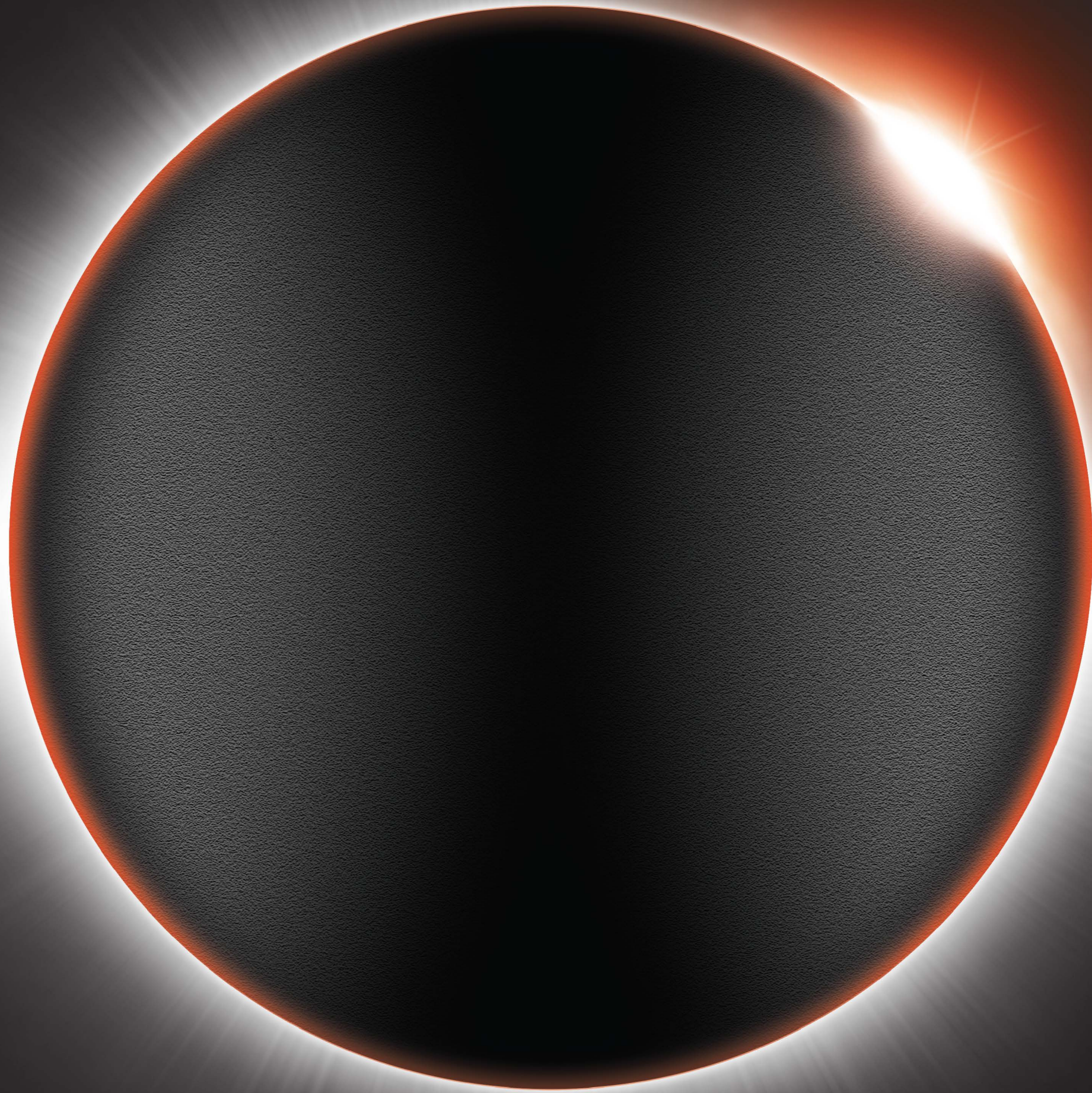




OSSTEM[®]
IMPLANT

GBR PRODUCT CATALOG





GBR & DENTAL MATERIAL

GBR

- 004** Allograft Bone
- 008** Xenograft Bone
- 009** Synthetic Bone
- 011** Absorbable Membrane
- 014** Non-absorbable Membrane
- 016** Tissue Expander
- 018** SmartBuilder
- 025** OssBuilder KIT
- 027** AutoBone Collector
- 028** Screw for Fixing Membrane
- 030** GBR KIT

DENTAL MATERIAL

- 034** Impression Materials **HySil**
- 038** Impression Materials **SuFlex**
- 040** Impression Materials **Ivoclar Vivadent**
- 043** Impression Materials **Accessory**

ETC

- 046** Local Anesthetic
- 047** Chairside CAD/CAM System
- 048** Implant Finder
- 049** AIC Consulting Model for Patients

Allograft Bone Powder / Chip

SureOss (FDBA)

- FDBA (freeze-dried bone allograft)
- 100% allograft cortical bone
- Excellent biocompatibility
- Particle size
 - Powder : 200~850 μ m
 - Chip : 850~1000 μ m
- Manufacturer : Hans Biomed Corp., south korea

CC	Powder	
0.25	POWDER025	
0.5	POWDER05	
1.0	POWDER10	
CC	Chip	
0.25	CHIP025	
0.5	CHIP05	
1.0	CHIP10	

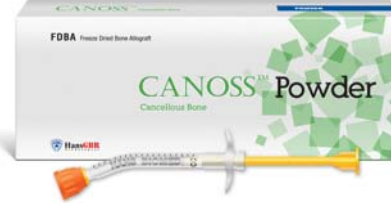
SureOss-D (DFDBA)

- DFDBA (demineralized freeze-dried bone allograft)
- 100% demineralized allograft bone
- Excellent biocompatibility
- Particle size
 - Powder : 200~850 μ m
 - Chip : 850~1000 μ m
- Manufacturer : Hans Biomed Corp., south korea

CC	Powder	
0.25	POWDER025D	
0.5	POWDER05D	
1.0	POWDER10D	
CC	Chip	
0.25	CHIP025D	
0.5	CHIP05D	
1.0	CHIP10D	

CANOSS (FDBA)

- FDBA (freeze-dried bone allograft)
- 100% allograft cancellous bone
- Excellent biocompatibility
- Particle size
 - Powder : 200~850 μ m
 - Chip : 850~1000 μ m
- Manufacturer : Hans Biomed Corp., south korea

CC	Powder	
0.25	CAP 25	
0.5	CAP 50	
1.0	CAP 100	
CC	Chip	
0.25	CAC 25	
0.5	CAC 50	
1.0	CAC 100	

OsteOss (FDBA)

- FDBA (freeze-dried bone allograft)
- 100% allograft bone (cortical + cancellous bone)
- Particle size
 - Powder : 200~850 μ m
 - Chip : 850~1000 μ m
- Manufacturer : Hans Biomed Corp., south korea

