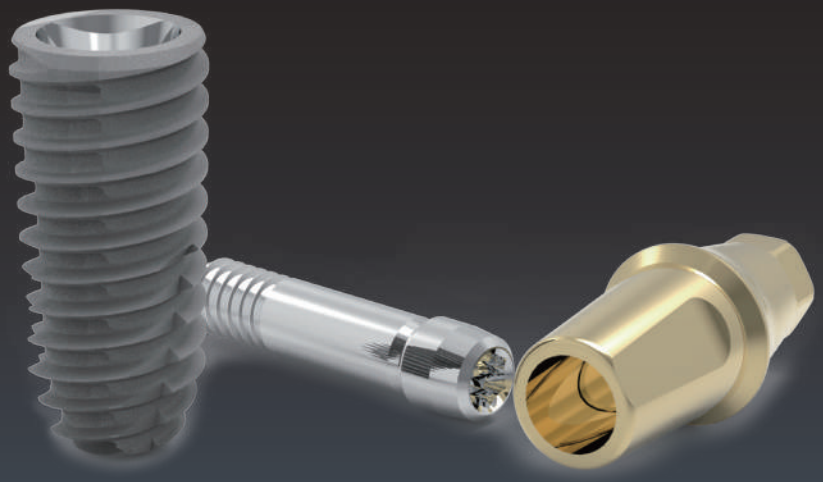
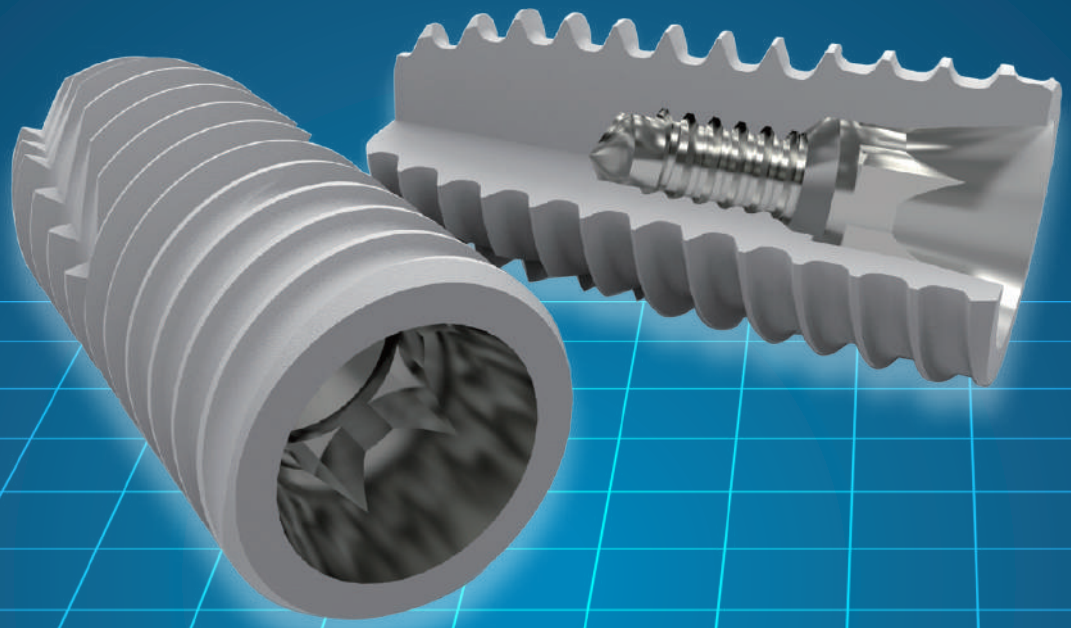
PRODUCT CATALOG

2024 STERI-OSS CATALOG -Rev03

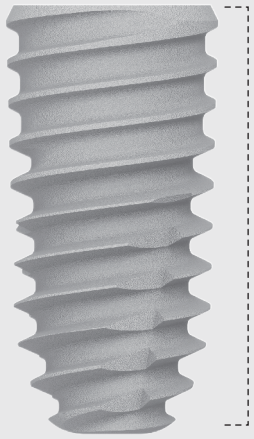


STERI - OSS
Dental Implant System



CONTENTS

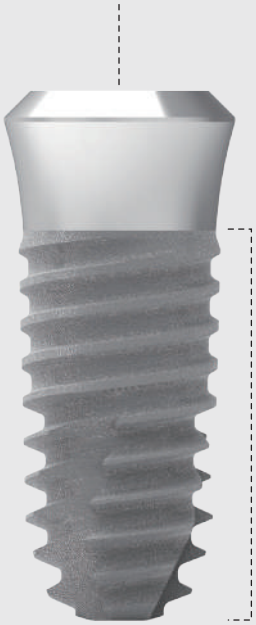
Fixture Design.



Macro Thread
(Double Thread)

Improved self-tapping function.
Enhanced penetration.

BL SYSTEM(Bone Level)



Macro Thread
(Double Thread)

Improved self-tapping function.
Enhanced penetration.

TL SYSTEM(Tissue Level)

Connection

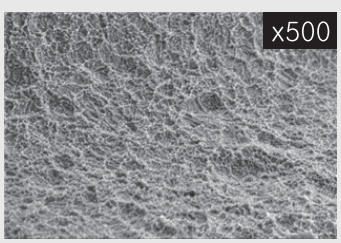
- Submerged type implant with an internal hex 11° taper connection structure
- Optimum screw thread design for SLA surface to achieve consistent roughness
- Taper body design with superior initial stability
- Highest initial stability in soft bone by using upper-section thread and body design
- Powerful self-threading effect using cutting edge design
- Acquires the initial stability needed in immediate loading even in soft bone

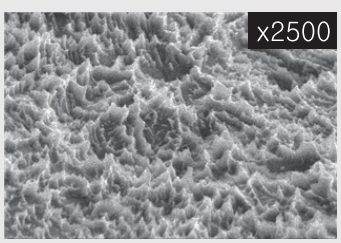
Cutting Edge Design

The cutting edge which applied to fixture designed to have optimum torque at the all the bone conditions.
It is applied and divided by length and size. Added cutting edge to the body thread design could make convenient work for the modification of path and self tapping.

S.L.A Surface

Surface of fixture are excellent in morphology and roughness, increased 50% of the surface area than RBM. The SLA surface and the entire taper shape of Steri-oss fixture could get enough initial fix.





PACKAGE DESIGN

01
Open the package box by pushing the push part in the front side

02
Separate the cover by turning the orange color Outer Cap

03
Take out the Ampule

04
It is more conveniently could open if you rotate the transparent cover with the product upward

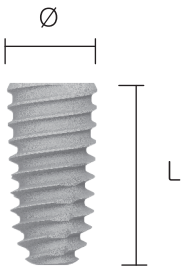
05
Connect the Handpiece connector with Fixture

06
Should check the upper part of fixture meet with low part of Marking Line

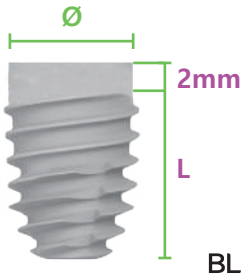
07
Check the Cover Screw by open the white silicone cap in the opposite direction

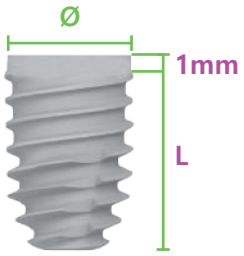
08
Connect the Cover screw with Fixture using 1.2 Hex driver.

STERIOSS IMPLANT
BL(Bone Level) SYSTEM Reference Code.



- Surface tretment : SLA
- Internal Hex : 2.5mm
- Taper connector : 11°
- Female screw : M2.0





BL Extra Short System

Length \ Ø	4.5	4.5	5.0	5.0	6.0	6.0
	5	6	4	5	4	5

Length \ Ø	F3.5(Ø3.8)	F4.0 (Ø4.2)	F4.5(Ø4.6)
5			SD4505S
6			SD4506S
7	SD3507	SD4007	SD4507
8	SD3508	SD4008	SD4508
9	SD3509	SD4009	SD4509
10	SD3510	SD4010	SD4510
11	SD3511	SD4011	SD4511
12	SD3512	SD4012	SD4512
13	SD3513	SD4013	SD4513

Length \ Ø	F5.0 (Ø5.1)	F6.0 (Ø6.0)
4	SD5004S	SD6004S
5	SD5005S	SD6005S
6	SD5006	SD6006
7	SD5007	SD6007
8	SD5008	SD6008
9	SD5009	SD6009
10	SD5010	SD6010
11	SD5011	SD6011
12	SD5012	SD6012
13	SD5013	SD6013

Cover Screw

Ø	4.0
	AM2CSR40

- Long size is used in deep implant insertion
- 1.2mm Hex driver

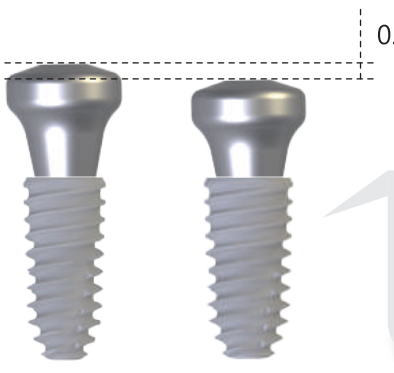
STERIOSS IMPLANT Reference Code.

Healing Abutment

- 1.2mm Hex driver
- Recommended tightening torque : 5~8Ncm

Height \ Ø	4.0	4.5	5.0	5.5	6.0	6.5
3	AM2HAR403	AM2HAR453	AM2HAR503	AM2HAR553	AM2HAR603	AM2HAR653
4	AM2HAR404	AM2HAR454	AM2HAR504	AM2HAR554	AM2HAR604	AM2HAR654
5	AM2HAR405	AM2HAR455	AM2HAR505	AM2HAR555	AM2HAR605	AM2HAR655
6	AM2HAR406	AM2HAR456	AM2HAR506	AM2HAR556	AM2HAR606	AM2HAR656
7	AM2HAR407	AM2HAR457	AM2HAR507	AM2HAR557	AM2HAR607	AM2HAR657
8	AM2HAR408	AM2HAR458	AM2HAR508	AM2HAR558	AM2HAR608	AM2HAR658
9	AM2HAR409	AM2HAR459	AM2HAR509	AM2HAR559	AM2HAR609	AM2HAR659
10		AM2HAR4510	AM2HAR5010		AM2HAR6010	
11		AM2HAR4511	AM2HAR5011		AM2HAR6011	

Connection Guide



3.5 4.0, 4.5, 5.0, 6.0

All abutment except the cover screw could use to all Fixture in common.
But the over 4.0mm connection are 0.5mm higher than 3.5mm connection
For example if use 4.0mm height healing abutment to Ø4.0mm fixture the height to upper part are 4mm but it shall be 4.5mm if it us to Ø3.5mm Fixture

PROSTHETICS FLOW DIAGRAMS.

Screw & Cement Retained Restoration

Abutment Screw

Straight Abutment

Angled Abutment

Milling Abutment

CCM Abutment

Fixture Lab Analog

Temporary Abutment

Pick-up Impression Coping

Transfer Impression Coping

Cover Screw

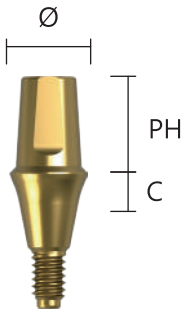
Healing Abutment

Hand Driver(Hex1.2)

3.5 4.0 4.5 5.0 6.0

Reference Code.

Solid Abutment

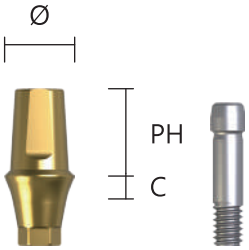


- Used in producing cement-retained prosthetics
- Gold coloring for improved aesthetics
- 1.2mm Hex driver
- Recommended tightening torque : 30Ncm

	Cuff \ Ø	4.0	4.5	5.0	6.0
PH 4	1	AM2SAR401040	AM2SAR451040	AM2SAR501040	AM2SAR601040
	2	AM2SAR402040	AM2SAR452040	AM2SAR502040	AM2SAR602040
	3	AM2SAR403040	AM2SAR453040	AM2SAR503040	AM2SAR603040
	4	AM2SAR404040	AM2SAR454040	AM2SAR504040	AM2SAR604040
	5	AM2SAR405040	AM2SAR455040	AM2SAR505040	AM2SAR605040
	6	AM2SAR406040	AM2SAR456040	AM2SAR506040	AM2SAR606040
PH 5.5	1	AM2SAR401055	AM2SAR451055	AM2SAR501055	AM2SAR601055
	2	AM2SAR402055	AM2SAR452055	AM2SAR502055	AM2SAR602055
	3	AM2SAR403055	AM2SAR453055	AM2SAR503055	AM2SAR603055
	4	AM2SAR404055	AM2SAR454055	AM2SAR504055	AM2SAR604055
	5	AM2SAR405055	AM2SAR455055	AM2SAR505055	AM2SAR605055
	6	AM2SAR406055	AM2SAR456055	AM2SAR506055	AM2SAR606055
PH 7	1	AM2SAR401070	AM2SAR451070	AM2SAR501070	AM2SAR601070
	2	AM2SAR402070	AM2SAR452070	AM2SAR502070	AM2SAR602070
	3	AM2SAR403070	AM2SAR453070	AM2SAR503070	AM2SAR603070
	4	AM2SAR404070	AM2SAR454070	AM2SAR504070	AM2SAR604070
	5	AM2SAR405070	AM2SAR455070	AM2SAR505070	AM2SAR605070
	6	AM2SAR406070	AM2SAR456070	AM2SAR506070	AM2SAR606070

STERIOSS IMPLANT Reference Code.

