø5.0 x 6mm



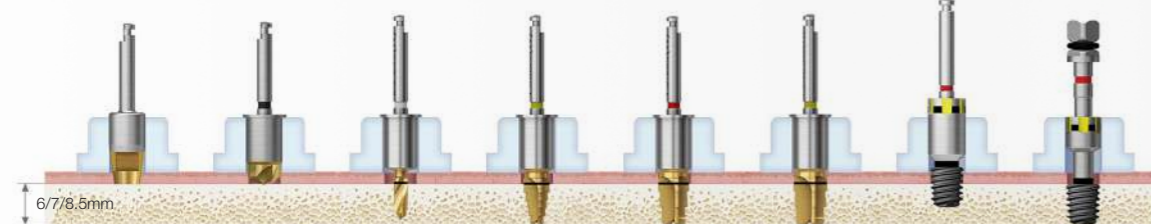
Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)
Ø5.0x6mm (Extra Short)	Normal	▶	(▶)	Ø2.2x4	Ø3.5x4	F5.0x4		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x4	Ø3.5x4		F5.0x4		

Extra Short Ø5.0 x 6mm



Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)
Ø5.0x6mm (Extra Short)	Normal	▶	(▶)	Ø2.2x5	Ø3.5x4	F5.0x5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x5	Ø3.5x4		F5.0x5		

Ø5.0 x 6/7/8.5mm



Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)
Ø5.0x 6/7/8.5mm	Normal	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6	F5.0x6/7/8.5		Implant Placement (Up to 80%)	Implant Placement
	Hard	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6		F5.0x6/7/8.5		



Drilling Sequence **One485 Drill**

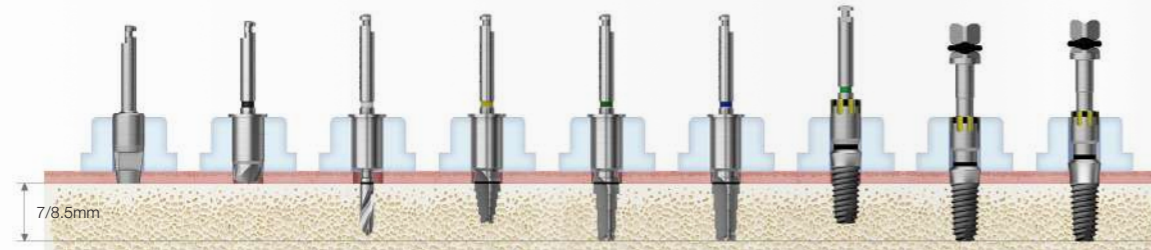
TSIII | SSIII

G/H 1.8&2.8

D Ø4.0

P Ø4.8

R



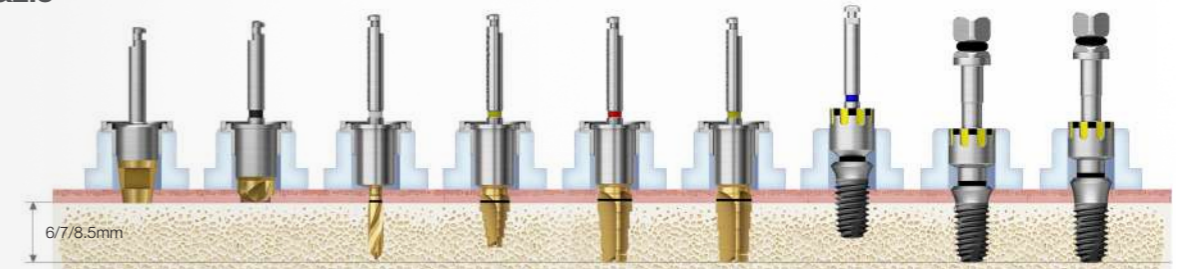
Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver	
									G/H 1.8	G/H 2.8
Ø4.0x 7/8.5mm	Normal	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6	F4.0x7/8.5		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6		F4.5x7/8.5			

G/H 1.8&2.8

D Ø5.0

P Ø6.0

W



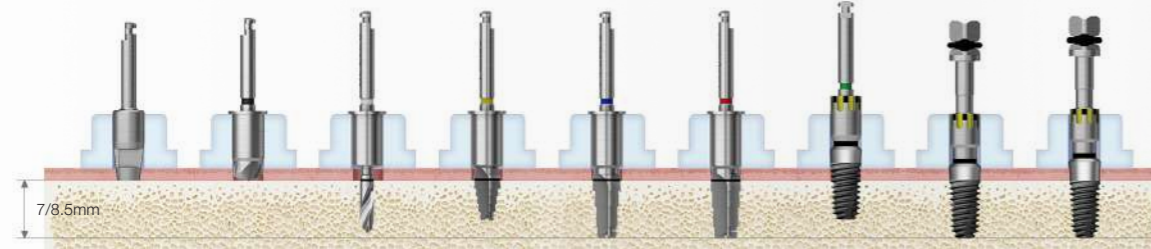
Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)	
									G/H 1.8	G/H 2.8
Ø5.0x 6/7/8.5mm	Normal	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6	F5.0x6/7/8.5		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6		F5.0x6/7/8.5			

G/H 1.8&2.8

D Ø4.5

P Ø4.8

R



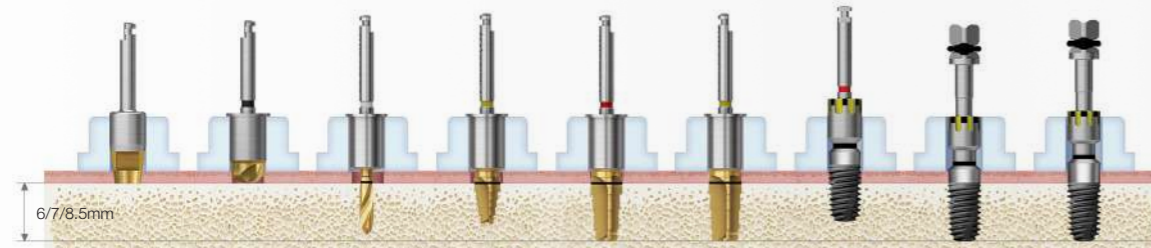
Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Hard Drill	NoMount Driver	Implant Driver	
									G/H 1.8	G/H 2.8
Ø4.5x 7/8.5mm	Normal	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6	F4.5x7/8.5		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x7/8.5	Ø3.5x6		F4.5x7/8.5			

G/H 1.8&2.8

D Ø5.0

P Ø4.8

R



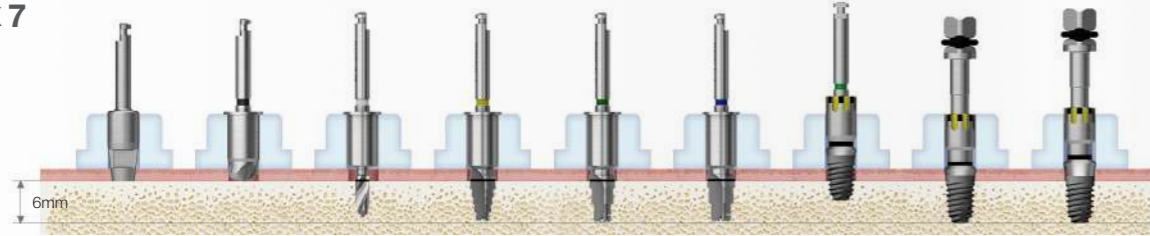
Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)	
									G/H 1.8	G/H 2.8
Ø5.0x 6/7/8.5mm	Normal	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6	F5.0x6/7/8.5		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x6/7/8.5	Ø3.5x6		F5.0x6/7/8.5			

