2022 - 23
IMPLANT SYSTEM

OSSTEM IMPLANT

TS SYSTEM

BTSIII SA Implant

2010.03

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

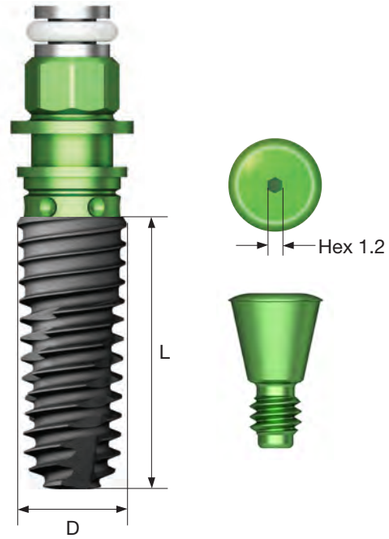
Narrow

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

Ultra-wide

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

※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case



NoMount implant order code
: implant product code (ex : TS3S4010S)

Pre-Mounted implant (implant + mount + cover screw) order code
: **B** + implant product code (ex : **B**TS3S4010S)

D ø3.0
Hex 2.1
Narrow

M

L	8.5	10	11.5	13
				
	BTS3M**3008S**	BTS3M**3010S**	BTS3M**3011S**	BTS3M**3013S**

D ø3.5
Hex 2.1

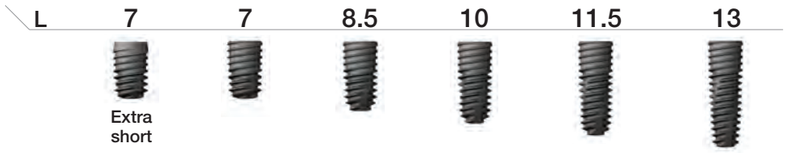
M

L	8.5	10	11.5	13
				
	BTS3M**3508S**	BTS3M**3510S**	BTS3M**3511S**	BTS3M**3513S**

Nominal diameter may differ from the actual diameter of the product

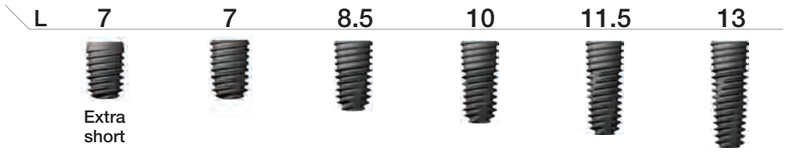
Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

D ø4.0
Hex 2.5
R



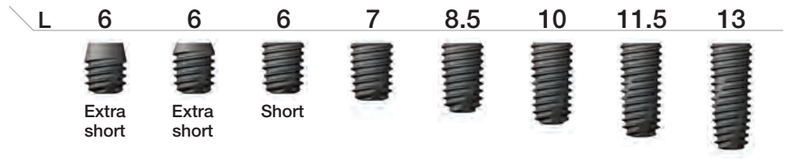
BTS3S**4006S** BTS3S**4007S** BTS3S**4008S** BTS3S**4010S** BTS3S**4011S** BTS3S**4013S**

D ø4.5
Hex 2.5
R



BTS3S**4506S** BTS3S**4507S** BTS3S**4508S** BTS3S**4510S** BTS3S**4511S** BTS3S**4513S**

D ø5.0
Hex 2.5
R



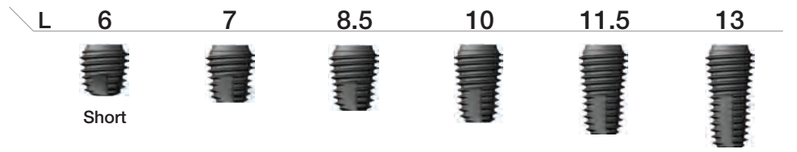
BTS3S**5004S** BTS3S**5005S** BTS3S**5006S** BTS3S**5007S** BTS3S**5008S** BTS3S**5010S** BTS3S**5011S** BTS3S**5013S**

2015.11
D ø5.5
Hex 2.5
R

BTS3S**5506S** BTS3S**5507S** BTS3S**5508S** BTS3S**5510S** BTS3S**5511S** BTS3S**5513S**

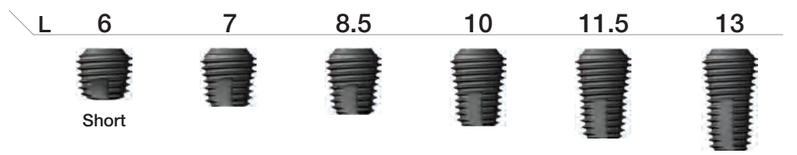
Ultra-Wide

D ø6.0
Hex 2.5
R



BTS3S**6006S** BTS3S**6007S** BTS3S**6008S** BTS3S**6010S** BTS3S**6011S** BTS3S**6013S**

D ø7.0
Hex 2.5
R



BTS3S**7006S** BTS3S**7007S** BTS3S**7008S** BTS3S**7010S** BTS3S**7011S** BTS3S**7013S**

BTSIII CA Implant

2012.06

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

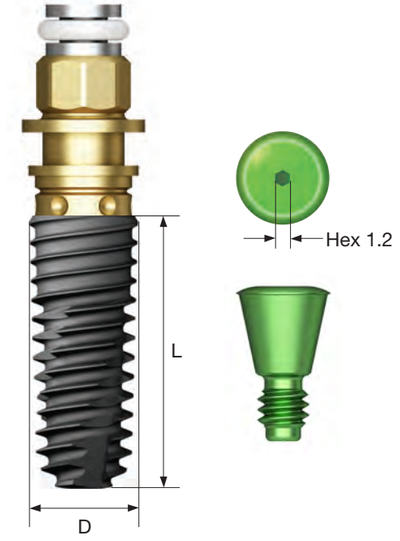
Narrow

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

Ultra-wide

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

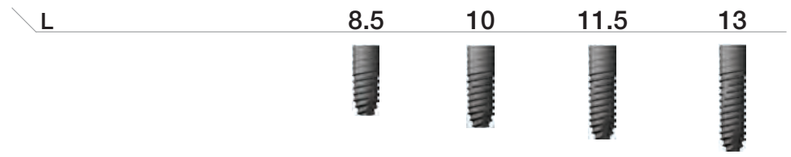
※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case



NoMount implant order code
: implant product code (ex : TS3S4010C)

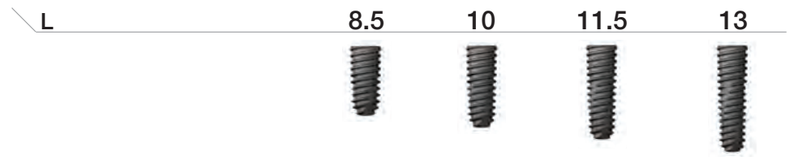
Pre-Mounted implant (implant + mount + cover screw) order code
: **B** + implant product code (ex : **B**TS3S4010C)

2015.05
D ø3.0
Hex 2.1
Narrow
M



BTS3M**3008C** BTS3M**3010C** BTS3M**3011C** BTS3M**3013C**

D ø3.5
Hex 2.1
M

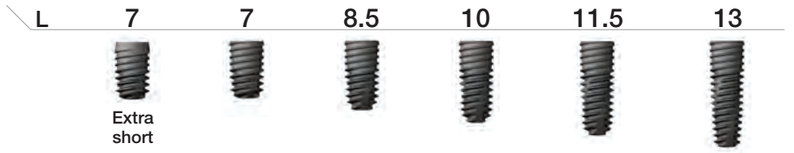


BTS3M**3508C** BTS3M**3510C** BTS3M**3511C** BTS3M**3513C**

Nominal diameter may differ from the actual diameter of the product

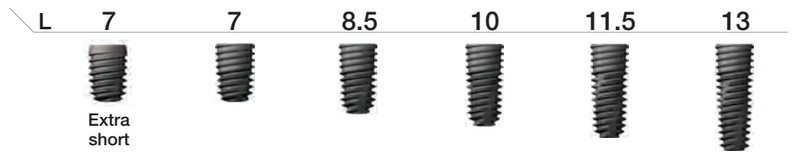
Note Short implant should be used after a sufficient healing period. It is used by splinting with other implants for prosthesis

D ø4.0
Hex 2.5
R



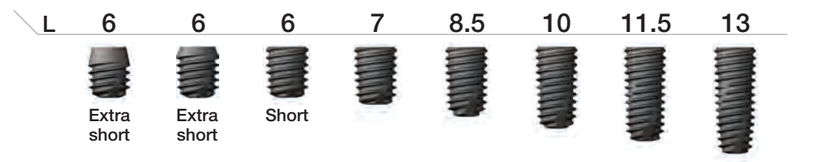
BTS3S**4006C** BTS3S**4007C** BTS3S**4008C** BTS3S**4010C** BTS3S**4011C** BTS3S**4013C**

D ø4.5
Hex 2.5
R



BTS3S**4506C** BTS3S**4507C** BTS3S**4508C** BTS3S**4510C** BTS3S**4511C** BTS3S**4513C**

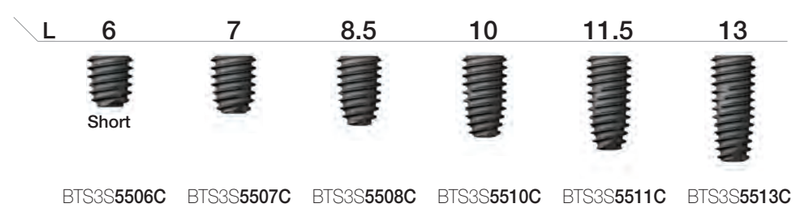
D ø5.0
Hex 2.5
R



BTS3S**5004C** BTS3S**5005C** BTS3S**5006C** BTS3S**5007C** BTS3S**5008C** BTS3S**5010C** BTS3S**5011C** BTS3S**5013C**

2016.02

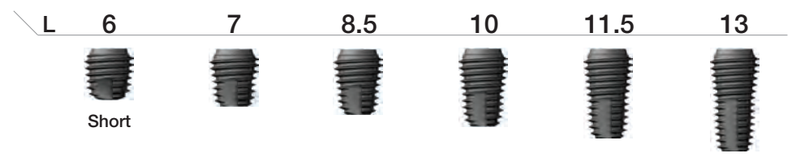
D ø5.5
Hex 2.5
R



BTS3S**5506C** BTS3S**5507C** BTS3S**5508C** BTS3S**5510C** BTS3S**5511C** BTS3S**5513C**

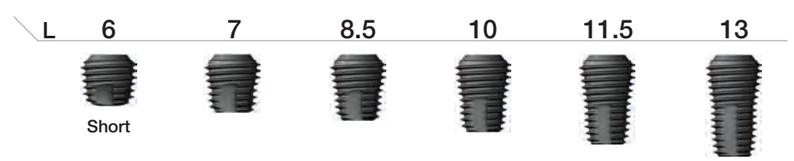
Ultra-Wide

D ø6.0
Hex 2.5
R



BTS3S**6006C** BTS3S**6007C** BTS3S**6008C** BTS3S**6010C** BTS3S**6011C** BTS3S**6013C**

D ø7.0
Hex 2.5
R



BTS3S**7006C** BTS3S**7007C** BTS3S**7008C** BTS3S**7010C** BTS3S**7011C** BTS3S**7013C**

BTSIV SA Implant

2010.03

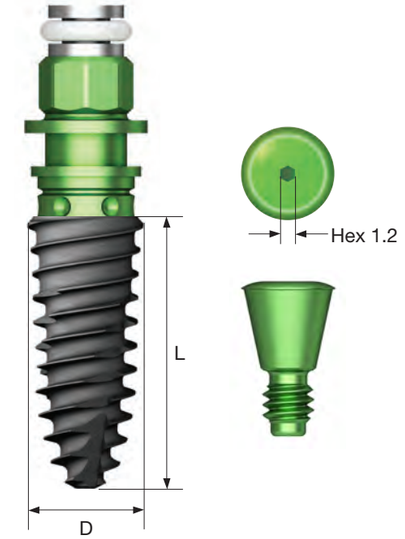
- Submerged type implant with an internal hex 11° tapered connection structure
- Optimal thread design for realization of optimal SA surface
- Implant for maxillary sinus and soft bone
- Effect of improved initial stability in soft bone by using smaller threads in the upper section
- Superior self-threading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

Ultra-wide

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

※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

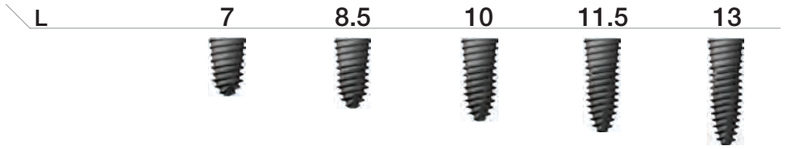
※ For TSIV implant, considering the fast placement speed because of the large thread pitch, reducing the drilling speed to 15rpm or lower is recommended for placement.



NoMount implant order code
: implant product code (ex : TS4S4010S)

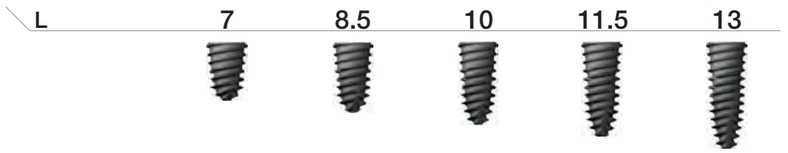
Pre-Mounted implant (implant + mount + cover screw) order code
: **B** + implant product code (ex : **B**TS4S4010S)

D ø4.0 Pitch 0.8
Hex 2.5
R



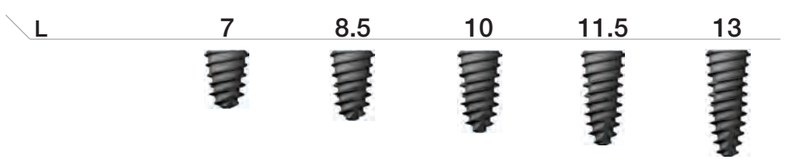
BTS4S**4007S** BTS4S**4008S** BTS4S**4010S** BTS4S**4011S** BTS4S**4013S**

D ø4.5 Pitch 1.0
Hex 2.5
R



BTS4S**4507S** BTS4S**4508S** BTS4S**4510S** BTS4S**4511S** BTS4S**4513S**

D ø5.0 Pitch 1.2
Hex 2.5
R

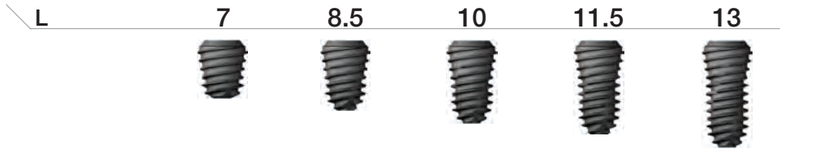


BTS4S**5007S** BTS4S**5008S** BTS4S**5010S** BTS4S**5011S** BTS4S**5013S**

Ultra-wide

D ø6.0
Hex 2.5

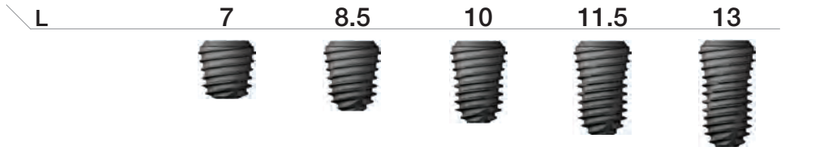
R



BTS4S**6007S** BTS4S**6008S** BTS4S**6010S** BTS4S**6011S** BTS4S**6013S**

D ø7.0
Hex 2.5

R



BTS4S**7007S** BTS4S**7008S** BTS4S**7010S** BTS4S**7011S** BTS4S**7013S**

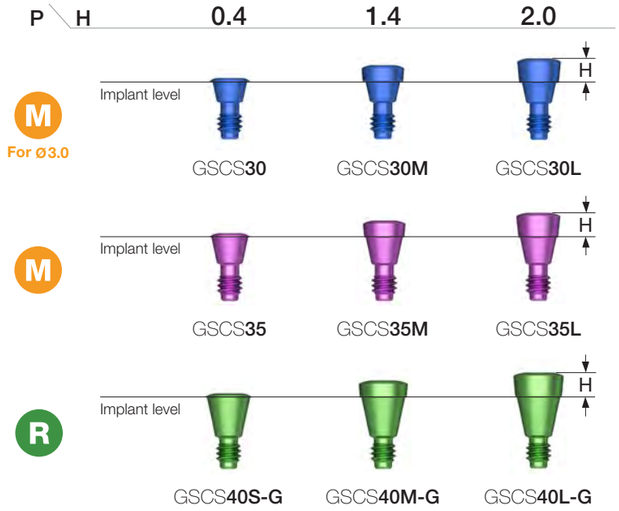
Nominal diameter may differ from the actual diameter of the product

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



GBR Cover Screw

- 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

M Mini

R Regular

Healing Abutment 2015.06

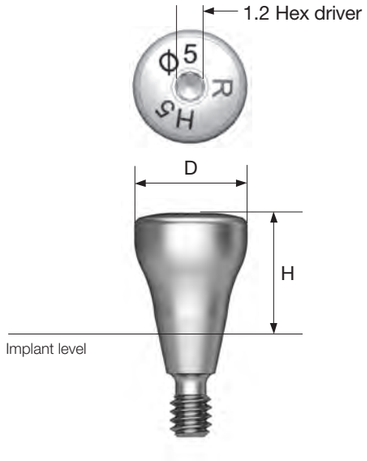
- Mini (yellow) type used for implants of Ø3.5 or smaller
- Hand tightened with a 1.2 hex driver

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	TSHA**403M**	TSHA**404M**	TSHA**405M**	TSHA**406M**	TSHA**407M**	TSHA**409M**
ø4.5	TSHA**453M**	TSHA**454M**	TSHA**455M**	TSHA**456M**	TSHA**457M**	TSHA**459M**

D \ H	3.0	4.0	5.0	6.0	7.0	9.0
ø4.0	TSHA**403R**	TSHA**404R**	TSHA**405R**	TSHA**406R**	TSHA**407R**	TSHA**409R**
ø4.5	TSHA**453R**	TSHA**454R**	TSHA**455R**	TSHA**456R**	TSHA**457R**	TSHA**459R**
ø5.0	TSHA**503R**	TSHA**504R**	TSHA**505R**	TSHA**506R**	TSHA**507R**	TSHA**509R**
ø6.0	TSHA**603R**	TSHA**604R**	TSHA**605R**	TSHA**606R**	TSHA**607R**	TSHA**609R**
ø7.0	TSHA**703R**	TSHA**704R**	TSHA**705R**	TSHA**706R**	TSHA**707R**	TSHA**709R**
ø8.0	-	-	TSHA**805R**	-	-	-

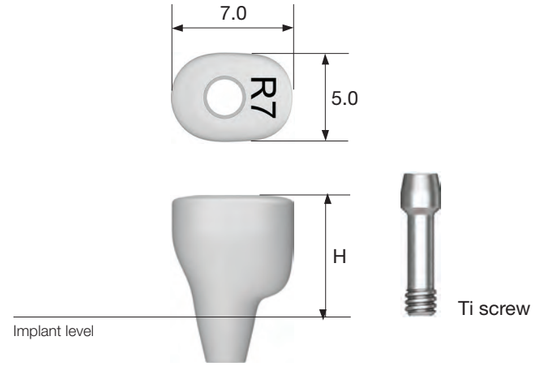
Custom Healing Abutment 2013.10

- 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

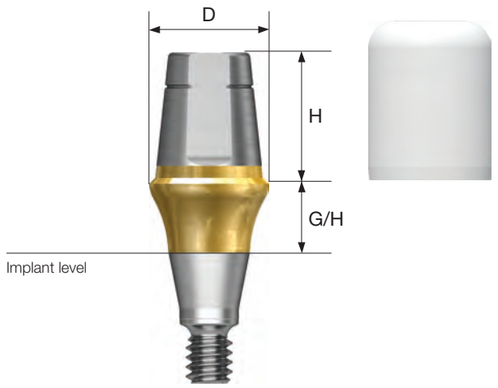


P \ H	5.0	7.0	9.0
M **Ti screw** : GSCHABSMT	TSCHAP**M5**	TSCHAP**M7**	TSCHAP**M9**
R **Ti screw** : GSCHABSST	TSCHAP**R5**	TSCHAP**R7**	TSCHAP**R9**

Rigid Abutment 2013.01

- 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	GSRA**4410**	GSRA**4420**	GSRA**4430**	GSRA**4440**	GSRA**4450**
5.5	GSRA**4610**	GSRA**4620**	GSRA**4630**	GSRA**4640**	GSRA**4650**
7.0	GSRA**4710**	GSRA**4720**	GSRA**4730**	GSRA**4740**	GSRA**4750**

D Ø4.5 M

H \ G/H	1.0	2.0	3.0	4.0	5.0
					
4.0	GSRA**4411**	GSRA**4421**	GSRA**4431**	GSRA**4441**	GSRA**4451**
5.5	GSRA**4611**	GSRA**4621**	GSRA**4631**	GSRA**4641**	GSRA**4651**
7.0	GSRA**4711**	GSRA**4721**	GSRA**4731**	GSRA**4741**	GSRA**4751**

Rigid Abutment 2013.01

D Ø4.0 R

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

D Ø4.5 R

H \ G/H	1.0	2.0	3.0	4.0	5.0
					
4.0	GSRAS**4411**	GSRAS**4421**	GSRAS**4431**	GSRAS**4441**	GSRAS**4451**
5.5	GSRAS**4611**	GSRAS**4621**	GSRAS**4631**	GSRAS**4641**	GSRAS**4651**
7.0	GSRAS**4711**	GSRAS**4721**	GSRAS**4731**	GSRAS**4741**	GSRAS**4751**

D Ø5.0 R

H \ G/H	1.0	2.0	3.0	4.0	5.0
					
4.0	GSRA**5410**	GSRA**5420**	GSRA**5430**	GSRA**5440**	GSRA**5450**
5.5	GSRA**5610**	GSRA**5620**	GSRA**5630**	GSRA**5640**	GSRA**5650**
7.0	GSRA**5710**	GSRA**5720**	GSRA**5730**	GSRA**5740**	GSRA**5750**

D Ø6.0 R

H \ G/H	1.0	2.0	3.0	4.0	5.0
					
4.0	GSRA**6410**	GSRA**6420**	GSRA**6430**	GSRA**6440**	GSRA**6450**
5.5	GSRA**6610**	GSRA**6620**	GSRA**6630**	GSRA**6640**	GSRA**6650**
7.0	GSRA**6710**	GSRA**6720**	GSRA**6730**	GSRA**6740**	GSRA**6750**

D Ø7.0 R

H \ G/H	1.0	2.0	3.0	4.0	5.0
					
5.5	GSRA**7610**	GSRA**7620**	GSRA**7630**	GSRA**7640**	GSRA**7650**

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
			
Ø4.0/Ø4.0	GSRPC440	GSRPC460	GSRPC470
Ø4.5/Ø4.5	GSRPC441	GSRPC461	GSRPC471
Ø5.0	GSRPC540	GSRPC560	GSRPC570
Ø6.0	GSRPC640	GSRPC660	GSRPC670
Ø7.0	-	GSRPC760	-