Straight Abutment (HEX)

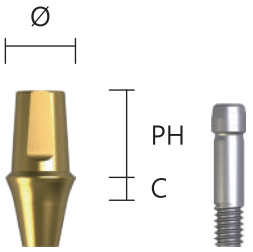


- Used in producing cement-retained prosthetics
- Gold coloring for improved aesthetics
- 1.2mm Hex driver
- Recommended tightening torque : 30Ncm

	Cuff \ Ø	4.0	4.5	5.0	5.5	6.0	6.5
PH 4	1	AM2STR401040H	AM2STR451040H	AM2STR501040H	AM2STR551040H	AM2STR601040H	AM2STR651040H
	2	AM2STR402040H	AM2STR452040H	AM2STR502040H	AM2STR552040H	AM2STR602040H	AM2STR652040H
	3	AM2STR403040H	AM2STR453040H	AM2STR503040H	AM2STR553040H	AM2STR603040H	AM2STR653040H
	4	AM2STR403040H	AM2STR454040H	AM2STR504040H	AM2STR554040H	AM2STR604040H	AM2STR654040H
	5	AM2STR405040H	AM2STR455040H	AM2STR505040H	AM2STR555040H	AM2STR605040H	AM2STR655040H
	6	AM2STR406040H	AM2STR456040H	AM2STR506040H	AM2STR556040H	AM2STR606040H	AM2STR656040H
PH 5.5	1	AM2STR401055H	AM2STR451055H	AM2STR501055H	AM2STR551055H	AM2STR601055H	AM2STR651055H
	2	AM2STR402055H	AM2STR452055H	AM2STR502055H	AM2STR552055H	AM2STR602055H	AM2STR652055H
	3	AM2STR403055H	AM2STR453055H	AM2STR503055H	AM2STR553055H	AM2STR603055H	AM2STR653055H
	4	AM2STR403055H	AM2STR454055H	AM2STR504055H	AM2STR554055H	AM2STR604055H	AM2STR654055H
	5	AM2STR405055H	AM2STR455055H	AM2STR505055H	AM2STR555055H	AM2STR605055H	AM2STR655055H
	6	AM2STR406055H	AM2STR456055H	AM2STR506055H	AM2STR556055H	AM2STR606055H	AM2STR656055H
PH 7	1	AM2STR401070H	AM2STR451070H	AM2STR501070H	AM2STR551070H	AM2STR601070H	AM2STR651070H
	2	AM2STR402070H	AM2STR452070H	AM2STR502070H	AM2STR552070H	AM2STR602070H	AM2STR652070H
	3	AM2STR403070H	AM2STR453070H	AM2STR503070H	AM2STR553070H	AM2STR603070H	AM2STR653070H
	4	AM2STR403070H	AM2STR454070H	AM2STR504070H	AM2STR554070H	AM2STR604070H	AM2STR654070H
	5	AM2STR405070H	AM2STR455070H	AM2STR505070H	AM2STR555070H	AM2STR605070H	AM2STR655070H
	6	AM2STR406070H	AM2STR456070H	AM2STR506070H	AM2STR556070H	AM2STR606070H	AM2STR656070H
	7	AM2STR407070H	AM2STR457070H	AM2STR507070H	AM2STR557070H	AM2STR607070H	AM2STR657070H

STERIOSS IMPLANT Reference Code.

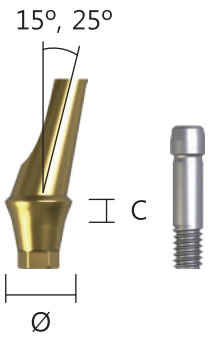
Straight Abutment (NON-HEX)



- Used in producing cement-retained prosthetics
- Gold coloring for improved aesthetics
- 1.2mm Hex driver
- Recommended tightening torque : 30Ncm

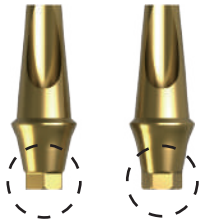
	Cuff \ Ø	4.0	4.5	5.0	5.5	6.0	6.5
PH 4	1	AM2STR401040N	AM2STR451040N	AM2STR501040N	AM2STR551040N	AM2STR601040N	AM2STR651040N
	2	AM2STR402040N	AM2STR452040N	AM2STR502040N	AM2STR552040N	AM2STR602040N	AM2STR652040N
	3	AM2STR403040N	AM2STR453040N	AM2STR503040N	AM2STR553040N	AM2STR603040N	AM2STR653040N
	4	AM2STR403040N	AM2STR454040N	AM2STR504040N	AM2STR554040N	AM2STR604040N	AM2STR654040N
	5	AM2STR405040N	AM2STR455040N	AM2STR505040N	AM2STR555040N	AM2STR605040N	AM2STR655040N
	6	AM2STR406040N	AM2STR456040N	AM2STR506040N	AM2STR556040N	AM2STR606040N	AM2STR656040N
PH 5.5	1	AM2STR401055N	AM2STR451055N	AM2STR501055N	AM2STR551055N	AM2STR601055N	AM2STR651055N
	2	AM2STR402055N	AM2STR452055N	AM2STR502055N	AM2STR552055N	AM2STR602055N	AM2STR652055N
	3	AM2STR403055N	AM2STR453055N	AM2STR503055N	AM2STR553055N	AM2STR603055N	AM2STR653055N
	4	AM2STR403055N	AM2STR454055N	AM2STR504055N	AM2STR554055N	AM2STR604055N	AM2STR654055N
	5	AM2STR405055N	AM2STR455055N	AM2STR505055N	AM2STR555055N	AM2STR605055N	AM2STR655055N
	6	AM2STR406055N	AM2STR456055N	AM2STR506055N	AM2STR556055N	AM2STR606055N	AM2STR656055N
PH 7	1	AM2STR401070N	AM2STR451070N	AM2STR501070N	AM2STR551070N	AM2STR601070N	AM2STR651070N
	2	AM2STR402070N	AM2STR452070N	AM2STR502070N	AM2STR552070N	AM2STR602070N	AM2STR652070N
	3	AM2STR403070N	AM2STR453070N	AM2STR503070N	AM2STR553070N	AM2STR603070N	AM2STR653070N
	4	AM2STR403070N	AM2STR454070N	AM2STR504070N	AM2STR554070N	AM2STR604070N	AM2STR654070N
	5	AM2STR405070N	AM2STR455070N	AM2STR505070N	AM2STR555070N	AM2STR605070N	AM2STR655070N
	6	AM2STR406070N	AM2STR456070N	AM2STR506070N	AM2STR556070N	AM2STR606070N	AM2STR656070N

Angled Abutment (HEX)



- Used when a prosthetic's path adjustment is necessary at 15° or 25° axial angle
- Gold coloring for improved aesthetics
- 1.2mm Hex driver
- Recommended tightening torque : 30Ncm

Angled Abutment Guide

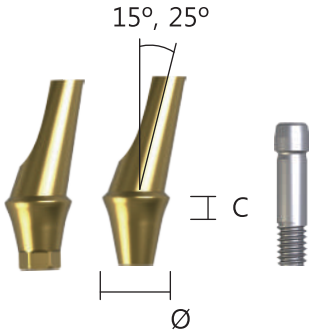


- 12 orientation choices with two types of hexes, H and V

	Cuff \ Ø	4.0	4.5	5.0	5.5	6.0	6.5
H TYPE							
15°HEX	1	AM2AAR40115H	AM2AAR45115H	AM2AAR50115H	AM2AAR55115H	AM2AAR60115H	AM2AAR65115H
	2	AM2AAR40215H	AM2AAR45215H	AM2AAR50215H	AM2AAR55215H	AM2AAR60215H	AM2AAR65215H
	3	AM2AAR40315H	AM2AAR45315H	AM2AAR50315H	AM2AAR55315H	AM2AAR60315H	AM2AAR65315H
	4	AM2AAR40415H	AM2AAR45415H	AM2AAR50415H	AM2AAR55415H	AM2AAR60415H	AM2AAR65415H
	5	AM2AAR40515H	AM2AAR45515H	AM2AAR50515H	AM2AAR55515H	AM2AAR60515H	AM2AAR65515H
	6	AM2AAR40615H	AM2AAR45615H	AM2AAR50615H	AM2AAR55615H	AM2AAR60615H	AM2AAR65615H
25°HEX	1	AM2AAR40125H	AM2AAR45125H	AM2AAR50125H	AM2AAR55125H	AM2AAR60125H	AM2AAR65125H
	2	AM2AAR40225H	AM2AAR45225H	AM2AAR50225H	AM2AAR55225H	AM2AAR60225H	AM2AAR65225H
	3	AM2AAR40325H	AM2AAR45325H	AM2AAR50325H	AM2AAR55325H	AM2AAR60325H	AM2AAR65325H
	4	AM2AAR40425H	AM2AAR45425H	AM2AAR50425H	AM2AAR55425H	AM2AAR60425H	AM2AAR65425H
	5	AM2AAR40525H	AM2AAR45525H	AM2AAR50525H	AM2AAR55525H	AM2AAR60525H	AM2AAR65525H
	6	AM2AAR40625H	AM2AAR45625H	AM2AAR50625H	AM2AAR55625H	AM2AAR60625H	AM2AAR65625H
V TYPE							
15°HEX	1	AM2AAR40115V	AM2AAR45115V	AM2AAR45115V	AM2AAR45115V	AM2AAR60115V	AM2AAR65115V
	2	AM2AAR40215V	AM2AAR45215V	AM2AAR45215V	AM2AAR45215V	AM2AAR60215V	AM2AAR65215V
	3	AM2AAR40315V	AM2AAR45315V	AM2AAR45315V	AM2AAR45315V	AM2AAR60315V	AM2AAR65315V
	4	AM2AAR40415V	AM2AAR45415V	AM2AAR45415V	AM2AAR45415V	AM2AAR60415V	AM2AAR65415V
	5	AM2AAR40515V	AM2AAR45515V	AM2AAR45515V	AM2AAR45515V	AM2AAR60515V	AM2AAR65515V
	6	AM2AAR40615V	AM2AAR45615V	AM2AAR45615V	AM2AAR45615V	AM2AAR60615V	AM2AAR65615V
25°HEX	1	AM2AAR40125V	AM2AAR45125V	AM2AAR45125V	AM2AAR45125V	AM2AAR45125V	AM2AAR45125V
	2	AM2AAR40225V	AM2AAR45225V	AM2AAR45225V	AM2AAR45225V	AM2AAR45225V	AM2AAR45225V
	3	AM2AAR40325V	AM2AAR45325V	AM2AAR45325V	AM2AAR45325V	AM2AAR45325V	AM2AAR45325V
	4	AM2AAR40425V	AM2AAR45425V	AM2AAR45425V	AM2AAR45425V	AM2AAR45425V	AM2AAR45425V
	5	AM2AAR40525V	AM2AAR45525V	AM2AAR45525V	AM2AAR45525V	AM2AAR45525V	AM2AAR45525V
	6	AM2AAR40625V	AM2AAR45625V	AM2AAR45625V	AM2AAR45625V	AM2AAR45625V	AM2AAR45625V

STERIOSS IMPLANT Reference Code.

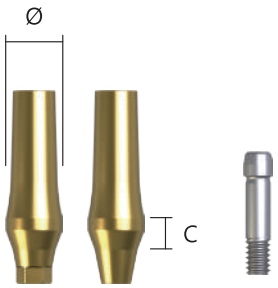
Angled Abutment (NON-HEX)



- Used when a prosthetic's path adjustment is necessary at 15° or 25° axial angle
- Gold coloring for improved aesthetics
- 1.2mm Hex driver
- Recommended tightening torque : 30Ncm

	Cuff \ Ø	4.0	4.5	5.0	5.5	6.0	6.5
15° NON-HEX	1	AM2AAR40115N	AM2AAR45115N	AM2AAR50115N	AM2AAR55115N	AM2AAR60115N	AM2AAR65115N
	2	AM2AAR40215N	AM2AAR45215N	AM2AAR50215N	AM2AAR55215N	AM2AAR60215N	AM2AAR65215N
	3	AM2AAR40315N	AM2AAR45315N	AM2AAR50315N	AM2AAR55315N	AM2AAR60315N	AM2AAR65315N
	4	AM2AAR40415N	AM2AAR45415N	AM2AAR50415N	AM2AAR55415N	AM2AAR60415N	AM2AAR65415N
	5	AM2AAR40515N	AM2AAR45515N	AM2AAR50515N	AM2AAR55515N	AM2AAR60515N	AM2AAR65515N
	6	AM2AAR40615N	AM2AAR45615N	AM2AAR50615N	AM2AAR55615N	AM2AAR60615N	AM2AAR65615N
25° NON-HEX	1	AM2AAR40125N	AM2AAR45125N	AM2AAR50125N	AM2AAR55125N	AM2AAR60125N	AM2AAR65125N
	2	AM2AAR40225N	AM2AAR45225N	AM2AAR50225N	AM2AAR55225N	AM2AAR60225N	AM2AAR65225N
	3	AM2AAR40325N	AM2AAR45325N	AM2AAR50325N	AM2AAR55325N	AM2AAR60325N	AM2AAR65325N
	4	AM2AAR40425N	AM2AAR45425N	AM2AAR50425N	AM2AAR55425N	AM2AAR60425N	AM2AAR65425N
	5	AM2AAR40525N	AM2AAR45525N	AM2AAR50525N	AM2AAR55525N	AM2AAR60525N	AM2AAR65525N
	6	AM2AAR40625N	AM2AAR45625N	AM2AAR50625N	AM2AAR55625N	AM2AAR60625N	AM2AAR65625N

Milling Abutment



	Cuff \ Ø	4.0	4.5	5.0	6.0
HEX	1.5	AM2MAR4015H	AM2MAR4515H	AM2MAR5015H	AM2MAR6015H
	3	AM2MAR4030H	AM2MAR4530H	AM2MAR5030H	AM2MAR6030H
NON-HEX	1.5	AM2MAR4015N	AM2MAR4515N	AM2MAR5015N	AM2MAR6015N
	3	AM2MAR4030N	AM2MAR4530N	AM2MAR5030N	AM2MAR6030N

- Used when an abutment's path must be altered or a prosthetic's margin area must be customized
- Gold coloring for improved aesthetics
- 1.2mm Hex driver
- Recommended tightening torque : 30Ncm

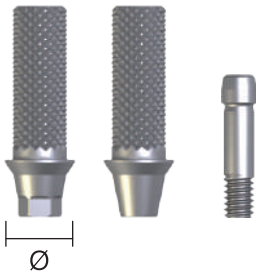
CCM Abutment

HEX	NON-HEX
ECCRH401C	ECCRN401C

Abutment Screw

AM2ASR

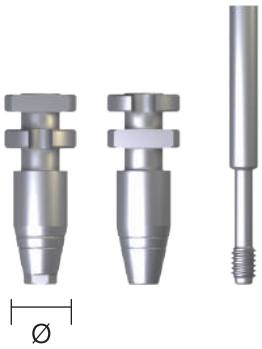
Temporary Abutment



- Used in producing temporary prosthetics
- Structure enabling easy customization
- 1.2mm Hex driver
- Recommended tightening torque : 20Ncm

Type \ Ø	4.5
HEX	AM2TAR 4510H
NON-HEX	AM2TAR4510N

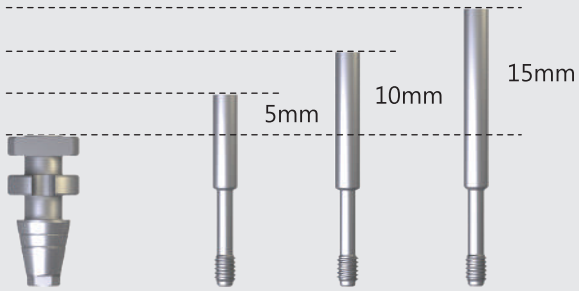
Pick-up Impression Coping



	Type \ Ø	4.0	4.5	5.0	5.5	6.0	6.5
HEX	SHORT	AM2PIR40SH	AM2PIR45SH	AM2PIR50SH	AM2PIR55SH	AM2PIR60SH	AM2PIR65SH
	LONG	AM2PIR40LH	AM2PIR45LH	AM2PIR50LH	AM2PIR55LH	AM2PIR60LH	AM2PIR65LH
NON-HEX	SHORT	AM2PIR40SN	AM2PIR45SN	AM2PIR50SN	AM2PIR55SN	AM2PIR60SN	AM2PIR65SN
	LONG	AM2PIR40LN	AM2PIR45LN	AM2PIR50LN	AM2PIR55LN	AM2PIR60LN	AM2PIR65LN

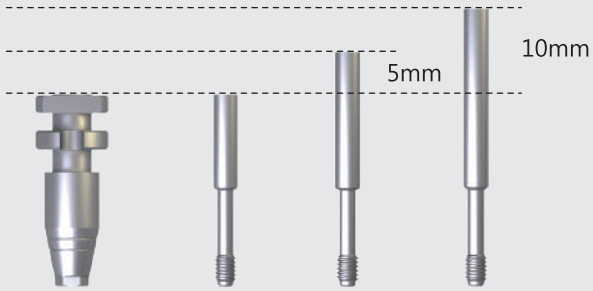
- Takes impression using open tray technique
- Superior impression stability with an extended flat & groove
- 1.2mm Hex driver

Impression Coping Guide



SHORT AM2GPR00, AM2GPR05, AM2GPR10

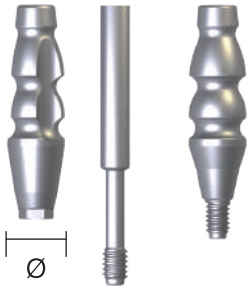
16



LONG AM2GPR00, AM2GPR05, AM2GPR10

STERIOSS IMPLANT Reference Code.