CC	Powder	
0.25	CCP 25	
0.5	CCP 50	
1.0	CCP 100	
CC	Chip	
0.25	CCC 25	
0.5	CCC 50	
1.0	CCC 100	

Ingross (FDBA+DFDBA)

- FDBA + DFDBA
- Cortical + demineralized allograft bone
- Excellent biocompatibility
- Particle size
 - Powder : 200~850 μ m
 - Chip : 850~1000 μ m
- Manufacturer : Hans Biomed Corp., south korea

CC	Powder	
0.25	CDP 25	
0.5	CDP 50	
1.0	CDP 100	
CC	Chip	
0.25	CDC 25	
0.5	CDC 50	
1.0	CDC 100	

Allograft Bone Powder / Chip

Allograft Bone Block Bone & DBM



SureFuse II

- DBM (allograft)
- Osteoinduction / bone conduction ability
- Syringe delivery, putty type, malleable into different shapes and sizes
- Excellent biocompatibility
- Manufacturer : Hans Biomed Corp., south korea

CC	Gel	
0.3	S2GEL03	
0.5	S2GEL05	
1.0	S2GEL10	
CC	Putty	
0.3	S2PUTTY03	
0.5	S2PUTTY05	
1.0	S2PUTTY10	

ExFuse II

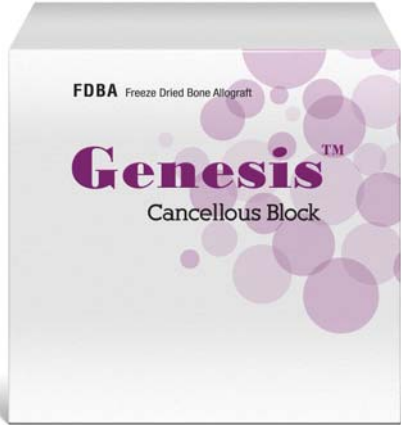
- DBM (allograft)
- Demineralized allograft + cancellous bone
- Osteoinduction / bone conduction ability
- Syringe delivery, putty type, malleable into different shapes and sizes
- Excellent biocompatibility
- Manufacturer : Hans Biomed Corp., south korea

CC	Gel	
0.3	EX2GEL03	
0.5	EX2GEL05	
1.0	EX2GEL10	
CC	Putty	
0.3	EX2PUTTY03	
0.5	EX2PUTTY05	
1.0	EX2PUTTY10	

Genesis (FDBA)

- FDBA (freeze-dried bone allograft)
- 100% allograft block bone
- Excellent biocompatibility
- Manufacturer : Hans Biomed Corp., south korea

mm	Cortical + Cancellous Block	
6 × 6 × 10	CCB 06	
6 × 12 × 12	CCB 12	
6 × 12 × 20	CCB 20	
7 × 7 × 10	CCB 17	

mm	Cancellous Block	
10 × 10 × 5	CAB 05	
10 × 10 × 10	CAB 10	

BellaFuse

- No need to rehydrate
- Gelatinous form
- Manufacturer : Hans Biomed Corp., south korea

mm	DBM Flex	
10 × 20	DBFF12	
10 × 40	DBFF14	

Xenograft Bone

A-Oss

- DBB (deproteinized bovine bone)
- Bone conduction ability
- Excellent volume maintenance
- Excellent biocompatibility
- Manufacturer : Osstem Implant Co., Ltd., south korea
- Raw material : australia
- P = Particle Size

g \ Particle Size 0.25~1.0mm

0.1 (0.2cc)	BBS01
0.25 (0.5cc)	BBS02
0.5 (1.0cc)	BBS05
1.0 (2.0cc)	BBS10
2.0 (4.0cc)	BBS20

g \ Particle Size 1.0~2.0mm

0.1 (0.3cc)	BBL01
0.25 (0.75cc)	BBL02
0.5 (1.5cc)	BBL05
1.0 (3.0cc)	BBL10
2.0 (6.0cc)	BBL20



Synthetic Bone

Q-Oss+

- 20% HA and 80% + β -TCP synthetic bone
- Porous structure with fine pores connected with one another
- Excellent bone conduction ability
- Gradual absorption
- Manufacturer : Osstem Implant Co., Ltd., south korea
- P= Particle Size

g \ 0.5~1.0mm

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

g \ 1.0~2.0mm

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



Ossbone Collagen

- Porcine sponge bone
- Easy to manipulate with collagen
- Good bone conduction ability
- Promotes early angiogenesis with a high porosity of 80%
- Manufacturer : SK Bioland, south korea

0.1 (ø6×10mm)	BGB-4
0.25 (ø10×10mm)	BGB-1



Q-Oss+ (Collagen Type)

- Q-Oss+ 90% + collagen 10%
- Good bone conduction of Q-Oss+
- Formability and position maintenance of collagen
- Manufacturer : Osstem Implant Co., Ltd., south korea

mm \ Putty

ø7 × 5 (0.1g)	BQC0705
ø7 × 11 (0.25g)	BQC0711



Synthetic Bone

Bongros

- Synthetic bone
- Carbon-apatite
- Bone conduction ability
- Manufacturer : CG Bio Inc., south korea

g

0.25

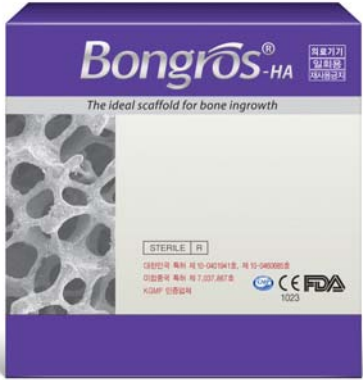
HAGM 0.25g

0.5

HAGM 0.5g

1.0

HAGL 1.0g

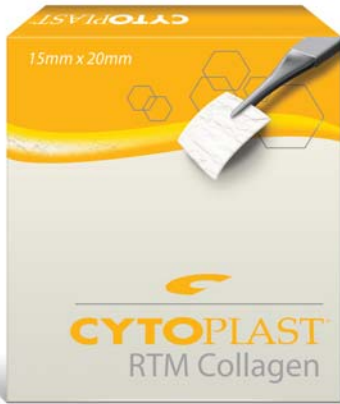


Absorbable Membrane Collagen

Cytoplast RTM Collagen

- Bovine collagen
- RTM = Resorbable Tissue Matrix
- Long-lasting bovine collagen membrane; resorption profile of 26~38 weeks
- Soft handling but not flimsy, high tensile strength
- Packing unit : 2ea
- Manufacturer : Osteogenics, USA
- T = Thickness