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
			
Ø4.0/Ø4.0	GSRRC440	GSRRC460	GSRRC470
Ø4.5/Ø4.5	GSRRC441	GSRRC461	GSRRC471
Ø5.0	GSRRC540	GSRRC560	GSRRC570
Ø6.0	GSRRC640	GSRRC660	GSRRC670
Ø7.0	-	GSRRC760	-

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
			
Ø4.0/Ø4.0	GSRIC440S	GSRIC460S	GSRIC470S
Ø4.5/Ø4.5	GSRIC441S	GSRIC461S	GSRIC471S
Ø5.0	GSRIC540S	GSRIC560S	GSRIC570S
Ø6.0	GSRIC640S	GSRIC660S	GSRIC670S
Ø7.0	-	GSRIC760S	-

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
		
Ø4.0/Ø4.0	GSRP400S	GSRP400B
Ø4.5/Ø4.5	GSRP450S	GSRP450B
Ø5.0	GSRP500S	GSRP500B
Ø6.0	GSRP600S	GSRP600B
Ø7.0	GSRP700S	GSRP700B

Rigid Lab Analog

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

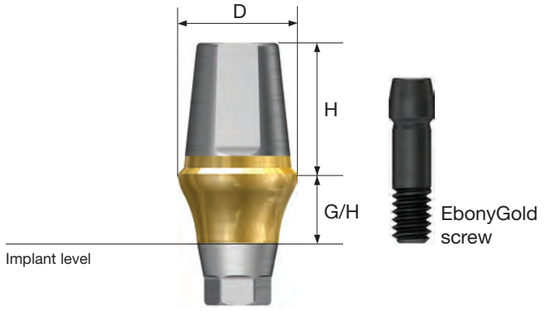
M Mini
R Regular

D \ H	4.0	5.5	7.0
			
Ø4.0/Ø4.0	GSRLA440	GSRLA460	GSRLA470
Ø4.5/Ø4.5	GSRLA441	GSRLA461	GSRLA471
Ø5.0	GSRLA540	GSRLA560	GSRLA570
Ø6.0	GSRLA640	GSRLA660	GSRLA670
Ø7.0	-	GSRLA760	-

Transfer Abutment 2013.01

- 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 + EbonyGold screw

Abutment + EbonyGold screw order code
: product code + **WH** (ex : GSTA4621**WH**)



D ø4.0

M

EbonyGold screw
: GSABSM

Abutment level impression not available

	H \ G/H	1.0	2.0	3.0	4.0
					
Hex	5.5	GSTA**4612**	GSTA**4622**	GSTA**4632**	GSTA**4642**
	7.0	GSTA**4712**	GSTA**4722**	GSTA**4732**	GSTA**4742**
Non-Hex	5.5	GSTA**4612N**	GSTA**4622N**	GSTA**4632N**	GSTA**4642N**
	7.0	GSTA**4712N**	GSTA**4722N**	GSTA**4732N**	GSTA**4742N**

	H \ G/H	5.0	6.0	7.0
				
Hex	5.5	GSTA**4652**	GSTA**4662**	GSTA**4672**
	7.0	GSTA**4752**	GSTA**4762**	GSTA**4772**
Non-Hex	5.5	GSTA**4652N**	GSTA**4662N**	GSTA**4672N**
	7.0	GSTA**4752N**	GSTA**4762N**	GSTA**4772N**

D ø4.5

M

EbonyGold screw
: GSABSM

	H \ G/H	1.0	2.0	3.0	4.0
					
Hex	5.5	GSTA**4611**	GSTA**4621**	GSTA**4631**	GSTA**4641**
	7.0	GSTA**4711**	GSTA**4721**	GSTA**4731**	GSTA**4741**
Non-Hex	5.5	GSTA**4611N**	GSTA**4621N**	GSTA**4631N**	GSTA**4641N**
	7.0	GSTA**4711N**	GSTA**4721N**	GSTA**4731N**	GSTA**4741N**

	H \ G/H	5.0	6.0	7.0
				
Hex	5.5	GSTA**4651**	GSTA**4661**	GSTA**4671**
	7.0	GSTA**4751**	GSTA**4761**	GSTA**4771**
Non-Hex	5.5	GSTA**4651N**	GSTA**4661N**	GSTA**4671N**
	7.0	GSTA**4751N**	GSTA**4761N**	GSTA**4771N**

D ø4.5

R

EbonyGold screw
: GSABSS

	H \ G/H	1.0	2.0	3.0	4.0
					
Hex	5.5	GSTAS**4611**	GSTAS**4621**	GSTAS**4631**	GSTAS**4641**
	7.0	GSTAS**4711**	GSTAS**4721**	GSTAS**4731**	GSTAS**4741**
Non-Hex	5.5	GSTAS**4611N**	GSTAS**4621N**	GSTAS**4631N**	GSTAS**4641N**
	7.0	GSTAS**4711N**	GSTAS**4721N**	GSTAS**4731N**	GSTAS**4741N**

	H \ G/H	5.0	6.0	7.0
				
Hex	5.5	GSTAS**4651**	GSTAS**4661**	GSTAS**4671**
	7.0	GSTAS**4751**	GSTAS**4761**	GSTAS**4771**
Non-Hex	5.5	GSTAS**4651N**	GSTAS**4661N**	GSTAS**4671N**
	7.0	GSTAS**4751N**	GSTAS**4761N**	GSTAS**4771N**

Transfer Abutment 2013.01

D ø5.0

R

EbonyGold screw
: GSABSS

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

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

D ø6.0

R

EbonyGold screw
: GSABSS

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

D ø6.0

R

EbonyGold screw
: GSABSS

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

D ø7.0

R

EbonyGold screw
: GSABSS

	H \ G/H	1.0	2.0	3.0	4.0
					
	4.0	GSTA7410	GSTA7420	GSTA7430	GSTA7440
Hex	5.5	GSTA7610	GSTA7620	GSTA7630	GSTA7640
	4.0	GSTA7410N	GSTA7420N	GSTA7430N	GSTA7440N
Non-Hex	5.5	GSTA7610N	GSTA7620N	GSTA7630N	GSTA7640N

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

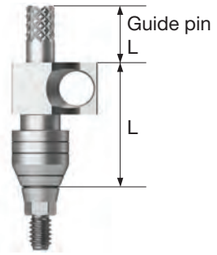
Transfer Abutment Components

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 / Type	11 Hex	11 Non-Hex	Guide Pin 0	Guide Pin 5.0	Guide Pin 9.0
					
Ø 4.0	GSPIM**4011**	GSPIM**4011N**	GSPGPM**100**	GSPGPM**150***	GSPGPM**150L**
Ø 4.5	GSPIM**4511**	GSPIM**4511N**			
Ø 4.0	GSPIS**4011**	GSPIS**4011N**	GSPGPR**100**	GSPGPR**150***	GSPGPR**150L**
Ø 4.5	GSPIS**4511**	GSPIS**4511N**			
Ø 5.0	GSPIS**5011**	GSPIS**5011N**			
Ø 6.0	GSPIS**6011**	GSPIS**6011N**			
Ø 7.0	GSPIS**7011**	GSPIS**7011N**			

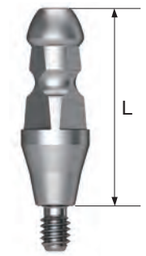
D \ L / Type	15 Hex	15 Non-Hex	Guide Pin 0	Guide Pin 5.0	Guide Pin 9.0
					
Ø 4.0	GSPIM**4015**	GSPIM**4015N**	GSPGPM**100L**	GSPGPM**150L***	GSPGPM**200L**
Ø 4.5	GSPIM**4515**	GSPIM**4515N**			
Ø 4.0	GSPIS**4015**	GSPIS**4015N**	GSPGPR**100L**	GSPGPR**150L***	GSPGPR**200L**
Ø 4.5	GSPIS**4515**	GSPIS**4515N**			
Ø 5.0	GSPIS**5015**	GSPIS**5015N**			
Ø 6.0	GSPIS**6015**	GSPIS**6015N**			
Ø 7.0	GSPIS**7015**	GSPIS**7015N**			

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 / Type	11 Hex	11 Non-Hex	14 Hex	14 Non-Hex
				
Ø 4.0	GSTIM**4011**	GSTIM**4011N**	GSTIM**4014**	GSTIM**4014N**
Ø 4.5	GSTIM**4511**	GSTIM**4511N**	GSTIM**4514**	GSTIM**4514N**
Ø 4.0	GSTIS**4011**	GSTIS**4011N**	GSTIS**4014**	GSTIS**4014N**
Ø 4.5	GSTIS**4511**	GSTIS**4511N**	GSTIS**4514**	GSTIS**4514N**
Ø 5.0	GSTIS**5011**	GSTIS**5011N**	GSTIS**5014**	GSTIS**5014N**
Ø 6.0	GSTIS**6011**	GSTIS**6011N**	GSTIS**6014**	GSTIS**6014N**
Ø 7.0	GSTIS**7011**	GSTIS**7011N**	GSTIS**7014**	GSTIS**7014N**

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

	Lab Screw	Waxing Screw
M	 GSABS**ML**	GSABS**MW**
R	 GSABS**SL**	GSABS**SW**

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

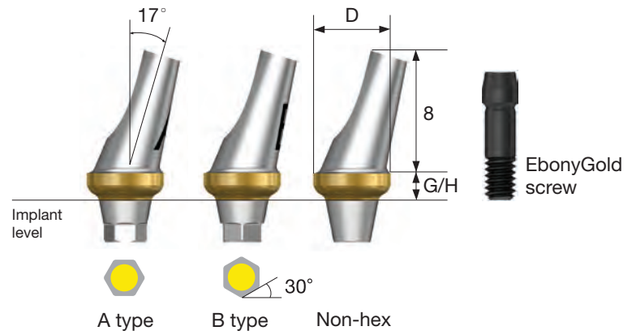
M Mini
R Regular

M For Ø3.0	 GSTLA**300**
M	 GSTLA**350**
R	 GSTLA**400**

Angled Abutment 2015.03

- 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 : GSAA5020A**WH**)



D Ø4.0

M

EbonyGold screw
: GSABSM

G/H	2.0			4.0		
Type	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
						
	GSAA**4020MA**	GSAA**4020MB**	GSAA**4020MN**	GSAA**4040MA**	GSAA**4040MB**	GSAA**4040MN**

D Ø4.5

M

EbonyGold screw
: GSABSM

G/H	2.0			4.0		
Type	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex
						
	GSAA**4520MA**	GSAA**4520MB**	GSAA**4520MN**	GSAA**4540MA**	GSAA**4540MB**	GSAA**4540MN**

Angled Abutment 2015.03

D ø4.5

R

EbonyGold screw
: GSABSS

G/H	2.0			4.0		
Type	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex

GSAA**4520A** GSAA**4520B** GSAA**4520N** GSAA**4540A** GSAA**4540B** GSAA**4540N**

D ø5.0

R

EbonyGold screw
: GSABSS

G/H	2.0			4.0		
Type	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex

GSAA**5020A** GSAA**5020B** GSAA**5020N** GSAA**5040A** GSAA**5040B** GSAA**5040N**

D ø6.0

R

EbonyGold screw
: GSABSS

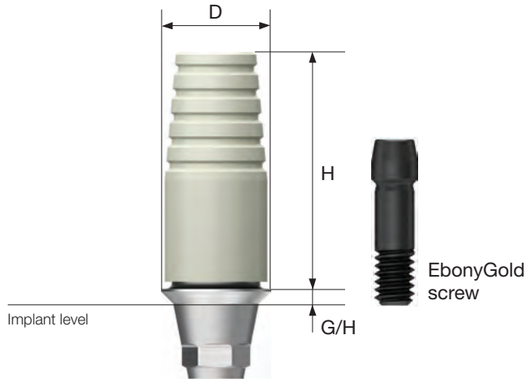
G/H	2.0			4.0		
Type	Hex A	Hex B	Non-Hex	Hex A	Hex B	Non-Hex

GSAA**6020A** GSAA**6020B** GSAA**6020N** GSAA**6040A** GSAA**6040B** GSAA**6040N**

NP-Cast Abutment 2011.05

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

Abutment + EbonyGold screw order code
: product code + **WH** (ex : GSNA4510S**WH**)



D ø4.0

M

EbonyGold screw
: GSABSM

G/H	1.0		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex

GSNA**4010S** GSNA**4010B** GSNA**4030S** GSNA**4030B**

D ø4.5

R

EbonyGold screw
: GSABSS

G/H	1.0		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex

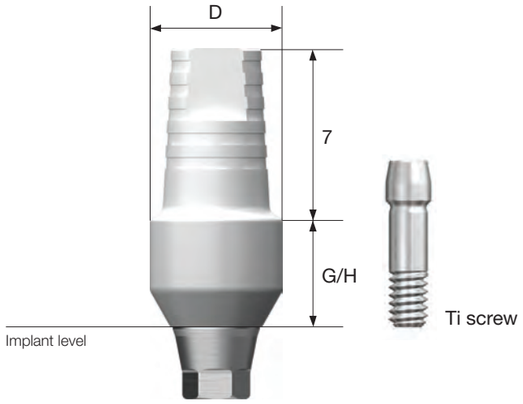
GSNA**4510S** GSNA**4510B** GSNA**4530S** GSNA**4530B**

Quick Temporary Abutment

2012.04

- 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 : TSQTA5550**TH**)



2015.03

D ø4.0

M

Ti screw
: GSABSMT

G/H	1.5		5.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	TSQTA**4015M**	TSQTA**4015MN**	TSQTA**4050M**	TSQTA**4050MN**

D ø4.5

M

Ti screw
: GSABSMT

G/H	1.5		5.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	-	-	TSQTA**4550**	TSQTA**4550N**

2015.03

D ø4.5

R

Ti screw
: GSABSST

G/H	1.5		5.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	TSQTA**4515R**	TSQTA**4515RN**	TSQTA**4550R**	TSQTA**4550RN**

D ø5.5

R

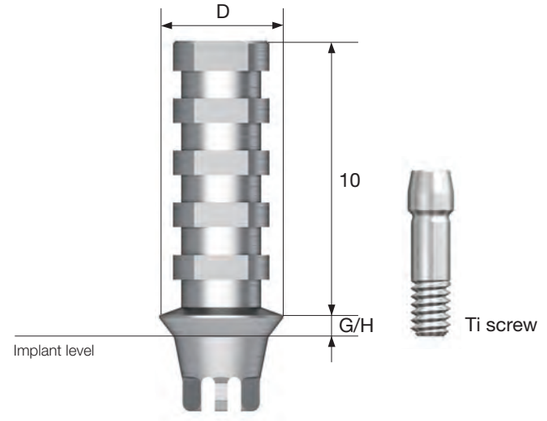
Ti screw
: GSABSST

G/H	1.5		5.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	-	-	TSQTA**5550**	TSQTA**5550N**

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

M

Ti screw
: GSABSMT

G/H	1.0		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSTTA**4010**	GSTTA**4010N**	GSTTA**4030**	GSTTA**4030N**

D ø4.5

R

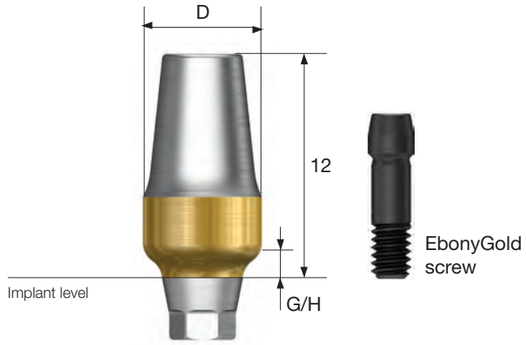
Ti screw
: GSABSST

G/H	1.0		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSTTA**4510**	GSTTA**4510N**	GSTTA**4530**	GSTTA**4530N**

FreeForm ST Abutment 2013.01

- 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**)



FreeForm ST Abutment 2013.01

D ø4.0

M

EbonyGold screw
: GSABSM

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSFAM**4015**	GSFAM**4015N**	GSFAM**4030**	GSFAM**4030N**

D ø4.0

R

EbonyGold screw
: GSABSS

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSFA**4015**	GSFA**4015N**	GSFA**4030**	GSFA**4030N**

D ø5.0 (Straight)

R

EbonyGold screw
: GSABSS

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSFAS**5015**	GSFAS**5015N**	GSFAS**5030**	GSFAS**5030N**

D ø5.0

R

EbonyGold screw
: GSABSS

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSFA**5015**	GSFA**5015N**	GSFA**5030**	GSFA**5030N**

D ø6.0

R

EbonyGold screw
: GSABSS

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSFA**6015**	GSFA**6015N**	GSFA**6030**	GSFA**6030N**

D ø7.0

R

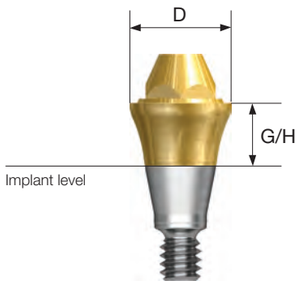
EbonyGold screw
: GSABSS

G/H	1.5		3.0	
Type	Hex	Non-Hex	Hex	Non-Hex
	GSFA**7015**	GSFA**7015N**	GSFA**7030**	GSFA**7030N**

Multi Abutment 2012.08

- Used for producing screw-retained prosthesis in multiple case
- The same platform as the multi angled abutment
- Producing prosthesis with US 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 : TSMA5030**P**)



D ø4.8

M

G/H	1.0	2.0	3.0	4.0	5.0
	TSMA**5010M**	TSMA**5020M**	TSMA**5030M**	TSMA**5040M**	TSMA**5050M**

D ø4.8

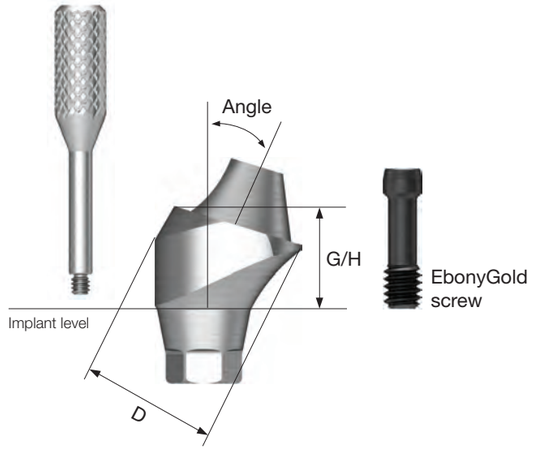
R

G/H	1.0	2.0	3.0	4.0	5.0
	TSMA**5010**	TSMA**5020**	TSMA**5030**	TSMA**5040**	TSMA**5050**

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**)



D ø4.8

M

EbonyGold screw
: GSMABSM

Angle	G/H	2.5	3.0	4.0
17°		GS17MAM**4820**	GS17MAM**4830**	GS17MAM**4840**
30°		GS30MAM**4830**	GS30MAM**4840**	GS30MAM**4850**

D ø4.8

R

EbonyGold screw
: GSMABSS

Angle	G/H	2.5	3.0	4.0	5.0
17°		GS17MAS**4820**	GS17MAS**4830**	GS17MAS**4840**	GS17MAS**4850**

Angle	G/H	3.5	4.0	5.0
30°		GS30MAS**4830**	GS30MAS**4840**	GS30MAS**4850**

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

D	Type	Hex	Non-Hex

TSMN**500**

TSMN**500N**

- 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℃
- 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 : TSMN500**TH**)

M Mini
R Regular

Ti screw
: MTS200

Multi Combination Cylinder

D	Type	Hex	Non-Hex

TSMC**500**

TSMC**500N**

- 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 : TSMC500**TH**)

M Mini
R Regular

Ti screw
: MTS200

Esthetic-low Healing Cap

D	H	6.0

- Protect cap for Esthetic-low Abutment
- Hand tightened with a 1.2 hex driver

M Mini
R Regular

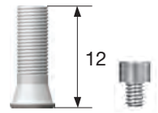
Ø 4.8 / Ø 4.8

MHC**R100**

Esthetic-low Plastic Cylinder

D	Type	Hex	Non-Hex

MEP**R200**



MEP**R100**

- Used for fabrication of screw-retained prosthesis in Esthetic-low 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

Ø 4.8 / Ø 4.8

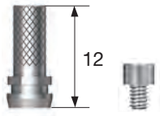
Ti screw
: MTS200 (**Ø 4.8 / Ø 4.8**)

Esthetic-low Temporary Cylinder

Standard Type

D	Type	Hex	Non-Hex

MT**R200**



MT**R100**

- Used for fabrication of temporary prosthesis in Esthetic-low 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

Ø 4.8 / Ø 4.8

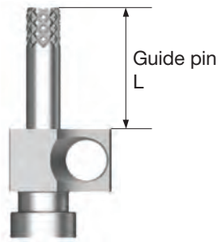
Ti screw
: MTS200 (**Ø 4.8 / Ø 4.8**)

Multi Abutment Components

Esthetic-low Pick-up Impression Coping

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

M Mini
R Regular



D \ L	Hex	Non-Hex	Guide Pin 5	10	12	15
ø4.8/ø4.8	MSR200	MSR100	GP100	GP150*	GP170	GP200

Esthetic-low Transfer Impression Coping

- Transfer impression coping for esthetic-low abutment
- Hand tightened

M Mini
R Regular

D \ H	8.0
ø4.8/ø4.8	MTTR100

Esthetic-low Lab Analog

- Lab analog for esthetic-low abutment
- Hand tightened with a 1.2 hex driver

M Mini
R Regular

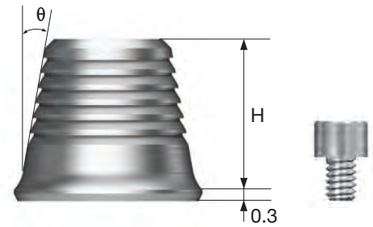
D
ø4.8/ø4.8

MERR300

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 : TSMTB405G**TH**)



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

TS Multi Scan Body

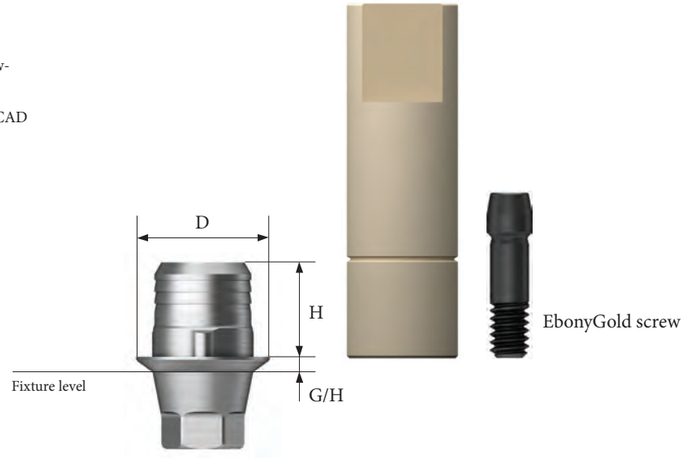
- Used by connecting to the TS multi abutment for oral scanning
- Used for non-hex type
- Hand tightened with a 1.2 hex driver

TSMSBC

Digital Prosthetics Link Abutment (for p ublic / Cerec)