Transfer Impression Coping



- Takes impression using closed tray technique
- 1.2mm Hex driver

	Type \ Ø	4.0	4.5	5.0	5.5	6.0	6.5
HEX	SHORT	AM2TIR40SH	AM2TIR45SH	AM2TIR50SH	AM2TIR55SH	AM2TIR60SH	AM2TIR65SH
	LONG	AM2TIR40LH	AM2TIR45LH	AM2TIR50LH	AM2TIR55LH	AM2TIR60LH	AM2TIR65LH
NON-HEX	SHORT	AM2TIR40SN	AM2TIR45SN	AM2TIR50SN	AM2TIR55SN	AM2TIR60SN	AM2TIR65SN
	LONG	AM2TIR40LN	AM2TIR45LN	AM2TIR50LN	AM2TIR55LN	AM2TIR60LN	AM2TIR65LN

Fixture Lab Analog

- Achieves fixture in oral cavity on a working model

Ø	3.5	4.0
	FLAR35	FLAR40

Abutment Lab Analog

Height \ Ø	4.0	4.5	5.0	6.0
4	ALA4040	ALA4440	ALA5040	ALA6040
5.5	ALA4055	ALA4455	ALA5055	ALA6055
7	ALA4070	ALA4470	ALA5070	ALA6070

PROSTHETICS FLOW DIAGRAMS.

Screw & Cement Retained Restoration

Esthetic Plastic Abutment

Esthetic Lab Analog

Esthetic Temporeary Abutment

Esthetic Impression Coping

Esthetic Angled Abutment

Esthetic Abutment

Esthetic Healing Cap

Esthetic Driver (TED33S,TED33L)

Cover Screw

Healing Abutment

Hand Driver(Hex1.2)

3.5 4.0 4.5 5.0 6.0

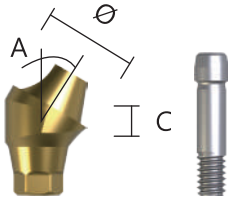
STERIOSS IMPLANT Reference Code.

Esthetic Solid Abutment

- Used in screw type prosthetics in multiple cases
- Gold coloring for improved aesthetics
- Recommended tightening torque : 30Ncm

Cuff \ Ø	4.8
1	AM2ESR10
2	AM2ESR20
3	AM2ESR30
4	AM2ESR40
5	AM2ESR50
6	AM2ESR60

Esthetic Angled Abutment



- Used in implant path compensation in screw retained multiple case
- Up to 60˚path compensation (two implant standard)
- Gold coloring for improved aesthetics
- Recommended tightening torque : 30Ncm
- 1.2mm Hex driver

Cuff \ Ø	4.8
17° 2	AM2EAR2017
17° 3	AM2EAR3017
17° 4	AM2EAR4017
30° 3	AM2EAR3030
30° 4	AM2EAR4030
30° 5	AM2EAR5030

STERIOSS IMPLANT Reference Code.

Esthetic Healing Cap

Ø 4.8

AM2EHC

- Used when protecting a convertible abutment
  in the oral cavity and minimizing foreign body sensation for the patient
- Recommended tightening torque : 20Ncm
- 1.2mm Hex driver

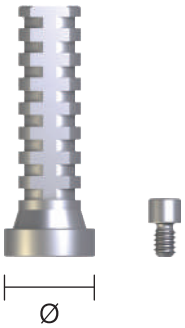
Esthetic Pick-up Impression Coping

Ø 4.8

AM2EPI

- Takes impression using open tray
- Superior impression stability with an extended flat & groove
- 1.2mm Hex driver

Esthetic Temporary Abutment



Ø 4.8

AM2ETC

- Used in producing temporary prosthetics
- Structure enabling easy customization and minimizing indication restrictions
- 1.2mm Hex driver
- Recommended tightening torque : 20Ncm

STERIOSS IMPLANT Reference Code.

Esthetic Plastic Abutment

Ø 4.8

AM2EPC

- Used in producing screw maintenance prosthetics
- Produces prosthetics after casting with dentalgrade alloy (gold, non-precious metals) after customization
- 1.2mm Hex driver
- Recommended tightening torque : 20Ncm

Esthetic Lab Analog

Ø 4.8

ELA48

- Achieves Esthetic Solid Abutment of the oral cavity on a working model

PROSTHETICS FLOW DIAGRAMS.

Overdenture Restoration

Ball Cap

O-ring

Ball Lab Analog

Ball Abutment

Ball Driver
(TBD24S,TBD24L)

Cover Screw

Healing Abutment

Hand Driver(Hex1.2)

3.5 4.0 4.5 5.0 6.0

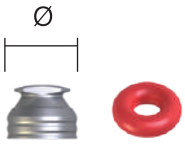
STERIOSS IMPLANT Reference Code.

Ball Abutment

- Used in creating stud type overdenture prosthetics
- Gold coloring for improved aesthetics
- Rotator Abutment driver
- Recommended tightening torque : 30Ncm

Cuff \ Ø	4.0
0	AM2BAR00
1	AM2BAR01
2	AM2BAR02
3	AM2BAR03
4	AM2BAR04
5	AM2BAR05
6	AM2BAR06

Ball Cap



- Used in creating stud type overdenture prosthetics

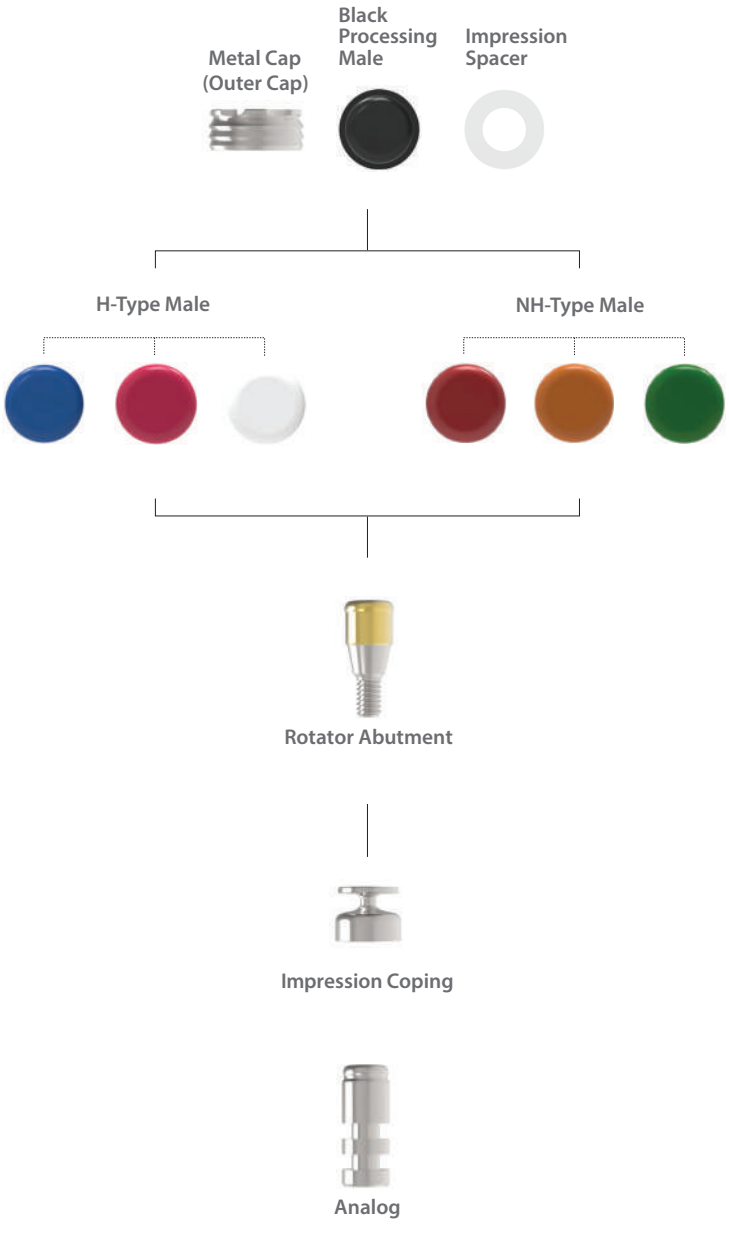
Ø	4.0
	AM2BC

Ball Lab Analog

Ø	3.5
	BLA35

PROSTHETICS FLOW DIAGRAMS.

Overdenture Restoration



STERI - OSS
Dental Implant System

STERIOSS IMPLANT Reference Code.

Rotator Abutment

Ø Cuff	
1	LOSGSR3710
2	LOSGSR3720
3	LOSGSR3730
4	LOSGSR3740
5	LOSGSR3750
6	LOSGSR3760
7	LOSGSR3770
8	LOSGSR3780

- Used in creating Rotator type overdenture prosthetics
- Gold coloring for improved aesthetics
- **Rotator Abutment driver**
- Recommended tightening torque : 30Ncm

Impression Cap

Ø	
4.0	ROTIP

- Used in creating Rotator type overdenture prosthetics

Rotator Analog

Ø	
4.0	ROTAL 40

- Achieves Rotator Abutment of the oral cavity on a working model

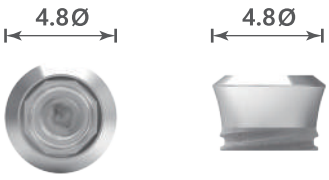
STERIOSS IMPLANT
TL(Tissue Level) SYSTEM Reference Code.

FIXTURE starts from 6mm and has a maximum of 13mm every 1mm.

3.5 / 4.0 / 4.5 / 5.0

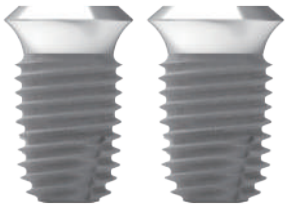
FISR

Fixture System Regular(FISR)
5.0 Prosthetic Connection



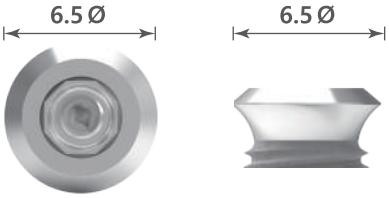
Fixture System Regular(FISR)
5.0 Prosthetic Connection is compatible with all Straurmann ITI Regular Neck 4.8ø Implants.

5.0 / 6.0



FISW

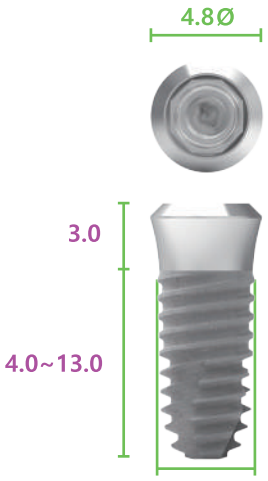
Fixture System Wide(FISW)
6.0 Prosthetic Connection



Fixture System Wide(FISW)
6.5 Prosthetic Connection is compatible with all Straurmann ITI Wide Neck 6.5ø Implants.

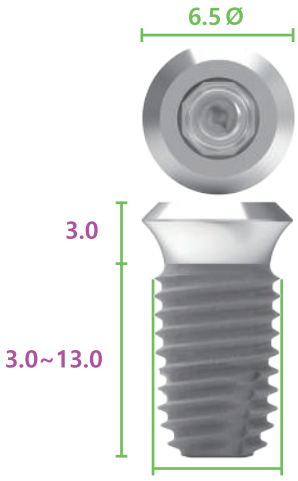
TL(Tissue Level) SYSTEM Reference Code.

FIXTURE starts from 6mm and has a maximum of 13mm every 1mm.