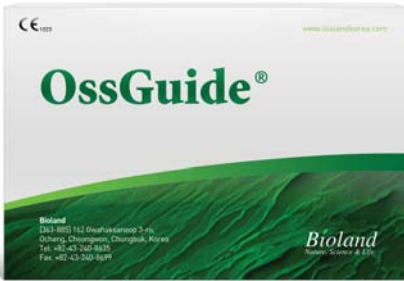
mm \ T	0.3mm
15 × 20	RTM1520
20 × 30	RTM2030
30 × 40	RTM3040



OssGuide™

- Porcine collagen
- Great tensile strength (achieved through cross-linking manufacturing method)
- Convenient handling, and excellent grip and fixation
- Manufacturer : SK Bioland, south korea
- T = Thickness

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



Absorbable Membrane Collagen

AteloCare Sheet Type

- Collagen wound dressing
- Porcine collagen
- Effective anti-hemorrhagic ability
- Prevents schneiderian membrane perforation during maxillary sinus augmentation
- Packing unit: 5ea
- Manufacturer : SK Bioland, south korea



CollaDerm Plug Type

- Collagen plug type
- Porcine collagen
- For 3rd molar extraction
- Prevents of soft tissue dent, dry socket and other infection
- Packing unit : 5ea
- Manufacturer : SK Bioland, south korea



Absorbable Membrane Homologous Dermis

SureDerm

- Made from human dermis (homologous acellular dermis)
- Membrane and gingiva reconstruction
- Freeze-dried, rehydration required
- Excellent biocompatibility
- Manufacturer : Hans Biomed Corp., south korea
- T = Thickness



Non-absorbable Membrane

Cytoplast TXT-200

- Non resorbable membrane
- 100% medical grade PTFE
- Minimized risk of bacterial infection
 - Size of membrane pore : 0.3mm
 - Size of bacteria : 2~5mm
- Excellent biocompatibility
- Manufacturer: Osteogenics, USA

mm\

TXT-200 Singles

12 × 20

TXT1220-1

mm\

TXT-200

25 × 30

TXT2530-1

Cytoplast TI-250

- Non resorbable membrane + titanium reinforced
- Membrane can be molded and shaped for tenting and space maintenance
- Minimized risk of bacterial infection
 - Size of membrane pore : 0.3mm
 - Size of bacteria : 2~5mm
- Excellent biocompatibility
- Manufacturer : Osteogenics, USA

mm\

Ti-250 Anterior Narrow

12 × 24

Ti250AN-1

mm\

Ti-250 Anterior Single

14 × 24

Ti250AS-1

mm\

Ti-250 Posterior Single

20 × 25

Ti250PS-1

mm\

TXT-200 Posterior Large

25 × 30

Ti250PL-1

Osteo-Mesh

- Titanium-mesh membrane
- Titanium membrane
- Excellent biocompatibility
- Manufacturer : Osteogenics, USA

mm\

25 × 34

TM300

Tissue Expander



TissueMax

- Self-expanding tissue expander
- Enables successful GBR procedure by expanding insufficient periosteum and gingival tissues
- V = Volume
- ※ Dental pulp of hydrogel except silicon shell



D

	TEX007		TEX013		TEX021	
	Before	After	Before	After	Before	After
L (mm)	12	20	13	22	15	24
D (mm)	4	7	5	9	6	11
V (ml)	0.15	0.7	0.25	1.3	0.42	2.1

Sizes before and after expansion

OSSTEM[®]
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TissueMax Template

- For use with TissueMax only
- A : before TissueMax expansion
(space for transplantation is secured upon application)
- B : after TissueMax expansion
(the appropriate TissueMax size is chosen)



TMP007
TMP013
TMP021

TissueMax Periosteal Elevator

- Periosteal elevator optimized for periosteal elevation for TissueMax procedures
- 7.2mm : for elevating the mucosal periosteum
- 4.2mm : for separating and lifting the interproximal processus from the gingiva



Builder Type

SmartBuilder®

- 3D pre-formed design, no trimming & bending necessary
 - For bone defect reconstruction
 - Various sizes and configurations available
 - Ti-mesh with no risk of soft tissue exposure
 - No sharp edges or wrinkles due to the 3D pre-formed design
 - Directly anchored to the implant or to the jaw, bone graft material stays securely in place
 - Excellent bone regeneration
 - Allows ample blood flow through pores
 - Choose either non-submerged or submerged closure
 - Healing cap for non-submerged closure
 - Cover cap for submerged closure
 - Simultaneous GBR + fixture placement : healing cap or cover cap + SmartBuilder + SB anchor + fixture
 - If remaining bone is narrow or insufficient : healing cap or cover cap + SmartBuilder + tenting screw
- ※ Disposable; do not re-use

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

SB1

Papilla Builder

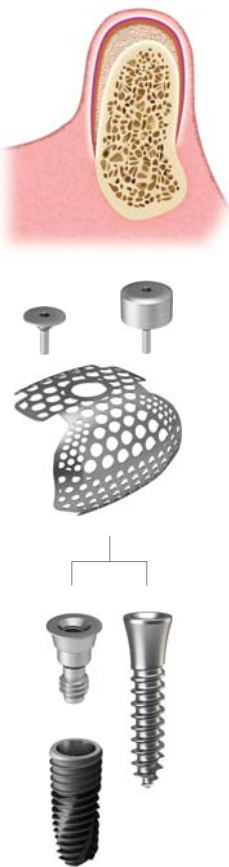
Titanium membrane for aesthetic reconstruction of the papilla when alveolar bone recession is less than 1.5mm. One-stage procedure is possible for GBR and immediate placement after tooth extraction.



SB2

Lateral Builder

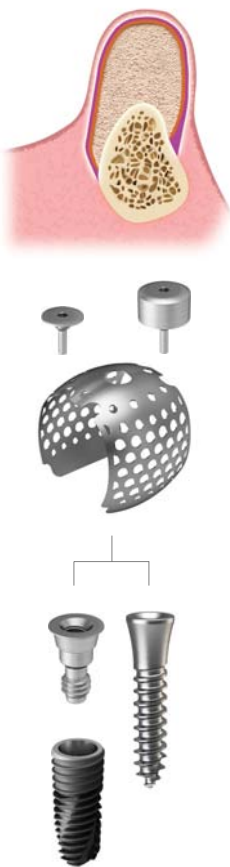
Titanium membrane for reconstructing minor vertical and horizontal bone defects due to a socket extraction, fenestration and dehiscence defects.