- Abutment for producing cement-retained/combination/screw-retained prosthesis
- Used for producing Ti + Zr custom abutment with CAD CAM equipment
- Osstem's official implant library provided
- Fixture level impression
- 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 : TSPTB431RWH)



D Ø4.0

M

EbonyGold screw
: GSABSM

H	G/H Type	1.0	2.0
Hex	3.0	TSPTB431M	TSPTB432M
	5.0	TSPTB451M	TSPTB452M
Non-Hex	3.0	TSPTB431MN	TSPTB432MN
	5.0	TSPTB451MN	TSPTB452MN

D Ø4.5

R

EbonyGold screw
: GSABSS

H	G/H Type	1.0	2.0
Hex	3.0	TSPTB431R	TSPTB432R
	5.0	TSPTB451R	TSPTB452R
Non-Hex	3.0	TSPTB431RN	TSPTB432RN
	5.0	TSPTB451RN	TSPTB452RN

Digital Prosthetics Link Abutment (for public / Cerec)

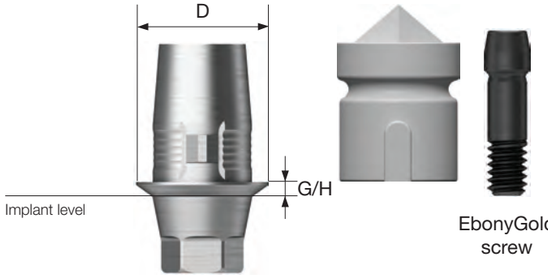
TS Link Abutment for Cerec 2015.12

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

Abutment + EbonyGold screw + scan body order code
: product code + WH (ex : TSCTBRWH)

M Mini

R Regular



D Ø4.5

M

EbonyGold screw
: GSABSM

G/H Type	0.6
Hex	TSCTB**M**
Non-Hex	TSCTB**MN**

D Ø4.5

R

EbonyGold screw
: GSABSS

G/H Type	0.6
Hex	TSCTB**R**
Non-Hex	TSCTB**RN**

TS Cerec Scan Post

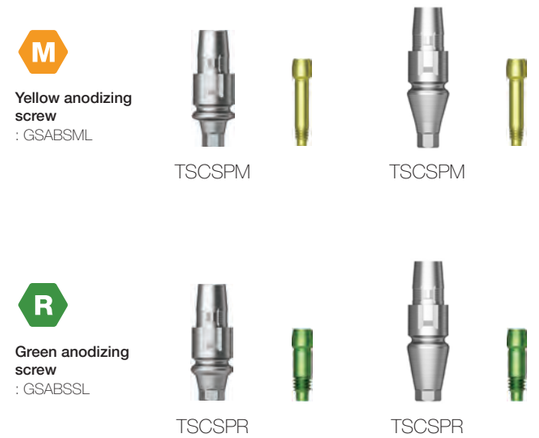
- Used for the scan body of Cerec Link Abutment with little vertical exposure (When the implant is deeply placed or the soft tissue is thick)
- Scanning by connecting Scan Body
- Hand tightened with a 1.2 hex driver
- Packing unit : scan post + Ti screw

Scan post + screw order code
: product code + TH (ex : TSCSPRTH)

M Mini

R Regular

G/H	0.6	3
M Yellow anodizing screw : GSABSML	TSCSPM	TSCSPM
R Green anodizing screw : GSABSSL	TSCSPR	TSCSPR



Cerec Scan Body

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

TSCSBS

Scan Body

- Scan body for producing titanium custom abutment
- Model scan : Long (15mm)
- Intra oral scan : Short (10mm)
- Hand tightened with a 1.2 hex driver
- Packing unit : Scan body + Ti screw

Scan body + screw order code
: Product code + TH (ex : TSSBMTH)

L	10mm	15mm
Yellow color screw : TSSBMS	 TSSBOM	 TSSBM
Green color screw : TSSBSS	 TSSBOS	 TSSBS

Digital Prosthetics Pre-milled Abutment

- Making custom abutment with dental milling equipment
- Easy identification of non-genuine product with osstem activation mark
- Superior tightening accuracy compared to non-genuine
- Dedicated lineup for various milling equipment
  (milling 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)

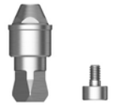
Equipment	Implant	D	Specifications		Code
Doowon ARUM Vatech imes-icore	Osstem TS	Ø10	Mini	Hex	TSPM10ARMWH
			Mini	Non-hex	TSPM10ARMNWH
			Regular	Hex	TSPM10ARRWH
			Regular	Non-hex	TSPM10ARRNWH
	D type	Ø10	Regular	Hex	DEPM10ARRTH
			Regular	Non-hex	DEPM10ARRNTH
	N type	Ø10	Regular	Hex	NEPM10ARRTH
			Regular	Non-hex	NEPM10ARRNTH

Digital Prosthetics Digital Lab Analog

Digital Lab Analog
(KS, TS, SS, US) NEW 2021

- 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

TS

Mini Ø3.0	Mini Ø3.5	Regular	Multi Abt
			
TSDLA300	TSDLA350	TSDLA400	TSMDLA

Reamer Drill NEW 2021

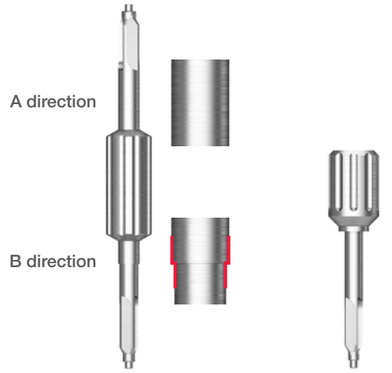
- Used for correction of insertion path of 3D-printed working model
- See the table below for guide of use by the type of Digital Lab Analog

• **DLARDR**

Type	A direction	B direction
KS	Ø4.0	Ø3.5
TS	Regular / Multi	Mini
SS	Regular / Wide	
US	Regular / Wide / Wide PS	Mini

• **DLARDM300**

Type	
TS	Ø3.0



DLARDR DLARDM300

Digital Prosthetics Digital Lab Analog

Positioning Jig NEW 2021

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

TS

GSDLAPJ TSMDLAPJ

Screw Bulk

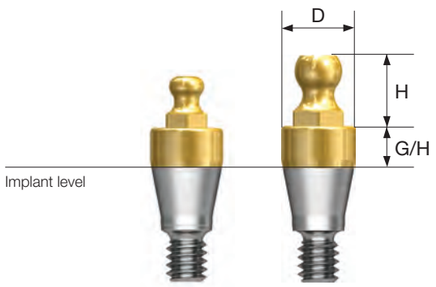
- Set of 10 screws for Lab Analog only

Screw Bulk (10ea)

TSDLASB

Stud Abutment 2013.01

- 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
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
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

RCS01

O-ring Retainer Set

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

RS01

O-ring Set

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

OAON01S

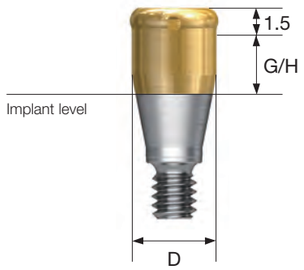
O-ring Lab Analog

- Lab analog for Stud Abutment

OAL

Port Abutment 2010.01

- 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
				
	TSPTA**3510M**	TSPTA**3520M**	TSPTA**3530M**	TSPTA**3540M**

G/H	5.0	6.0	7.0
			
	TSPTA**3550M**	TSPTA**3560M**	TSPTA**3570M**

D ø3.7

R

G/H	1.0	2.0	3.0	4.0
				
	TSPTA**4010R**	TSPTA**4020R**	TSPTA**4030R**	TSPTA**4040R**

G/H	5.0	6.0	7.0
			
	TSPTA**4050R**	TSPTA**4060R**	TSPTA**4070R**

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

PTCMK

Port Replacement Male

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

PTCM06S

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

PTCM12S

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

PTCM22S

Port Extended Replacement Male

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

PTCEM06S

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

PTCEM12S

Port Black Processing Male

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

PTCPMS

Port Male Cap

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

PTCMC

Port Block Out Spacers

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

PTCSS

Port Impression Coping

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

PTCIC

Port Lab Analog

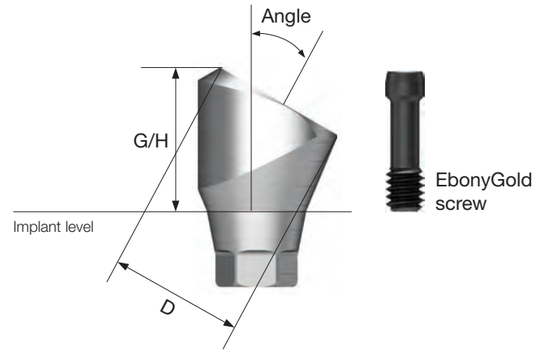
- Lab analog for Locator Abutment
- Packing unit : 1ea

PTCLA40

Port Angled Abutment 2015.01

- 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

M

EbonyGold screw
: GSMABSM

Angle \ G/H	4.0	5.0
10°	TS10PA**454M**	TS10PA**455M**
17°	TS17PA**454M**	TS17PA**455M**
30°	TS30PA**454M**	TS30PA**455M**

D ø4.6

R

EbonyGold screw
: GSMABSS

Angle	G/H	4.0	5.0
10°		 TS10PA**454R**	 TS10PA**455R**

Angle	G/H	4.0	5.0
17°		 TS17PA**454R**	 TS17PA**455R**

Angle	G/H	4.0	5.0
30°		 TS30PA**454R**	 TS30PA**455R**

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

Port 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

PTCMT

Port Torque Driver

- Torque driver for Locator Abutment

Type	Short	Long
	 TWLD**SK**	 TWLD**L**

TS Abutment Selector 2019.02

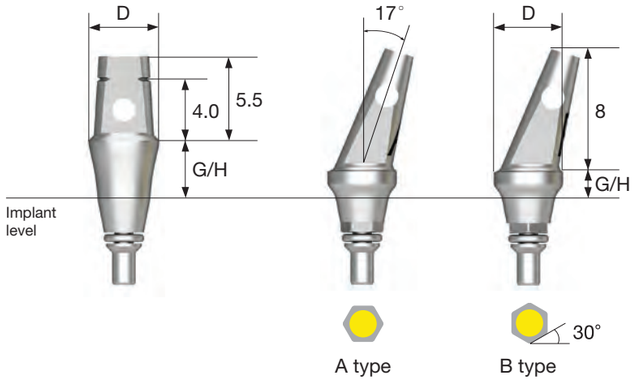
- Component accessory that allows prediction of the final abutment specification required
- Only for rigid, transfer and angled abutment
- PSU ring combination allows manual tightening and removal
- Hole for prevention of dropping in the mouth

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

SSIII SA Implant 2011.11

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

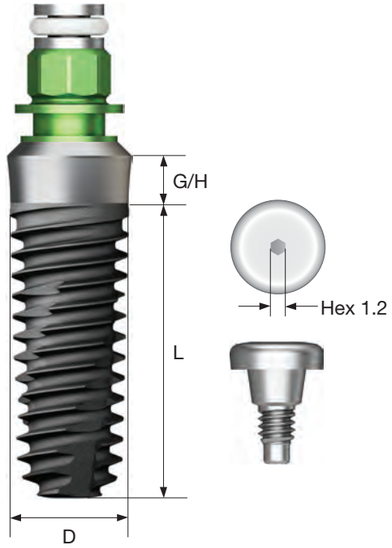
Ultra-wide

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

※ Implants with a diameter of 4.5mm or greater are recommended for the posterior region with a single case

NoMount implant order code
: implant product code (ex : SS3R4011S18)

Pre-Mounted implant (implant + simple mount + cover screw) order code
: **A** + implant product code (ex : **A**SS3R4011S18)



D ø3.5 P ø4.8 R

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 R

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

D ø4.5 P ø4.8 R

G/H \ L	7 (Extra short)	7	8.5	10	11.5	13
0.8	SS3R4506S08	-	-	-	-	-
1.8	SS3R4506S18	SS3R4507S18	SS3R4508S18	SS3R4510S18	SS3R4511S18	SS3R4513S18
2.8	-	-	SS3R4508S28	SS3R4510S28	SS3R4511S28	SS3R4513S28

D ø4.5 P ø6.0 W

G/H \ L	7 (Extra short)	7	8.5	10	11.5	13
0.8	SS3W4506S08	-	-	-	-	-
1.8	SS3W4506S18	SS3W4507S18	SS3W4508S18	SS3W4510S18	SS3W4511S18	SS3W4513S18
2.8	-	SS3W4507S28	SS3W4508S28	SS3W4510S28	SS3W4511S28	SS3W4513S28

D ø5.0 P ø6.0 W

G/H \ L	6 (Extra short)	6 (Extra short)	6 (Short)	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

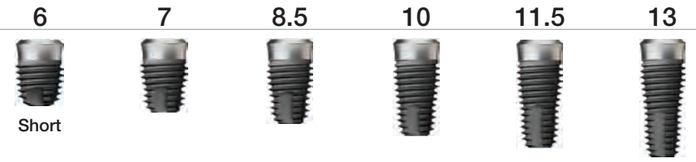
Nominal diameter may differ from the actual diameter of the product

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

SSIII SA Implant 2011.11

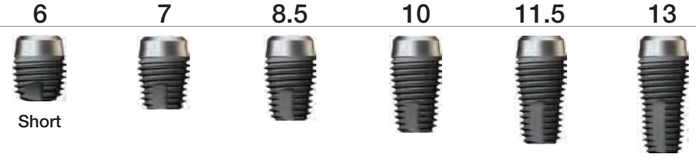
Ultra-wide

D ø6.0
P ø6.0
W



1.8	SS3W**6006S18**	SS3W**6007S18**	SS3W**6008S18**	SS3W**6010S18**	SS3W**6011S18**	SS3W**6013S18**
2.8	SS3W**6006S28**	SS3W**6007S28**	SS3W**6008S28**	SS3W**6010S28**	SS3W**6011S28**	SS3W**6013S28**

D ø7.0
P ø6.0
W



1.8	SS3W**7006S18**	SS3W**7007S18**	SS3W**7008S18**	SS3W**7010S18**	SS3W**7011S18**	SS3W**7013S18**
2.8	SS3W**7006S28**	SS3W**7007S28**	SS3W**7008S28**	SS3W**7010S28**	SS3W**7011S28**	SS3W**7013S28**

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 2007.09

Simple Mount

- 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

SSH**RG**

W

SSH**WB**

Cover Screw

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

R Regular
W Wide

P

R

SSCS**480**

W

SSCS**600**

Healing Abutment 2007.09

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

R Regular

W Wide

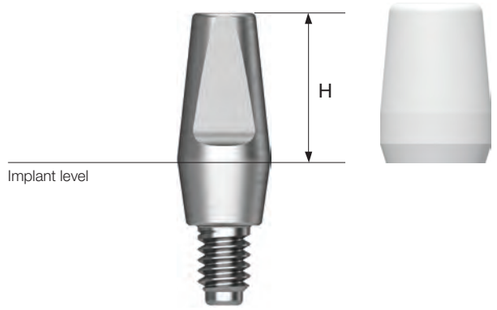
P \ H	2.0	3.0	4.0	5.0
ø4.8	SSH482	SSH483	SSH484	SSH485

P \ H	2.0	3.0	4.0	5.0
ø6.0	-	SSH603	SSH604	SSH605

Solid Abutment 2007.09

- 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

R

H	4.0	5.5	7.0
	SSS484	SSS485	SSS487

P ø6.0

W

H	4.0	5.5	7.0
	SSS604	SSS605	SSS607

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	SSC**484**	SSC**485**	SSC**487**
Ø 6.0	SSC**604**	SSC**605**	SSC**607**

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	SSSRC**484**	SSSRC**485**	SSSRC**487**
Ø 6.0	SSSRC**604**	SSSRC**605**	SSSRC**607**

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	SSIC**484**	SSIC**485**	SSIC**487**
Ø 6.0	SSIC**604**	SSIC**605**	SSIC**607**

Solid Lab Analog

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

R Regular
W Wide

P \ H	4.0	5.5	7.0
			
Ø 4.8	SSSA**484**	SSSA**485**	SSSA**487**
Ø 6.0	SSSA**604**	SSSA**605**	SSSA**607**

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

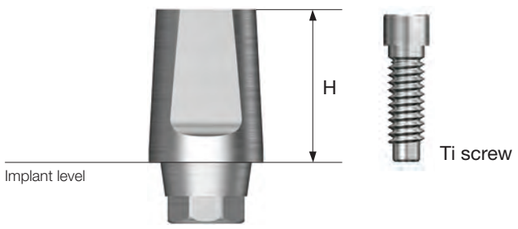
R Regular
W Wide

P \ H	Single	Bridge
		
Ø 4.8	SSSP**480S**	SSSP**480B**
Ø 6.0	SSSP**600S**	SSSP**600B**

ComOcta Abutment 2011.01

- 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 : SSCA485**TH**)



P ø4.8

R

Ti screw
: ASR200

H / Type	4.0	5.5	7.0	4.0	5.5	7.0
	Octa			Non-Octa		
	SSCA**484**	SSCA**485**	SSCA**487**	SSCA**484N**	SSCA**485N**	SSCA**487N**

P ø6.0

W

Ti screw
: ASR200

H / Type	4.0	5.5	7.0	4.0	5.5	7.0
	Octa			Non-Octa		
	SSCA**604**	SSCA**605**	SSCA**607**	SSCA**604N**	SSCA**605N**	SSCA**607N**

ComOcta Abutment Components

ComOcta Protect Cap

- 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	SSCO**484**	SSCO**485**	SSCO**487**
ø 6.0	SSEO**604**	SSEO**605**	SSEO**607**

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	SSCRC**484**	SSCRC**485**	SSCRC**487**
ø 6.0	SSCRC**604**	SSCRC**605**	SSCRC**607**

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	SSCIC**484**	SSCIC**485**	SSCIC**487**
ø 6.0	SSEIC**604**	SSEIC**605**	SSEIC**607**

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

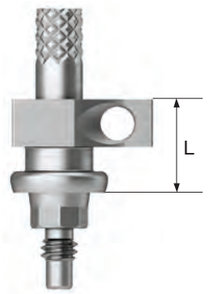
R Regular
W Wide

P / H	4.0	5.5	7.0
ø 4.8	SSCLA**484**	SSCLA**485**	SSCLA**487**
ø 6.0	SSCLA**604**	SSCLA**605**	SSCLA**607**

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	5		10		Guide Pin 10	15	17
Type	Octa	Non-Octa	Octa	Non-Octa			
Ø 4.8	SSICAS**480**	SSICAS**480N**	SSICA**480**	SSICA**480N**	CSR**100***(L5)	CSR**150***(L10)	CSR**170**
Ø 6.0	SSICAS**600**	SSICAS**600N**	SSICA**600**	SSICA**600N**			

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	
Ø 4.8	SSCTIS**480**	SSCTIL**480**	SSCTIS**480N**	SSCTIL**480N**
Ø 6.0	SSCTIS**600**	SSCTIL**600**	SSCTIS**600N**	SSCTIL**600N**

Implant Lab Analog

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

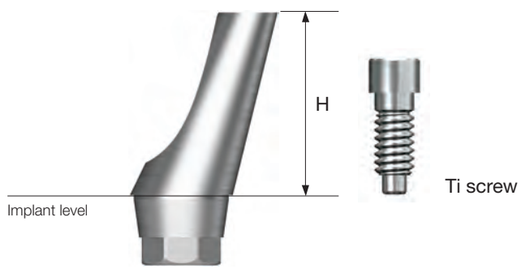
R Regular (Green)
W Wide (Blue)

P	
Ø 4.8	SSFA**480**
Ø 6.0	SSFA**600**

ComOcta Angled Abutment 2011.01

- 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**)



P ø4.8

R

Ti screw
: ASS200

H	Angle	15°	20°	15°	20°
	Type	Octa		Non-Octa	
6.7		SSA**4815**	SSA**4820**	SSA**4815N**	SSA**4820N**

P ø6.0

W

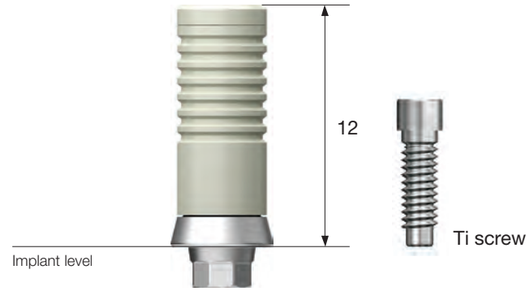
Ti screw
: ASS200

H	Angle	15°	20°	15°	20°
	Type	Octa		Non-Octa	
5.5		SSA**6015**	SSA**6020**	SSA**6015N**	SSA**6020N**

ComOcta NP-Cast Abutment 2012.04

- 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℃
- 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 : CON480S**TH**)



P ø4.8

R

Ti screw
: ASR200

Type	Octa	Non-Octa
	CON**480S**	CON**480B**

P ø6.0

W

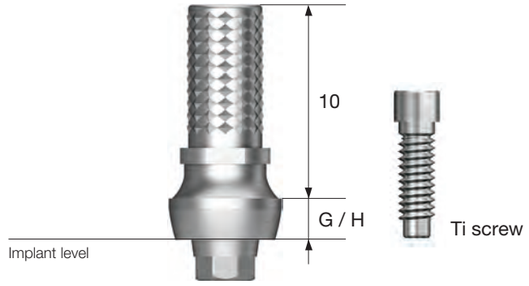
Ti screw
: ASR200

Type	Octa	Non-Octa
	CON**600S**	CON**600B**

ComOcta Temporary Abutment 2007.09

- 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 : SSTAO480**TH**)



P ø4.8

R

Ti screw
: ASR200

G/H	0	2.0	0	2.0
Type	Octa		Non-Octa	
	SSTAO**480**	SSTAO**482**	SSTAN**480**	SSTAN**482**

P ø6.0

W

Ti screw
: ASR200

G/H	0	2.0	0	2.0
Type	Octa		Non-Octa	
	SSTAO**600**	SSTAO**602**	SSTAN**600**	SSTAN**602**

Octa Abutment 2007.09

- 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

R

SSOA**480**

P Ø6.0

W

SSOA**600**

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

P

Ø 4.8 SSHC**480**
Ø 6.0 SSHC**600**

Ti screw
: SSFS **(Ø 4.8 / Ø 6.0)**

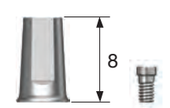
Octa Combination Cylinder

- 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

P



Ø 4.8 SSOCC**480**
Ø 6.0 SSOCC**600**

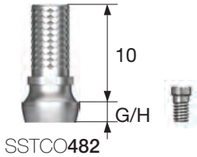
Ti screw
: SSFS **(Ø 4.8 / Ø 6.0)**

Octa Temporary Cylinder

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

Cylinder + Ti screw order code
: product code + **TH** (ex : SSTCO480**TH**)

R Regular
W Wide

P G/H	0	2
		
Ø 4.8	SSTCO**480**	SSTCO**482**
Ø 6.0	SSTCO**600**	SSTCO**602**

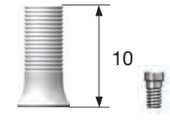
Ti screw
: SSFS **(Ø 4.8 / Ø 6.0)**

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**)