FISR

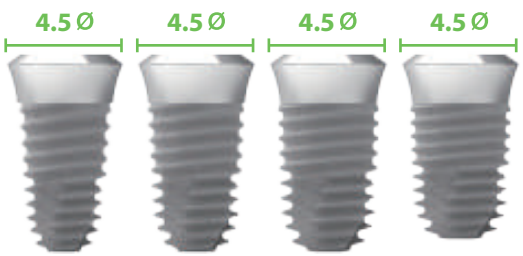
Cuff \ Ø	3.5	4.0	4.5	5.0
3				FISR 513030
4		FISR 423040	FISR 463040	FISR 513040
5		FISR 423050	FISR 463050	FISR 513050
6		FISR 423060	FISR 463060	FISR 513060
7	FISR 383070	FISR 423070	FISR 463070	FISR 513070
8	FISR 383080	FISR 423080	FISR 463080	FISR 513080
9	FISR 383090	FISR 423090	FISR 463090	FISR 513090
10	FISR 3830100	FISR 4230100	FISR 4630100	FISR 5130100
11	FISR 3830110	FISR 4230110	FISR 4630110	FISR 5130110
12	FISR 3830120	FISR 4230120	FISR 4630120	FISR 5130120
13	FISR 3830130	FISR 4230130	FISR 4630130	FISR 5130130



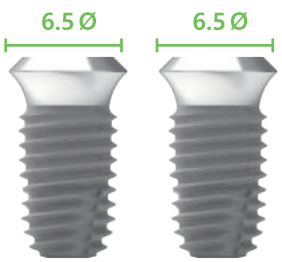
FISW

Cuff \ Ø	5.0	6.0
3	FISW 513030	FISW 603030
4	FISW 513040	FISW 603040
5	FISW 513050	FISW 603050
6	FISW 513060	FISW 603060
7	FISW 513070	FISW 603070
8	FISW 513080	FISW 603080
9	FISW 513090	FISW 603090
10	FISW 5130100	FISW 6030100
11	FISW 5130110	FISW 6030110
12	FISW 5130120	FISW 6030120
13	FISW 5130130	FISW 6030130

Dia 3.5 / 4.0 / 4.5 / 5.0



Dia 5.0 / 6.0



STERIOSS IMPLANT Reference Code.

Connection Guide

Cover Screw

Headless Cover Screw

SIHLS

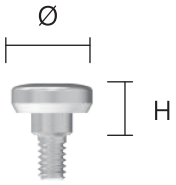
Cover Screw

SICSR 48

WD Cover Screw

SICSW 65

Healing Abutment



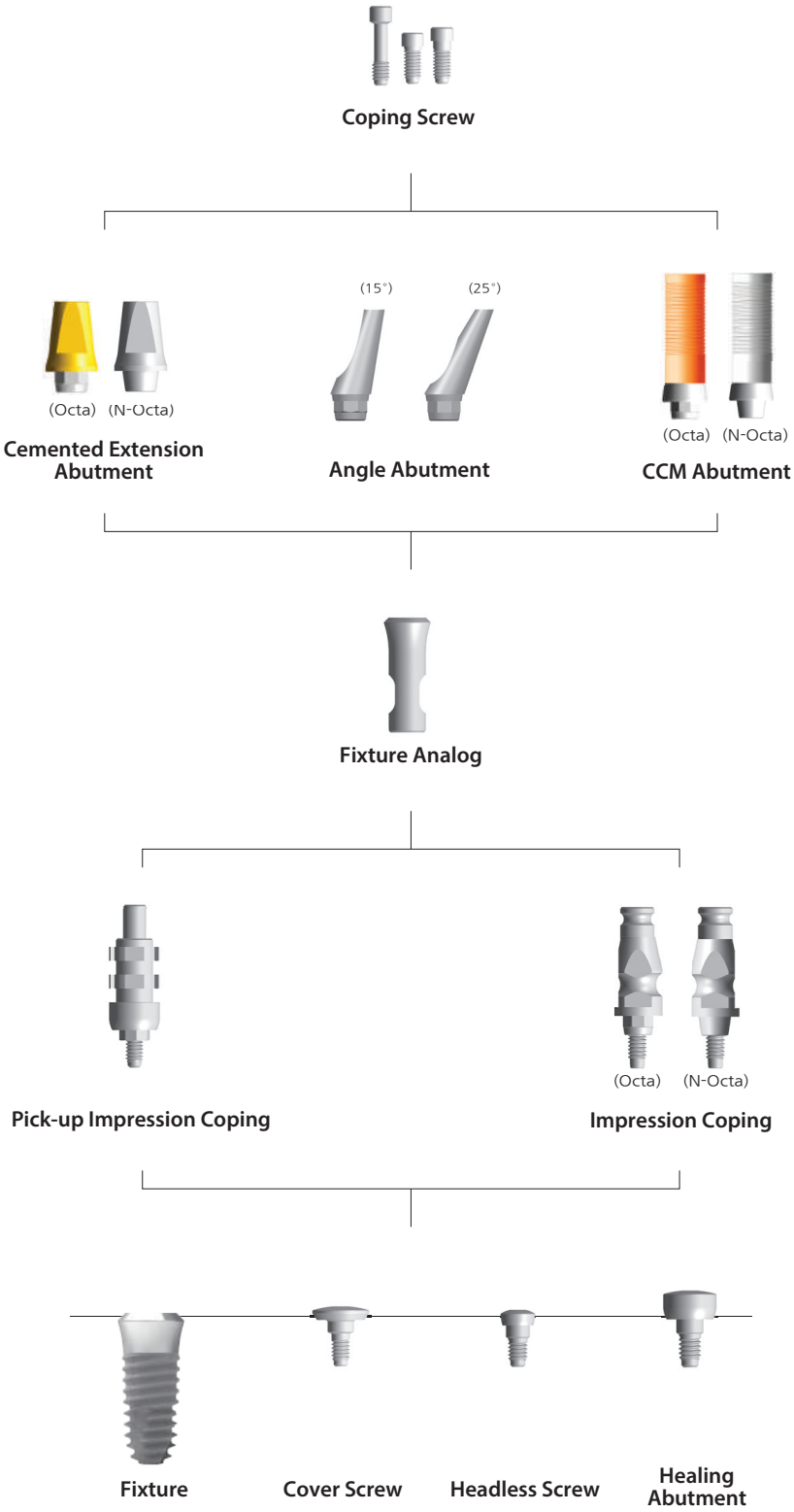
- 1.2mm Hex driver
- Recommended tightening torque : 5~8Ncm

Height	Ø	SIHARDP
4.8		SIHARDP1
		SIHARDP2
		SIHARDP3
		SIHARDP4

Height	Ø	SIHAWDP
6.5		SIHAWDP1
		SIHAWDP2
		SIHAWDP3
		SIHAWDP4

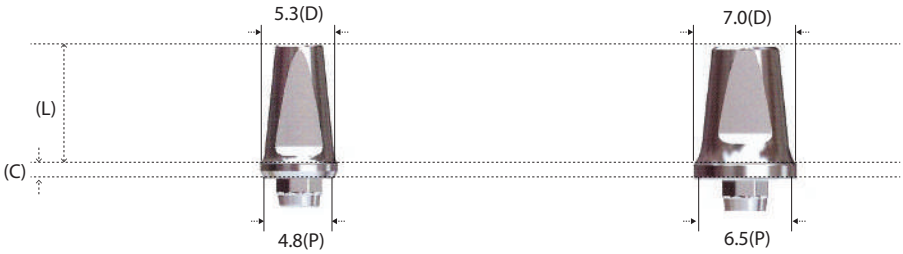
PROSTHETICS FLOW DIAGRAMS.

Screw & Cement Retained Restoration



STERIOSS IMPLANT Reference Code.

Straight Abutment

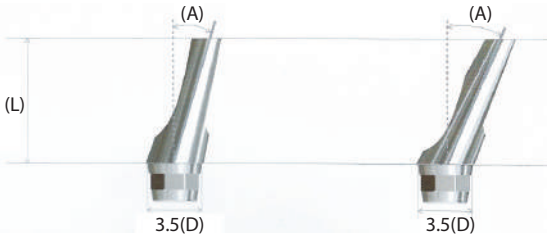


Cuff	Ø4.8 RP
0	SISTARDP060
1	SISTARDP160
2	SISTARDP260
3	SISTARDP360
4	SISTARDP460

Cuff	Ø6.5 WP
0	SISTAWDP060
1	SISTAWDP160
2	SISTAWDP260
3	SISTAWDP360
4	SISTAWDP460

STERIOSS IMPLANT Reference Code.

Angled Abutment



	15°	25°
(RP)	SIAAR DP 0615O	SIAAR DP 0625O
	16150	16250
	26150	26250
	36150	36250
	46150	46250

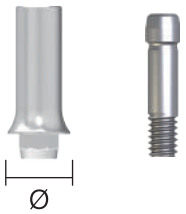
	15°	25°
(WP)	SIAAW DP 0615O	SIAAW DP 0625O
	1615O	1625O
	26150	26250
	36150	36250
	46150	46250

CCM Abutment

CCM Abutment

	OCTA	NON OCTA
(RP)	ICCORH481D	ICCORN481D
(WP)	ITW-O	ITW-N

Temporary Abutment

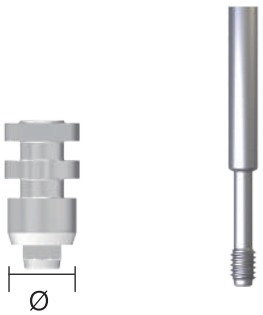


- Used in producing temporary prosthetics
- Structure enabling easy customization
- 1.2mm Hex driver
- Recommended tightening torque : 20Ncm

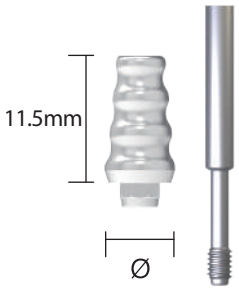
RP	WP
SITARDPO	SITAWDPO

Pick-up Impression Coping

RP	WP
SIPIRDPSO	SIPIWDPSO
SIPIRDPLO	SIPIWDPLO



Transfer Impression Coping



- Takes impression using closed tray technique
- 1.2mm Hex driver

RP	WP
SITIRDPSO	SITIWDPSO
SITIRDPLO	SITIWDPLO

STERIOSS IMPLANT Reference Code.

Solid Abutment

Hight	RP	WP
3mm	SISARDP3	SISAWDP3
4mm	SISARDP4	SISAWDP4
5mm	SISARDP5	SISAWDP5
6mm	SISARDP6	SISAWDP6
7mm	SISARDP7	SISAWDP7

Plastic Imperssion Coping

RP	WP
SIPCRDP7	SIPCWDP7

Fixture Lab Analog

RP	WP
SIFLARDP	SIFLAWDP

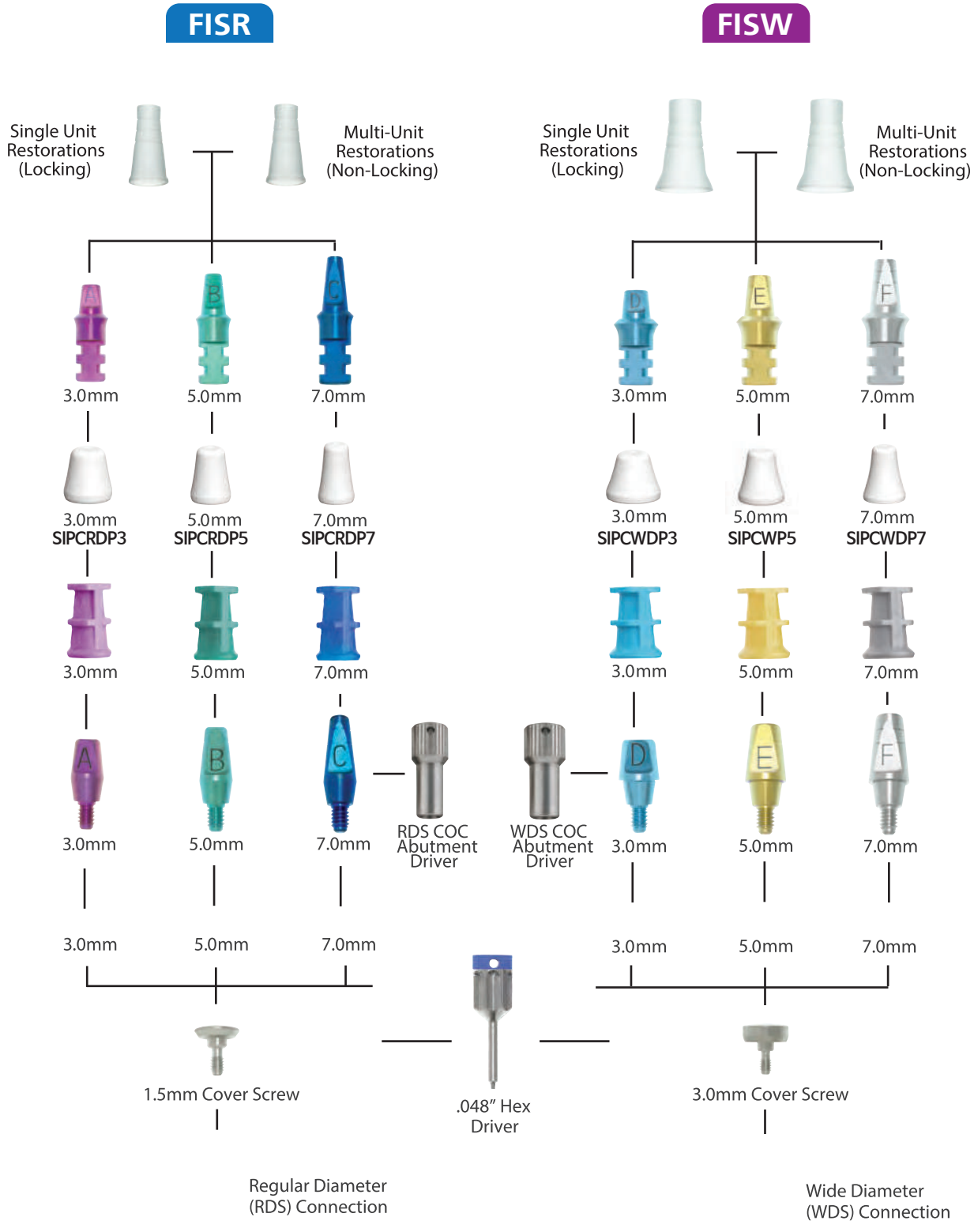
- Achieves fixture in oral cavity on a working model

Solid Lab Analog

RP	WP
SIFALRDP3	SIFALWDP3
SIFALRDP4	SIFALWDP4
SIFALRDP5	SIFALWDP5
SIFALRDP6	SIFALWDP6
SIFALRDP7	SIFALWDP7

PROSTHETICS FLOW DIAGRAMS.