Drilling Sequence **One485 Drill**

TSIII | SSIII

Extra Short
G/H 0.8&1.8
D Ø4.0 X 7
P Ø4.8

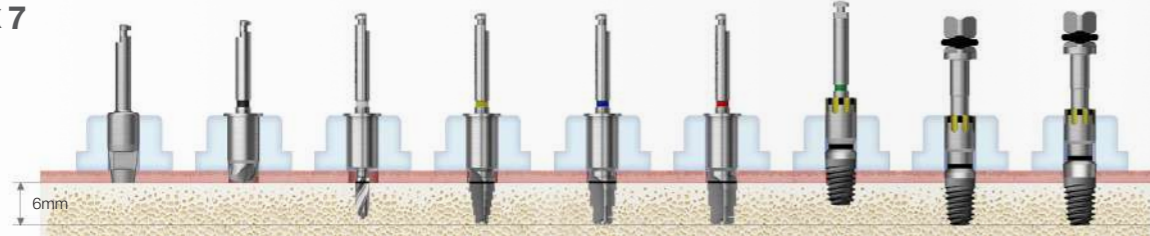
R



Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Drill	NoMount Driver	Implant Driver	
									G/H 0.8	G/H 1.8
Ø4.0x7mm (Extra Short)	Normal	▶	(▶)	Ø2.2x6	Ø3.5x6	F4.0x6		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x6	Ø3.5x6		F4.5x6			

Extra Short
G/H 0.8&1.8
D Ø4.5 X 7
P Ø4.8

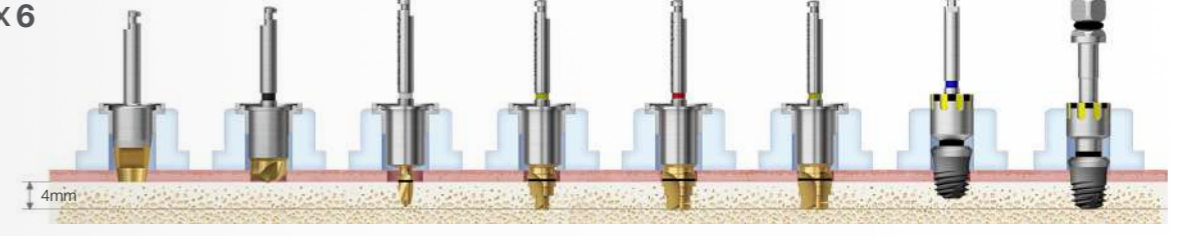
R



Implant	Bone Quality	Tissue Punch	Flattening Drill	Twist Drill	Pilot Drill	One485 Drill	One485 Hard Drill	NoMount Driver	Implant Driver	
									G/H 0.8	G/H 1.8
Ø4.5x7mm (Extra Short)	Normal	▶	(▶)	Ø2.2x6	Ø3.5x6	F4.5x6		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x6	Ø3.5x6		F4.5x6			

Extra Short
G/H 0.8
D Ø5.0 X 6
P Ø6.0

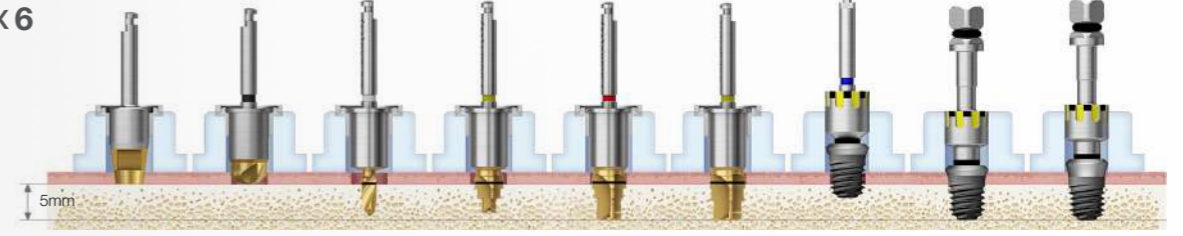
W



Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)	
									G/H 0.8	G/H 1.8
Ø5.0x6mm (Extra Short)	Normal	▶	(▶)	Ø2.2x4	Ø3.5x4	F5.0x4		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x4	Ø3.5x4		F5.0x4			