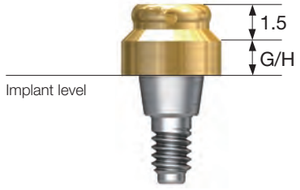
R Regular
W Wide

P Type	Octa	Non-Octa
		
Ø 4.8	SSPSO**480**	SSPSN**480**
Ø 6.0	SSPSO**600**	SSPSN**600**

Ti screw
: SSFS **(Ø 4.8 / Ø 6.0)**

Port Abutment 2010.01

- 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

G/H	1.0	2.0	3.0	4.0	5.0
					
	SSPTA**4810R**	SSPTA**4820R**	SSPTA**4830R**	SSPTA**4840R**	SSPTA**4850R**

P ø6.0

W

G/H	-	2.0	3.0	4.0	5.0
					
	-	SSPTA**6020W**	SSPTA**6030W**	SSPTA**6040W**	SSPTA**6050W**

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

PTCMK

Port Replacement Male

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

PTCM06S

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

PTCM12S

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

PTCM22S

Port Extended Replacement Male

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

PTCEM06S

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

PTCEM12S

Port Black Processing Male

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

PTCPMS

Port Male Cap

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

PTCMC

Port Block Out Spacers

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

PTCSS

Port Impression Coping

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

PTCIC

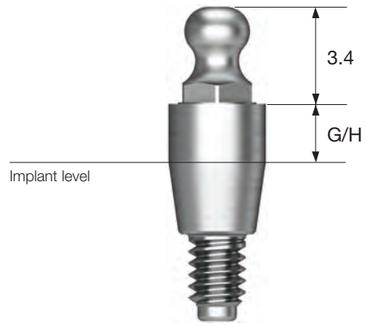
Port Lab Analog

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

PTCLA40

O-ring Abutment 2007.09

- 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



P ø4.8

R

G/H	0	2	4
			
	SSRA**000**	SSRA**200**	SSRA**400**

P ø6.0

W

G/H	0	2	4
			
	SSWA**000**	SSWA**200**	SSWA**400**

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

RCS01

O-ring Retainer Set

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

RS01

O-ring Set

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

OAON01S

O-ring Lab Analog

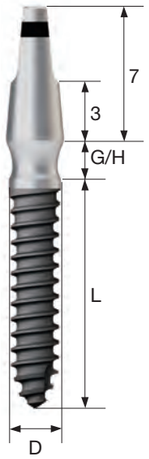
- Lab analog for O-ring Abutment

OAL

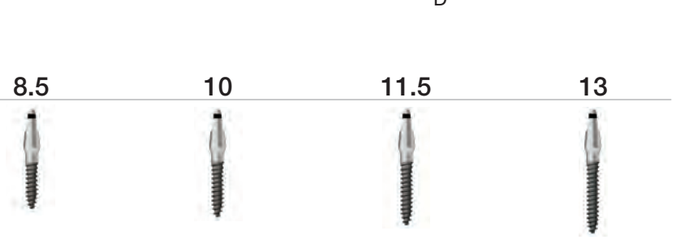
MS SA Implant Narrow Ridge 2012.05

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 : ≤30Ncm



D Ø2.0

G/H \ L	8.5	10	11.5	13
				
2.5	MSN**2008S25**	MSN**2010S25**	MSN**2011S25**	MSN**2013S25**
4.0	MSN**2008S40**	MSN**2010S40**	MSN**2011S40**	MSN**2013S40**

D Ø2.5

G/H \ L	8.5	10	11.5	13
				
2.5	MSN**2508S25**	MSN**2510S25**	MSN**2511S25**	MSN**2513S25**
4.0	MSN**2508S40**	MSN**2510S40**	MSN**2511S40**	MSN**2513S40**

D Ø3.0

G/H \ L	8.5	10	11.5	13
				
2.5	MSN**3008S25**	MSN**3010S25**	MSN**3011S25**	MSN**3013S25**
4.0	MSN**3008S40**	MSN**3010S40**	MSN**3011S40**	MSN**3013S40**

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

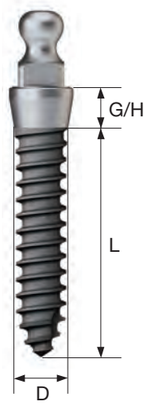
- Used as a prosthetic framework by assembling with MS implant narrow ridge
- After prosthetic casting, a dedicated reamer is used to adjust the margin

Type	Single	Bridge
		
	MSPBCS	MSPBCB

MS SA Implant Denture 2015.05

Denture

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



D ø2.0

G/H \ L	8.5	10	11.5	13
				
2.0	MSD**2008S20**	MSD**2010S20**	MSD**2011S20**	MSD**2013S20**
4.0	MSD**2008S40**	MSD**2010S40**	MSD**2011S40**	MSD**2013S40**

D ø2.5

G/H \ L	8.5	10	11.5	13
				
2.0	MSD**2508S20**	MSD**2510S20**	MSD**2511S20**	MSD**2513S20**
4.0	MSD**2508S40**	MSD**2510S40**	MSD**2511S40**	MSD**2513S40**

D ø3.0

G/H \ L	8.5	10	11.5	13
				
2.0	MSD**3008S20**	MSD**3010S20**	MSD**3011S20**	MSD**3013S20**
4.0	MSD**3008S40**	MSD**3010S40**	MSD**3011S40**	MSD**3013S40**

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)

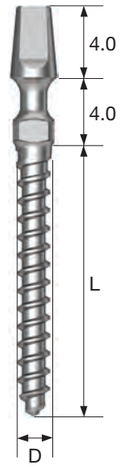
- Replication of the oral O-ring abutment in a working model

MSDLA

MS Implant Provisional 2008.07

Provisional

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



D Ø1.8

L	10	13	15
			
	MST**18104**	MST**18134**	MST**18154**

D Ø2.5

L	10	13	15
			
	MST**25104**	MST**25134**	MST**25154**

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

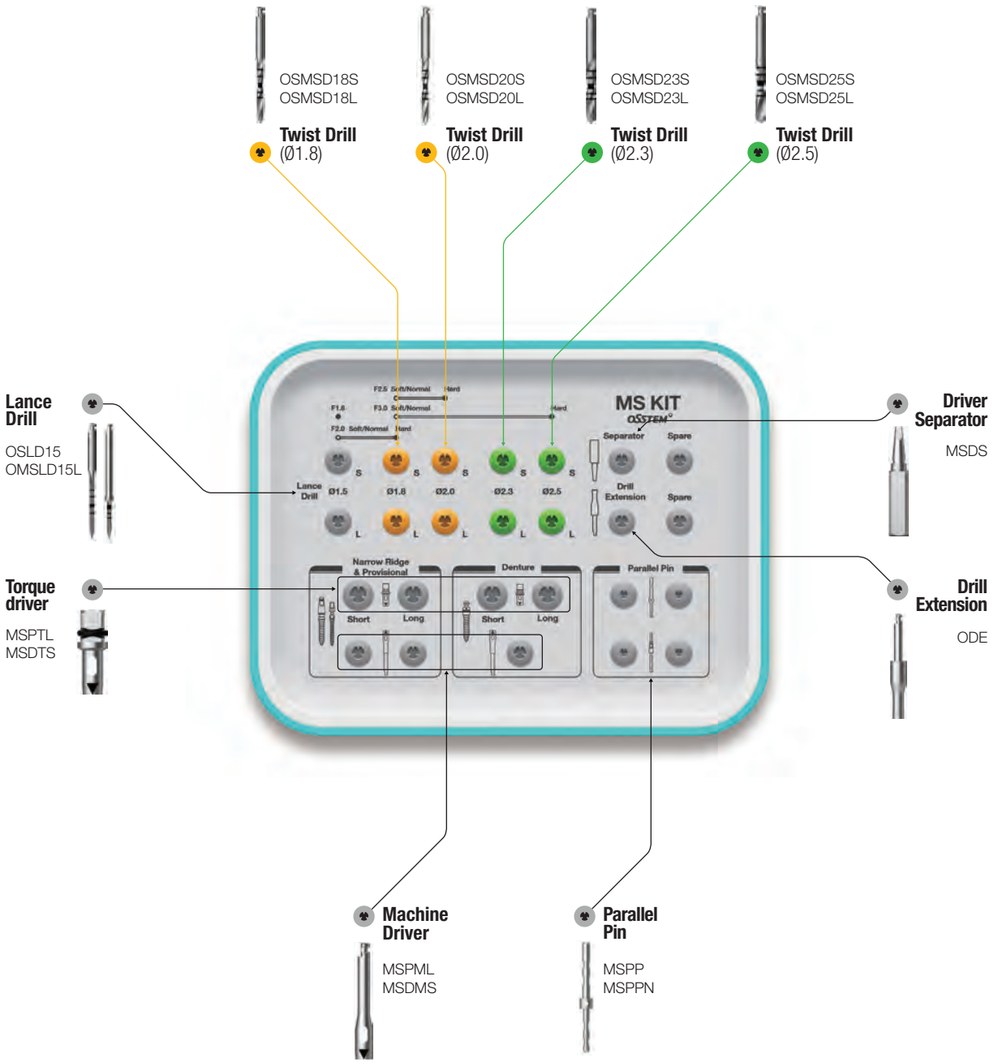
MS KIT (OMSK) 2016.12

Applicable Products MS

Bottom panel components

Depth Gauge
MSDG

Ratchet Wrench
CITQW-1185A



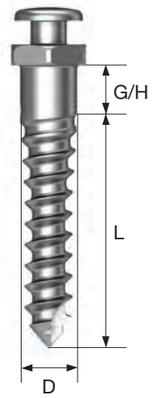
OS SYSTEM

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

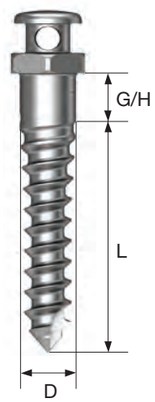
G/H \ L	6	8	10
			
1.5	OSSH1806	OSSH1808	OSSH1810
4.0	OSSH18064	-	-

OrthAnchor Through Hole

Through Hole

- Machined surface
- Material : Ti-6Al-4V
- D (through-hole) : Ø 0.8
- Connected component : arch wire(round), coil spring(Ø 2.5), power chain, elastic band

※ G/H 4.0 TYPE IS A MAKE-TO-ORDER PRODUCT.



D Ø1.2

G/H \ L	6	8	10
			
1.5	OSTH**1206**	OSTH**1208**	-

D Ø1.4

G/H \ L	6	8	10
			
1.5	OSTH**1406**	OSTH**1408**	-

D Ø1.6

G/H \ L	6	8	10
			
1.5	OSTH**1606**	OSTH**1608**	OSTH**1610**
4.0	OSTH**16064**	-	-

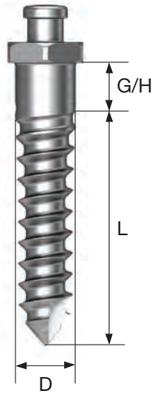
D Ø1.8

G/H \ L	6	8	10
			
1.5	OSTH**1806**	OSTH**1808**	OSTH**1810**
4.0	OSTH**18064**	-	-

OrthAnchor Small Head

Small Head

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



D Ø1.4

G/H \ L	6	8	10
1.5	OSSHS1406	OSSHS1408	-

D Ø1.6

G/H \ L	6	8	10
1.5	OSSHS1606	OSSHS1608	OSSHS1610

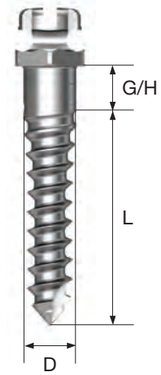
D Ø1.8

G/H \ L	6	8	10
1.5	OSSHS1806	OSSHS1808	OSSHS1810

OrthAnchor Bracket Head

Bracket Head

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



D Ø1.4

G/H \ L	6	8	10
1.5	OSBH1406	OSBH1408	-

D Ø1.6

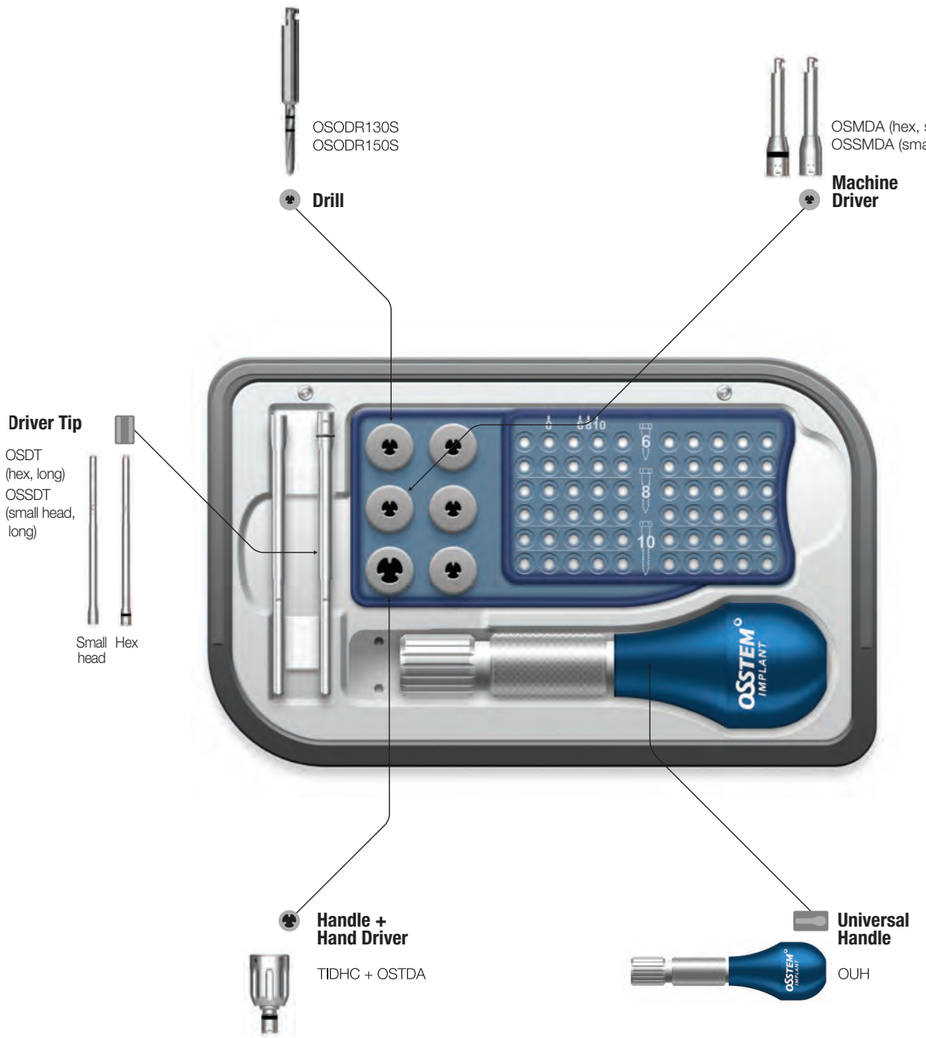
G/H \ L	6	8	10
1.5	OSBH1606	OSBH1608	OSBH1610

D Ø1.8

G/H \ L	6	8	10
1.5	OSBH1806	OSBH1808	OSBH1810

Ortho KIT (OOKS)

Applicable Products OS



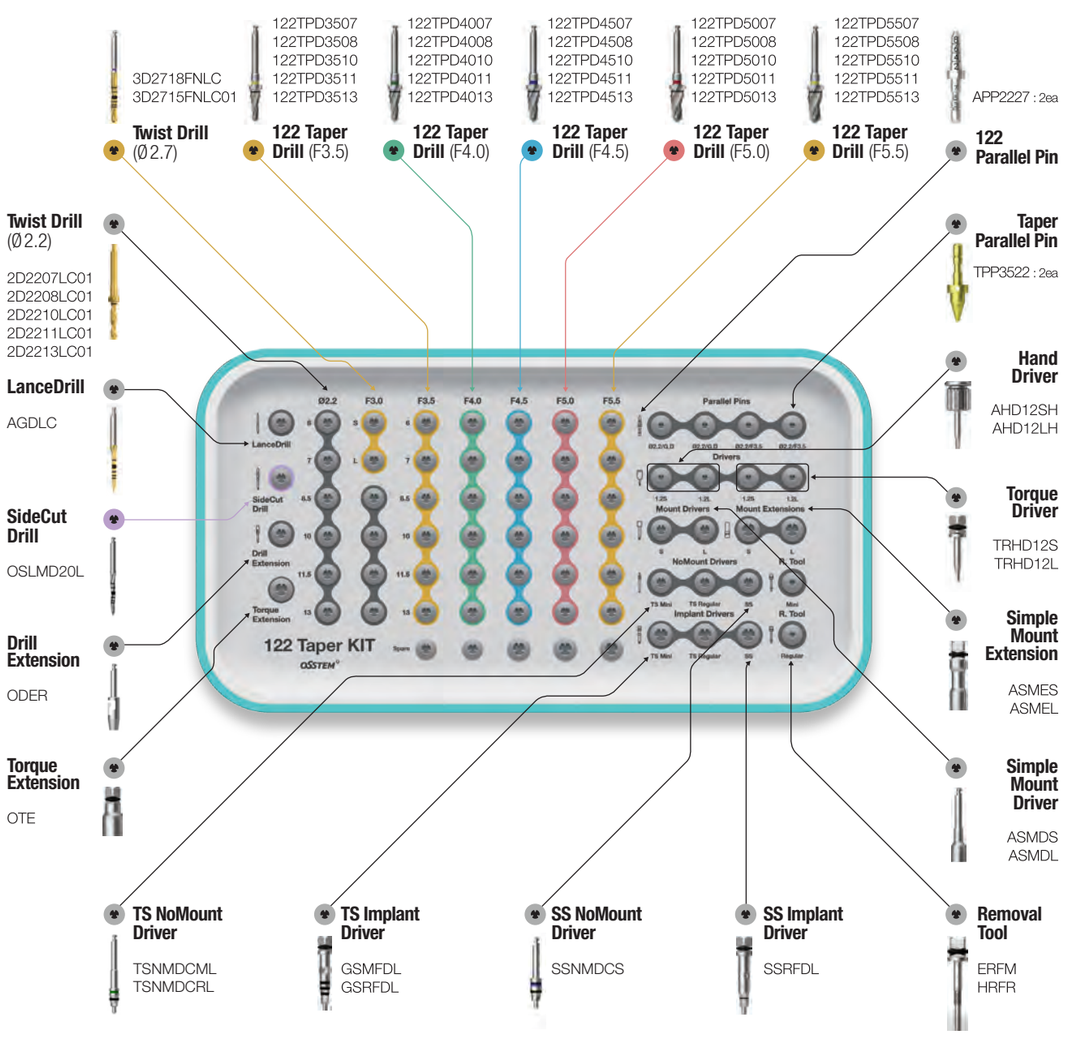
122 Taper KIT (O122TPK) RENEWAL 2021

Applicable Products TSIII / IV | KSIII | SSIII | USIII / IV

Top panel components

Torque Wrench
TW30B

Depth Gauge
OSDG



• More details on KIT components can be found in Surgical Instruments(390p~412p)

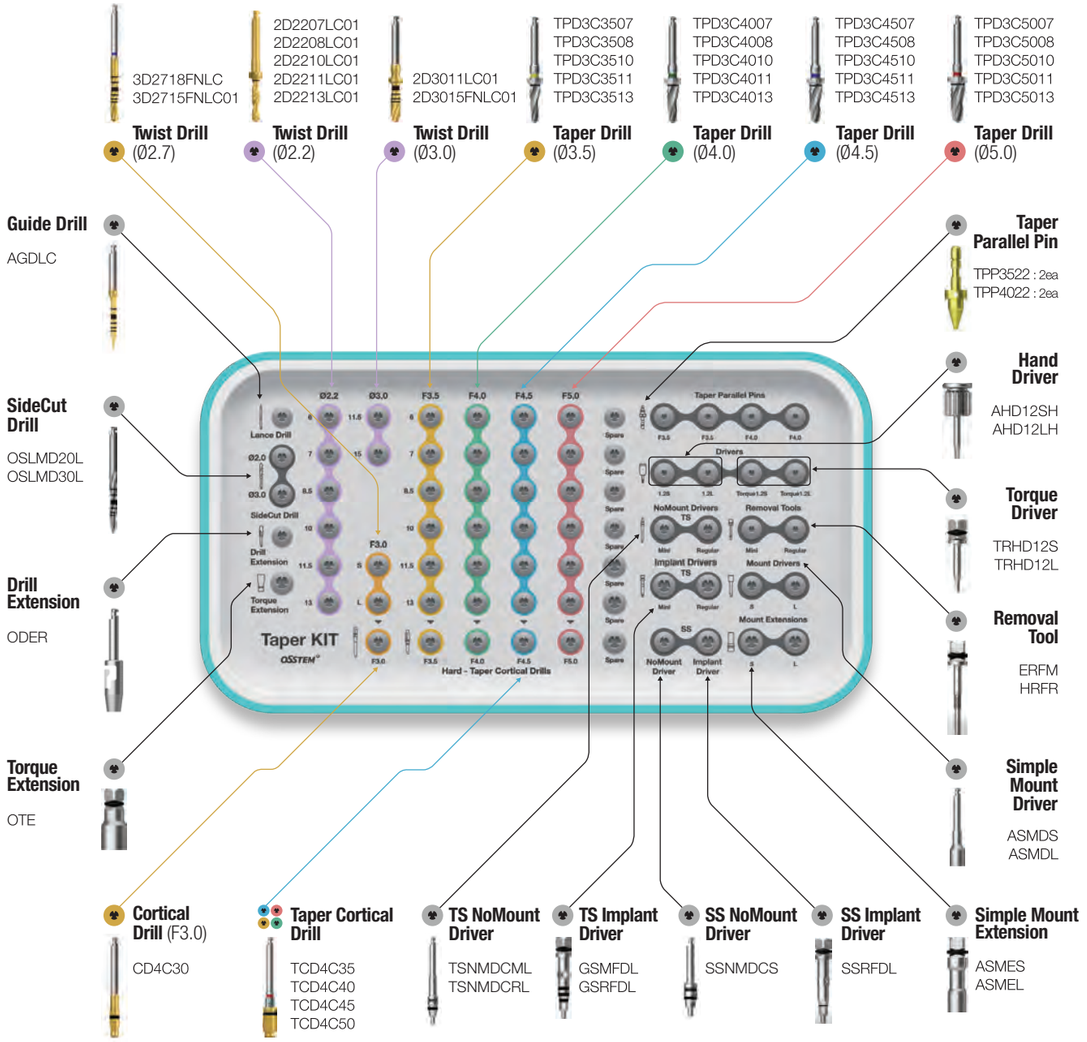
Taper KIT (OTSK) RENEWAL 2021

Applicable Products TSIII / IV | KSIII | SSIII | USIII / IV

Top panel components

Torque Wrench
TW30B

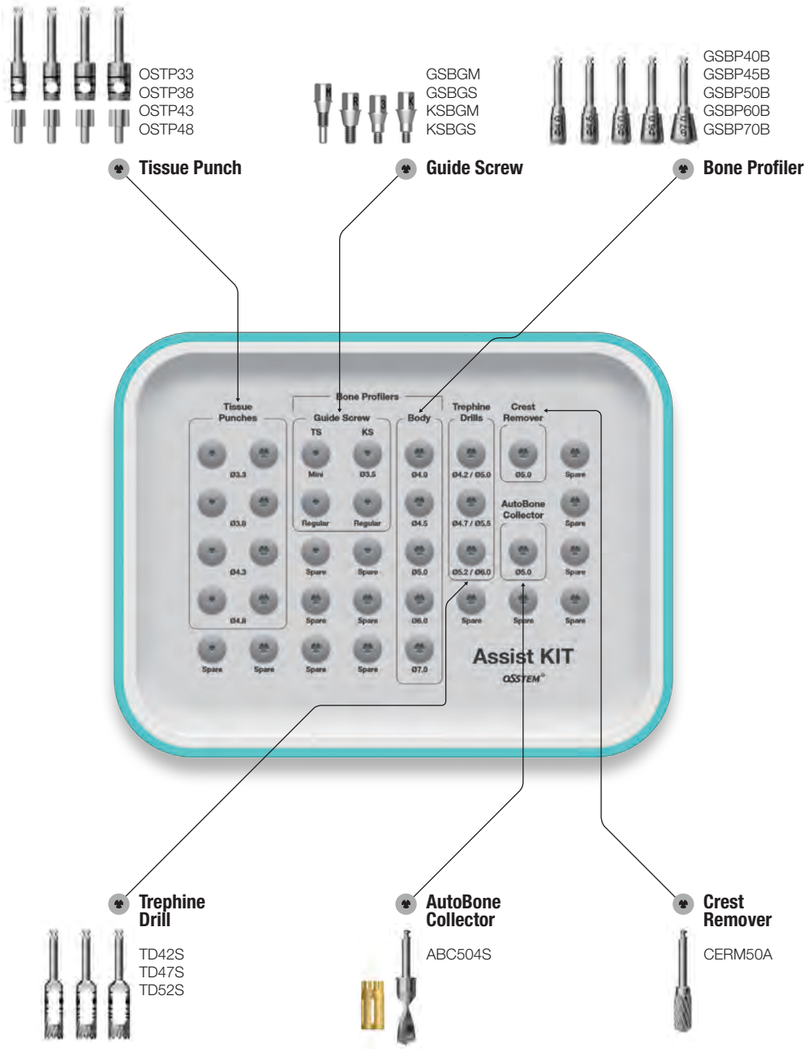
Depth Gauge
OSDG



• More details on KIT components can be found in Surgical Instruments (390p~412p)