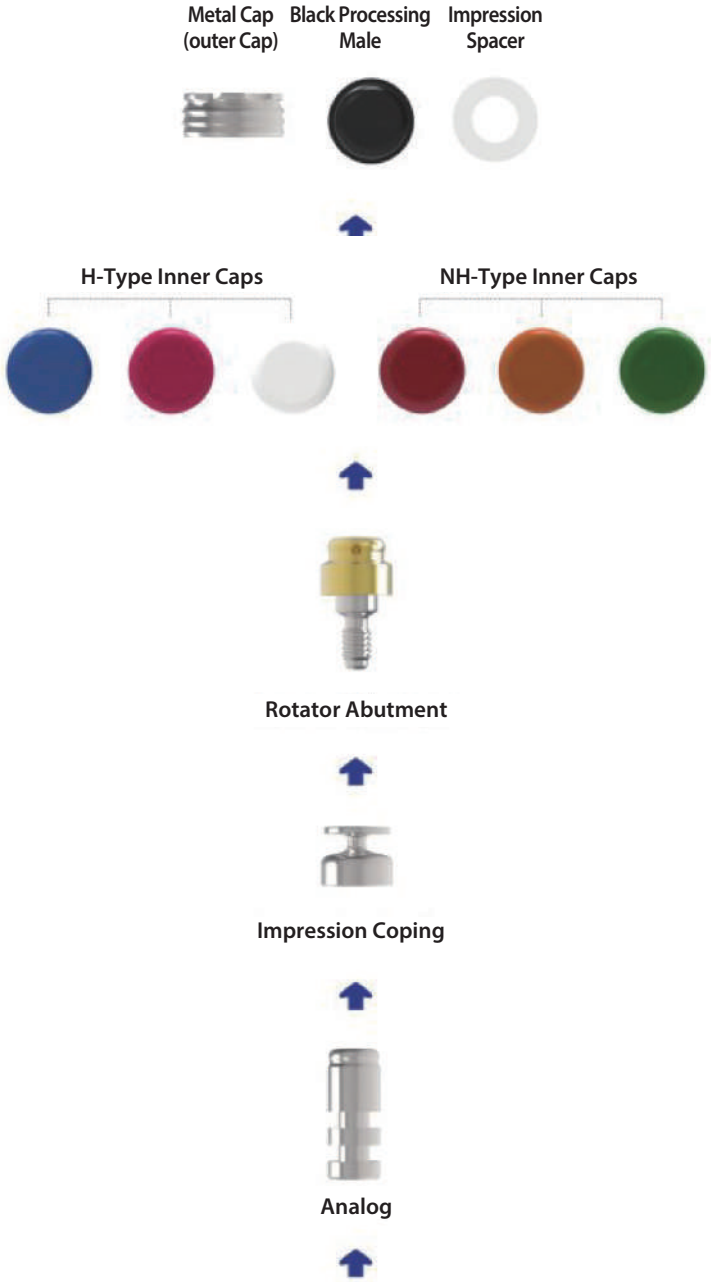
Screw & Cement Retained Restoration



STERI - OSS Dental Implant System

PROSTHETICS FLOW DIAGRAMS.

Overdenture & Cement Retained Restoration



STERIOSS IMPLANT Reference Code.

Rotator Abutment

Ø Cuff	
0	LGSSSR4800
1	LGSSSR4810
2	LGSSSR4820
3	LGSSSR4830
4	LGSSSR4840

- Used in creating stud type overdenture prosthetics
- Gold coloring for improved aesthetics
- Ball Abutment driver
- Recommended tightening torque : 30Ncm

Impression Cap

Ø	
4.0	ROTIP

- Used in creating Rotator type overdenture prosthetics

Rotator Lab Analog

Ø	
4.0	ROTAL 40

- Achieves Rotator Abutment of the oral cavity on a working model

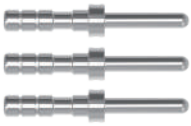
Kit Rendering

Surgical Kit Lay-out

Point Drill

TPD16

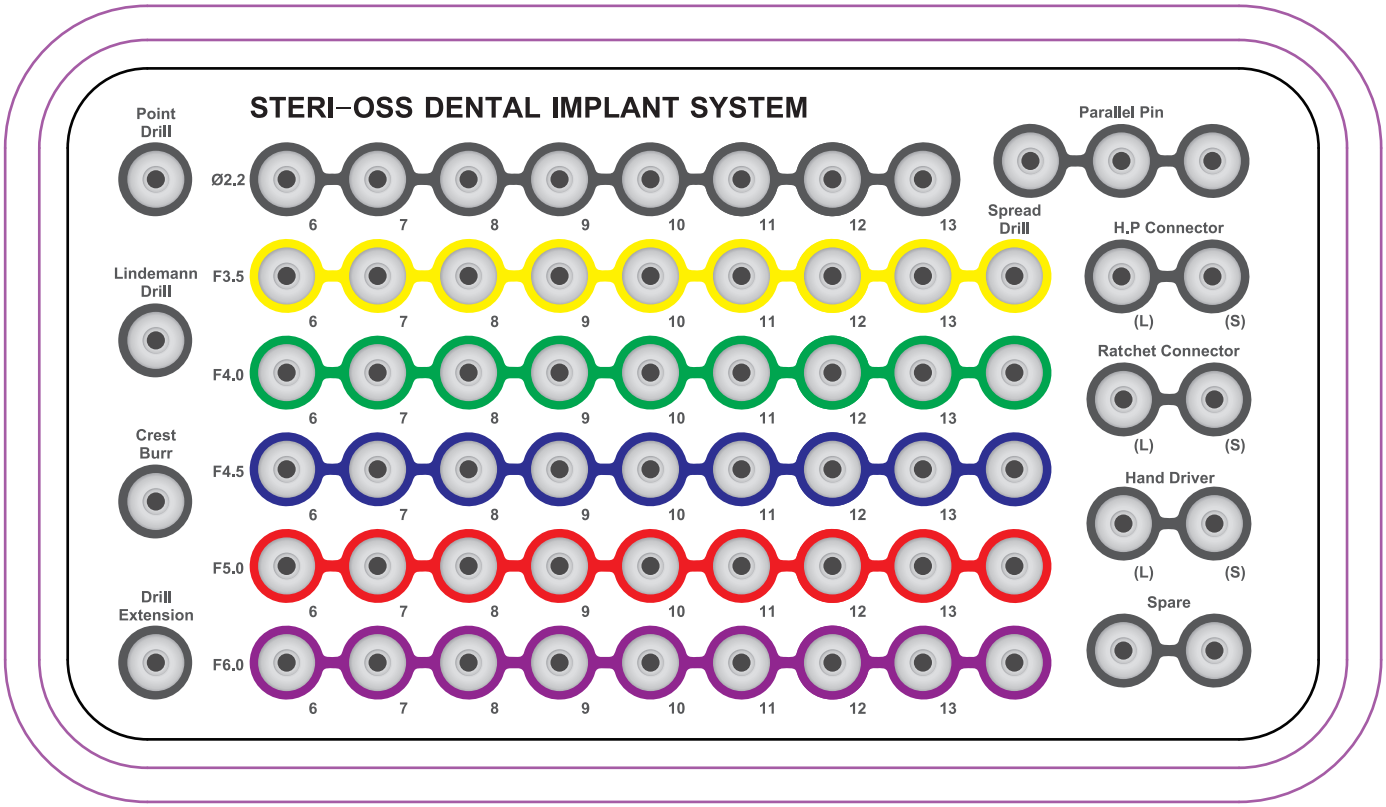
Parallel Pin



TTP

Drill Extension

TDE



Lindermann Drill

TLD

Crest Burr

TCB

BL H.P Connector

THC 25L

THC 25S

BL Torque Connector

TWTC 25L

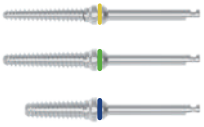
TWTC 25M

Hand Driver

THD12L

THD12S

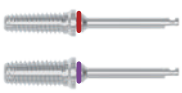
Spread Drill



TSPD35

TSPD40

TSPD45



TSPD50

TSPD60

Torque Wrench

STW01

Surgical Kit

Step Drill

Ø2.2

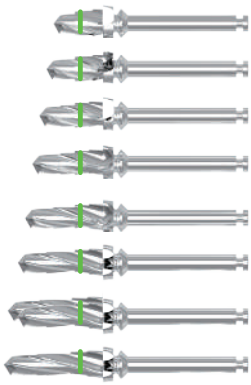
[TSD2206]
[TSD2207]
[TSD2208]
[TSD2209]
[TSD2210]
[TSD2211]
[TSD2212]
[TSD2213]

F3.5 (Ø3.5)

[TSD3506]
[TSD3507]
[TSD3508]
[TSD3509]
[TSD3510]
[TSD3511]
[TSD3512]
[TSD3513]

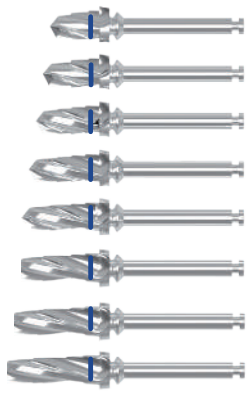
F4.0 (Ø4.0)

[TSD4006]
[TSD4007]
[TSD4008]
[TSD4009]
[TSD4010]
[TSD4011]
[TSD4012]
[TSD4013]



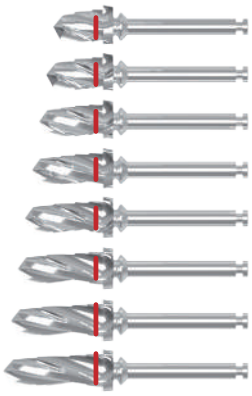
F4.5 (Ø4.4)

[TSD4506]
[TSD4507]
[TSD4508]
[TSD4509]
[TSD4510]
[TSD4511]
[TSD4512]
[TSD4513]



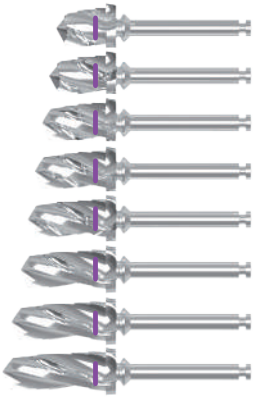
F5.0 (Ø4.9)

[TSD5006]
[TSD5007]
[TSD5008]
[TSD5009]
[TSD5010]
[TSD5011]
[TSD5012]
[TSD5013]



F6.0 (Ø5.8)

[TSD6006]
[TSD6007]
[TSD6008]
[TSD6009]
[TSD6010]
[TSD6011]
[TSD6012]
[TSD6013]



Full Surgical Kit STCK1

Point Drill [TPD16]

Lindermann Drill [TLD]

Crest Bur [TCB]

Drill Extension [TDE]

Step Dill

[TSD2206]	[TSD3506]	[TSD4006]	[TSD4506]	[TSD5006]	[TSD6006]
[TSD2207]	[TSD3507]	[TSD4007]	[TSD4507]	[TSD5007]	[TSD6007]
[TSD2208]	[TSD3508]	[TSD4008]	[TSD4508]	[TSD5008]	[TSD6008]
[TSD2209]	[TSD3509]	[TSD4009]	[TSD4509]	[TSD5009]	[TSD6009]
[TSD2210]	[TSD3510]	[TSD4010]	[TSD4510]	[TSD5010]	[TSD6010]
[TSD2211]	[TSD3511]	[TSD4011]	[TSD4511]	[TSD5011]	[TSD6011]
[TSD2212]	[TSD3512]	[TSD4012]	[TSD4512]	[TSD5012]	[TSD6012]
[TSD2213]	[TSD3513]	[TSD4013]	[TSD4513]	[TSD5013]	[TSD6013]

Spreader Drill
[TSPD35]
[TSPD40]
[TSPD45]
[TSPD50]
[TSPD60]

Parallel Pin 3EA

H.P Connector
Long THC25L
Short THC25S

Ratchet Connector
Long TWTC25L
Short TWTC25M

Hand Driver
Long THD12L
Short THD12S

Torque Wrench [STW01]

Standard Surgical Kit STCK2

Point Drill [TPD16]

Lindermann Drill [TLD]

Crest Bur [TCB]

Drill Extension [TDE]

Step Dill

[TSD2206]	[TSD3506]	[TSD4006]	[TSD4506]	[TSD5006]
[TSD2207]	[TSD3507]	[TSD4007]	[TSD4507]	[TSD5007]
[TSD2208]	[TSD3508]	[TSD4008]	[TSD4508]	[TSD5008]
[TSD2209]	[TSD3509]	[TSD4009]	[TSD4509]	[TSD5009]
[TSD2210]	[TSD3510]	[TSD4010]	[TSD4510]	[TSD5010]

Parallel Pin 3EA

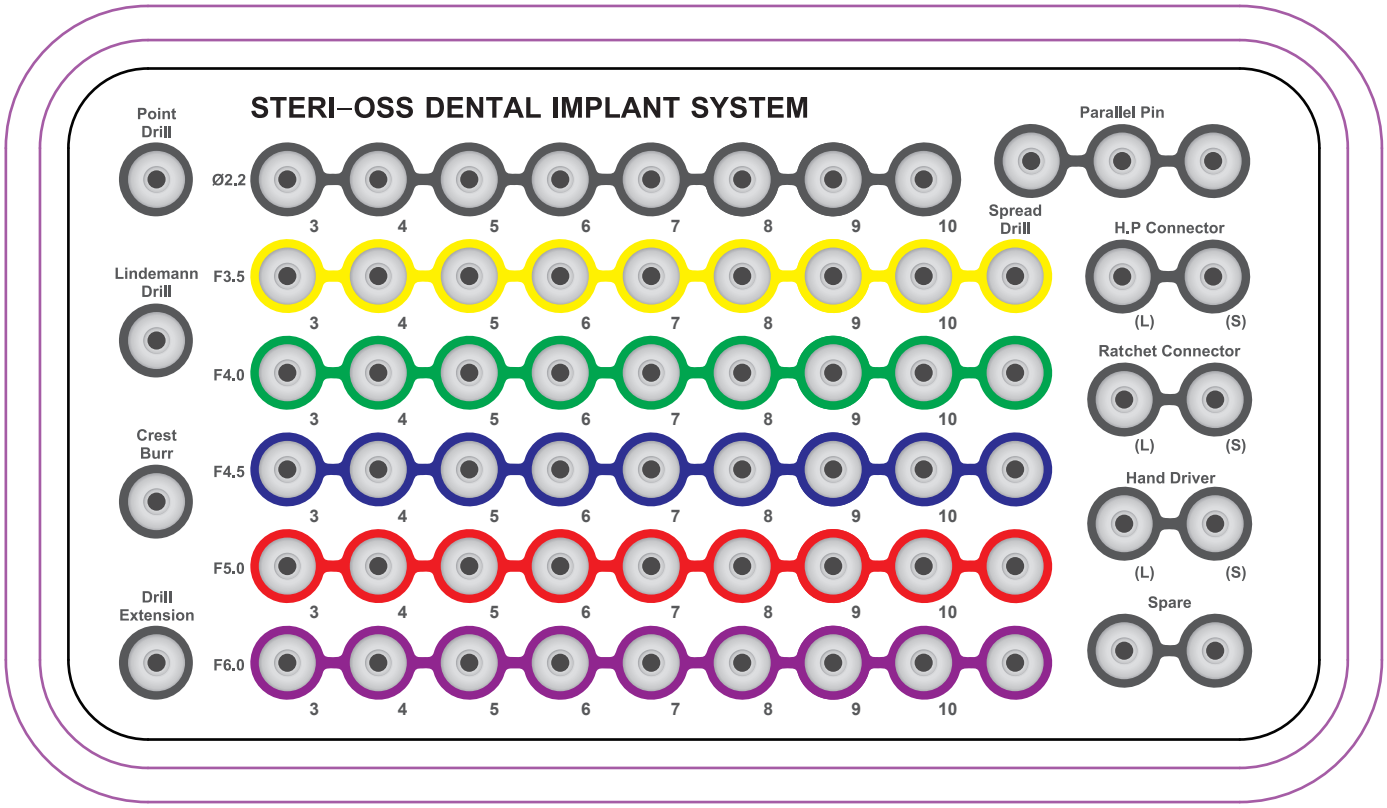
H.P Connector
Long THC25L
Short THC25S

Ratchet Connector
Long TWTC25L
Short TWTC25M

Hand Driver
Long THD12L
Short THD12S

Torque Wrench [STW01]