Extra Short
G/H 0.8&1.8
D Ø5.0 X 6
P Ø6.0

W

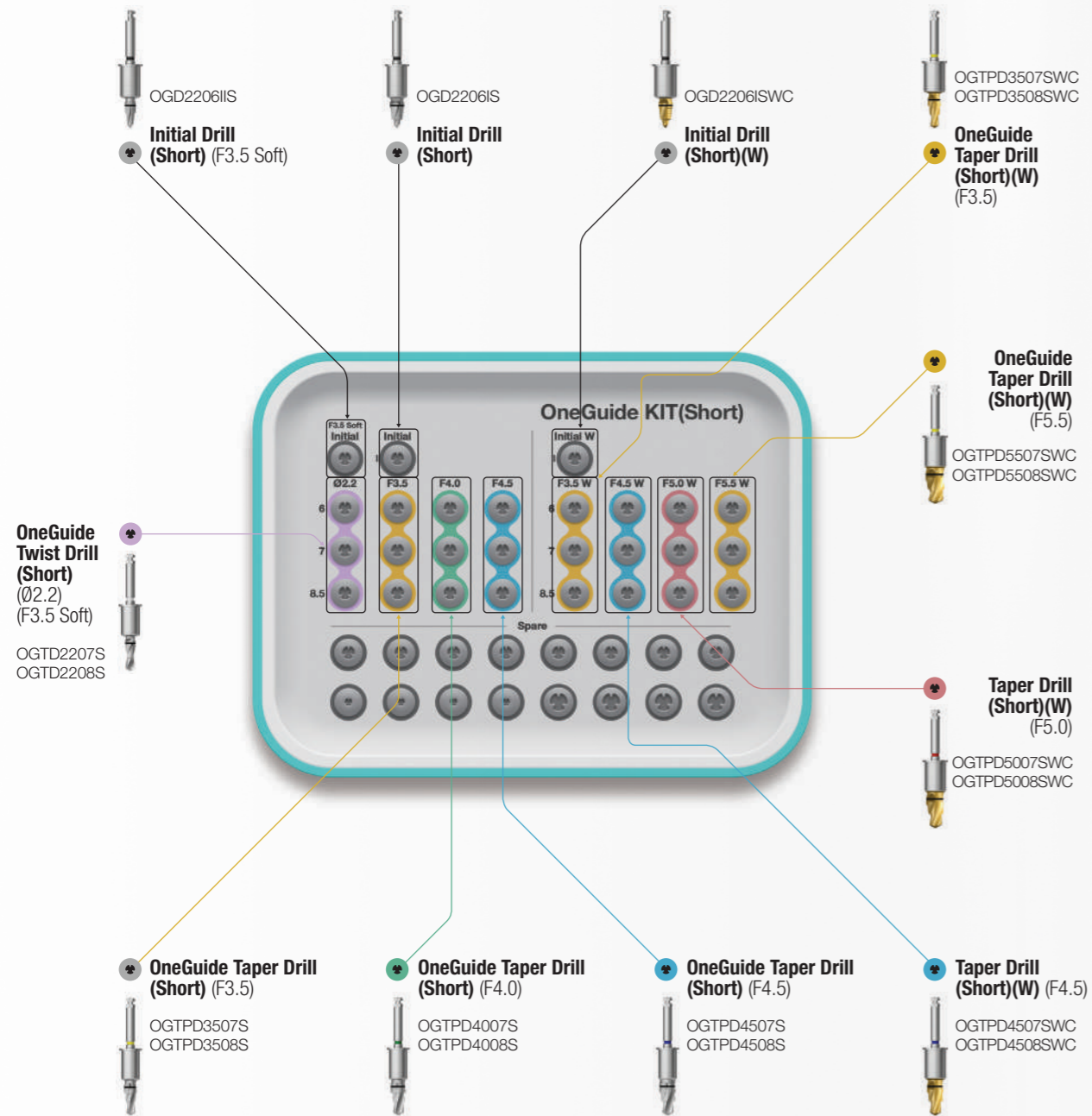


Implant	Bone Quality	Tissue Punch (W)	Flattening Drill (W)	Twist Drill (W)	Pilot Drill (W)	One485 Drill (W)	One485 Hard Drill (W)	NoMount Driver (W)	Implant Driver (W)	
									G/H 0.8	G/H 1.8
Ø5.0x6mm (Extra Short)	Normal	▶	(▶)	Ø2.2x5	Ø3.5x4	F5.0x5		Implant Placement (Up to 80%)	Implant Placement	
	Hard	▶	(▶)	Ø2.2x5	Ø3.5x4		F5.0x5			

OneGuide KIT (Short) (OOGKS) NEW 2025

Applicable Products TSIII / IV SSIII

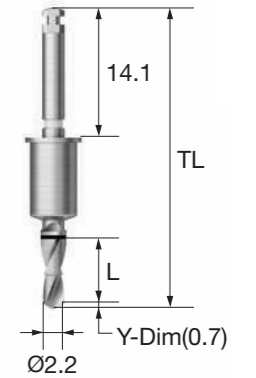
- OneGuide KIT composed of OneGuide drills with a short handle
- Used for OneGuide surgery for patients with smaller intermaxillary distance (posterior region, in particular)
- Handle size of initial drill and 6/7/8.5mm OneGuide drill : 14.1mm



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

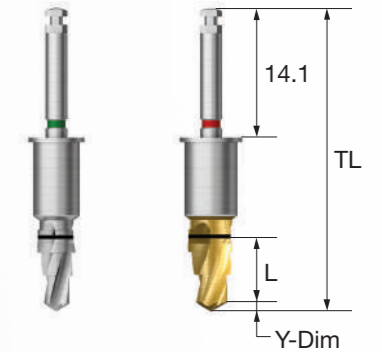


Regular Hole (Ø5.1)

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
- 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)

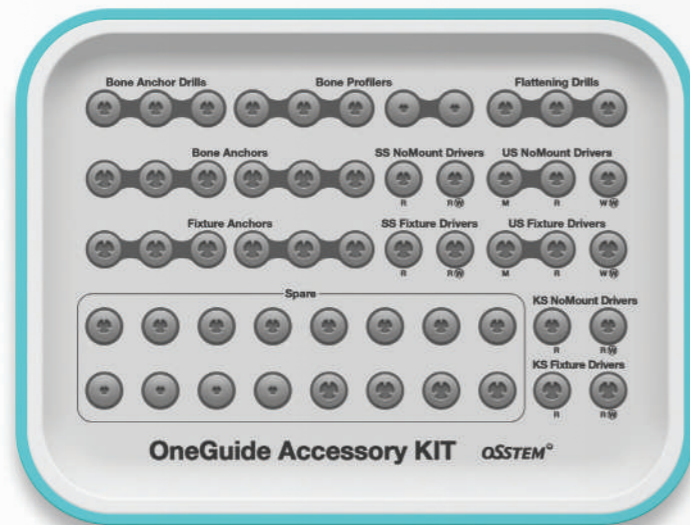
L	F3.5	TL	F4.0	TL	F4.5	TL	-
Y-Dim	0.7		0.9		1.0		-
6	OGTPD3506S	31.8	OGTPD4006S	32.0	OGTPD4506S	32.1	-
7	OGTPD3507S	32.8	OGTPD4007S	33.0	OGTPD4507S	33.1	-
8.5	OGTPD3508S	34.3	OGTPD4008S	34.5	OGTPD4508S	34.6	-

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

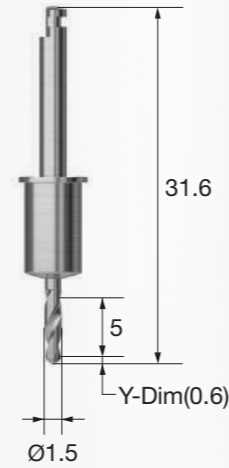


OSSTEM[®]
IMPLANT

OneGuide Twist Drill NEW 2025

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

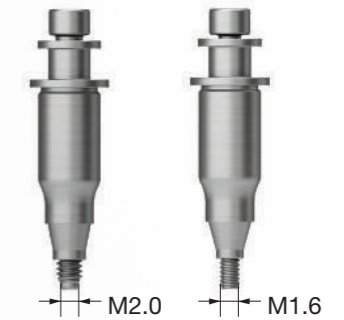
	Regular Hole (ø5.1)	Wide Hole (ø5.8)
Ø1.5	OGTD1506	OGTD1506W



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

	Regular Hole (ø5.1)	Wide Hole (ø5.8)
TSIII(M2.0)	OGFAR	OGFAW



OneGuide Bone Anchor NEW 2025

- 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

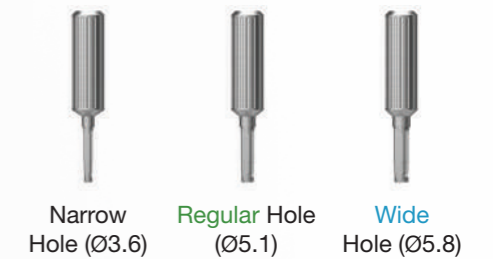
	Regular Hole (ø5.1)	Wide Hole (ø5.8)
Ø2.0	OGBAR	OGBAW



OneGuide Reamer Drill

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

	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

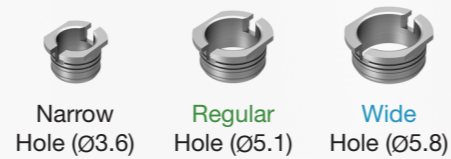
- Used for press-in of metal sleeve to the OneGuide template hole
- 3 types each for each hole diameter of OneGuide
- Sold as an individual item



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

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
- 1 set = 10ea



	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

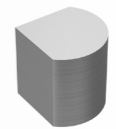
- Used for drilling path checking prior to OneGuide surgery, by connecting to the guide hole and taking CT images (e.g. edentulous cases)
- 1 type for each hole diameter
- Sold as an individual item
- 1 set = 5ea



Narrow Hole (Ø3.6)	Regular Hole (Ø5.1)	Wide Hole (Ø5.8)
CTCHK35S	CTCHK50S	CTCHK57S