Assist KIT (OAK) NEW 2020.10

- 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 (390p~412p)

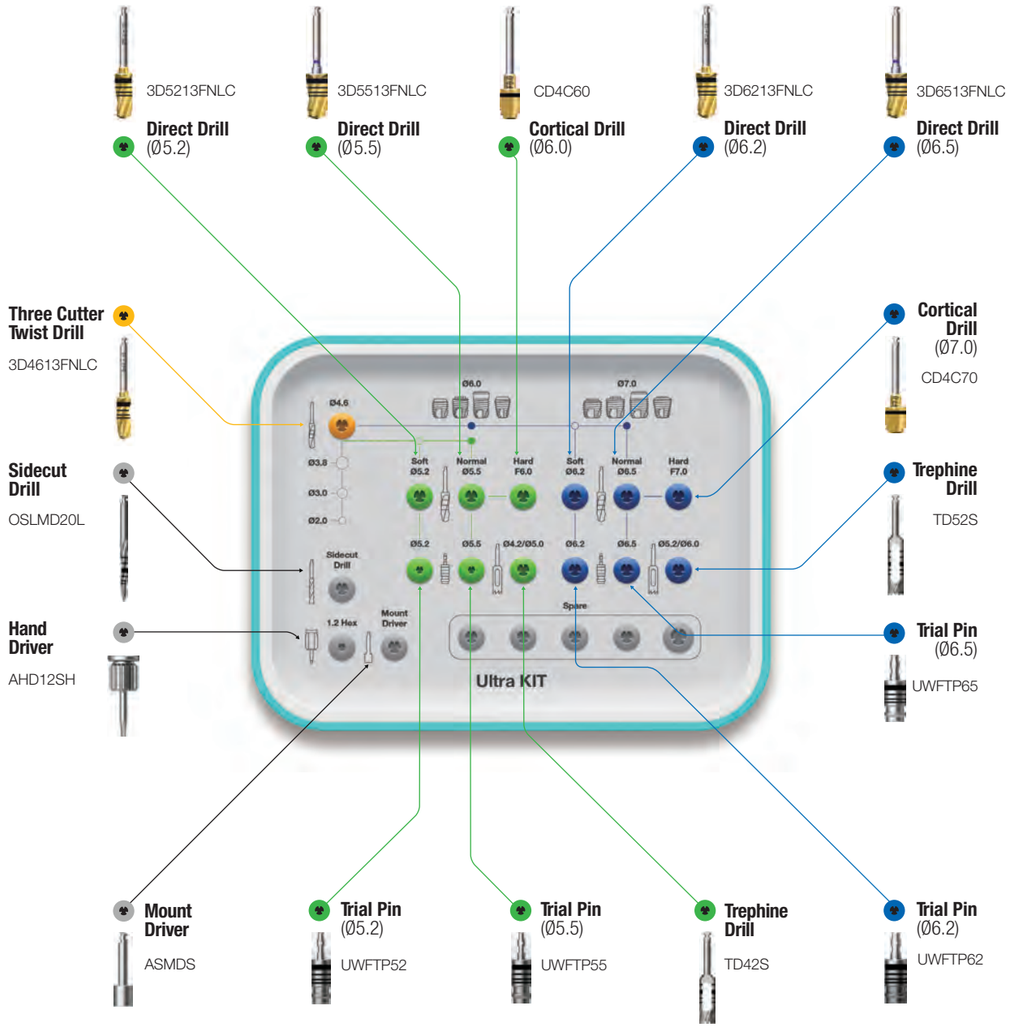
Ultra KIT (OUK) RENEWAL 2022

Applicable Products Ultra-wide

Top panel components

Open Wrench
ASOW

Ratchet Wrench
CITQW-1185A



- More details on KIT components can be found in Surgical Instruments (390p~412p)

485 KIT (O485K) RENEWAL 2021

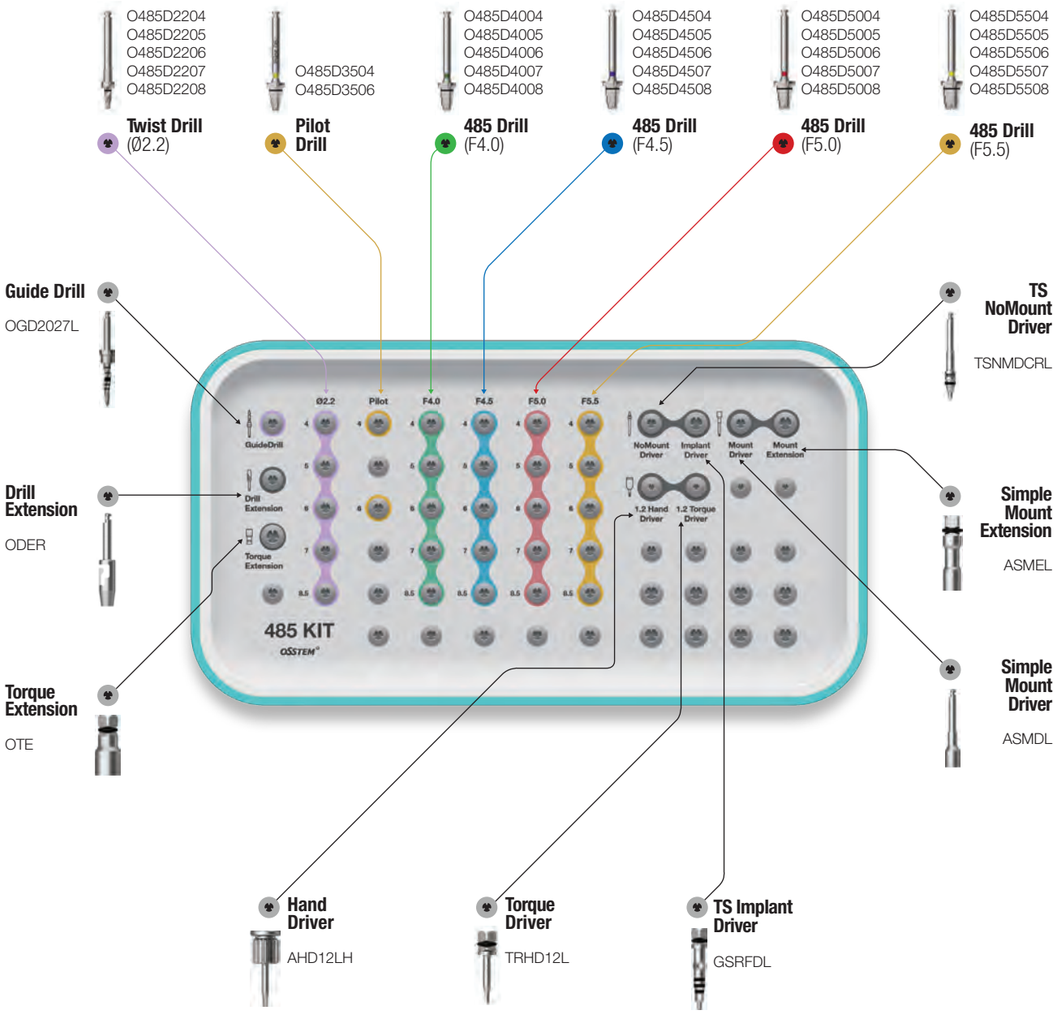
Applicable Products

TSIII | KSIII | SSIII | USIII

Top panel components

Torque Wrench
TW30B

Depth Gauge
OSDG

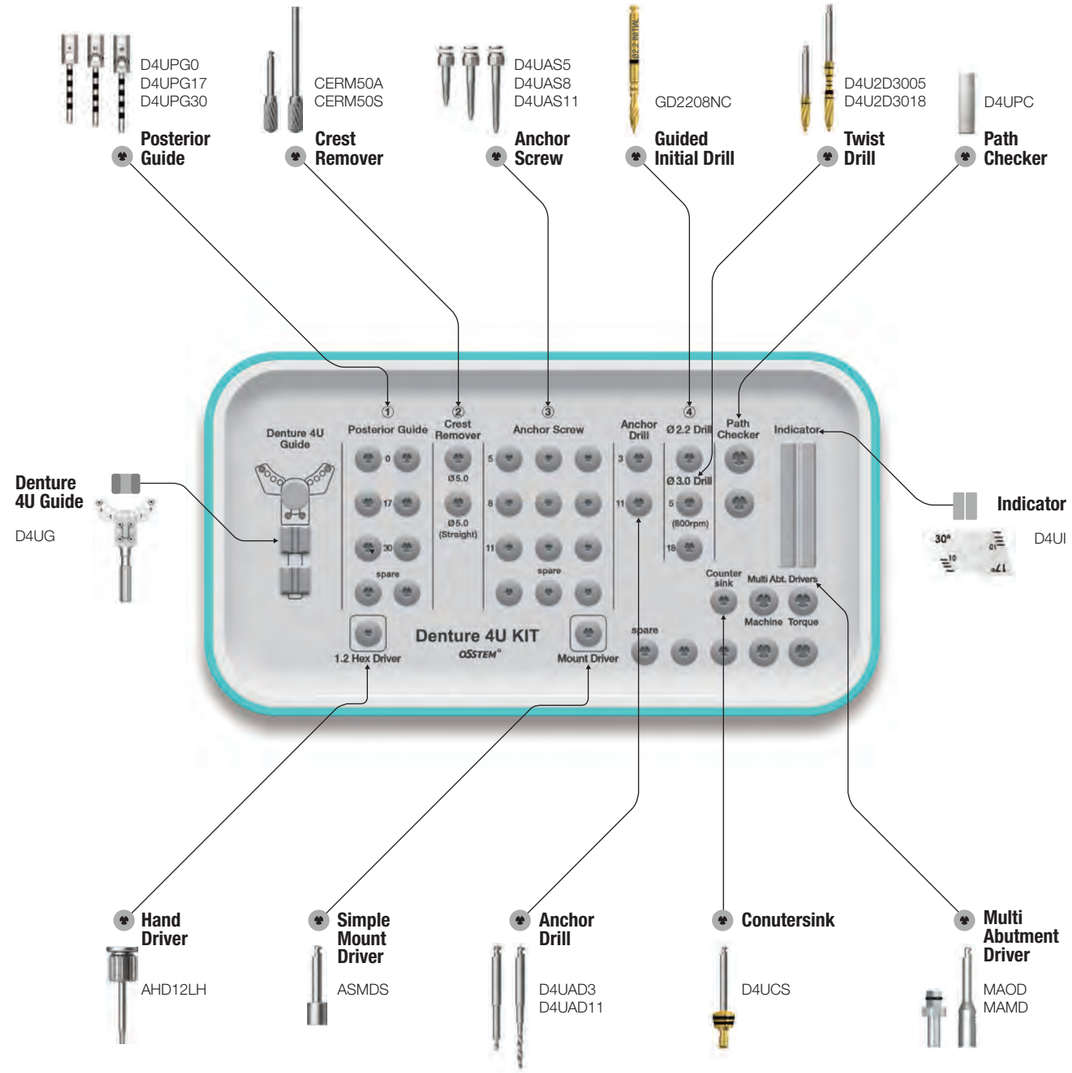


• More details on KIT components can be found in Surgical Instruments (390p~412p)

Denture 4U KIT (OD4UK) NEW 2021

Applicable Products

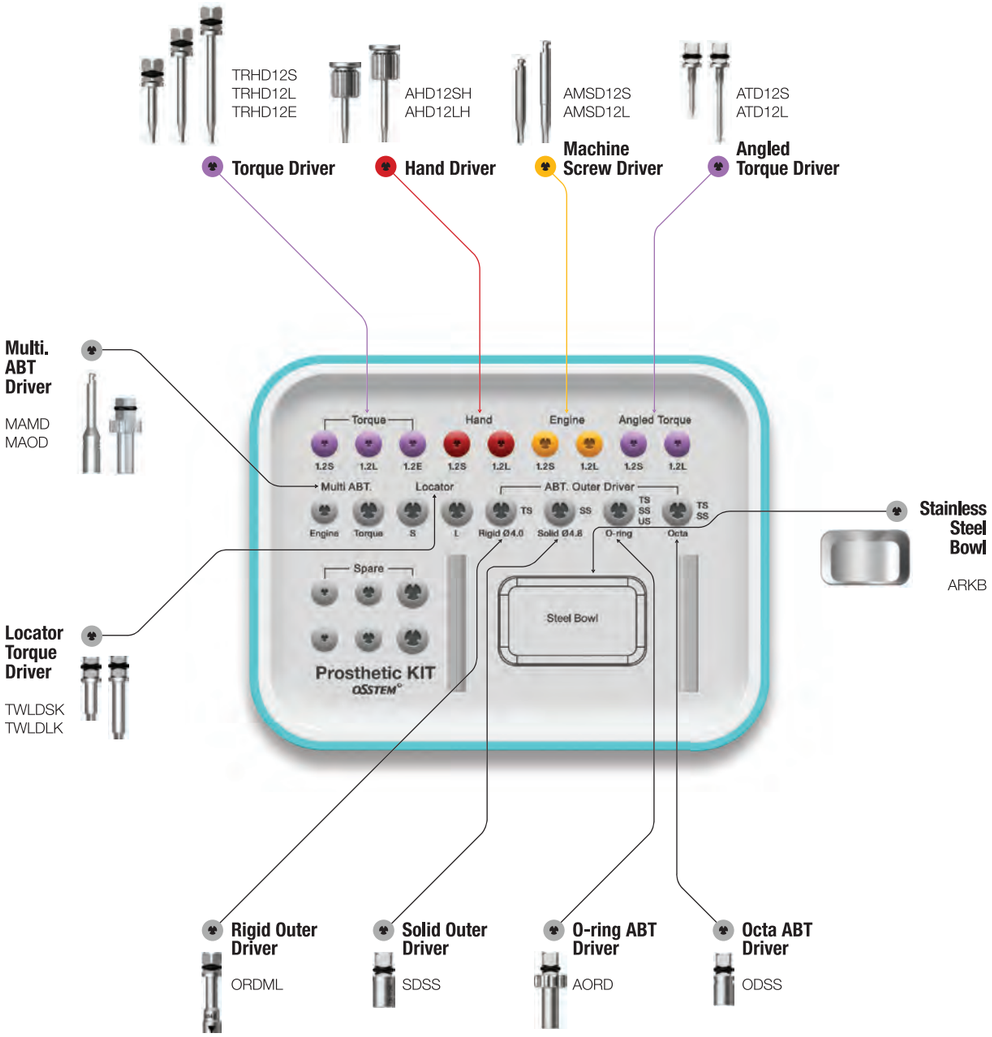
TSII / III | USII / III



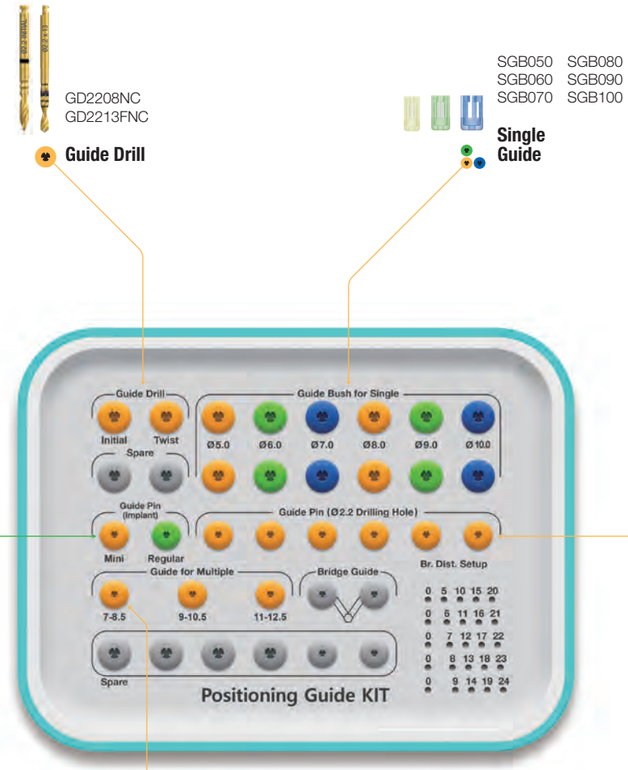
Prosthetic KIT (OPK) 2018.05

Top panel components

Torque Wrench
TW30B



Positioning Guide KIT (OPGPK) RENEWAL 2022



CAS KIT (OCRSNK) RENEWAL 2021

Applicable Products

TSIII / IV | KSIII | SSIII | USIII / IV

Top panel components

Hydraulic Membrane Lifter Tube
OSNMT

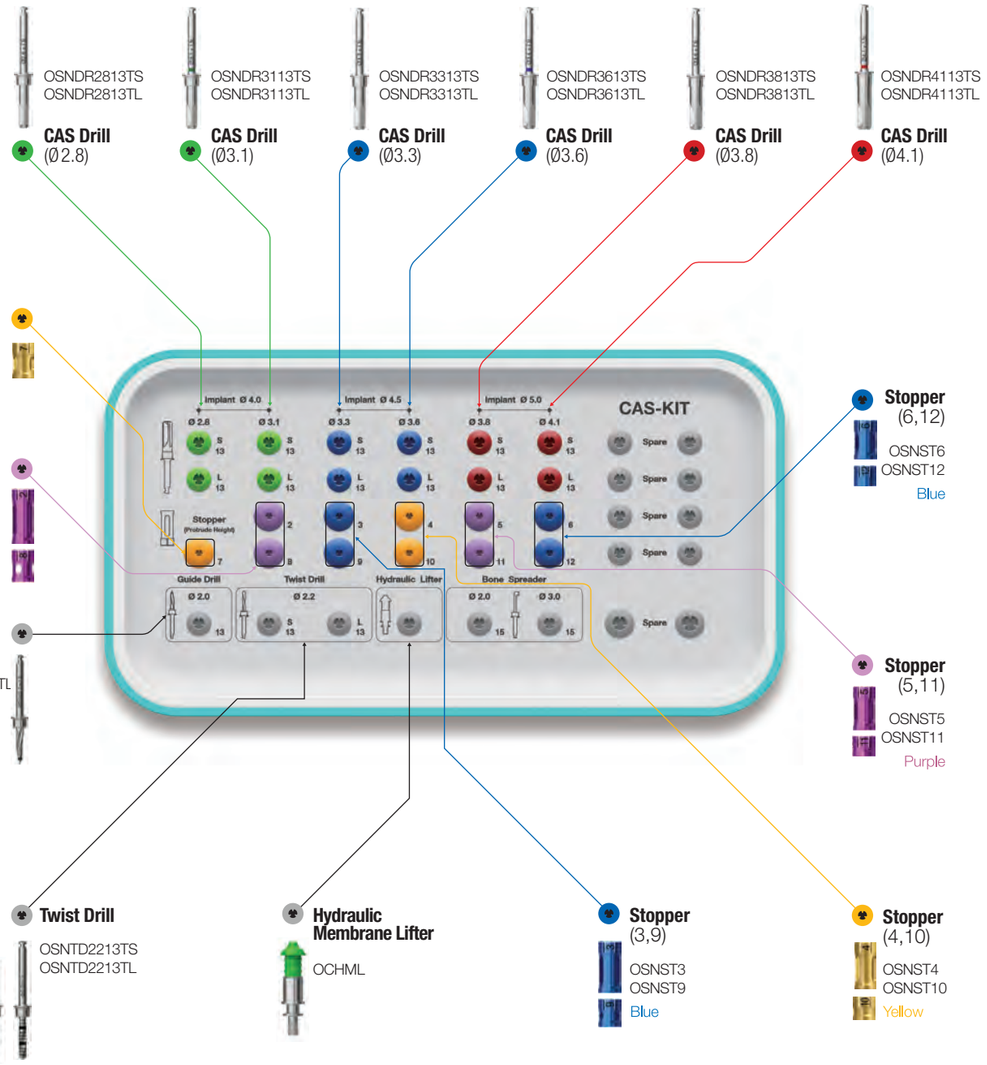
Depth Gauge
OSNDG

Lower panel components

Bone Carrier Head
OSNBCH30

Bone Carrier
OSNBCS35C

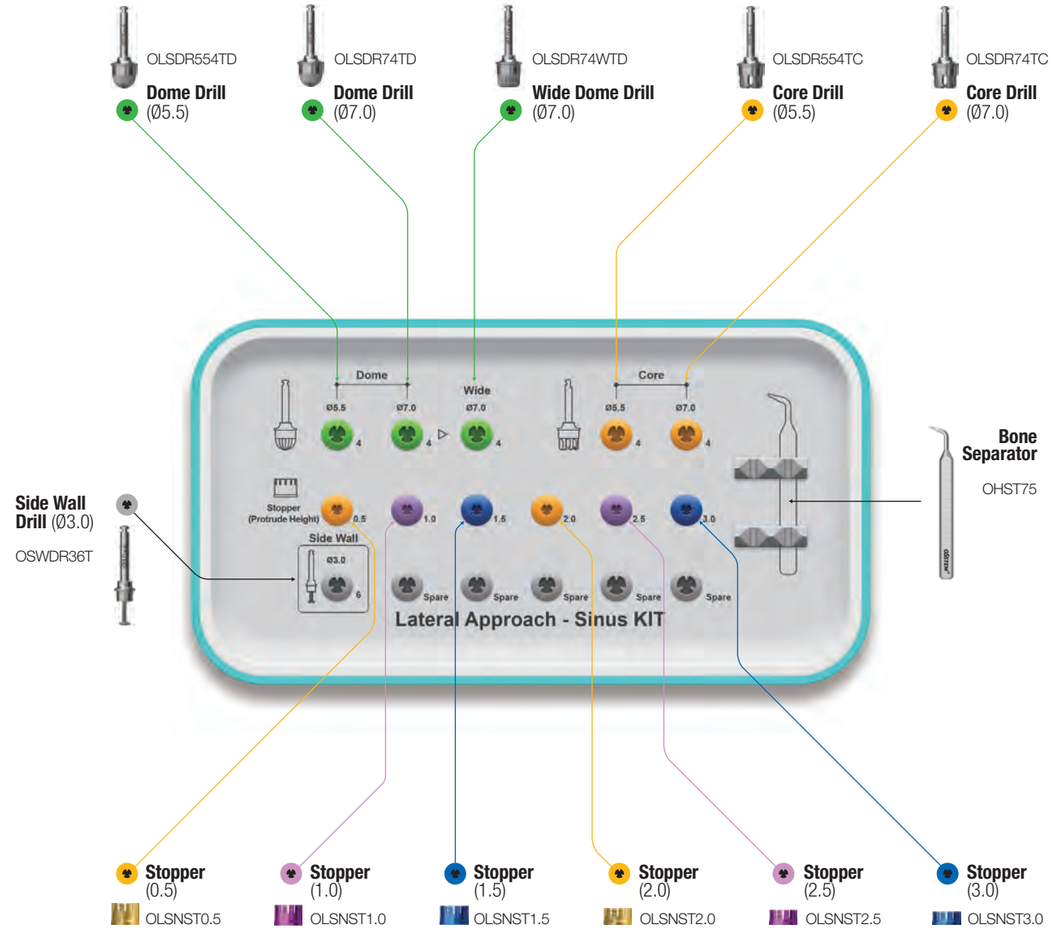
Bone Condenser
OSNBC1120



• For ordering codes of single item of CAS KIT, see 425~428 Page

LAS KIT (OLRSNK) RENEWAL 2021

• Lateral Approach - Sinus KIT (LAS KIT) : KIT optimized for latera oach 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 witho ane