SB3

Jaw Builder

Titanium membrane for reconstructing alveolar ridges with severe vertical and horizontal bone recession of 5~10mm



SB1 Papilla Builder

P = Proximal
BL = Buccal Length
BD = Buccal Distance
LD = Lingual Distance

P

P

BL

BD

LD

7mm

Scallop shape

7

3

5

5

SB1P**73A**

7

5

5

5

SB1P**75A**

10mm

Scallop shape

10

3

5.5

5.5

SB1P**103A**

10

5

5.5

5.5

SB1P**105A**

12mm

Scallop shape

12

3

6.5

6.5

SB1P**123A**

12

5

6.5

6.5

SB1P**125A**

Builder Type

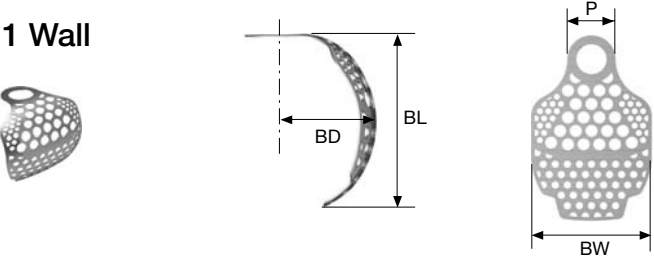
SB2 Lateral Builder

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

Augmentation

P BW BL BD

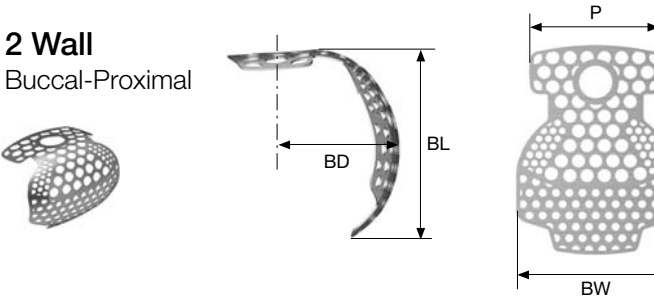
1 Wall



4	8	7	5.5	SM1W487SB
4	10	7	5.5	SM1W4107SB
4	10	9	5.5	SM1W4109SB

2 Wall

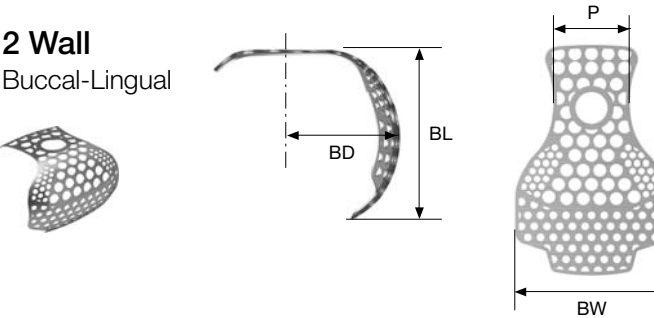
Buccal-Proximal



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

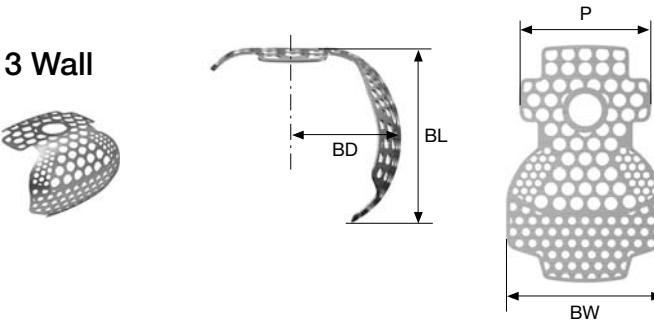
2 Wall

Buccal-Lingual



5	9	7	5.5	SM2W597SE
5	9	9	5.5	SM2W599SE
6	12	7	5.5	SM2W6127SE
6	12	9	5.5	SM2W6129SE
7	12	7	5.5	SM2W7127SE
7	12	9	5.5	SM2W7129SE

3 Wall



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

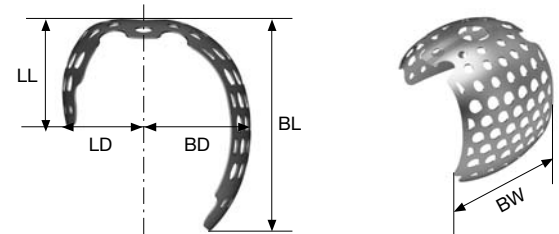
SB3 Jaw Builder

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

Augmentation

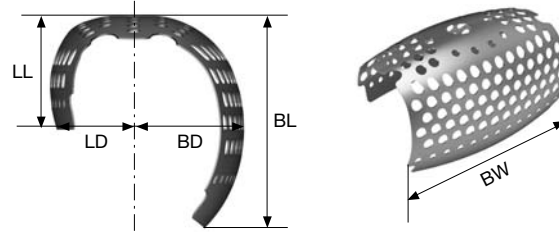
BW BL LL BD LD

Horizontal



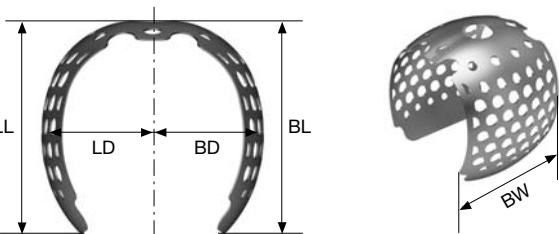
10	7	3.5	5.5	3.7	SB3H107F
10	9	4.5	5.5	3.7	SB3H109F
10	11	6	5.5	3.7	SB3H1011F

Horizontal



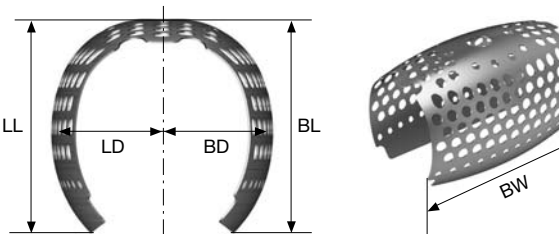
20	7	3.5	5.5	3.7	SB3H207F
20	9	4.5	5.5	3.7	SB3H209F
20	11	6	5.5	3.7	SB3H2011F

Vertical



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

Vertical



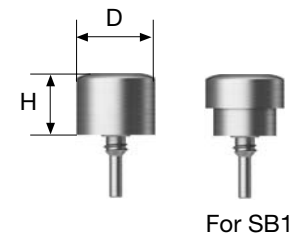
20	7	7	5.5	5.5	SB3V207F
20	9	9	5.5	5.5	SB3V209F
20	11	11	5.5	5.5	SB3V2011F



Healing Cap for TS

- Non-submerged surgery
 - Compatible with OB2 & OB3
 - Used 0.9 hex hand driver
 - Recommended tightening torque : 5~8Ncm
- ※ Disposable; do not re-use

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

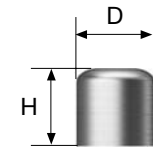


For SB1

Healing Cap for US

- Non-submerged surgery
 - Compatible with OB2 & OB3
 - Used 1.2 hex hand driver
 - Recommended tightening torque : 5~8Ncm
- ※ Disposable; do not re-use