Resin Marker NEW 2025

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



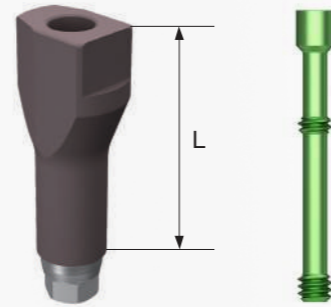
Regular Hole (Ø5.1)	Wide Hole (Ø5.8)
OGMDR	OGMDW

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)

- M** Mini
- R** Regular



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

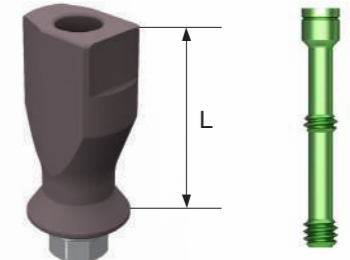
D Type	DESBSTH	Purple anodizing screw
Di Type		
Dt Type	CUSBSTH	
M Type		

SS Scan Body NEW 2025

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

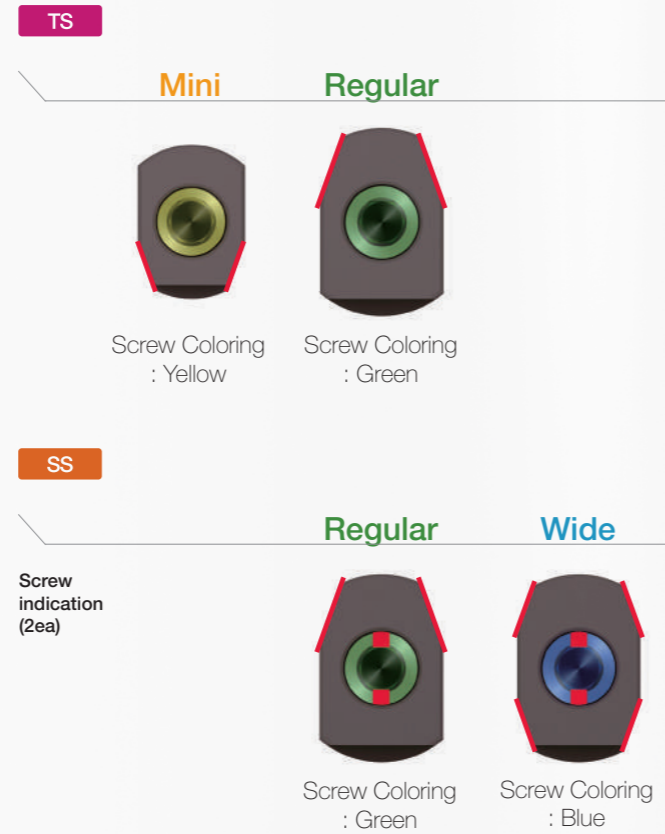
Scan body + screw order code
: product code + TH (ex : SSNSBRLTH)

- R** Regular
- W** Wide



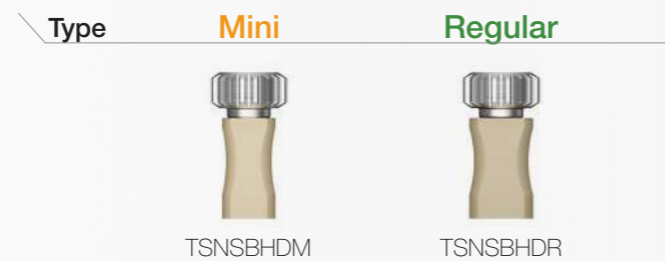
Scan Body Classification Guide

- 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



OSSTEM[®]
IMPLANT

Digital Prosthetics Scan Healing Abutment

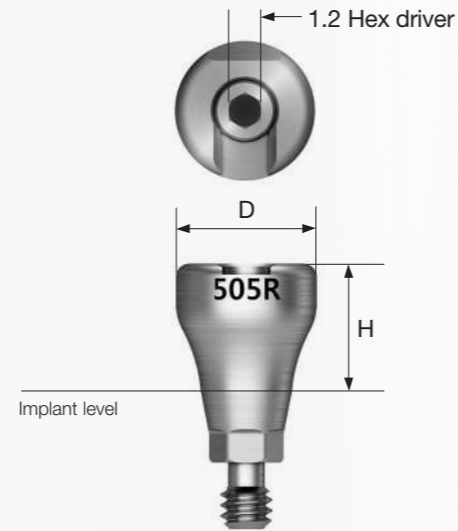
TS Scan Healing Abutment

- 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)

M Mini

R Regular



D \ H	4.0	5.0	7.0	9.0 <small>NEW 2025</small>
	TSSHA404M			
Ø4.0		TSSHA405M	TSSHA407M	TSSHA409M

D \ H	4.0	5.0	7.0	9.0 <small>NEW 2025</small>
	TSSHA454R			
Ø4.5		TSSHA455R	TSSHA457R	TSSHA459R
Ø5.0	TSSHA504R	TSSHA505R	TSSHA507R	TSSHA509R
Ø6.0	TSSHA604R	TSSHA605R	TSSHA607R	TSSHA609R

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

M Mini

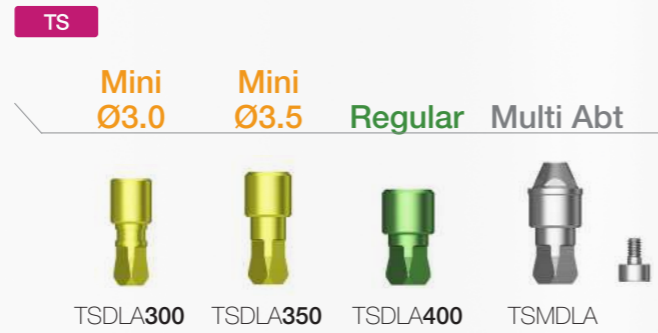
R Regular



Type \ Scan Healing(D)	Ø4.0	Ø4.5	Ø5.0	Ø6.0
Short				
Long	TSSHAC400L	TSSHAC450L	TSSHAC500L	TSSHAC600L

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

DLARDM300	Type
TS	Ø3.0



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



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)



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)