Full Surgical Kit STCK3



Point Drill [TPD16]

Lindermann Drill [TLD]

Crest Bur [TCB]

Drill Extension [TDE]

Step Dill

[TSD2203]	[TSD3503]	[TSD4003]	[TSD4503]	[TSD5003]	[TSD6003]
[TSD2204]	[TSD3504]	[TSD4004]	[TSD4504]	[TSD5004]	[TSD6004]
[TSD2205]	[TSD3505]	[TSD4005]	[TSD4505]	[TSD5005]	[TSD6005]
[TSD2206]	[TSD3506]	[TSD4006]	[TSD4506]	[TSD5006]	[TSD6006]
[TSD2207]	[TSD3507]	[TSD4007]	[TSD4507]	[TSD5007]	[TSD6007]
[TSD2208]	[TSD3508]	[TSD4008]	[TSD4508]	[TSD5008]	[TSD6008]
[TSD2209]	[TSD3509]	[TSD4009]	[TSD4509]	[TSD5009]	[TSD6009]
[TSD2210]	[TSD3510]	[TSD4010]	[TSD4510]	[TSD5010]	[TSD6010]

Spreader Drill

[TSPD35]
[TSPD40]
[TSPD45]
[TSPD50]
[TSPD60]

Torque Wrench [STW01]

Parallel Pin 3EA

H.P Connector

Long THC25L
Short THC25S

Ratchet Connector

Long TWTC25L
Short TWTC25M

Hand Driver

Long THD12L
Short THD12S

Short Drill Kit SDK01

[TSD 2203]
[TSD 2204]
[TSD 2205]

[TSD 3503]
[TSD 3504]
[TSD 3505]

[TSD 4003]
[TSD 4004]
[TSD 4005]

[TSD 4503]
[TSD 4504]
[TSD 4505]

[TSD 5003]
[TSD 5004]
[TSD 5005]

[TSD 6003]
[TSD 6004]
[TSD 6005]

Implant Torque Wrench ITW01

Sterioss Multi Prostetic Kit MPK01

1.2Hex Machine driver

Short	1ea
Long	1ea

1.2Hex Hand driver

Short	1ea
Long	1ea

1.27Hex Hand driver

Short	1ea
Long	1ea

Strauman Hand driver

Short	1ea
Long	1ea

Nobel Hand driver

Short	1ea
Long	1ea

Slot driver

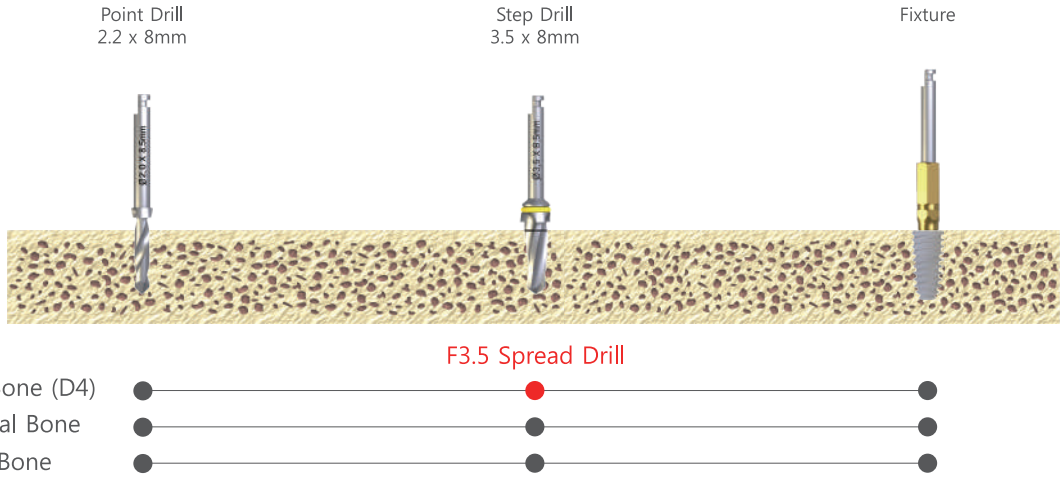
Long	1ea

Connector 1ea

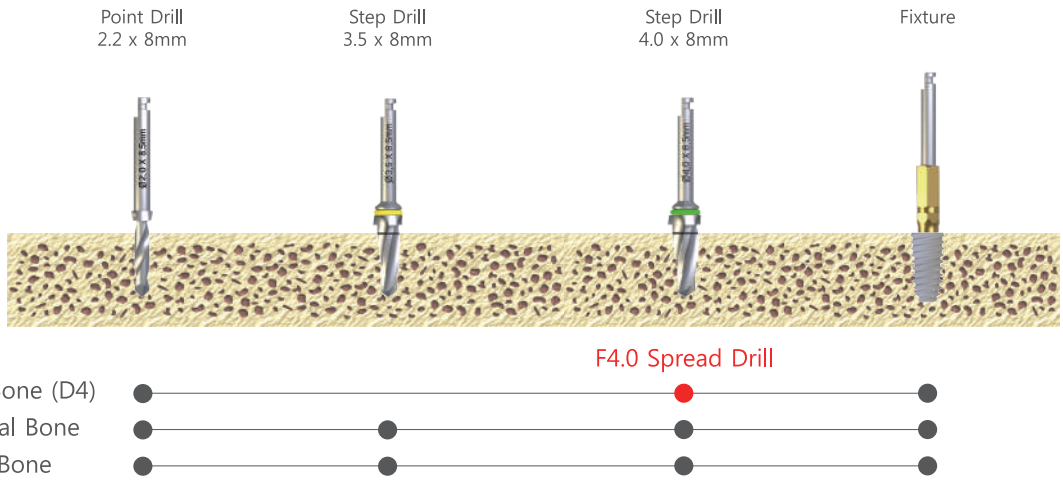
Torque Wrench 1ea

Drilling Sequence

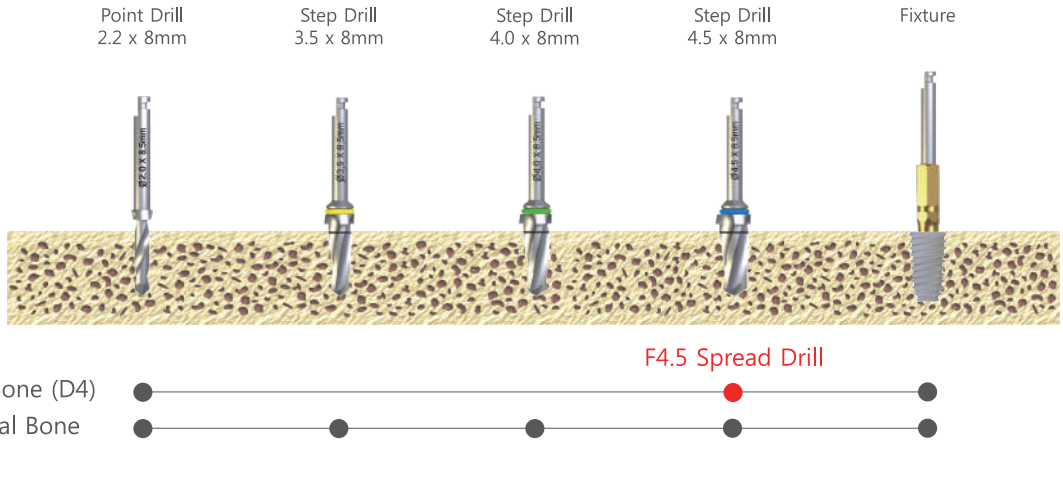
F3.5 (Ø3.8)



F4.0 (Ø4.2)



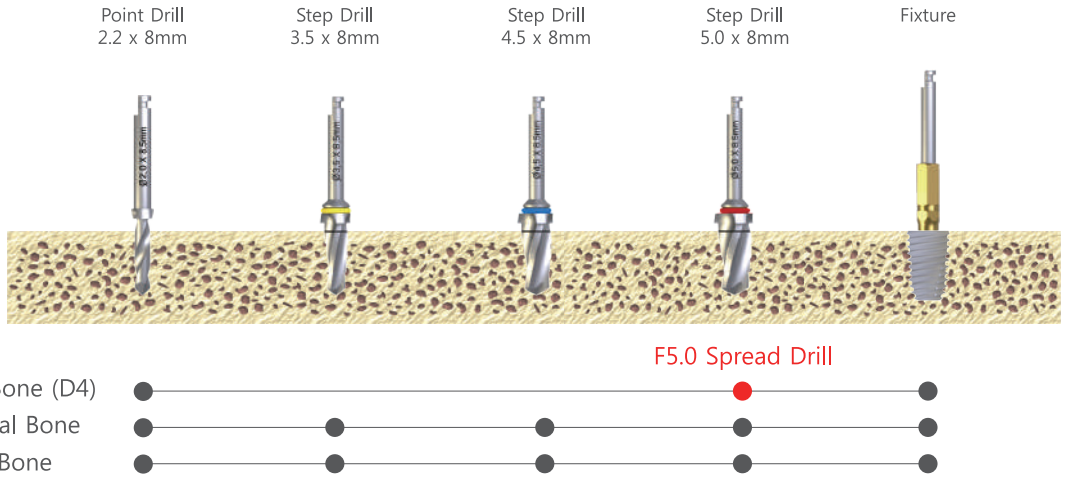
F4.5 (Ø4.6)



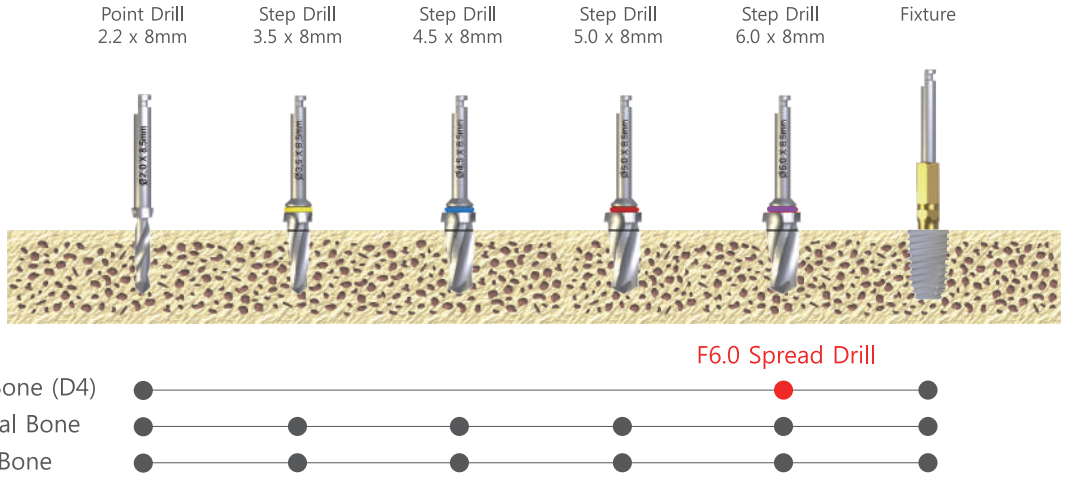
STERI - OSS
Dental Implant System

Drilling Sequence

F5.0 (Ø5.1)



F6.0 (Ø6.0)



STERI - OSS
Dental Implant System

LED Light

Powerful optic motor
torque function
Touch control LCD screen
User friendly foot control

High Power System
Fourth Generation New Implant Engune

Model : STERIOSS PRO
Intuitive powerful safe and reliable

Maxim Power 80Ncm

Technical:

- Maximun power : 150W
- Power supply : AC230V 50/60Hz
- Motor speed : 300--40000rpm
- Adustable torque : 5Ncm--80Ncm
- Water supply wolume :
  4 blocks adjustable,
  150ml/min
- Light source illumination : 30000lux
- Motor : surgical brushless motor
- Volume(cm) : 42x38x26cm
- Weight(kg)/PCS : 5.5kg
- Packing material : Aluminum box
- QTY per master carton : 1 pc/ctn

- Full touch big screen
The large size screen ensures that the treatment parameters are visible at any time

- Graphical planting process selection, a variety of parameters at a glance
Every planting process is set up to solve the thdious setting

- ad hoc separate irrigation procedures for ease of use
Cooling and flushing of inner and outer channel

- Built in water supply system with small size, good performance and convenient convection
4 shifts water supply up to 150ml/min

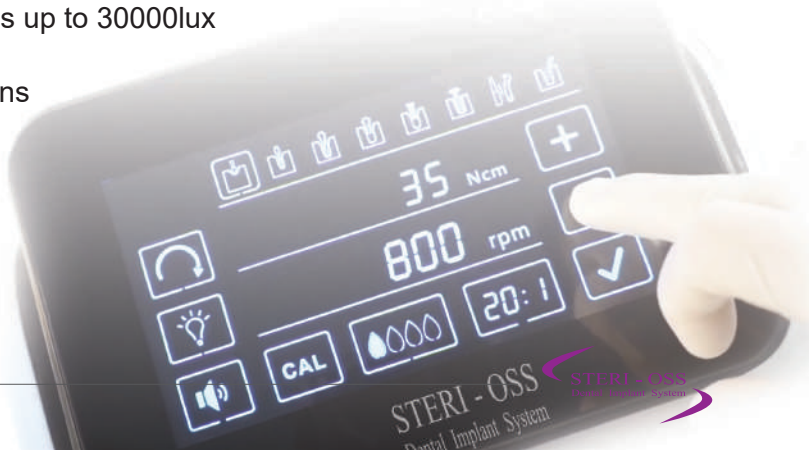
- a new generation of motors with torque of up to 80N.cm
High performance brushless motor, powerful touque output, highly efficient chip structure

- motors and cables can be sterilized at high temperature and pressure
Lighter and shorter motor, long work no fatigue

- LED lighing helps clinicians focus More on the treatment area and make surgery more accurate
High brightness LED light source with brightness up to 30000lux

- illumination and sound can be adjusted
Give doctors more autonomy in setting up options

- Multifunctional pedal controller
Mseptic operation can be achieved, giving the maximum freedom of the handle
The handle can be easily connected to the pedal controller



User Manual(Fixture)

1) Product description

Sterioss Implant is made of titanium and grafted in the maxillary or mandibular alveolar bone for surgical treatment. It plays the role of natural dental root. Refer to the manual or the catalogue or out website (www.steriossimplant.com) for detail. See the product label for the product code, specifications, manufacturing date, and expiration date.