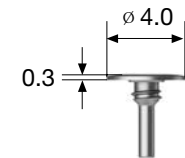
D \ H	3.0	4.0
Ø4.0	SMHA443R	SMHA444R
Ø5.0	SMHA553R	SMHA554R



Cover Cap for TS

- Submerged surgery
 - Compatible with OB2 & OB3
 - Used 0.9 hex hand driver
 - Recommended tightening torque : 5~8Ncm
- ※ Disposable; do not re-use

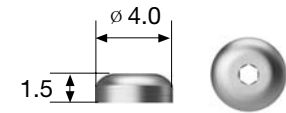
D \ H	0.3
Ø4.0	SBCC4000



Cover Cap for US

- Submerged surgery
 - Compatible with OB2 & OB3
 - Used 0.9 hex hand driver or cover cap driver
 - Recommended tightening torque : 5~8Ncm
- ※ Disposable; do not re-use

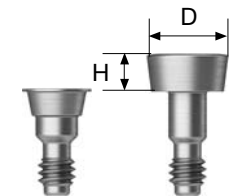
D \ H	1.5
Ø4.0	SMCC415



OB Anchor for TS

- For TS fixture (shoulder contact)
 - Compatible with OB2 & OB3
 - Used 0.9 hex hand driver
 - Recommended tightening torque : 12~15Ncm
- ※ Disposable; do not re-use

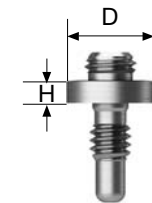
D \ H	0	0.5	1.0	1.5	2.0	2.5	3.0
Ø3.5	SBAC3500TSM	SBAC3505TSM	SBAC3510TSM	SBAC3515TSM	SBAC3520TSM	SBAC3525TSM	SBAC3530TSM
Ø4.0	SBAC4000TSR	SBAC4005TSR	SBAC4010TSR	SBAC4015TSR	SBAC4020TSR	SBAC4025TSR	SBAC4030TSR



OB Anchor for US

- For US fixture
 - Compatible with OB2 & OB3
 - Used 1.2 hex hand driver
 - Recommended tightening torque : 12~15Ncm
- ※ Disposable; do not re-use

D \ H	1.0	1.5	2.0	2.5	3.0
Ø3.5	SMHI310USM	SMHI315USM	SMHI320USM	SMHI325USM	SMHI330USM
Ø4.0	SMHI410USR	SMHI415USR	SMHI420USR	SMHI425USR	SMHI430USR
Ø5.1	SMHI510USW	SMHI515USW	SMHI520USW	SMHI525USW	SMHI530USW
Ø5.0	SMHI510USP	SMHI515USP	SMHI520USP	SMHI525USP	SMHI530USP



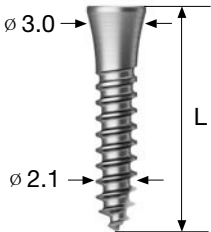
Builder Type Components

Tenting Screw

Internal Type

- Easy to suture due to low protruding height compared to external type
 - Used as a fixture replacement for lack of bone mass or narrow bone width
 - Compatible with OB2 & OB3
 - Recommended placement depth : hard/normal bone 3~5mm and soft bone 5mm or more
 - Placement slowly with 0.9 hex torque driver
 - Compatible with cover cap(TS) and healing cap(TS)
- ※ Disposable; do not re-use

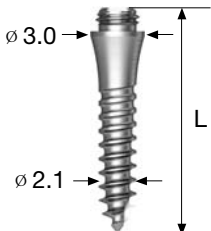
L	8.5	10	11.5	13
	SBS2008I	SBS2010I	SBS2011I	SBS2013I



External Type

- Placement slowly with 1.2 hex torque driver
 - Compatible with cover cap and healing cap(US)
- ※ Disposable; do not re-use

L	8.5	10	11.5	13
	SBS2008E	SBS2010E	SBS2011E	SBS2013E



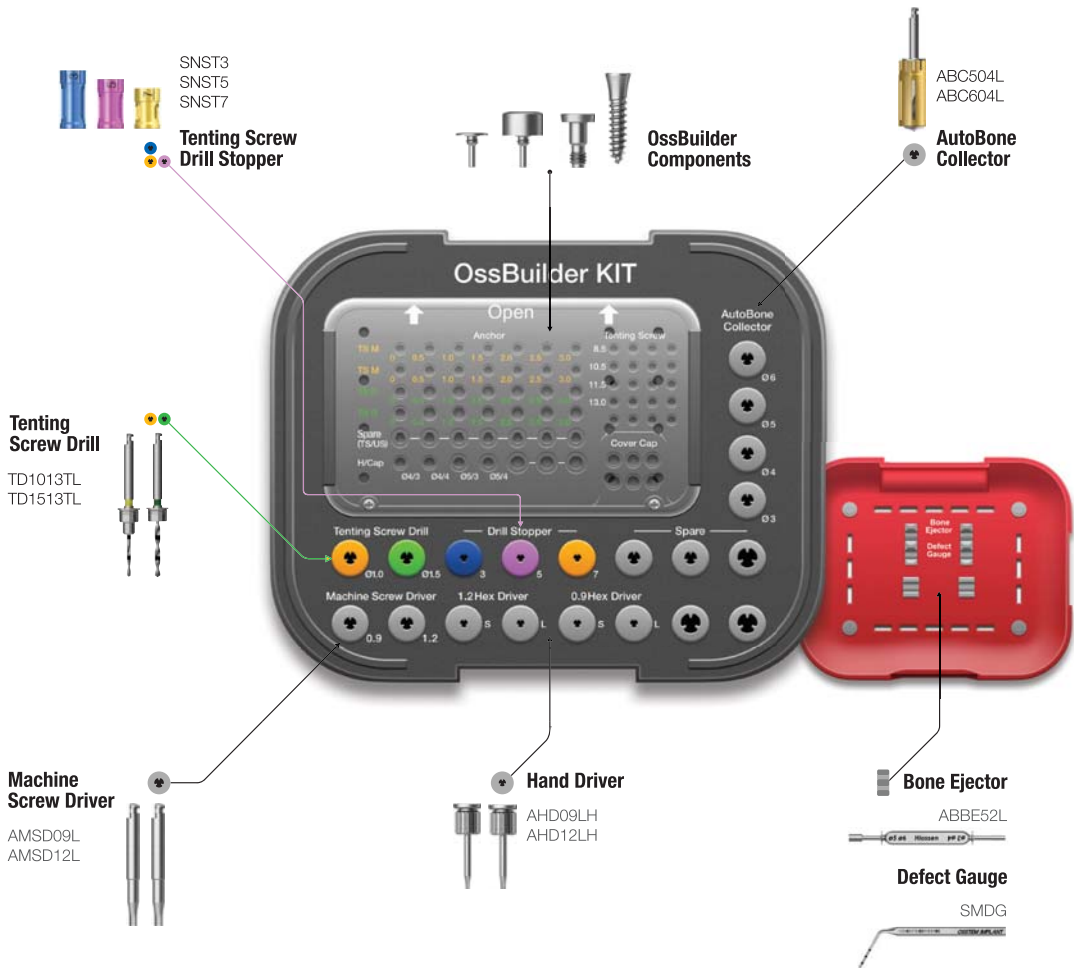
Defect Gauge

- Measurement of vertical / horizontal defects
 - 1mm marking line (4~5, 9~10, 14~15 thick line)
- ※ Defect gauge is used to measure the exact defect quantity of bone defects.
OssBuilder does not require trimming and bending, and stable adaptation is possible.