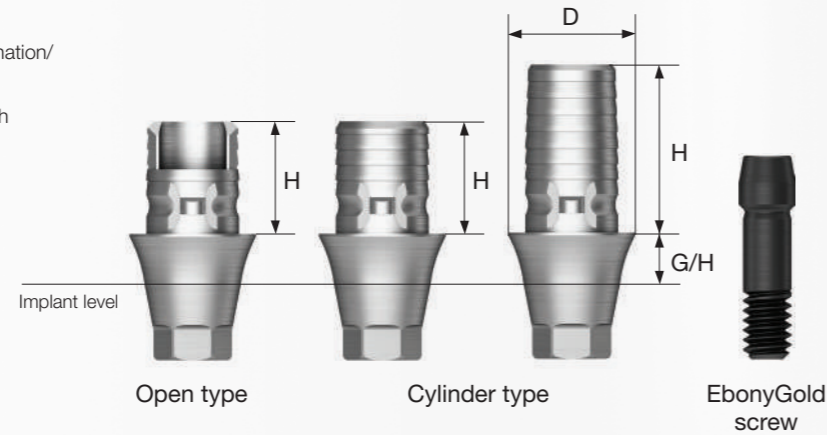
Equipment	Implant	D	Type	Code	
				Hex	Non-Hex
ARUM Imes-icore Dental plus	Osstem TS	Ø10	Mini	TSPM10ARMWH	TSPM10ARMNWH
			Regular	TSPM10ARRWH	TSPM10ARRNWH
		Ø14	Mini	TSPM14ARMWH	TSPM14ARMNWH
			Regular	TSPM14ARRWH	TSPM14ARRNWH
Neo Cameleon	Osstem TS	Ø10	Mini	TSPM10CAMWH	TSPM10CAMNWH
			Regular	TSPM10CARWH	TSPM10CARNWH
		Ø14	Mini	TSPM14CAMWH	TSPM14CAMNWH
			Regular	TSPM14CARWH	TSPM14CARNWH
Ceramill	Osstem TS	Ø12	Mini	TSPM12CEMWH	TSPM12CEMNWH
			Regular	TSPM12CERWH	TSPM12CERNWH
Zirkonzahn	NEW 2025 Osstem TS	Ø10	Mini	TSPM10ZKMWH	TSPM10ZKMNWH
			Regular	TSPM10ZKRWH	TSPM10ZKRNWH
		Ø14	Mini	TSPM14ZKMWH	TSPM14ZKMNWH
			Regular	TSPM14ZKRWH	TSPM14ZKRNWH
Manix	NEW 2025 Osstem TS	Ø10	Mini	TSPM10MXMWH	TSPM10MXMNWH
			Regular	TSPM10MXRWH	TSPM10MXRNWH
		Ø14	Mini	TSPM14MXMWH	TSPM14MXMNWH
			Regular	TSPM14MXRWH	TSPM14MXRNWH

Equipment	Implant	D	Type	Code	
				Octa	Non-Octe
ARUM Imes-icore Dental plus	Osstem SS	Ø10	Regular	SSPM10AGRTH	SSPM10AGRNTH
			Wide	SSPM10AGWTH	SSPM10AGWNTH
		NEW 2025 Ø14	Regular	SSPM14ANRTH	SSPM14ANRNTH
Manix	Osstem SS	NEW 2025 Ø10	Regular	SSPM10MXRTH	
			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
- 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 : TSPL4541R**WH**)

D Ø4.0



EbonyGold screw
: GSABSM

H \ G/H Type	Type				
	1.0	2.0	3.0	4.0	
Hex	4.0 Open Type	TSPL4041M	TSPL4042M	TSPL4043M	TSPL4044M
	4.0 Cylinder Type	TSPL4041C	TSPL4042C	TSPL4043C	TSPL4044C
	6.0 Cylinder Type	TSPL4061M	TSPL4062M	TSPL4063M	TSPL4064M
Non-Hex	4.0 Open Type	TSPL4041MN	TSPL4042MN	TSPL4043MN	TSPL4044MN
	4.0 Cylinder Type	TSPL4041CN	TSPL4042CN	TSPL4043CN	TSPL4044CN
	6.0 Cylinder Type	TSPL4061MN	TSPL4062MN	TSPL4063MN	TSPL4064MN

D Ø4.5

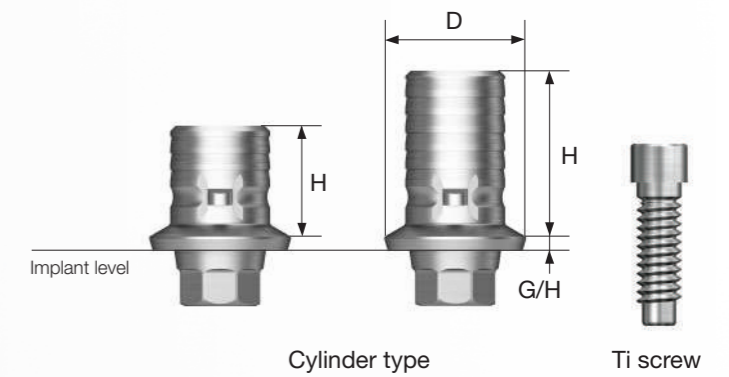


EbonyGold screw
: GSABSS

H \ G/H Type	Type				
	1.0	2.0	3.0	4.0	
Hex	4.0 Open Type	TSPL4541R	TSPL4542R	TSPL4543R	TSPL4544R
	4.0 Cylinder Type	TSPL4541C	TSPL4542C	TSPL4543C	TSPL4544C
	6.0 Cylinder Type	TSPL4561R	TSPL4562R	TSPL4563R	TSPL4564R
Non-Hex	4.0 Open Type	TSPL4541RN	TSPL4542RN	TSPL4543RN	TSPL4544RN
	4.0 Cylinder Type	TSPL4541CN	TSPL4542CN	TSPL4543CN	TSPL4544CN
	6.0 Cylinder Type	TSPL4561RN	TSPL4562RN	TSPL4563RN	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 : SSPL4840C**TH**)

D Ø5.1



Ti screw
: ASR200

H \ G/H Type	0.5
4.0 Cylinder Type	SSPL4840C
6.0 Cylinder Type	SSPL4860C

D Ø6.3



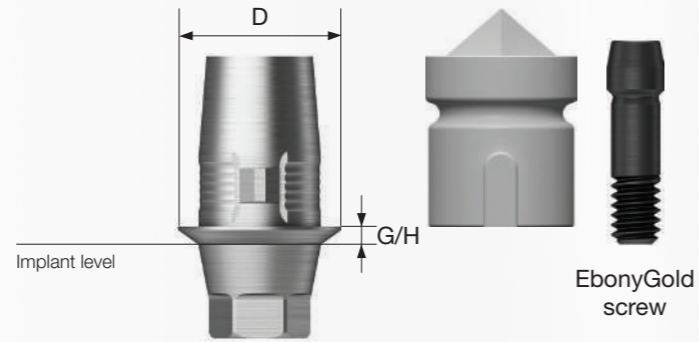
Ti screw
: ASR200

H \ G/H Type	0.5
4.0 Cylinder Type	SSPL6040C
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 : TSCTBR**WH**)

M Mini

R Regular

D Ø4.5	G/H Type	0.6		NEW 2025 3	
		Hex	Non-Hex	Hex	Non-Hex
M EbonyGold screw : GSABSM					
		TSCTBM	TSCTBMN	TSCTBM3	TSCTBMN3

D Ø4.5	G/H Type	0.6		NEW 2025 3	
		Hex	Non-Hex	Hex	Non-Hex
R EbonyGold screw : GSABSS					
		TSCTBR	TSCTBRN	TSCTBR3	TSCTBRN3

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 : TSCSPR**TH**)

M Mini

R Regular

G/H	0.6		NEW 2025 3	
	Hex	Non-Hex	Hex	Non-Hex
M Yellow anodizing screw : GSABSM				
	TSCSPM	TSCSPM3TH	TSCSPM3TH	TSCSPM3TH
R Green anodizing screw : GSABSSL				
	TSCSPR	TSCSPR3TH	TSCSPR3TH	TSCSPR3TH

Cerec Scan Body

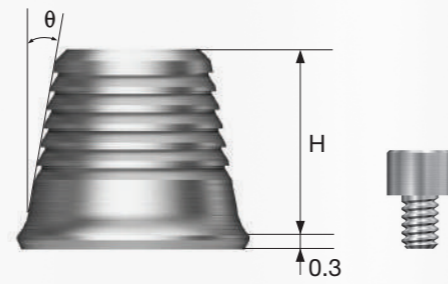
- Scanning by connecting Cerec Link Abutment or Scan Post
- Common use for KS/TS
- Packing unit : 10ea