• For ordering codes of single items of LAS KIT, see pages 432-433

ESSET KIT (OESEK) RENEWAL 2022

Applicable Products TSII / III | KSIII | SSII / III | USII / III

Lower panel components

Torque Wrench
TW30BC

Depth Gauge
OSDGC

Ø5.0 OCERM50A
Ø5.0 OCERM50S
Ø7.0 OCERM70A

Crest Remover

O2D1808LC01
O2D1810LC01
O2D1811LC01

Twist Drill

OSAW070
OSAW100
OSAW130

Saw

EXP Mount Driver

OAESMDS
OAESMDL

Mount Extension

ASMEL

Expansion Drill

OEXP162808
OEXP162810
OEXP162811

Expansion Drill

OEXP223608
OEXP223610
OEXP223611

Expansion Drill (2ea)

OEXP284408
OEXP284410
OEXP284411

Expansion Drill (2ea)

OEXP324708
OEXP324710
OEXP324711

• For ordering codes of single items of ESSET KIT, see pages 449-451

SmartGuide KIT (OSGK) 2015.12

Lower panel components

Guide Pin (4ea)
SGP22

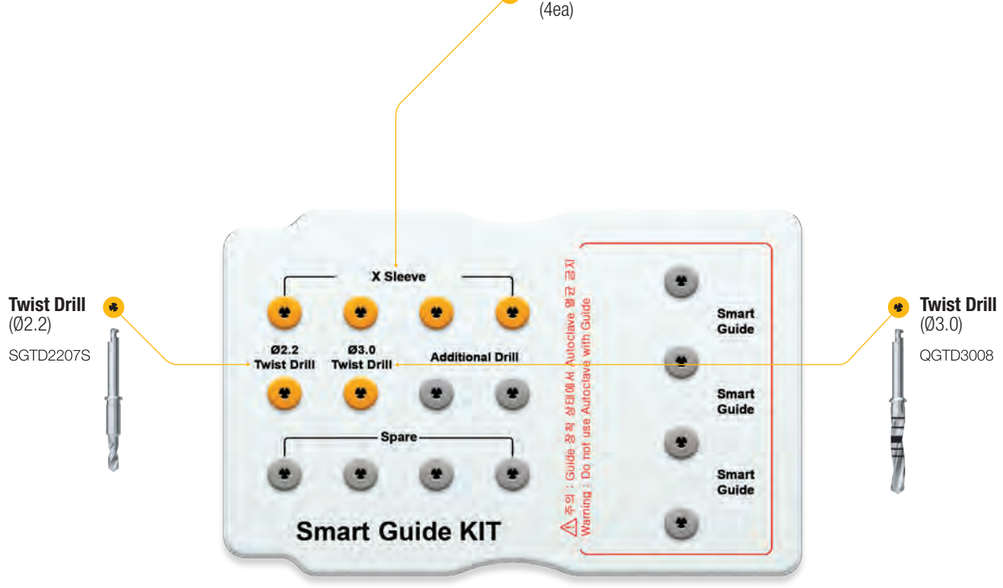
Round bur (2ea)
RAHM1018

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

SGCB30S

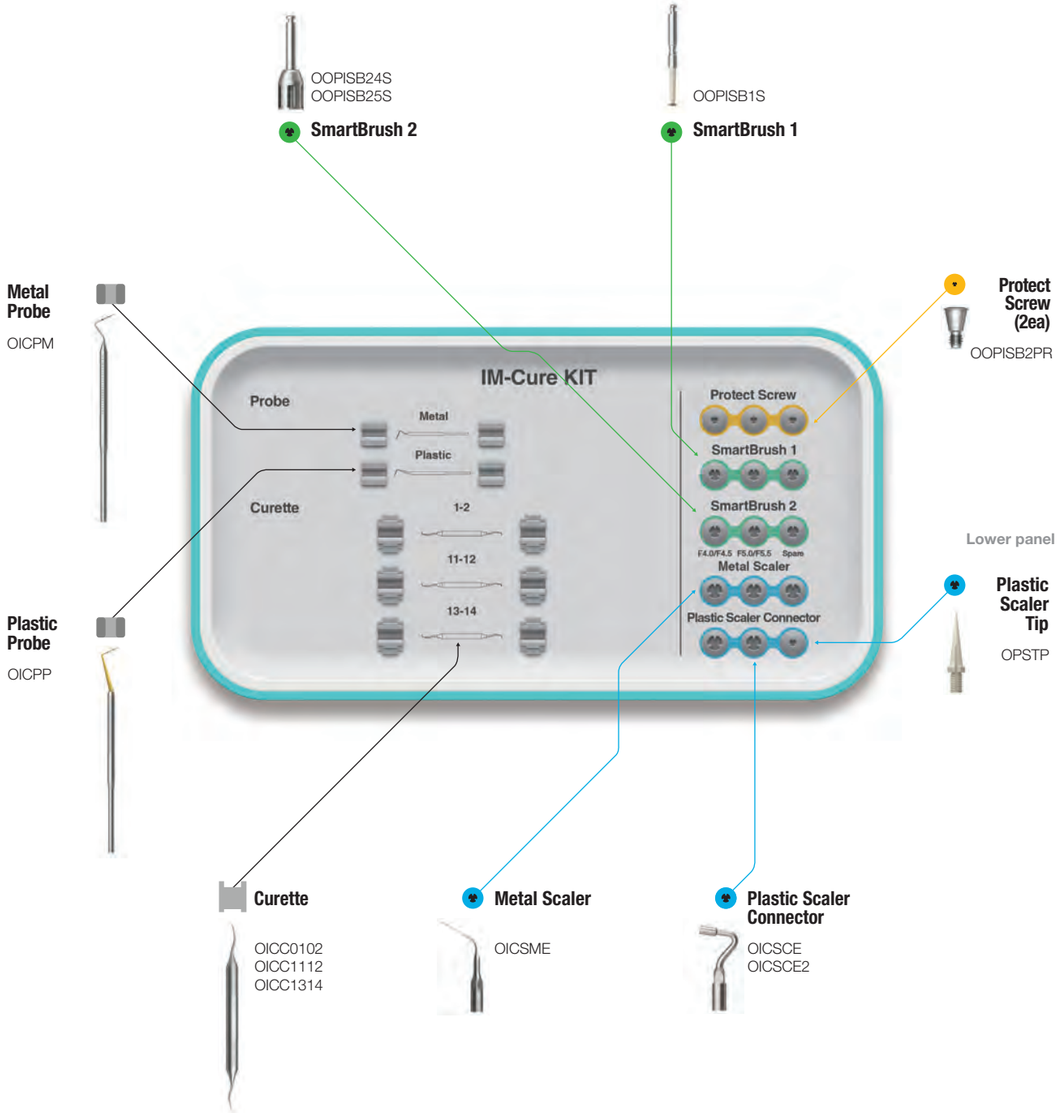
X Sleeve
(4ea)

Twist Drill
(Ø2.2)
SGTD2207S



Twist Drill
(Ø3.0)
QGTD3008

IM-Cure KIT (OICK) RENEWAL 2021



• For ordering codes of single items of IM-Cure KIT, see pages 453-455

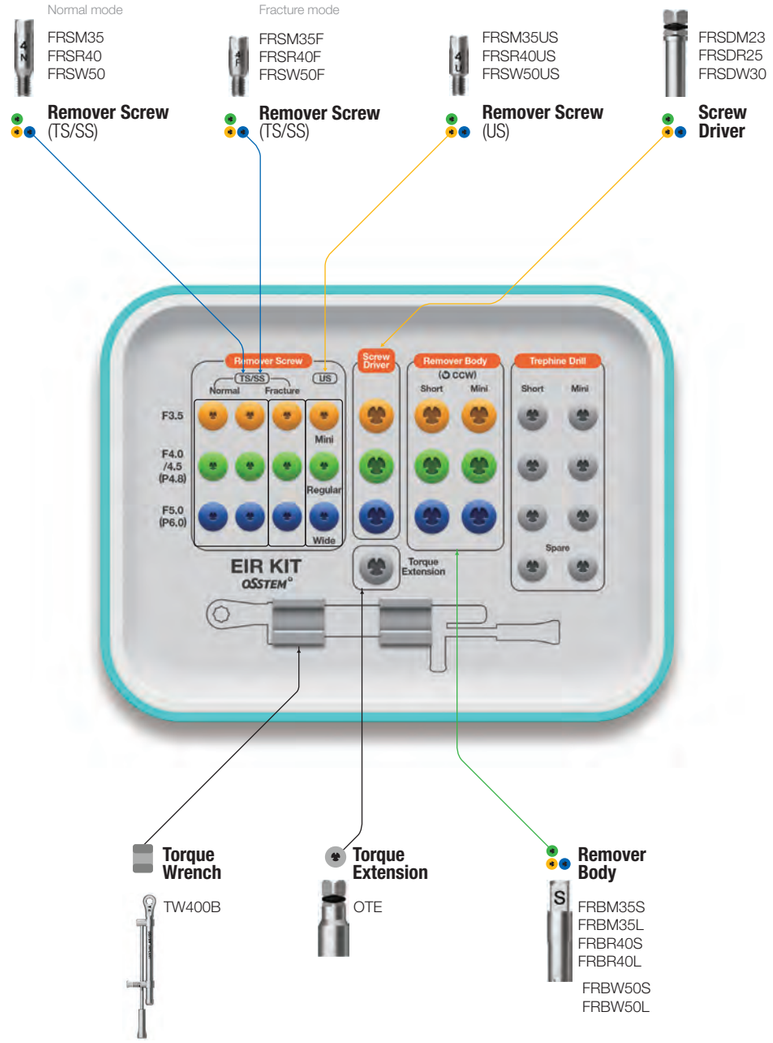
EIR KIT Easy Implant Removal KIT (OSFRK) RENEWAL 2022

Applicable Products

TSII / III | KSIII | SSII / III | USII / III | Ultra-wide

Top panel components

Implant Wrench
FRDFE

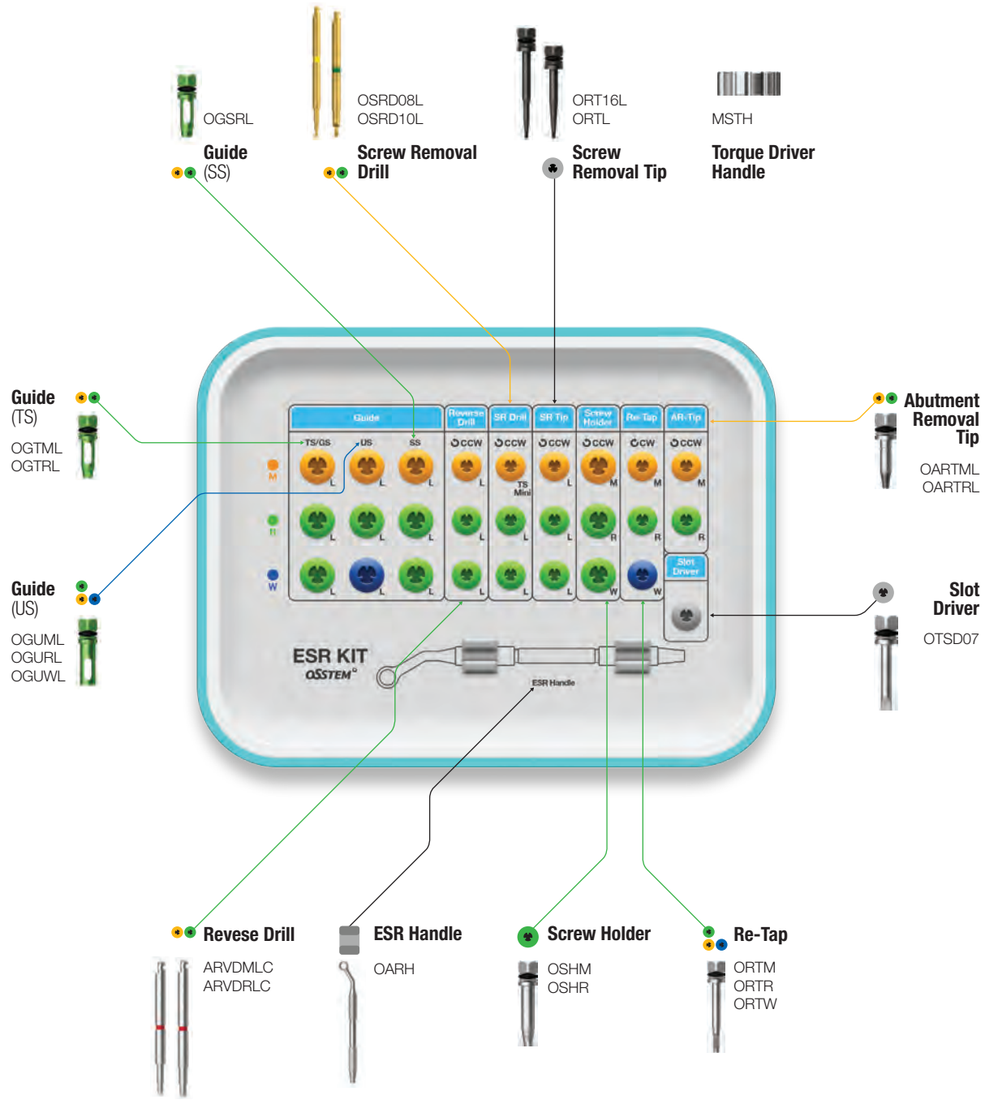


Torque Wrench
TW400B

Torque Extension
OTE

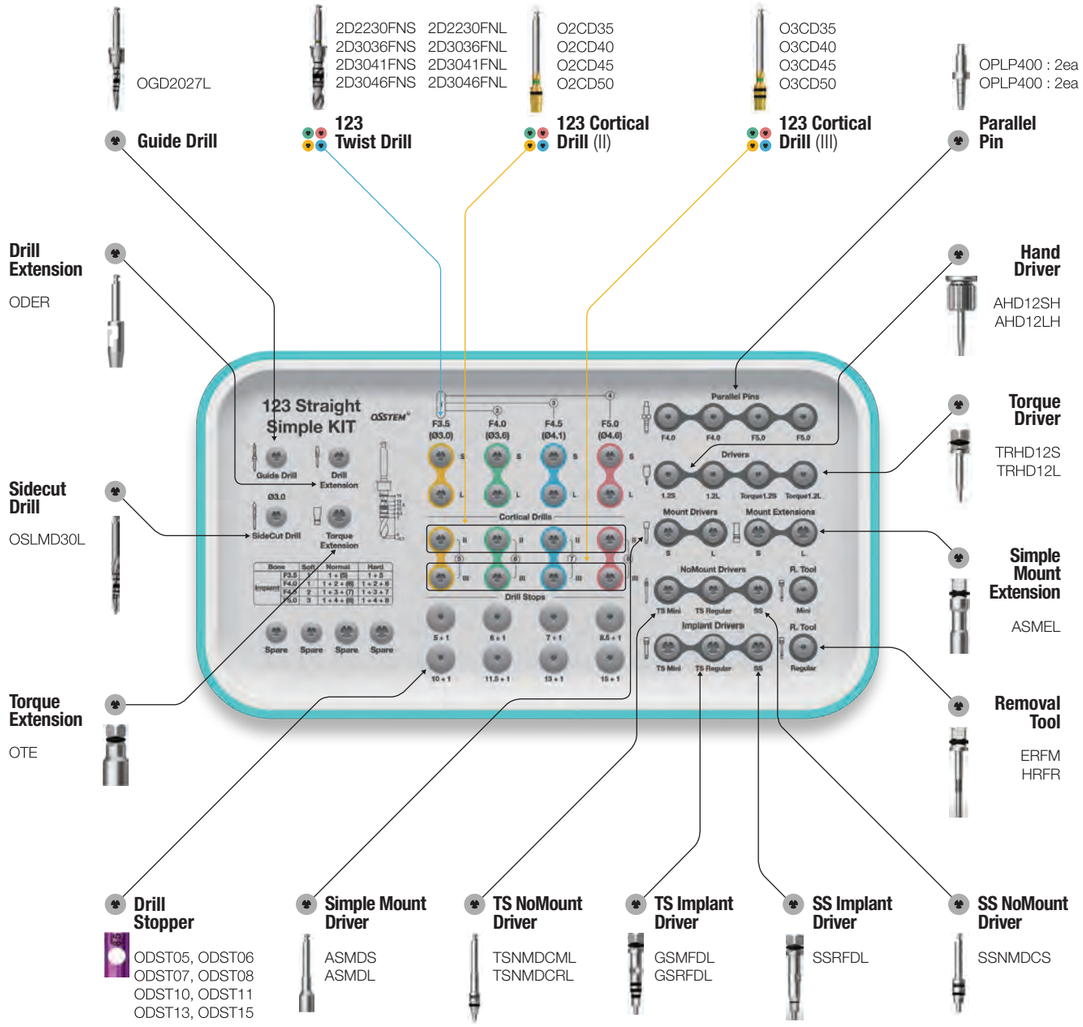
Remover Body
FRBM35S
FRBM35L
FRBR40S
FRBR40L
FRBW50S
FRBW50L

ESR KIT Easy Screw Removal KIT (OESRK)



123 Straight Simple KIT (O123K)

TSII / III | KSIII | SSII / III | USII / III



Osstem Basic Instrument KIT (OBKIT) 2017.11

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

Periosteal Elevator (24G)

- Lifting mucosal periosteum after gingival tissue incision

EP24G-W

Pouch

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

PA-W
WPA-W

Scalpel Handle (Flat Type)

Needle Holder

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

Mirror

Chisel

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

Titanium Suction Tip

- D (inner diameter): 3.0mm

SN3TI-W

Hemostats

- Mosquito (curved)
- L : 130mm (±5)

Tissue Forcep ADSON

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

T42-W
PT42-W

Dr. Cho's Instrument KIT (DCHOKIT) 2017.11

- 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
EP24G-W

Minesota Retractor

Extension Hose Adapter

- Adapter for chair suction connection

SNKHA-W
SNKHA-W

Needle Holder (Crile-Wood, TC)

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

Periosteal Elevator (Selden)

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

EP23-W
EP23-W

Ochsenbein Chisel

Tissue Forcep (ADSON)