OssBuilder KIT (HGBRK)

- The KIT which constitutes all necessary tools for GBR surgery
- Convenient GBR surgery by using OssBuilder OB2, OB3, OB anchor, cover cap and healing cap
- Use of tenting screws to accommodate a wide range of vertical and horizontal bone loss, even at narrow bone depths
- Autobone collector allows immediate collection of autogenous bone



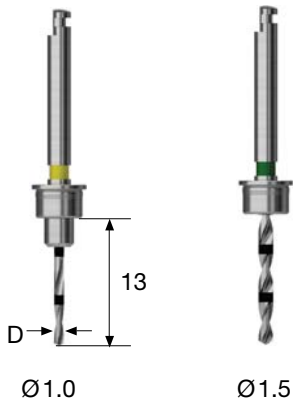
	Product Name	Specifications	Configuration
Middel Plate	Tenting screw drill	Ø1.0, Ø1.5	Default
	Stopper	3, 5, 7mm	Default
	Machine screw driver	0.9 hex long, 1.2 hex long	Default
	Hex hand driver	0.9 hex long, 1.2 hex long	Default
	AutoBone collector	Ø3.0, Ø4.0	Option
		Ø5.0, Ø6.0	Default
	SB anchor	TS mini, regular(0~1.5mm)	Default
		TS mini, regular(2.0~3.0mm)	Option
	Healing cap	Ø4.0, Ø5.0(3, 4mm)	Default
	Tenting screw	8.5, 10, 11.5, 13mm	Default
Lower Plate	Cover cap	-	Default
	Bone ejector	-	Default
	Defect gauge	-	Default



Tenting Screw Drill

- Used for drilling before tenting screw
- Hard bone : $\varnothing$ 1.5 / normal, soft bone : $\varnothing$ 1.0 drill is used
- Laser marking : 1, 2, 3, 4, 5, 6, 7, 8mm marking
- Recommended speed : 1,200~1,500rpm
- Stopper : 3~7mm

L \ D	$\varnothing$ 1.0	$\varnothing$ 1.5
13	TD1013TL	TD1513TL



Stopper

- Used by tightening to tenting screw drill

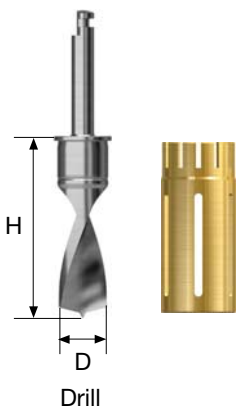
L \ D	3.0	5.0	7.0
L (돌출)	SNST3	SNST5	SNST7



AutoBone Collector[®]

- Drill and stopper set, comes in $\varnothing$ 3.0~6.0 sizes
- Recommended rpm : 300~600rpm
- Use of drill and stopper : 50 times
- ※ Harvest autogenous bone by drilling 4mm into the donor location until the stopper clicks into the phase II locking position (stop drilling and collect harvested autogenous bone in the stopper)

L \ D	$\varnothing$ 3.0	$\varnothing$ 4.0	$\varnothing$ 5.0	$\varnothing$ 6.0
Short	ABC304S	ABC404S	ABC504S	ABC604S
Long	ABC304L	ABC404L	ABC504L	ABC604L



Stopper

- Limits drilling depth up to 4mm to harvest cortical bone
- Collects harvested autogenous bone during drilling

L \ D	$\varnothing$ 3.0	$\varnothing$ 4.0	$\varnothing$ 5.0	$\varnothing$ 6.0
Short	ABC2ST304S	ABC2ST404S	ABC2ST504S	ABC2ST604S
Long	ABC2ST304L	ABC2ST404L	ABC2ST504L	ABC2ST604L



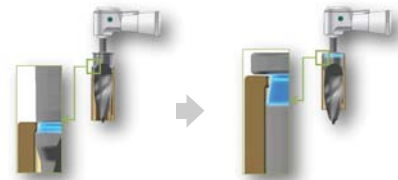
Bone Ejector

- Removes harvested autogenous bone from inside the stopper

D	$\varnothing$ 3.0 / $\varnothing$ 4.0 / $\varnothing$ 5.0 / $\varnothing$ 6.0
	ABBE52L



Guideline for connecting the 2-stage locking stopper



Slide the stopper onto the drill until it clicks into the phase I locking position

Stop drilling when the stopper clicks into the phase II locking position

※ Please refer to the instructional video for detailed use

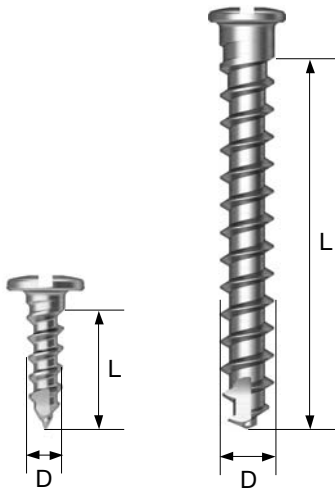
Screw for Fixing Membrane



Bone Screw

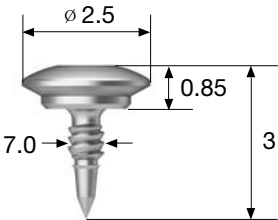
- Machine surface
 - Material : Ti-6Al-4V
- ø1.2**
- Non-absorbent membrane, for OssBuilder fixing
 - Sharp tip with self drilling
 - Improvement of fracture and bending
- ø1.4**
- Non-absorbent membrane, for bone plate fixing
 - Sharp tip with self drilling
 - Improvement of fracture and bending
- ø2.0**
- For block bone fixing
 - Can be placed after pre-drilling (no self drilling function)

※ Disposable; do not re-use



Bone Tack

- Used to fix membrane
 - Machine surface
 - Material : Ti-6Al-4V
- ※ Disposable; do not re-use