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



Ti base + Ti base screw order Code
: product code + **TH** (ex : TSMTB505G**TH**)

M Mini
R Regular
TS Multi Ti-base screw
: TSMTBS

H	Degree(θ)	5°	10°
4		 TSMTB0405G	 TSMTB0410G
6		 TSMTB0605G	-

TS Multi Scan Body

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



TSMSBC

OSSTEM[®]
IMPLANT

OSSTEM[®]
IMPLANT



Dental Equipment

SURGICAL MOTOR

416 SM5
417 SM3

ISQ MONITOR

418 IS3

ELECTRIC DRIVER

419 e-Driver

INTRA ORAL SCANNER

420 i700
420 i700 Wireless
420 i900

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 : 15~2,000rpm
- Programs : 4~10steps
- Manufacturer: Kavo, Germany



EXPERTSurg

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 rpm
- Max torque: 80Ncm
- Program : 8 program * 8 system
- Manufacturer: NSK, Japan



SM3

SURGmatic S201L PRO

- Reduction ratio : 20:1
- RPM : 15~2,000rpm
- Max torque: 55Ncm
- Removable round bur
- Small head, capable of both internal and external irrigation
- Manufacturer: Kavo, Germany



S201L

S200EL

- Reduction ratio : 20:1
- Max. speed: 2,000 rpm
- Manufacturer: NSK, Japan



S200EL

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



S11L

ISQ Monitor

IS3™

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



55002-HM

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 "AI Scan"
- Remote control Mode
- Equipped with UV-C LED disinfection function
- Patient Consulting Application
 - Smile Design
 - Ortho simulation
 - Dynamain 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 "AI 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)



MO1-i900

OSSTEM[®]
IMPLANT



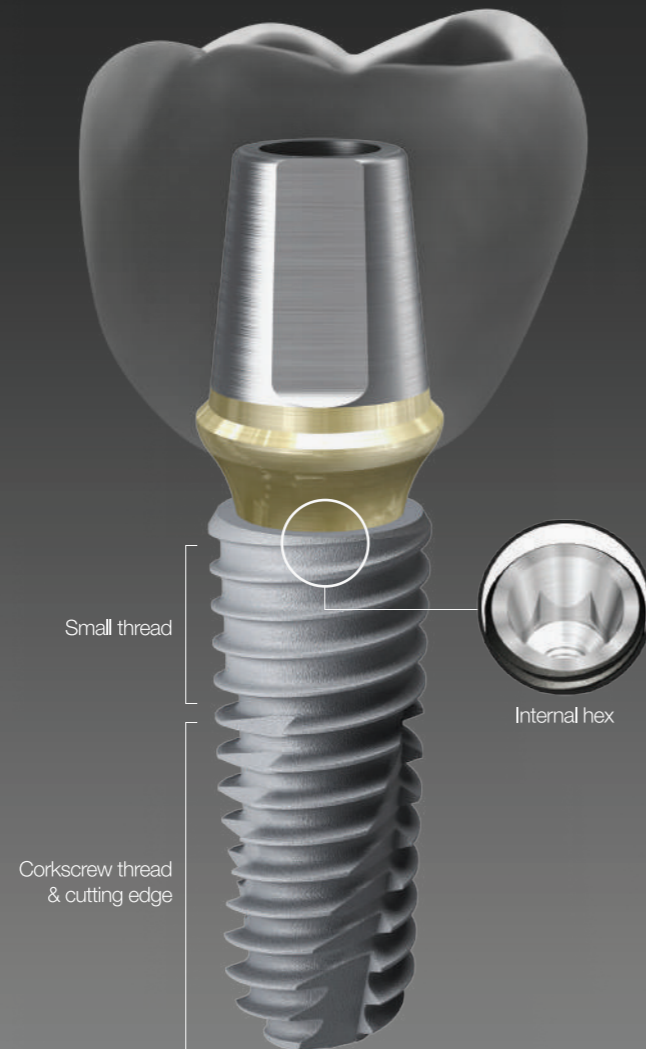
HIOSSEN ET SYSTEM

OSSTEM[®]
IMPLANT

IMPLANT

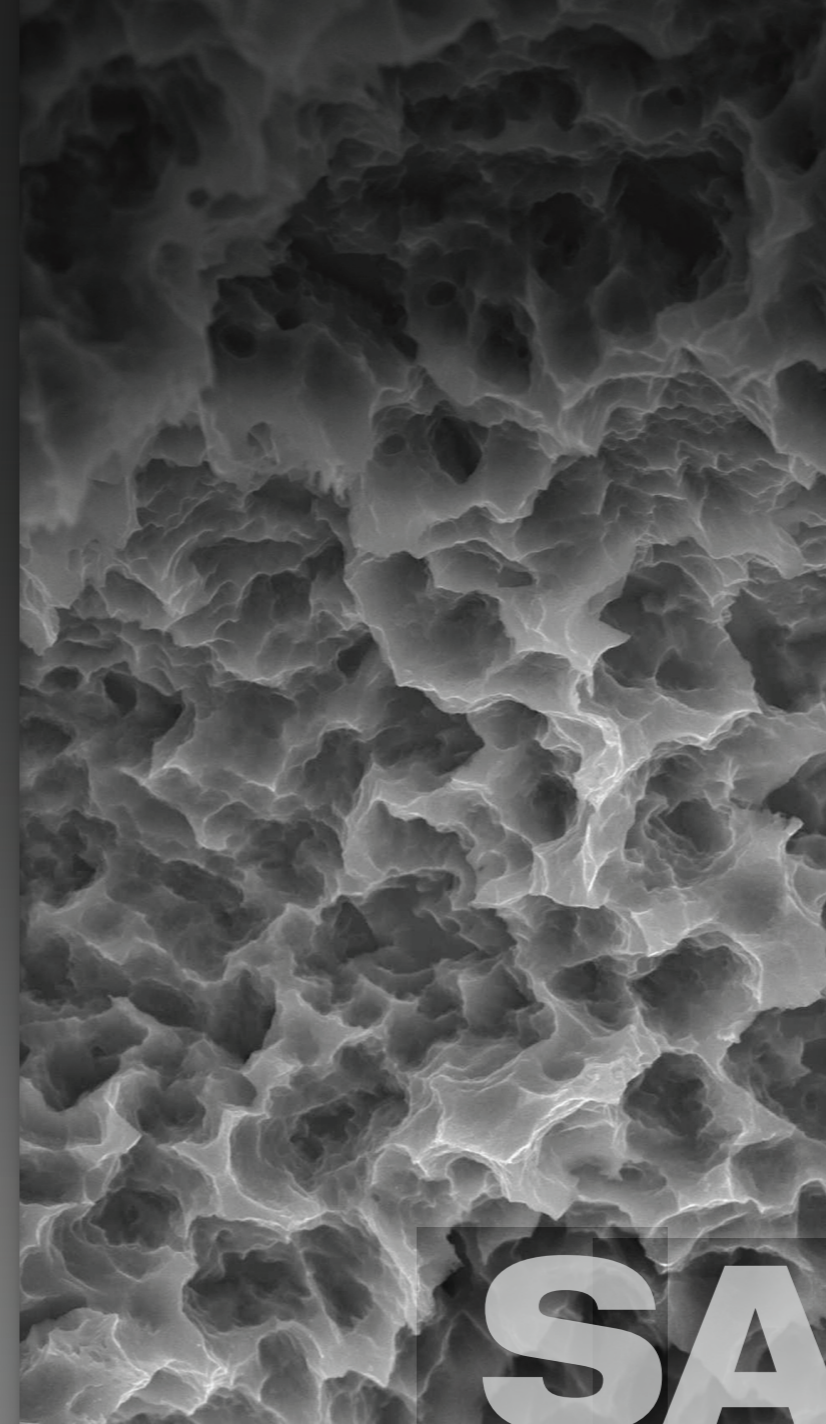
- 426** ETIII SA Implant
- 428** ETIII NH Implant