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

T41-W
PT41-W

Extension Hose

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

SNKHS-W
SNKHS-W

Dr.Cho's Instrument Pouch

- Used for storing and sterilization of instruments

WPB-W

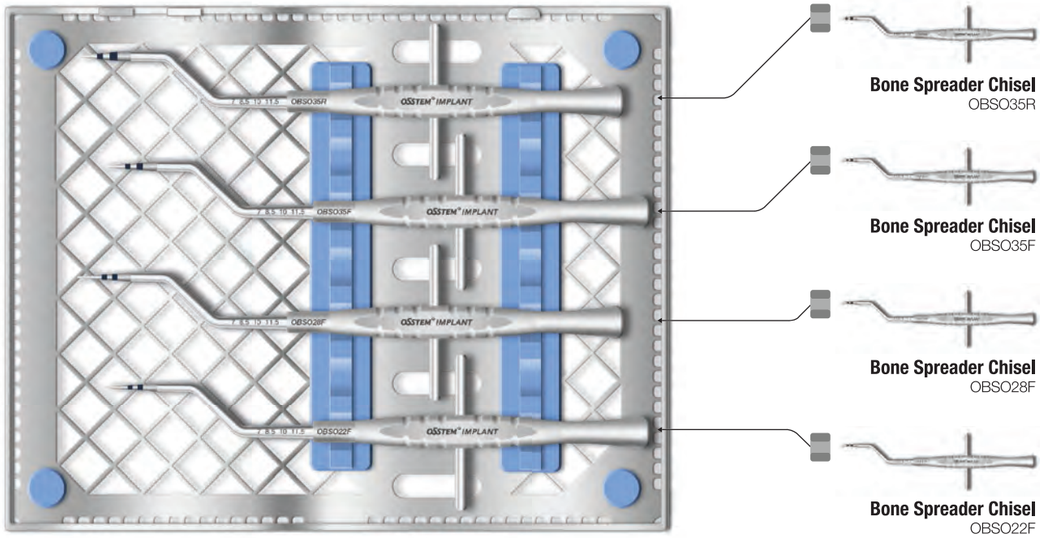
Titanium Suction Tip

- D (inner diameter): 3.0mm

SN3TI-W
SN3TI-W

Bone Spreader KIT (OBSOK) 2009.01

- 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

Ridge Split KIT Straight (ORSSK) 2009.01

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

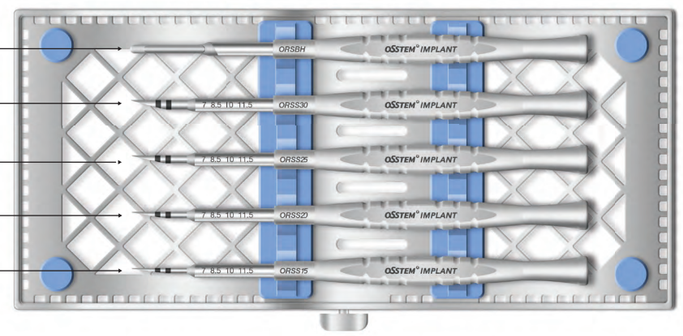
Blade Holder
ORSBH

Ridge Split Chisel
ORSS30

Ridge Split Chisel
ORSS25

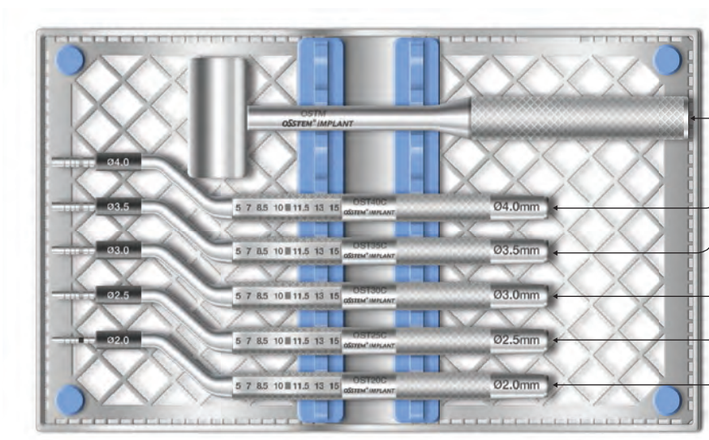
Ridge Split Chisel
ORSS20

Ridge Split Chisel
ORSS15



Osteotome KIT (AOST) 2011.09

- 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



Mallet
OSTM

Concave Type (Ø4.0)
OST40CA

Concave Type (Ø3.5)
OST35CA

Concave Type (Ø3.0)
OST30CA

Concave Type (Ø2.5)
OST25CA

Concave Type (Ø2.0)
OST20CA

Sinus KIT (ASLK) 2009.01

- 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

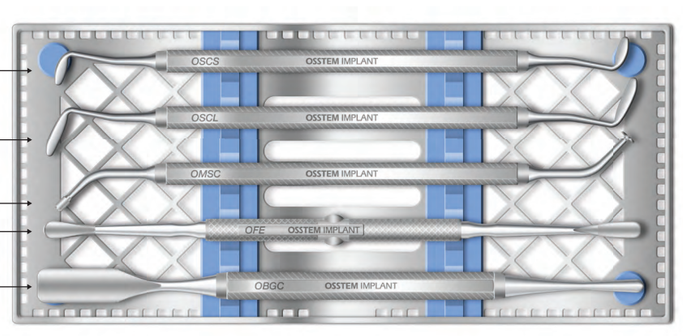
Sinus Currette : Short
OSCS

Sinus Currette : Long
OSCL

Membrane Separator (Circle Type)
OMSC

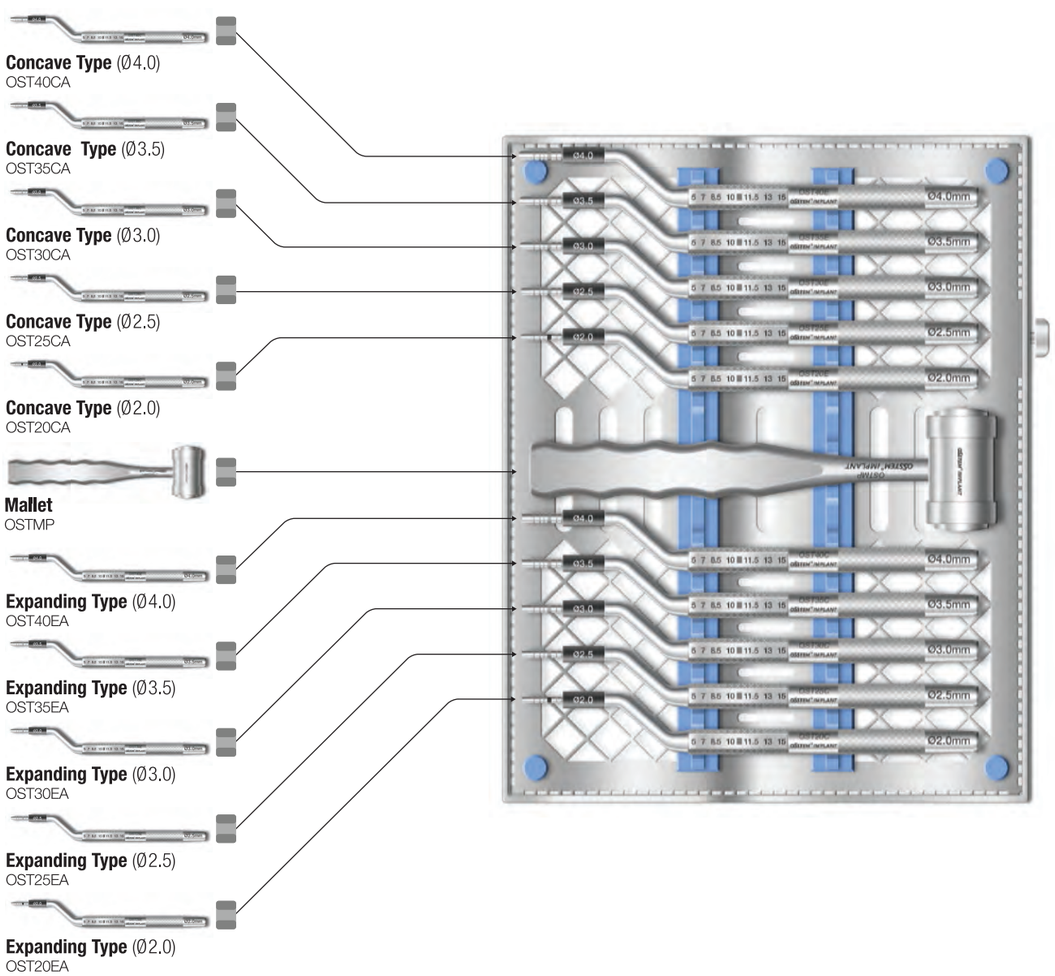
Freer Elevator
OFE

Bone Graft Carrier
OBGC



Osteo KIT (OSTK) 2009.01

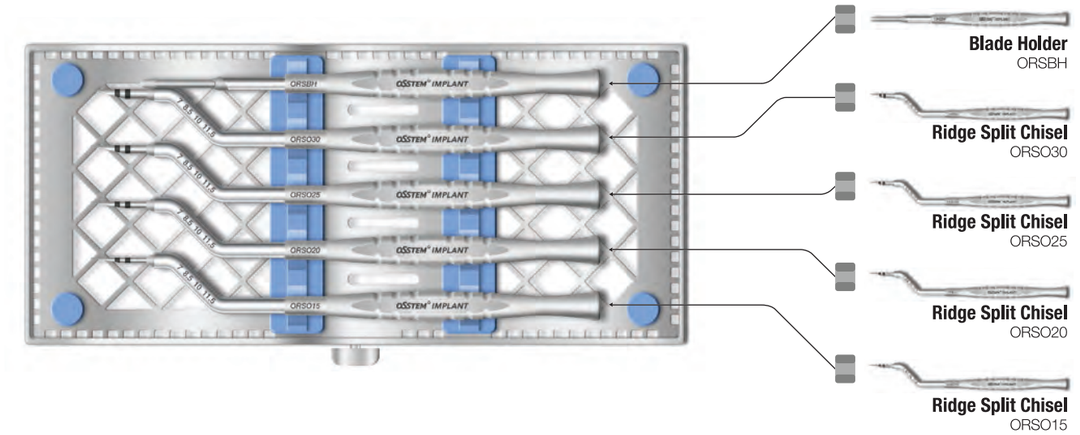
- Concave osteotome : 상악구치부에서 이용 가능한 치조골 골량을 수직 증대하기 위해 상악동저 거상술에 사용하는 KIT
- Expanding osteotome : 낮은 골질에서 골을 삭제하는 대신 보존하면서 골소주를 치밀하게 하여 임플란트 초기 고정력 증대를 위해 사용하는 KIT
- 시술 깊이 조절을 위한 stopper 구현



Ridge Split KIT Offset (ORSOK) 2009.01

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



OneGuide KIT (OOGK) RENEWAL 2020

Applicable Products

TSIII / IV | KSIII | SSIII | USIII / IV

OneGuide

- Sleeveless type : 2 types,
  - Open type can be used egion wit limited opening
- Metal sleeve type : Only
  - 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

Top panel components

Torque Wrench
TW30B

Depth Gauge
OSDG

OGTCD4507
OGTCD4510
Taper Cortical Drill (F4.5)

OGFD52WC
Flattening Drill(W)

OGTP40WC
Tissue Punch(W)

OGSD3007WC
OGSD3013WC
Path Drill (W)

OGID2206IWC
Initial Drill (W)

OGTCD5007WC
OGTCD5010WC
Taper Cortical Drill (W) (F5.0)

AHD12LH
Hand Driver

TRHD12L
Torque Driver

Initial Drill
OGID2206I

Initial Drill (F3.5 Soft)
OGID2206II

Tissue Punch
OGTP35R

Flattening Drill
OGFD45

Path Drill
OGSD2507
OGSD2513

OneGuide Drill (F3.5) (Ø 2.2)
OGTD2207
OGTD2208
OGTD2210
OGTD2211
OGTD2213

Torque Extension
OTE

NoMount Driver
OGNMDM50
OGNMDR50
OGNMDR57

Implant Driver
OGFDM50
OGFDR50
OGFDR57

Anchor Driver
ASMDS

Anchor Drill
QGATD13

Anchor Screw
QGAS18

Drill Extension
ODE

OneGuide Drill (F3.5)
OGTPD3507
OGTPD3508
OGTPD3510
OGTPD3511
OGTPD3513

OneGuide Drill (F4.0)
OGTPD4007
OGTPD4008
OGTPD4010
OGTPD4011
OGTPD4013

OneGuide Drill (F4.5)
OGTPD4507
OGTPD4508
OGTPD4510
OGTPD4511
OGTPD4513

OneGuide Drill (W)(F3.5)
OGTPD3507WC
OGTPD3508WC
OGTPD3510WC
OGTPD3511WC
OGTPD3513WC

OneGuide Drill (W)(F4.5)
OGTPD4507WC
OGTPD4508WC
OGTPD4510WC
OGTPD4511WC
OGTPD4513WC

OneGuide Drill (W)(F5.0)
OGTPD5007WC
OGTPD5008WC
OGTPD5010WC
OGTPD5011WC
OGTPD5013WC

OneCAS KIT (OOCK) RENEWAL 2020

Applicable Products

TSII / III | KSIII | SSII / III | USII / III

Bottom panel components

Bone Carrier Head
OCBCH32, OCBCH37W

Top panel components

Depth Gauge
OCDG

Depth Gaug
OCDGW

Bone Carrier
OCBCS30

Bone Condenser
SNBC1114

Hydraulic ube
SNMT

OGFD45
Flattening Drill

OCD2207
OCD2210
Twist Drill (Ø2.2)

OCD2807
OCD2810
OneCAS Drill (Ø2.8)

OCD3107
OCD3110
OneCAS Drill (Ø3.1)

OCD3307
OCD3310
OneCAS Drill (Ø3.3)

OCD3607
OCD3610
OneCAS Drill (Ø3.6)

Stopper
OCDS01
OCDS04
OCDS07
Yellow

Stopper
OCDS02
OCDS05
OCDS08
Purple

Stopper
OCDS03
OCDS06
OCDS09
Blue

Stopper(W)
OCDS02W
OCDS05W
OCDS08W
Purple

Stopper(W)
OCDS01W
OCDS04W
OCDS07W
Yellow

Stopper(W)
OCDS03W
OCDS06W
OCDS09W
Blue

OneCAS Hydraulic Membrane Lifter
OCHML

Flattening Drill (W)
OGFD52WC

Twist Drill (W) (Ø2.2)
OCD2207WC
OCD2210WC

OneCAS Drill (W) (Ø2.8)
OCD2807WC
OCD2810WC

OneCAS Drill (W) (Ø3.1)
OCD3107WC
OCD3110WC

OneCAS Hydraulic Membrane Lifter(W)
OCHMLW

OneCAS Drill (W) (Ø3.8)
OCD3807WC
OCD3810WC

OneCAS Drill (W) (Ø4.1)
OCD4107WC
OCD4110WC

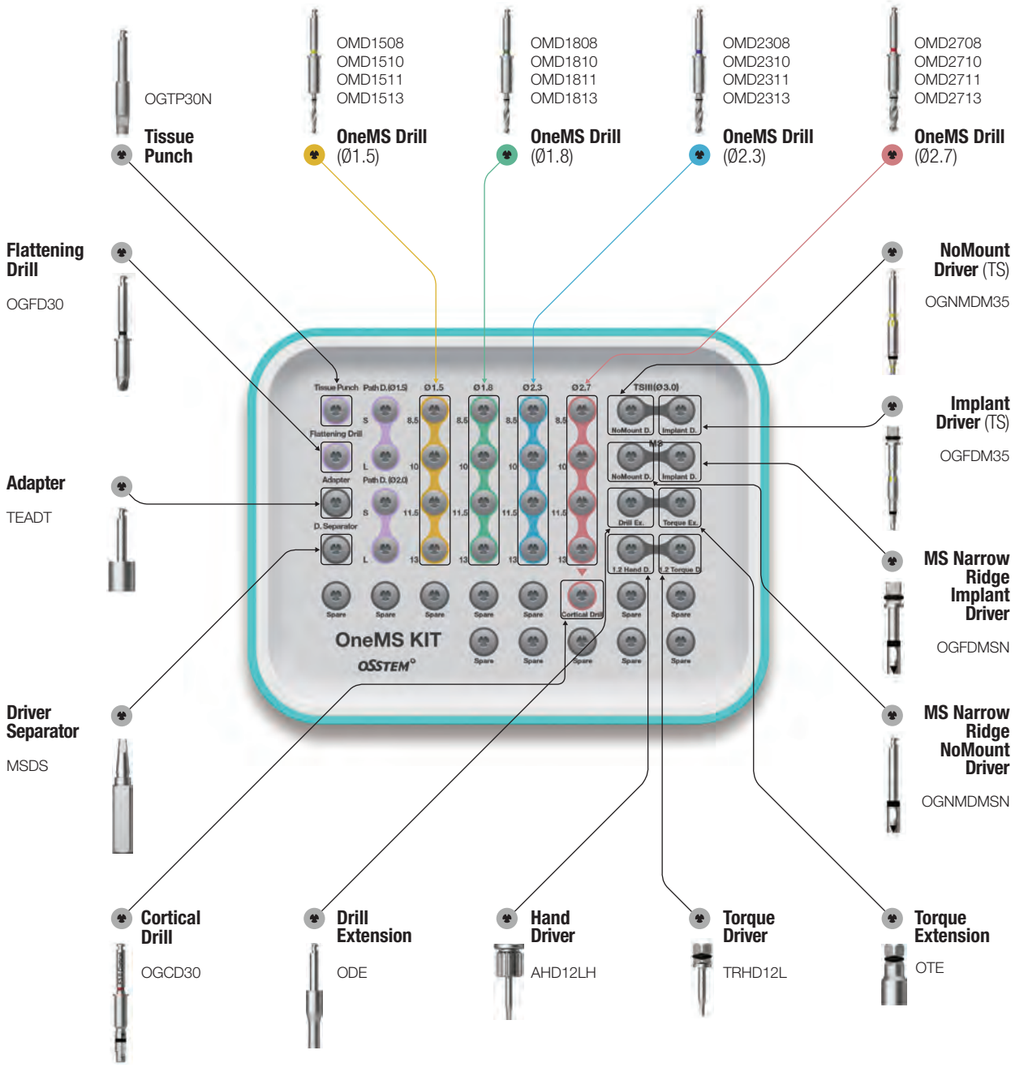
OneMS KIT (OOMSK) 2018.07

Applicable Products TSIII Ø3.0 KSIII Ø3.0 MS

Top panel components

Torque Wrench
TW30B

Depth Gauge
MSDG



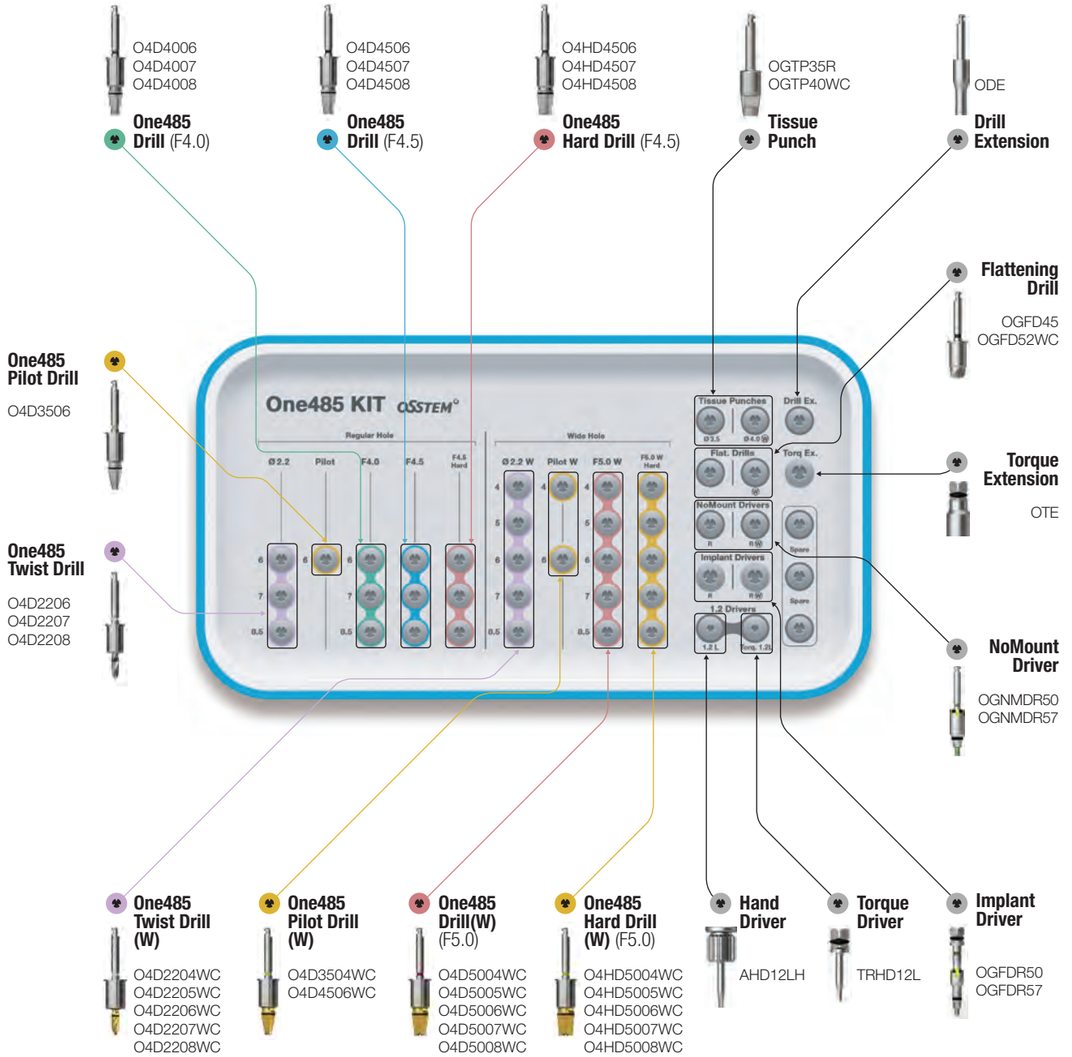
One485 KIT (OO485K) NEW 2020

Applicable Products TSIII KSIII SSIII USIII

Top panel components

Torque Wrench
TW30B

Depth Gauge
OSDG



GBR & DENTAL MATERIAL

Allograft

SureOss (FDBA)

- FDBA (Freeze-dried Bone Allograft)
- 100% allograft cortical bone
- Excellent biocompatibility
- Particle size
  - Powder : 200~850㎛
  - Chip : 850~1,500㎛
- Manufacturer: Hans Biomed Corp., South Korea

CC	Powder
0.25	POWDER**025**
0.5	POWDER**05**
1.0	POWDER**10**

CC	Chip
0.25	CHIP**025**
0.5	CHIP**05**
1.0	CHIP**10**

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)		BAS**01**
0.25 (0.5cc)		BAS**02**
0.5 (1.0cc)		BAS**05**
1.0 (2.0cc)		BAS**10**
2.0 (4.0cc)		BAS**20**

g	P	1.0~2.0mm
0.1 (0.3cc)		BAL**01**
0.25 (0.75cc)		BAL**02**
0.5 (1.5cc)		BAL**05**
1.0 (3.0cc)		BAL**10**
2.0 (6.0cc)		BAL**20**

Synthetic graft

Q-Oss+

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

g \ P	0.5~1.0mm
0.1 (0.2cc)	BQ+S**01**
0.25 (0.4cc)	BQ+S**02**
0.5 (0.8cc)	BQ+S**05**
1.0 (1.5cc)	BQ+S**10**
2.0 (3.0cc)	BQ+S**20**

g \ P	1.0~2.0mm
0.1 (0.2cc)	BQ+L**01**
0.25 (0.5cc)	BQ+L**02**
0.5 (1.0cc)	BQ+L**05**
1.0 (2.0cc)	BQ+L**10**
2.0 (4.0cc)	BQ+L**20**

Resorbable membrane Collagen

OssGuide

- Porcine collagen
- Excellent tensile strength (cross-linked collagen)
- Enhanced user convenience, excellent adhesion and stability
- Manufacturer: Hyundai Bioland Co., Ltd., South Korea
- T = Thickness

mm \ T	0.2mm
15 × 20	TG-**1**
20 × 30	TG-**2**
30 × 40	TG-**3**

Resorbable membrane Collagen

NEW 2021.08

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
15 × 20	OCMS**1520**
20 × 30	OCMS**2030**
30 × 40	OCMS**3040**

NEW 2021.08

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

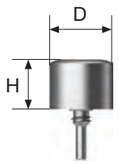
mm \ T	0.35mm
15 × 20	OCMH**1520**
20 × 30	OCMH**2030**
30 × 40	OCMH**3040**

Builder Type Components

Healing Cap (KS, TS) 2015.04

- Non-submerged procedure
- Compatible with OB2 and OB3
- Tightened with a 0.9 hex hand drive
- Recommended tightening torque : 5~8Ncm

※ Disposable. Do not reuse

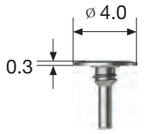


D \ H	3.0	4.0
ø4.0	SBHC**4030**	SBHC**4040**
ø5.0	SBHC**5030**	SBHC**5040**

Cover Cap (KS, TS) 2015.04

- Submerged procedure
- Compatible with OB2 and OB3
- Tightened with a 0.9 hex hand drive
- Recommended tightening torque : 5~8Ncm