D \ L	3.0
ø2.5	OBT3

D ø 1.2	D \ L	3	4	5		
						
		BSCH1203	BSCH1204	BSCH1205	-	-
D ø 1.4	D \ L	4	6	8		
						
		BSCH1404	BSCH1406	BSCH1408	-	-
D ø 2.0	D \ L	8	10	12	14	16
						
		BSCH2008	BSCH2010	BSCH2012	BSCH2014	BSCH2016

GBR KIT (ONGBRK)

GBR KIT Surgical Instruments - For Bone Screw

• KIT that consists of all necessary instruments for bone screw and bone tack surgery

Bone Screw Driver Tip (Handle)

- Used in combination with universal handle
- Used after fully tightening the bone screw vertically



Cross

BSCHDT

Universal Handle

- Used in combination with bone screw driver tip (handle)



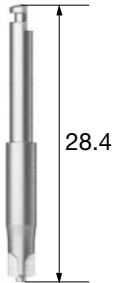
Ouh

Bone Screw Driver (Engine)

- Used in combination with engine
- Used after fully tightening the bone screw vertically

Cross

BSCMD



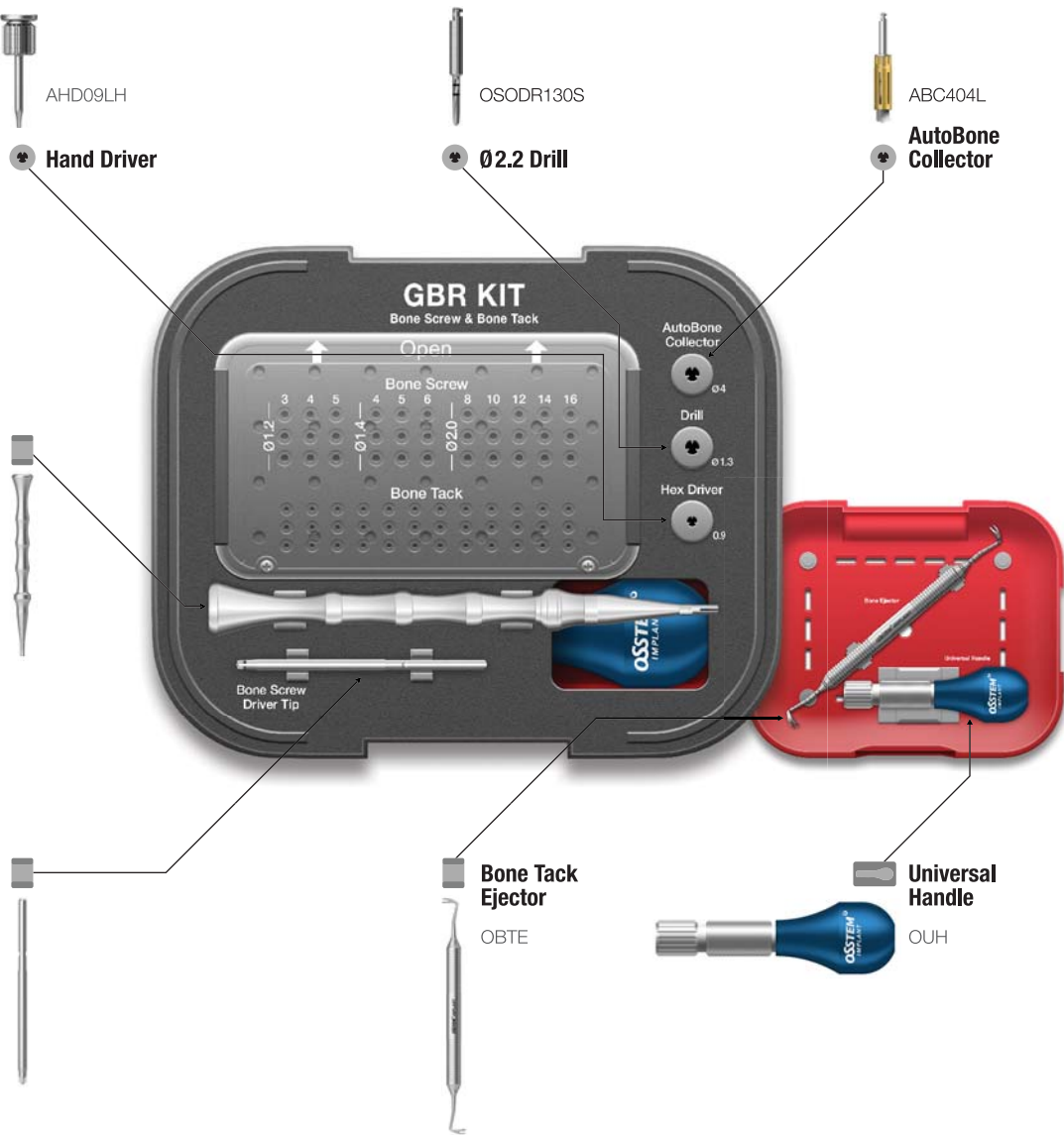
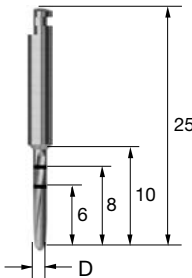
Ø1.3 Drill

- Used when using 2.0 bone screws
- Recommended speed : 800rpm

D

Ø1.3

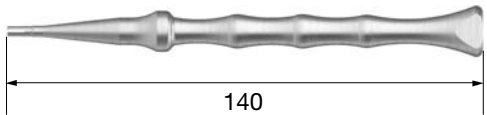
OSODR130S



GBR KIT Surgical Instruments - For Bone Tack

Bone Tack Holder

- For fixing bone tack
- Design for stable grip
- Anti-rotation function
- Keep in combination with cap



Bone Tack Holder Cap

OBTH

Bone Tack Ejector

- Used to remove bone tack
- Lever design for easy removal

※ When the bone tack is covered by the bone and the ejector is difficult to enter, use a 0.9 hex driver to reverse the bone tack and then use ejector



OBTE

OSSTEM[®]
IMPLANT

Impression Materials HySil

HySil

- Ultra hydrophilic VPS impression material
- Sufficient working time and fast intraoral setting
 - Work time : 1min(light body and mono body) and 2min(heavy body and putty)
 - Setting time : 4min
- High quality german-made raw material

50ml Cartridges

Extra Light Body

4 cartridges

ESS50EL



Light Body

4 cartridges
15 cartridges

ESS50L
ESS50LB



Mono Body

4 cartridges
15 cartridges

ESS50M
ESS50MB



50ml Cartridges

Bite

4 cartridges

ESS50B



Heavy Body

4 cartridges
15 cartridges

ESS50H
ESS50HB



Putty

Putty

Base 400ml
Catalyst 400ml

ESS400P



Impression Materials HySil

380ml Automix Cartridges

Mono body 2 cartridges ESS380M



Heavy body 2 cartridges ESS380H



Impression Materials SuFlex

SuFlex

- Premium VPS impression material made by superior german technology
- Fast setting for rapid impression-taking
 - Work time : 1min
 - Setting time : 1min 30sec
- Excellent thixotropy properties for precise impression-taking