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

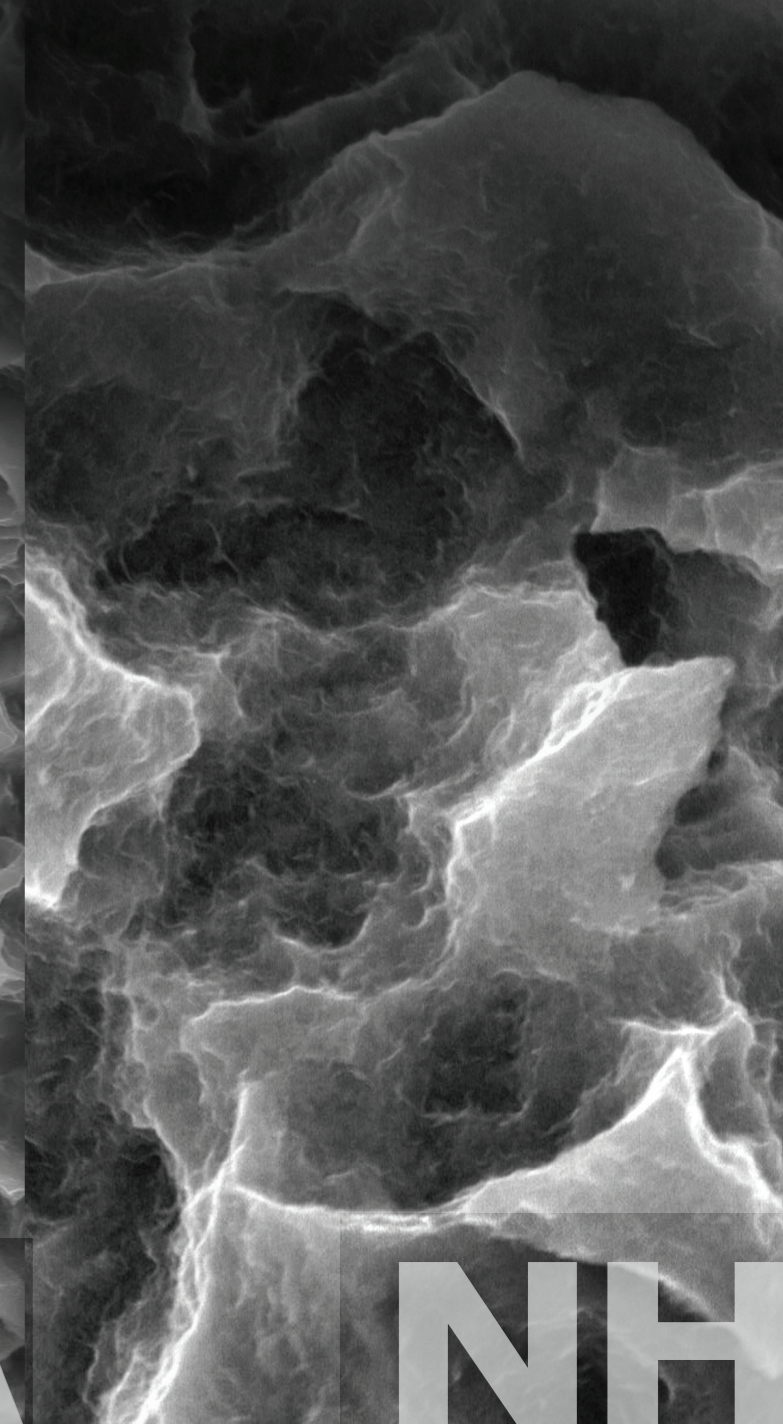


Optimized surface morphology through acid-etching treatment

- Surface roughness: Ra 2.0-3.0 μm
(Note: the roughness in the upper 0.5mm part is Ra 0.5-0.6 μm)
- Uniform surface micro-pits of 1-3 μm
- 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

- 10nm or less ultra-thin hydroxyapatite (HA) coating
- SA surface (Ra 2.0-3.0 μm) 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
- 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

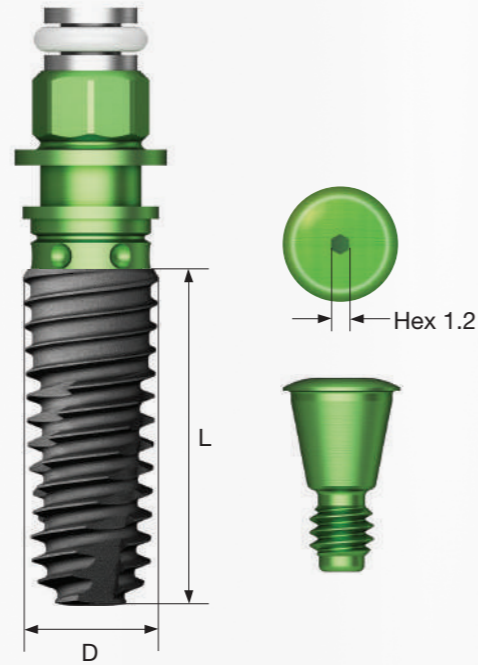
- Optimized for posterior extraction and immediate placement, and replacement of failed implant case
- Efficient apex design that strengthens initial stability with immediate placement after extraction

NoMount implant order code

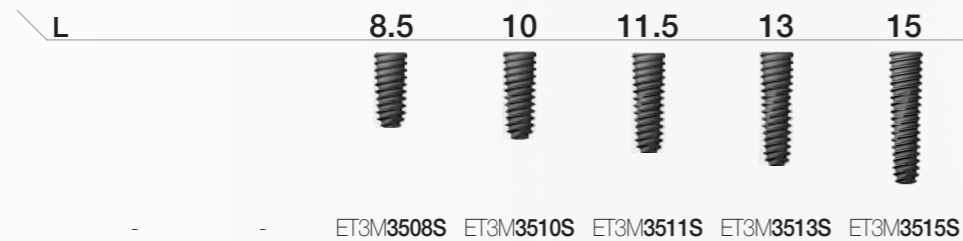
: implant product code (ex : **C**ET3R4010S)

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

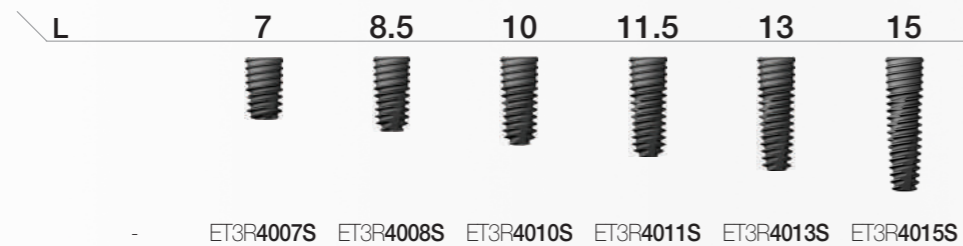
: **A** + implant product code (ex : **A**ET3R4010S)