2) Use

Should be used in accordance with the general implant guide.

3) Indications

- Generally good health, healthy oral cavity
- Predicted normal healing of wounds
- Jaw bone that has stopped growing
- Good oral cavity hygiene
- Available bone sufficient for vertical, mesio/distal, and buccal/lingual space
- Patient's full recognition of the risk in the course of performing each implant treatment

4) Contraindications

Following medical conditions may occur failure in cases when:
- Insufficient bones or poor bone quality to achieve implant stability
- Poor oral hygiene or pathological infection to alveolar bones
- Patient with uncontrollable diabetes, tissue disease influencing boneor wound treatment; heavy smoker or alcoholic
- Heavy smoking, tobacco abuse
- Any patient who is not suitable for operation

5) Warnings

The selection of inappropriate patients and operation methods can cause implant failure or loss of bone supporting the implant. sterioss implants must not be used for purposes other than the recommended use and must not be remodeled. Implant mobility, bone less, and chronic infection can result in failure of the implant surgery.

6) Precautions

The surgical technology of dental implant involves an expert, complex procedure. Formal training is required to perform implant surgery. Determine the local anatomy and suitability of the available bone for implant placement. Prepare the implant considering the expected situations and cautions. Visual inspections as well as panoramic and periapical radiographs are essential to determine anatomical landmarks, occlusal conditions, periodontal status, and the adequacy of the bone. Adequate radiographs, direct palpation, and visual inspection of the implant site are necessary prior to treatment, planning and use of sterioss implant.

7) Adverse reactions

A few problems may occur after the operation (loss of implant stability, damage of prosthesis, etc.) deficient quality and quantity of the remaining bone, infection, inferior oral hygiene or uncooperativeness of patient, implant mobility, partial deterioration of tissue, and improper position or arrangement of implants may cause the above mentioned problems.

8) Surgical complications

The implant procedure has risk, including localized swelling, dehiscence, tenderness of short duration, edema, hematoma, or bleeding. Numbness of the lower lip and chin region following lower jaw surgery, and of the tissue beside the nose following upper jaw surgery, is a possible side-effect of the surgery. Though it would most probably be of a temporary nature, in very rare cases, the numbness has been permanent. Gingival-mucosal (gum tissue) ulceration, tissue reaction, or infection may occur, but generally responds to local care.

9) Sterilization and handing

The implant has been cleaned and sterilized by gamma irradiation and is ready to use. The sterilized product must be used in a sterilized environment with sterilized tools. If the packaged is damaged, or if the expiration date has passed, do not us the product. Expired or contaminated product must not be re-sterilized; they must be disposed of.

10) Storage Condition

Keep the product in a dry place at room temperature (1℃~20℃). Keep away from direct sunlight.This product is valid for 3 years from the date of manufacture, please observe the validity date.

11) Cautions for use

Determine the number, angles, and positions of the implants to be grafted considering a minimum gap of 3mm between implant. Local anesthesia is used; an anesthetic solution should be sufficient to anesthetize the periosteum surface. Conventional implant treatment should be applied. When using engine driver, the recommended speed is 15rpm, and maximum torque, 35Ncm. Once the maximum torque is reached, detach the driver mounted in the hand piece. Afterward, connect the torque wrench and perform grafting while rotating the hand-driver clockwise.
It must bechecked the imformation on length, diameter and depth for placement before use.

User Manual(Abutment)

1) Product description

Sterioss Implant is a dental implant materials and consist of the Titanium.Refer to manual, catalog or our website (www.zerosimplant.com) for details. For the product code, specification, manufacturing date, and expiration date see the product label.

2) Use

Should be used in accordance with the general implant guide.

3) General Precaution

The surgical technology of dental implantation requires an expert, it is a complex procedure which requires formal training to perform implantation.

4) Important

It is important to look at the anatomy and suitability of the available bone for implant placement. Prepare the implant considering the expected situations and cautions. Visual inspection as well as panoramic and periapical radiographs are essential to determine anatomical landmarks, occlusal conditions, periodontal status, and adequacy of bone. Lateral cephalometric radiographs, CT scans, and tomograms may also be beneficial.
In particular, the exact implant fixture can be assembled to prepare the abutment and the prosthetic components.

5) Indication

- Partial or full edentulous patients
- Periodontitis
- Dental caries
- Accidental tooth damage
- Congenital tooth defects
- Tooth loss due to other maxillofacial diseases

6) Contraindications

Contraindications include following, but are not limited to:
- Hemophilia Patient
- Patient experiencing difficulties related to bone and wound treatment
- Patient with uncontrollable diabetes, tissue disease influencing bone or wound treatment; heavy smoker or alcoholic
- Patient whose immunity system is inactivate due to chemical therapy and radiation therapy
- Patient with oral infection or inflammation (Improper oral hygiene, bruxism)
- Patient with untreatable occlusion/joint disorder, insufficient dental arch space
- Any patient who is not suitable for operation

7) Procedural Precautions (Surgery)

The Implant operation requires high accuracy and careful attention, we must try to minimize damage to the cell tissue and pay special attention to the temperature, surgical trauma, and/or removal of the source of contamination and infection.

8) Procedural Precautions (Prosthetics)

The prosthetic structure is small; make sure it is neither swallowed nor inhaled by the patient. Angled abutments are not recommended for placement in the posterior region of the mouth due to limitations of implant strength.
Stress distribution is especially important in implant operation as well as the fit of prosthesis and abutment on bridge, also the occlusal stability. Avoid using excessive force horizontally especially during immediate implantation. For the prosthesis whose substructure is made of gold alloy, gold should be used appropriately. Operate prosthesis after enough healing period.

9) Cautions for Patients

Do not apply excessive stress on the replacement until the last prosthesis is placed.

10) Side Effect

Side Effect
These Problems may occur after implantation (loss of implant stability, loss of prosthesis, etc). Deficient quality and quantity of remaining bone, infection, inferior oral hygiene or uncooperativeness of patient, implant mobility, partial deterioration of tissue, and improper position and arrangement of implants can cause instability.

11) Warning

Read carefully instruction for use before use.
Using Sterioss Implant safely and effectively requires special training, since the surgical techniques involved in the dental implant operation are highly specialized and very complex. The selection of inappropriate patients and operation methods can cause implant failures or loss of bone supporting the implant. Sterioss Implant must not be used for purposes other than the recommended use. Dental implants must never be remodeled. If the implant is contaminated by the patient's bodily fluids, it cannot be used in other patients. The ceramic abutment needs a special manufacturing process; the technician should be specifically trained in this process.

12) terility

The unsterilized prosthetic components must be sterilized in an autoclave at 132℃ for 15 minutes before use. After the steam sterilization, the abutments should be dried for 15 minutes before use. This product is disposable medical device product in any case should not reuse.

13) Storage Conditions

Keep in cool(1℃~30℃) and dry place. Keep Out of direct sunlight This product is valid for semi-permanent before open.

Product compatibility list

GBR Product

Allograft

PREMIUM

Renew Oss The Black (syr.)

Power: 0.2~1mm
Volume : 0.3cc / 1cc

Do Bone (syr.)

Power: S:0.25~0.71mm /
L:0.71~1.6mm
Volume : 0.3cc / 1cc

HIT

Renew Oss (Syr.)

Power: 0.2~1mm
Volume : 0.3cc / 0.5cc / 1cc

NEW

Titan Bone (syr.)

Volume : 0.3cc / 0.6cc / 1.1cc

Allobone Plus

Volume : 0.25cc / 0.5cc / 1cc

Oragraft

Volume : 0.25cc / 0.5cc / 1.2cc

DBM/BMP

<DBM>

Orthoblast II (Gel)

Volume : 0.5cc / 5cc / 3cc

<DBM>

Dynagraft II

Volume : 0.5cc / 1cc / 2.5cc / 5cc

HIT

<DBM>

Demios

Volume : 0.25cc / 0.5cc / 1cc

PREMIUM

<BMP>

Osteosparx-C

Volume : 1cc / 3cc / 5cc / 10cc

PREMIUM

<BMP>

Allomatrix

Volume : 1cc

<BMP>

Rafugen BMP2

Volume : 0.1cc / 0.3c / 0.5cc

GBR Product

Synthetic

HIT

Excelos Inject

Volume : 0.45g / 0.75g / 1.5g

Sorbone Syringe

Power: M:0.5~1mm / L:1~2mm
Volume : 0.25cc / 0.5cc / 1cc

HIT

Sorbone

Power: S:0.3~0.5mm /M:0.5~1mm / L:1~2mm
Volume : 0.25g / 0.5g / 2g

SynCera II

Power: S:0.4~1mm / L:1~2mm
Volume : 0.25g / 0.5g / 1g

NEW

Bongros

Power: M:0.6~1mm / L:1~3mm
Volume : 0.25g(0.4cc) / 0.5g(0.8cc)

Straumann Synthetic

Power: M:0.6~1mm / L:1~3mm
Volume : 0.25g / 0.5g / 1g

Xenograft

NeoOss

Volume : 0.25g (≒0.5cc)

NeoOss Plug (Porcine+Collagen)

Size: Φ6~10mm / Φ10x10mm

NEW

Titan-X

Power: S:0.4~1.0mm
Volume : 0.1g / 0.25g / 1g / 2g

Bio-Oss

Volume : S:0.25~1mm
(0.25g / 0.5g / 1g / 2g)
L:1~2mm(0.5g / 1g / 2g)

Bio-Oss Pen

Volume : S:0.25~1mm(0.5cc / 1cc)
L:1~2mm(15cc)

Bio-Oss Collagen

Volume : 100mg / 250mg

Straumann Xeno

Power : S(0.2~1mm) L:1.0~2.0mm)
Volume : 0.15g /0.25g / 0.5g / 1g / 2g

InduCera

Power : S(0.25~1mm) / L:1~2mm
Volume : 0.15g /0.25g / 0.5g / 1g

Cerabone

Power : S:0.5~1mm / L:1~2mm
Volume : 0.5cc /1cc / 2cc / 5cc

GBR Product

Hemostasis / Absorbable

Atelo Plug

Size : S:8x25mm(5ea) /
M:15x25mm(5ea)

AteloCare (Sheet)

Size : 25x75x0.8mm(5ea)

HIT

CollaDerm (Plug)

Size : S:8x25mm(5ea)
M:15x25mm(5ea)

Colla Tape

Size : 25x75mm(10ea)

Colla Plug

Size : 10x20mm(10ea)

Colla Cote

Size : 10x20mm(10ea)

Membrane

NEW

Diaderm M

Size : 15x30mm

Redura

Size : 15x20mm / 20x30mm

Lyopalant

Size : 15x30mm

CollaGuide

Size : 15x30mm / 15x30mm / 30x40mm

LysoGide

Size : 10x20mm / 20x30mm

Membra-Gen

Size : 15x18mm / 15x25mm

GBR Product

Bio-Gide

Size : 13x25mm / 25x25mm
30x40mm

CGDerm

Size : 10x20mm / 10x40mm
20x20mm / 20x40mm
Thickness : 10/20/30

Remaix

Size : 15x20mm / 25x30mm
30x40mm

Bioflexgide

Volume/Size : 10x20mm

Jason Membrane

Volume/Size : 15x20mm / 20x30mm
30x40mm

Membrane / Non Absorbable

Cytoflex TEF-Guard

Size : 12x24mm

Cytoflex Mesh

Size : 25x30mm

Renew Mesh-Ti

Size : 15x22mm / 22x36mm / 44x44mm

TITANIUM-REINFORCED MICRO PORE PTFE MEMBRANE

Instruments System

001
Total Haenaem Bur Set

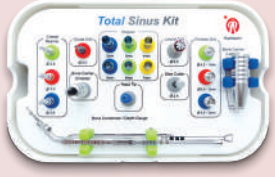
002
Haenaem Bur Kit for Sinus

003
Haenaem Bur Kit for Expander

004
Bone Expander Kit

005
Double A Guide Kit

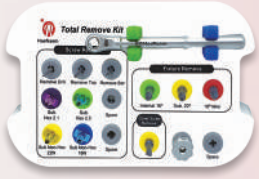
006
Total Sinus Kit



007
Crestal Approach Sinus Kit

008
One Drilling System Kit

009
Total Remove Kit



010
Solid Screw Kit for GBR

011
Bone Collector Kit

012
V-Bone Collector Kit

013
Initial Kit

014
Bone Mill Kit

015
Tissue Punch Kit

016
Round Bur Kit

017
Trephine Kit

STERI - OSS
Dental Implant System

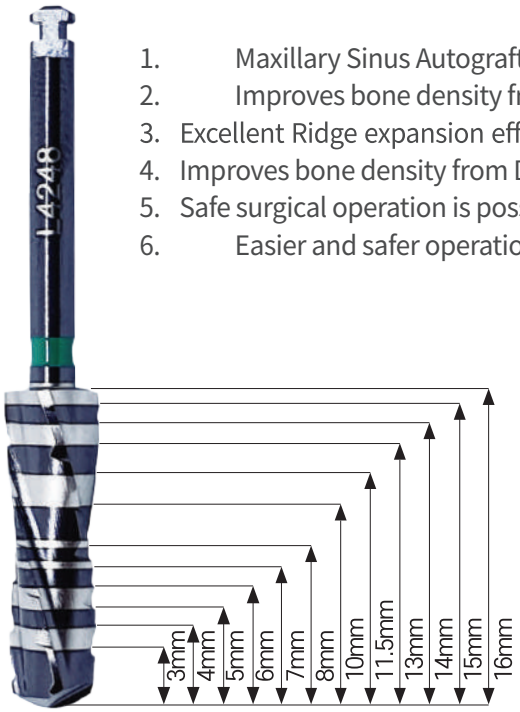
#001
Total HaeNaem Bur Set

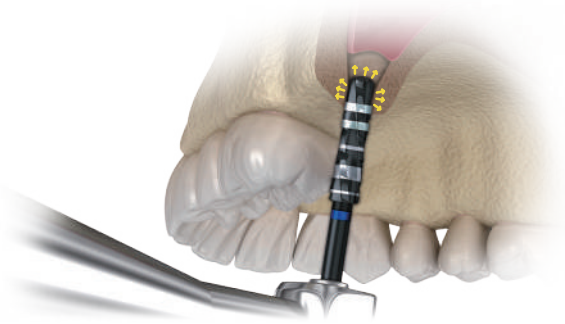
World Patent & Design by HaeNaem
“ZERO” Bone Loss Drill

Sinus Auto Grafting/Ridge Expansion/ D4->D2 Bone densification at once with simple drilling

World Patent

1. Maxillary Sinus Autografting is secure only by Drilling
2. Improves bone density from D4 to D2 which is weak due to drilling
3. Excellent Ridge expansion effect only by drilling
4. Improves bone density from D4 to D2 which is weak bone density by drilling.
5. Safe surgical operation is possible due to the clockwise drilling like the normal drill.
6. Easier and safer operation using the stoppers.