※ Disposable. Do not reuse

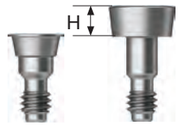


D \ H	0.3
ø4.0	SBCC4000

OB Anchor (TS) 2015.04

- 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



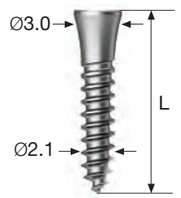
C \ H	0	0.5	1.0	1.5	2.0	2.5	3.0
Mini	SBAC**3500TSM**	SBAC**3505TSM**	SBAC**3510TSM**	SBAC**3515TSM**	SBAC**3520TSM**	SBAC**3525TSM**	SBAC**3530TSM**
Regular	SBAC**4000TSR**	SBAC**4005TSR**	SBAC**4010TSR**	SBAC**4015TSR**	SBAC**4020TSR**	SBAC**4025TSR**	SBAC**4030TSR**

Tenting Screw

Internal Type 2016.01

- 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
	SBS20**08I**	SBS20**10I**	SBS20**11I**	SBS20**13I**

Builder Type

OssBuilder®

- 3D pre-formed design with no trimming/bending required
  - 3D pre-formed titanium mesh to fit the geometry of bone defect
  - Available in various sizes
- Mesh type membrane with no risk of exposure
  - Non-wrinkling membrane with 3D pre-formed design
  - The builder is anchored to the implant by screws to secure bone graft material and builder firmly in place
- Excellent bone regeneration
  - Pores formed throughout the builder to facilitate blood flow
- Options available for non-submerged or submerged types as needed
  - Non-submerged surgery with healing cap
  - Submerged surgery with a cover cap
- Concurrent procedure of implant placement + GBR : healing cap or cover cap + OssBuilder + OB anchor + implant
- Narrow or insufficient residual bone: healing cap or cover cap + OssBuilder + tenting screw

※ Disposable. Do not reuse

☑ **SMART 3D Design**

☑ **SMART Handling**

☑ **SMART Covering**

☑ **SMART Conduction**

☑ **SMART Healing**

OB2
Lateral Builder

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

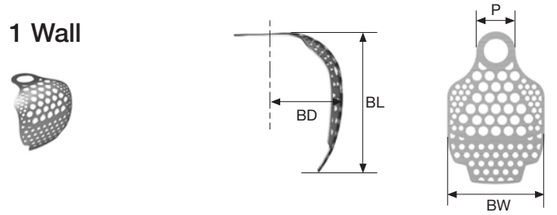
OB3
Jaw Builder

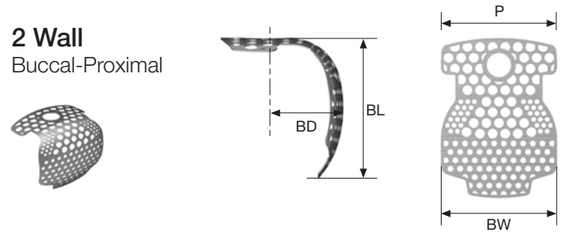
Titanium membrane capable of ridge augmentation (vertical/horizontal) up to 5~10mm for severely atrophic alveolar ridge

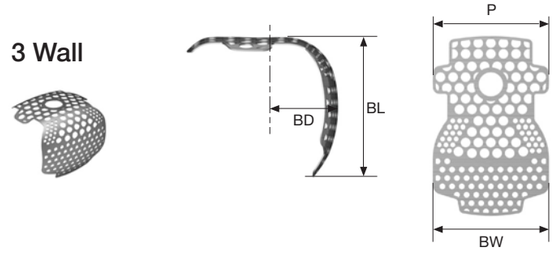
OB2 Lateral Builder RENEWAL 2021.12

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

Augmentation	P	BW	BL	BD	
1 Wall	4	8	7	5.5	SM1W**487SB**
	4	10	7	5.5	SM1W**4107SB**
	4	10	9	5.5	SM1W**4109SB**
2 Wall Buccal-Proximal	7	9	7	5.5	SM2W**797SB**
	7	9	9	5.5	SM2W**799SB**
	10	12	7	5.5	SM2W**10127SB**
	10	12	9	5.5	SM2W**10129SB**
	12	12	7	5.5	SM2W**12127SB**
	12	12	9	5.5	SM2W**12129SB**
3 Wall	7	9	7	5.5	SM3W**797SB**
	7	9	9	5.5	SM3W**799SB**
	10	12	7	5.5	SM3W**10127SB**
	10	12	9	5.5	SM3W**10129SB**
	12	12	7	5.5	SM3W**12127SB**
	12	12	9	5.5	SM3W**12129SB**



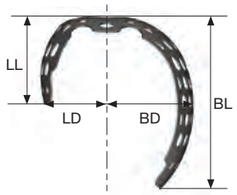
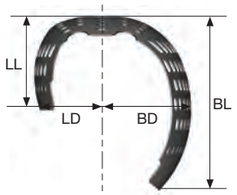
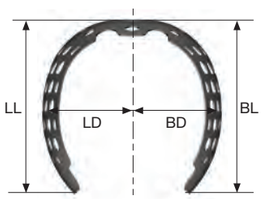
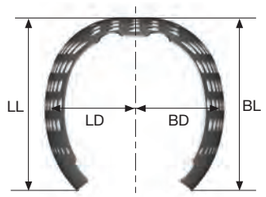




Builder Type

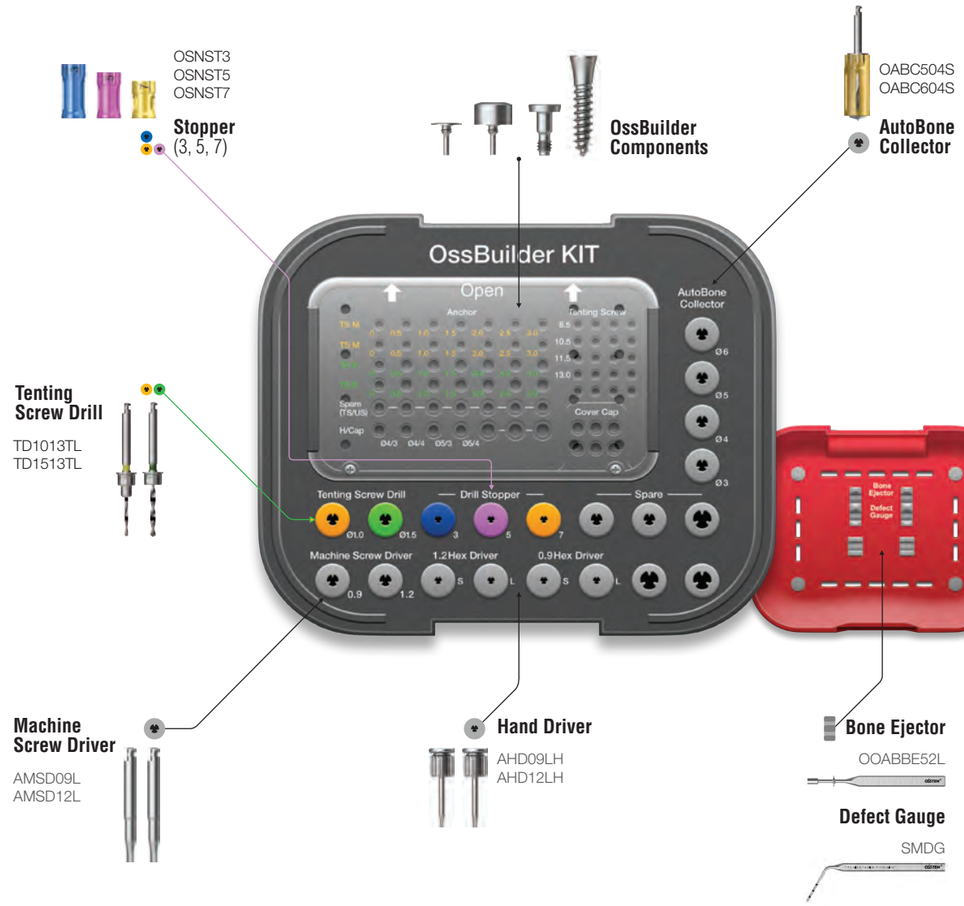
BW = Buccal Width
BL = Buccal Length
LL = Lingual Length
BD = Buccal Distance
LD = Lingual Distance

OB3 Jaw Builder

Augmentation	BW	BL	LL	BD	LD	
Horizontal						
	10	7	3.5	5.5	3.7	SB3H**107F**
	10	9	4.5	5.5	3.7	SB3H**109F**
	10	11	6	5.5	3.7	SB3H**1011F**
Horizontal						
	20	7	3.5	5.5	3.7	SB3H**207F**
	20	9	4.5	5.5	3.7	SB3H**209F**
	20	11	6	5.5	3.7	SB3H**2011F**
Vertical						
	10	7	7	5.5	5.5	SB3V**107F**
	10	9	9	5.5	5.5	SB3V**109F**
	10	11	11	5.5	5.5	SB3V**1011F**
Vertical						
	20	7	7	5.5	5.5	SB3V**207F**
	20	9	9	5.5	5.5	SB3V**209F**
	20	11	11	5.5	5.5	SB3V**2011F**

OssBuilder KIT (OGBRK) 2015.10

- 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



AutoBone Collector

AutoBone Collector® 2012.06

- Comes in Ø 3.0 to 6.0 in diameter and a Drill + Stopper set
- Recommended drilling speed : 300 ~ 600rpm
- Use of drill and stopper : 50 times

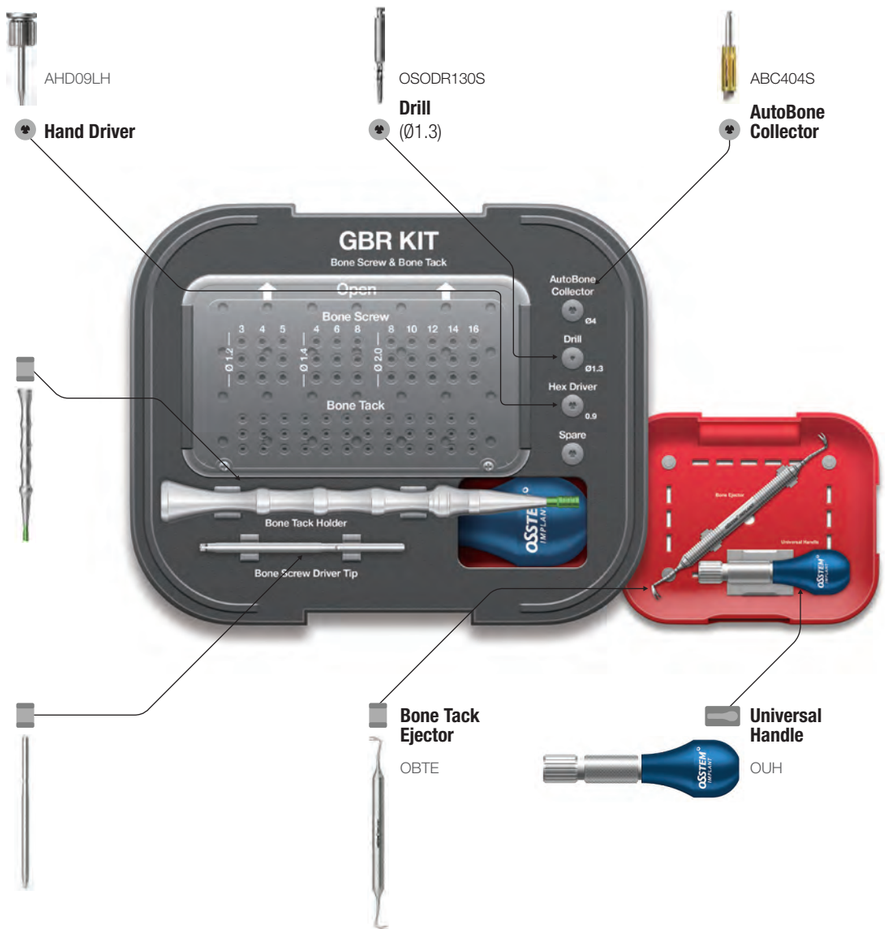
※ Before initial drilling, connect the stopper to the first stage locking and harvest autogenous bone while drilling 4 mm into the second stage locking (after harvesting, stop the drill and remove it as is with autogenous bone kept in the stopper)

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

Drill

GBR KIT (ONGBRK) RENEWAL 2021.10

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



AHD09LH
Hand Driver

OSODR130S
Drill
(Ø1.3)

ABC404S
AutoBone Collector

Bone Tack Holder
OBTH

Bone Screw Driver Tip
(Handle)
BSCHDT

Bone Tack Ejector
OBTE

Universal Handle
OUH

Dental Equipment

Input Intra Oral Scanner

TRIOS3 Wireless POD

- Word-first, wireless intraoral scanner
- Full mobility with wireless scanning
- Real-time display of scanning progress in the chairside screen
- Scanning of the occlusal movement of the patient
- Comparison before and after the restorative treatment
- Simulation and preview for comparison between before and after the orthodontic treatment
- Comparative analysis of tooth displacement
- Default provision of a laptop

22002245

TRIOS3 POD

- Standard intraoral scanner
- A dedicated stand allows move between patient chairs in the office
- Scanning of the occlusal movement of the patient
- Comparison before and after the restorative treatment
- Simulation and preview for comparison between before and after the orthodontic treatment
- Comparative analysis of tooth displacement
- Default provision of a laptop

22001091

Input Intra Oral Scanner

TRIOS4 POD 2020.05

- Advanced intraoral scanner
- Allows both modes of wired/wireless connection
- High-spec touch screen laptop
- Diagnostic tool with caries detection feature
- Scanning of the occlusal movement of the patient
- Comparison before and after the restorative treatment
- Simulation and preview for comparison between before and after the orthodontic treatment
- Comparative analysis of tooth displacement

22003127

TRIOS MOVE PLUS 2020.05

- Excellent mobility
- Allows both modes of wired/wireless connection
- 15.6" touch screen with adjustable height
- Diagnostic tool with caries detection feature
- Scanning of the occlusal movement of the patient
- Comparison before and after the restorative treatment
- Simulation and preview for comparison between before and after the orthodontic treatment
- Comparative analysis of tooth displacement

22003165

Input Intra Oral Scanner

TRIOS5 Wireless POD

- Patient Specific Motion for a better fit
- Save time with shade measurements
- Early detection of occlusal caries (with fluorescence scanning) to support preventive care.
- Wireless scanning for more mobility
- Calibration free to save time
- LED feedback for user guidance

22002245

TRIOS 5 MOVE PLUS

- Excellent mobility
- Allows both modes of wired/wireless connection
- 15.6" touch screen with adjustable height
- Patient Specific Motion for a better fit
- Save time with shade measurements
- Early detection of occlusal caries (with fluorescence scanning) to support preventive care.
- Wireless scanning for more mobility
- Calibration free to save time
- LED feedback for user guidance

22001091

Input Intra Oral Scanner

MEDIT *i600* 2020.05

- Improved speed and optimal scanned images deliver a smoother scanning experience.
- Smart Scan Filtering
Enhanced A.I. filtering performance eases the scanning process by filtering out soft tissue such as lips, cheeks, and tongue.
- Smart Color Filtering
Automatically filters registered colors, such as the color of medical gloves, during scanning.
- Smart Stitching
Scan with your own scanning strategy. Fragmented scan data are aligned with automatically detected common area.
- The diversity of Medit Apps makes treatment easier, simpler, and effortless!
- Default provision of a laptop

22003127

MEDIT *i700* 2020.05

- Smart Scan Filtering
Enhanced A.I. filtering performance eases the scanning process by filtering out soft tissue such as lips, cheeks, and tongue.
- Smart Color Filtering
Automatically filters registered colors, such as the color of medical gloves, during scanning.
- UV-C LED Disinfection
- Remote Control Mode
- Smart Stitching
Scan with your own scanning strategy. Fragmented scan data are aligned with automatically detected common area.
- The diversity of Medit Apps makes treatment easier, simpler, and effortless!
- Default provision of a laptop

22003165

Design Studio

- One-day prosthesis fabrication using TRIOS scan
- Crown, inlay, onlay, SCRP crown
- Auto design feature
- One-stop solution from scanning, design to milling

Stand alone 80241140

Implant Studio

- Guide design using scan data and CT data
- Implant planning
- Available format of importing files: STL, DCM

Stand alone 85240020
Implant studio(T) 85240060
Implant studio(D) 85240010

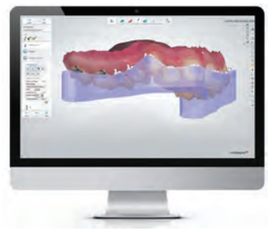
Clear Aligner Studio

- Design of orthodontic appliances using scan data
- Clear aligner design
- Bracket bonding jig design

Clear Aligner Studio(T) 80245501

Indirect Bonding Studio

- Digital bracket placement using scan data
- 3D printing of the indirect bonding jig for fabrication



80245502

Ortho System Premium

- For scan data analysis of orthodontic patients
- For treatment planning and virtual setup
- Allows data extraction in STL format and printing
- Appliance fabrication

80245420

Module purchase
- Ortho analyzer stand-alone (80242052)
- Appliance designer stand-alone (80245050)
- Bracket placement - add-on to ortho planner (80245071)
- Appliance designer add-on (80245057)
- Bracket transfer - add-on to appliance designer (80245072)
- Study Model Builder Add-on to Ortho Analyzer (80245073)
- Planning Model Builder Add-on to Ortho Planner (80245074)

Dental system

- Production of digital dentures using TRIOS and model scan data
- Crown & Bridge, Inlay & Onlay, Custom abutment, Denture, Differentiated applications according to purchase options such as Model Builder

Dental system
- **Crown & Bridge** 80241412
- **Premium** 80241411
- **Complete Restorative** 80241410

Module purchase
- Custom Abutment Design (80243260)
- Full Denture Add on (80245420)
- Model Builder Trios Add on (80249047)
- Model Builder All Scan Add on (80249071)

K3
DENTAL UNIT

Amazingly Attractive!

Osstem Implant's 'healing' solution for dental chair unit, K3

The smart technology optimized for dental clinic setting, Improving the preciseness of treatment; the simple, emotional design considering the flow line; and convenience will bring a great satisfaction dentists, assistant and patients

Table Type

Mount type

Cart type

Stool

Dr. stool
(Default)

Assist stool
(Optional)

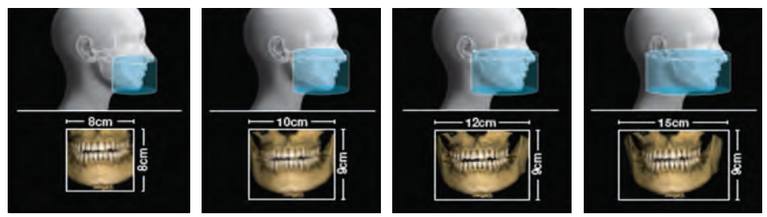
Color Type

DENTAL Equipment

T2
DENTAL CT

- 3 in 1 CBCT
- 15 X 9 FOV. 4-step multi-FOV
- Intuitive gui-enabled touch panel
- Laser-assisted positioning
- Clear, vivid images

T2-CS	CT + Pano. + Ceph
T2-C	CT + Pano.



FOV 8×8 | FOV 10×9 | FOV 12×9 | FOV 15×9

N1
x-RAY

- As clear as standard X-ray (70 kV, 3mA)
- Clarity enhanced by FOCAL SPOT (0.3mm)
- Intuitive LCD screen displaying only pertinent information (such as target location and person, working time)
- Press buttons to prevent device malfunction and breakdown
- No strain or fatigue on clinician's wrist
- Can take 300 images with high efficiency battery

FIRE CR
PSP

•Delivers high-quality digital images for busy dental practices, optimizing chairside time with patients.

•The automated "Push and Go" feeding tray is simple and quick to operate.

CR-FR-11-001

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

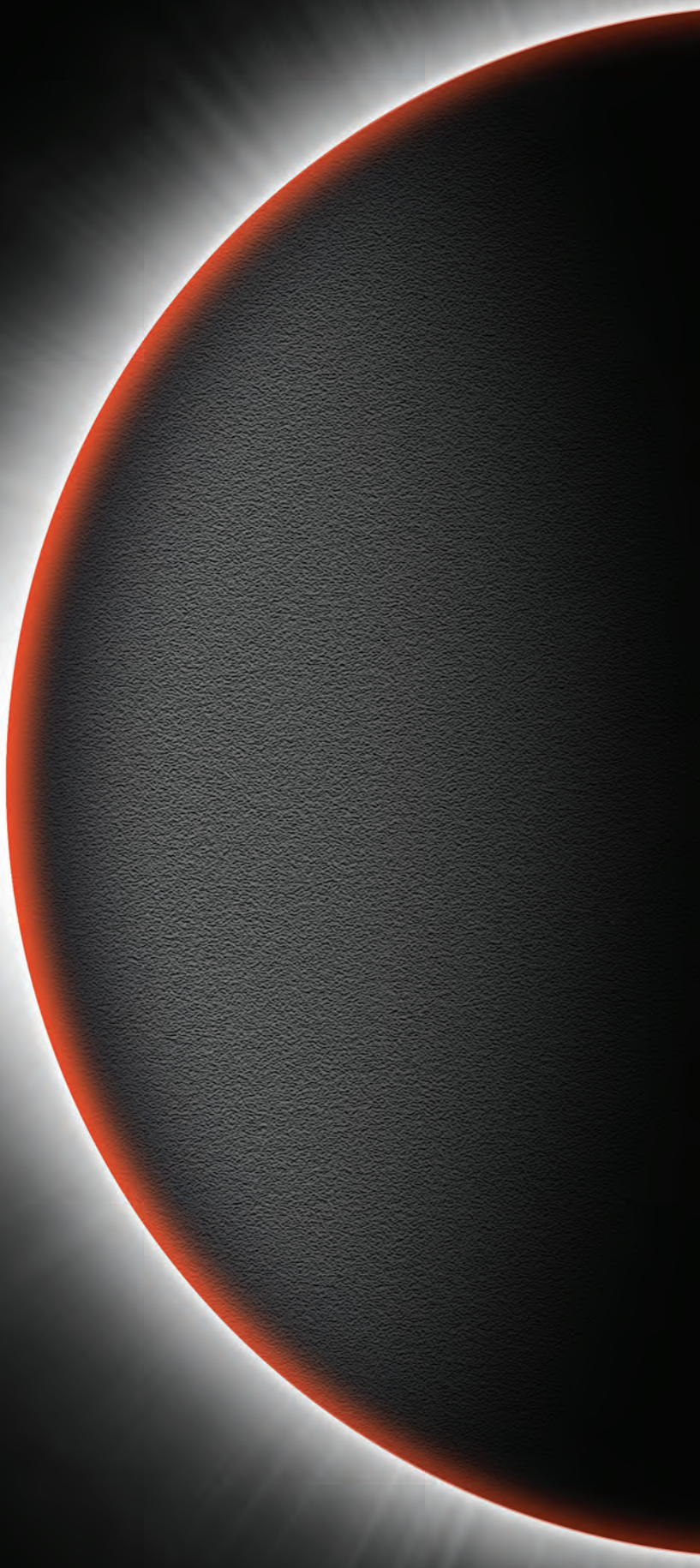
Wireless Electric Driver

- 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

IS3

- Monitor Osseointegration. Enhance decisions about when to load.
- Reduces Treatment Time
- Manages Challenging Cases



OSSTEM IMPLANT

2460 И М22