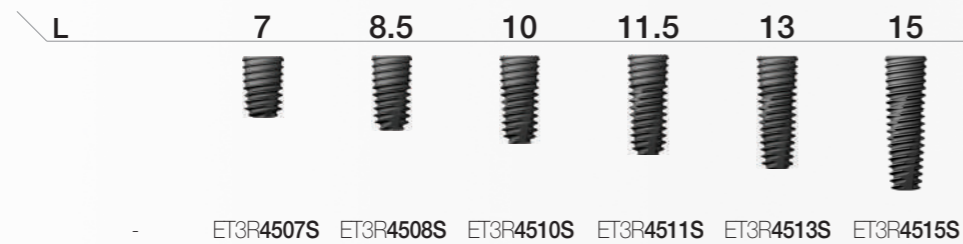
D Ø3.5 Hex 2.1



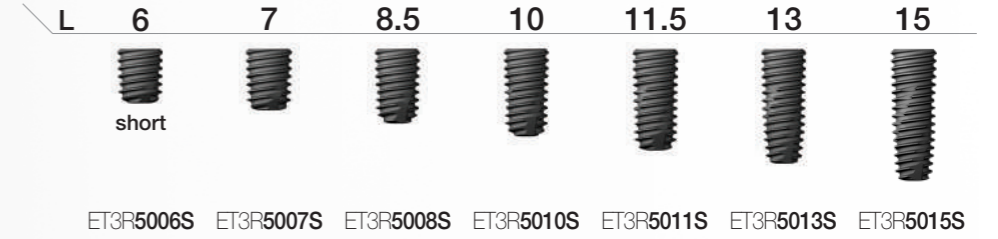
D Ø4.0 Hex 2.5



D Ø4.5 Hex 2.5

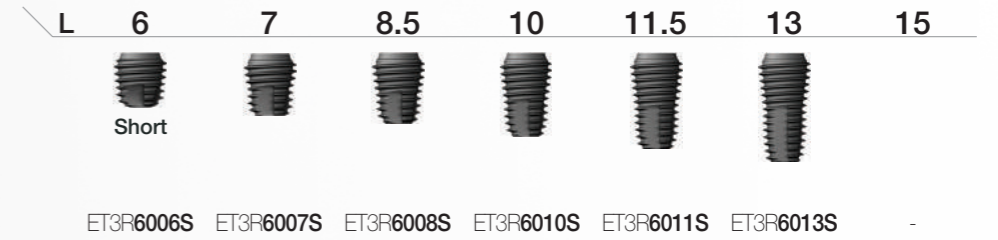


D Ø5.0 Hex 2.5

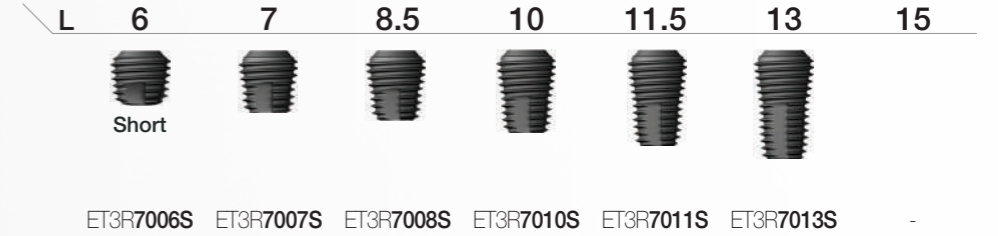


Ultra-Wide

D Ø6.0 Hex 2.5



D Ø7.0 Hex 2.5



*For Ø3.2 implant, connection is 0.5mm shorter

*Specifications are subject to change without any notice

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

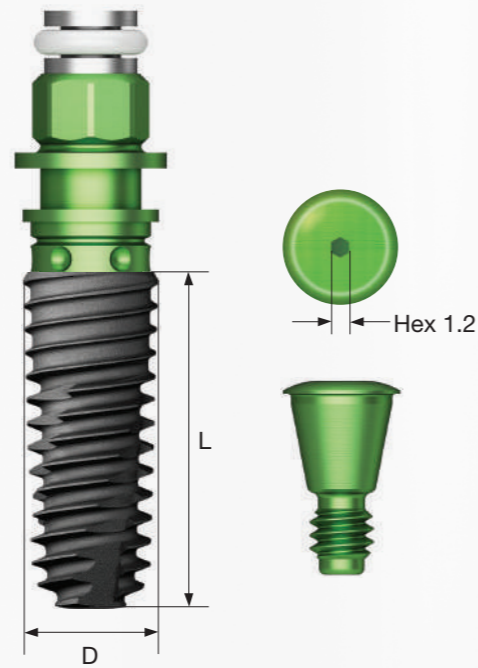
- Optimized for posterior extraction and immediate placement, and replacement of failed implant case
- Efficient apex design that strengthens initial stability with immediate placement after extraction

NoMount implant order code

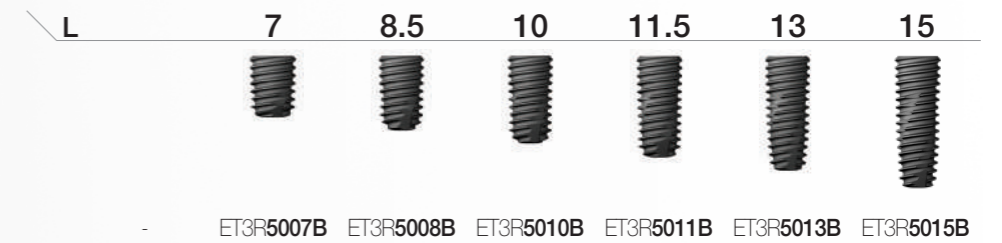
: implant product code (ex : **C**ET3R4010B)

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

: **A** + implant product code (ex : **A**ET3R4010B)

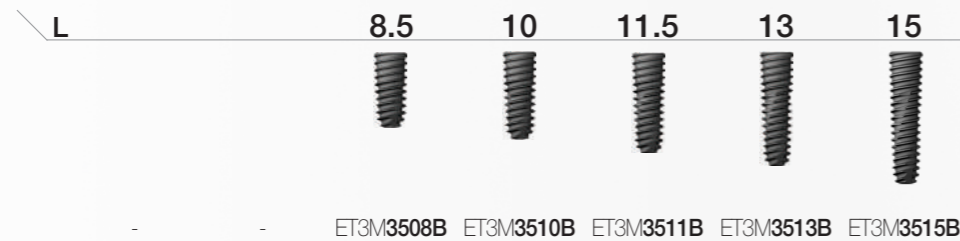


D Ø5.0
Hex 2.5



ET3R5007B ET3R5008B ET3R5010B ET3R5011B ET3R5013B ET3R5015B

D Ø3.5
Hex 2.1



ET3M3508B ET3M3510B ET3M3511B ET3M3513B ET3M3515B

D Ø4.0
Hex 2.5



ET3R4007B ET3R4008B ET3R4010B ET3R4011B ET3R4013B ET3R4015B

D Ø4.5
Hex 2.5



ET3R4507B ET3R4508B ET3R4510B ET3R4511B ET3R4513B ET3R4515B

*For Ø3.2 implant, connection is 0.5mm shorter

*Specifications are subject to change without any notice

OSSTEM[®]
IMPLANT

OSSTEM[®]
IMPLANT