50ml Cartridges

Light Body (Blue)

2 cartridges (12 mixing tips)
10 cartridges (50 mixing tips)

SUF50LA
SUF50LB



Mono Body

2 cartridges (12 mixing tips)
10 cartridges (50 mixing tips)

SUF50MA
SUF50MB



Heavy Body

2 cartridges (12 mixing tips)
10 cartridges (50 mixing tips)

SUF50HA
SUF50HB



Putty

Putty

Base 450ml
Catalyst 450ml

SUFPA



380ml Automix Cartridges

Auto Mono Econo Refill

Base 317ml (1ea)
Catalyst 63ml (1ea)

SUFAMO



Auto Heavy Econo Refill

Base 317ml (1ea)
Catalyst 63ml (1ea)

SUFAHO



Impression Materials Ivoclar Vivadent



Ivoclar Vivadent Virtual®

- Flexible working time and fast curing time
 - Working time : regular 1min 30sec, fast 1min (CAD bite 30 sec)
 - Setting time : regular 4min 30sec, fast 2min 30sec (CAD bite 45 sec)
- Superior readability and suitability
- Fresh mint flavor

50ml Cartridges

Regular	Extra Light Body Regular	2 cartridges	562827
		12 cartridges	572813
	Light Body Regular	2 cartridges	562829
		12 cartridges	572827
	Monophase Regular	2 cartridges	562831
		12 cartridges	572829
Fast	Heavy Body Regular	2 cartridges	562835
		12 cartridges	572831
	Extra Light Body Fast	2 cartridges	562828
		12 cartridges	572812
	Light Body Fast	2 cartridges	562830
		12 cartridges	572826
	Monophase Fast	2 cartridges	562832
		12 cartridges	572828
	Heavy Body Fast	2 cartridges	562836
		12 cartridges	572830



Putty	Base 300ml	562839	
	Catalyst 300ml		
50ml CADBite Registrarion	2 cartridges	607908	
Virtual Tray Adhesive	10ml	562841	



Impression Materials Ivoclar Vivadent

Ivoclar Vivadent Virtual® 380

- Fast set type VPS impression material
- Setting time : 2min 30sec
- 380ml high capacity cartridge for AutoMix
- Superior readability and suitability
- Fresh mint flavor

Monophase	Heavy
594835	594836



Impression Materials Accessory

HyMix

- AutoMix that reduces material cost and makes impressive impressions
- Curing time alarm can be set (up to 7min)
- 362, 380ml cartridge compatible

DSD-IMI-0100



Impression Materials *Accessory*

Mixing Tips & Accessories Premium / Sulzer Mixpac Genuine Product

50ml Heavy Body Mixing Tip 50 (old product) 87mm SUF50GM
50ml Heavy Body Mixing Tip 50 (new product) 57mm JFSTG50



50ml Light Body Mixing Tip 50 (old product) 70mm SUF50YM
50ml Light Body Mixing Tip 50 (new product) 50mm JFSTY50



50ml Light Body Oral Tip 96 SUFOT96
50ml Bite Registration Tip 100 JFSBT100



380ml Suflex Auto Mixing Tip 50 SUFAM380
JFSBT100



50ml Dispenser Gun (old product) SUFAM380
50ml Dispenser Gun (new product) JFS50DB



Mixing Tips & Accessories Supply Type

380ml Cartridge Mixing Tip 50 S-D380



Bayonet Ring 2 66036078



50ml Heavy Body Mixing Tip 300 S-G300
50ml Heavy Body Mixing Tip 100 S-G100
50ml Heavy Body Mixing Tip 50 S-G50



50ml Mono Body Mixing Tip 100 S-P100
50ml Mono Body Mixing Tip 50 S-P50



50ml Light Body Mixing Tip 300 S-Y300
50ml Light Body Mixing Tip 100 S-Y100
50ml Light Body Mixing Tip 50 S-Y50



50ml Mono Body Oral Tip 100 S-OP100
50ml Light Body Oral Tip 100 S-OY100



Local Anesthetic

e-Driver

- Powerful and accurate torque implementation (minimum 5~35Ncm)
- Speed adjustable (minimum 15~60rpm)
- OrthAnchor fracture prevention and precise positioning
- Convenience for abutment tightening and minimization of screw loosening

OSM-TORQ



SlowJec

- Slow injection and minimizing pain by minimizing pressure changes in the anesthesia
- Automatic pause when over-pressure is detected, automatic injection after pressure reduction
- Automatic injection reduces user's fatigue and allows a fixed quantity
- Easy-to-use wireless and voice guidance

SLOWJEC



Chairside CAD/CAM System

OneMill 4X

- 1 spindle, 4-axis wet high speed, high precision milling equipment capable of prosthetics
 - Single restoration process about 25min
 - $\pm 5\mu\text{m}$ accuracy
 - Check the real time processing status with front LED
- Main body, compressor, CAM S/W installation notebook, basic tools provided
- It is possible to manufacture glass ceramic material

OneMill 4X



Implant Finder

Implant Finder

- Checking accurate implant placement without incision
- Detecting position by number of LED lighting
- Minimal incision shortens recovery period
- Designed for superior usability and grip

DSD-IPF-0100



Implant Finder Sensor

- Includes silicone cover for patient oral protection
- Packing unit : 5ea

DSD-IPF-0200



AIC Consulting Model for Patients

1st AIC Consulting Model

- Maxillary sinus graft & GBR (incorporates 5 fixtures)
- Comparison of submaxillary bridge vs. implant (incorporates 1 fixture)

AICCM001



2nd AIC Consulting Model

- Submaxillary implant overdenture model
- Submaxillary implant overdenture (incorporates 4 fixtures)

AICCM002



3rd AIC Consulting Model

- Model of implants per maxillary case
- Posterior maxillary area
 - Right side : ridge split (incorporates 3 fixtures)
 - Left side : GBR (incorporates 2 fixtures)
- Comparison of anterior maxillary bridge vs. implant (incorporates 1 fixture)

AICCM003



AIC Consulting Model for Patients

4th AIC Consulting Model

- South Korea's first skull model with a comprehensive examples of dental implant cases
- Posterior maxillary area
 - Right side : maxillary floor sinus augmentation
 - Left side : bridge & implant-screwed prosthesis
- Posterior submaxillary area
 - Right side : comparison of dentulous & implant procedures
 - Left side : GBR using SmartBuilder
- Mini implants (MS) in narrow ridge of the anterior submaxillary (incorporates 11 fixtures)
- Neural right side of the submaxillary area (to explain anatomical structures)



AICCM004

OSSTEM[®]
IMPLANT



OSSTEM[®]
IMPLANT