Comparative experiment

1) Drilling test in D3 Bone block

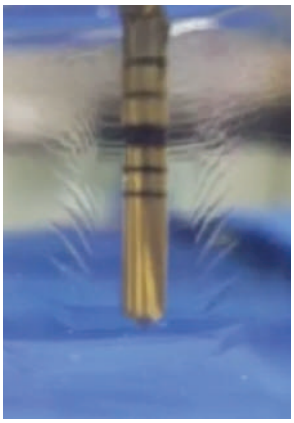
Normal Drill

The bone particles are discharged to the opposite side way (Back side).

Haenaem Bur Drill

The bone particles gather in the front direction and densification occurs.

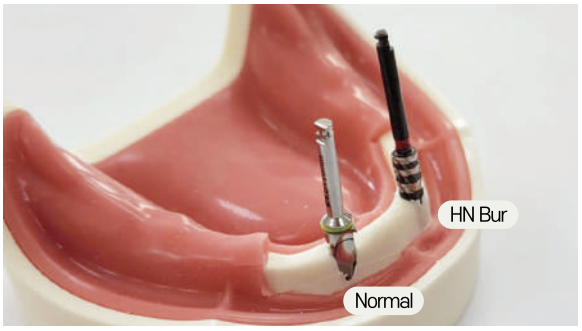
2) Liquid experiment

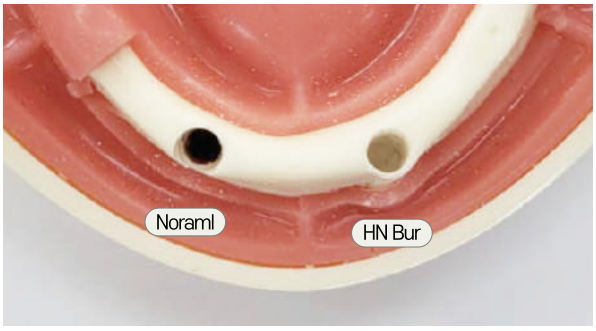


Normal Drill

Haenaem Bur Drill

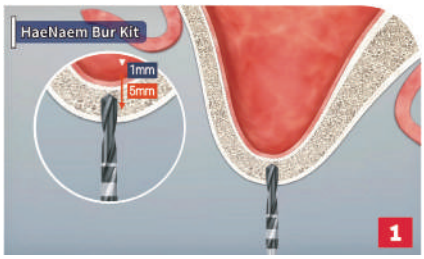
3) Normal Drill / Haenaem Bur Drill

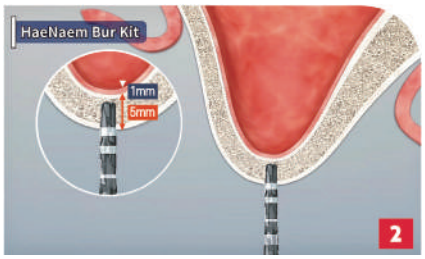


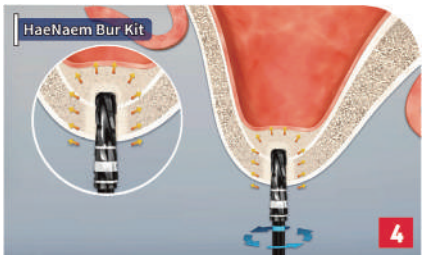


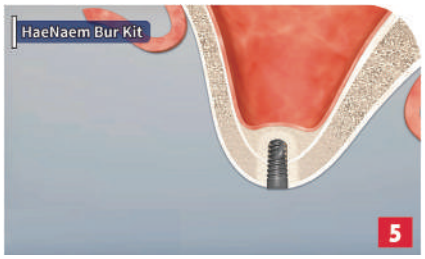
Normal: Side perforation
HN Bur: Expansion without side perforation.

Easy & Simple Operation









Sinus

• PILOT DRILL

S18S	L18S
(RPM800~1200)	

• SINUS DRILL (600~1200 RPM, 600 RPM when proceed perforation of catilage bone)

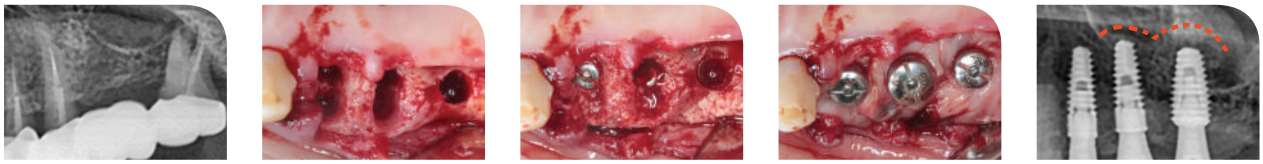
L1824S	S2228S	L2632S	S3036	L3440	S3844	L4248	S4652
Ø1.8/ Ø2.1 / Ø2.4	Ø2.2 / Ø2.5 / Ø2.8	Ø2.6 / Ø2.9 / Ø3.2	Ø3.0 / Ø3.3 / Ø3.6	Ø3.4 / Ø3.7 / Ø4.0	Ø3.8 / Ø4.1/ Ø4.4	Ø4.2 / Ø4.5 / Ø4.8	Ø4.6 / Ø4.9 / Ø5.2

- A structure in which 70% of the force is transmitted in the traveling direction and 30% of the force is transmitted in the lateral direction.
- Sinus Autografting / Bone quality improvement possible only by drilling.
- During drilling, the remaining bones and cell lines rise to the maxilla at the same time as the maxillary sinus and lower cartilage are perforated.

<Clinical Data>

1) No.16 Sinus Lift

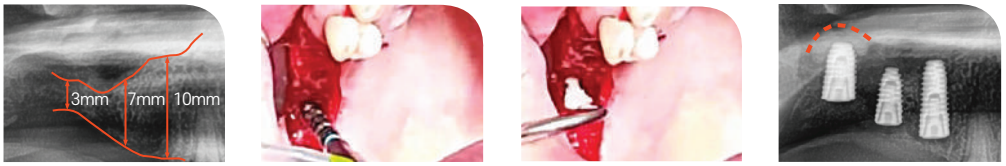
2) No.15, 16 Sinus Lift immediately after extraction



3) No.14, 15 Sinus Lift immediately after extraction

4) No.6 Sinus Lift immediately after extraction

5) No.4, 5, 6 Sinus Lift



Expander

• PILOT DRILL

L16S
(RPM800~1200)

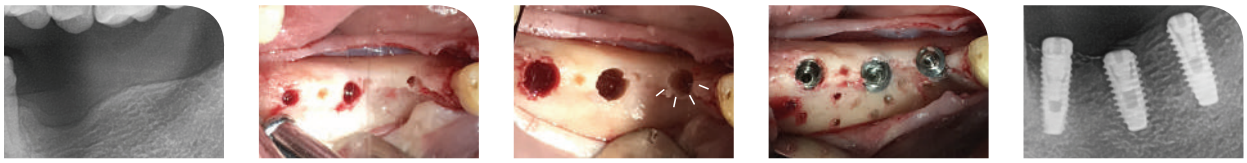
• EXPANDER DRILL (600~1200 RPM, Depending on bone density)

L1628S	L2234	L2840	L3446
Ø1.6 / Ø2.2 / Ø2.8	Ø2.2 / Ø2.8 / Ø3.4	Ø2.8 / Ø3.4 / Ø4.0	Ø3.4 / Ø 4.0 / Ø4.6

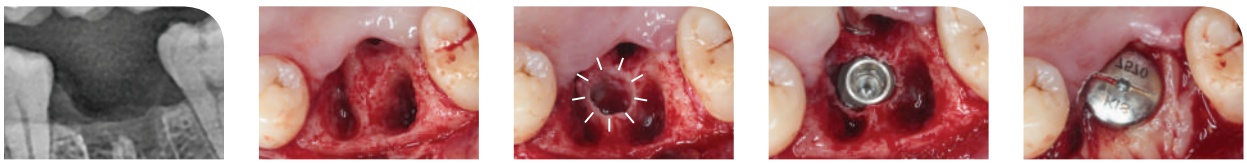
- A structure in which 20% of the force is transmitted in the traveling direction and 80% of the force is transmitted in the lateral direct
- Excellent Ridge Expansion effect in narrow alveolar bone, extraction and septum only by drilling.
  →Improved bone density from weak D4 to D2 bone.
- The drill does not slip during drilling, so the foresight of surgery is high.

<Clinical Data>

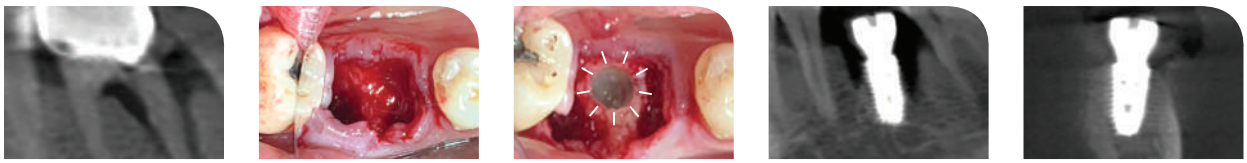
1) Expander



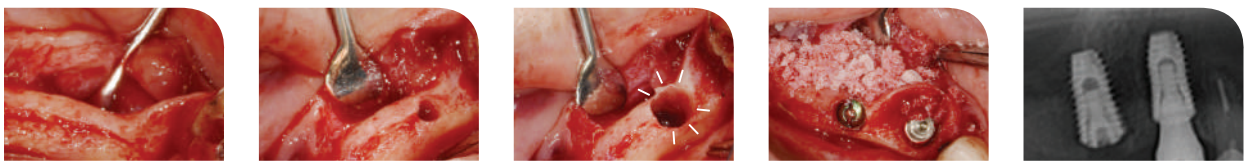
2) Septum Expander Case 1



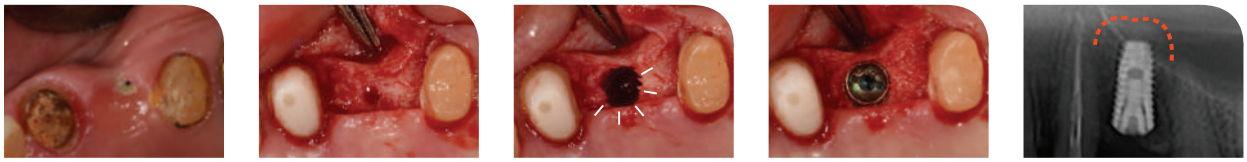
3) Septum Expander Case 2



4) Septum Expander Case 3



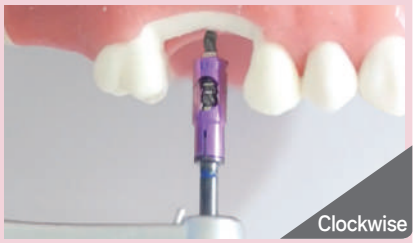
5) Septum Expander Case 4



Residual bone 5mm+4.0 Drilling sequence for implant placement

01 L18S + 3mm Stopper
(2mm Under)

01 L1824S + 3mm Stopper
(2mm Under)



03 S2228S + 4mm Stopper
(1mm Under)

04 L2632S + 5mm Stopper
(Perforation)

05 Checking lower cartilage
bone by using depth gauge

06-A (No Perforation)
L2632S + 6mm Stopper

06-B (Perforation)
Drilling with next size final drills
until target size as sequentially

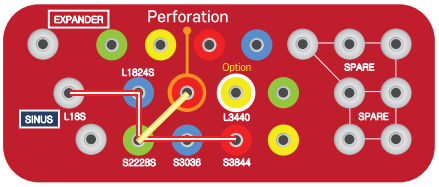
※ All drilling should be based on pumping movements that repeat Up and Down and sense of pushing bones.

Drilling sequence by fixture size

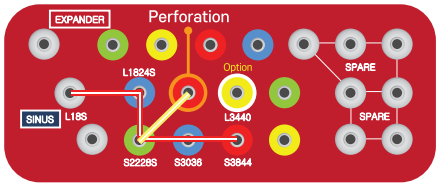
Drilling RPM	600~1200 RPM (600 RPM when proceed perforation of cartilage bone)
Using Artificial Bone	Water OFF with Final Drill, RPM 50~100
Normal Bone	Drilling sequence
Soft Bone	Drilling sequence
Hard Bone	After drilling to half of the next optional drill, place the fixture

[1] Sinus sequence

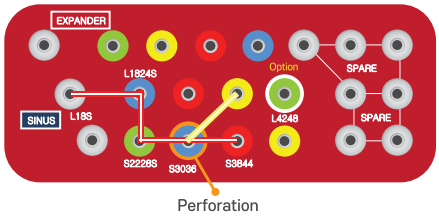
1) 4.0 fixture Placement



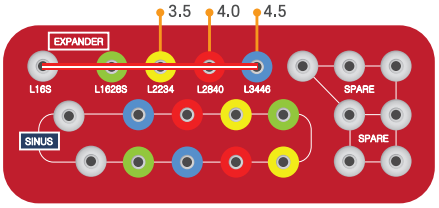
2) 4.5 fixture Placement



3) 5.0 fixture Placement



[2] Expander sequence



Review

Kang Yik Je (Director of NY dental surgery)

Although I have used many kits, Haenaem Kit is a convenient kit that can improve bone quality as well as fast speed and stability.
It has already been more than 10 years since the development of various devices for the height adjustment
in Korea, and it is thought that it is a product that brings
together the advantages of various devices and adds convenience to use.

Jo Jae Beom (Director of Rooted dental surgery)

Many directors complain of discomfort and fear among implant surgery, especially in maxillary sinus lift surgery.
I also used several equipment to solve this.
After meeting Haenamber, my surgery became simple and comfortable.
It is recommended to try it without worrying.

Kim Si Seok (Director of Rooted dental surgery)

The Osseodensification method makes the Sinus procedure very simple. In particular, I think the biggest advantage is that the Crestal Approach can be operated without burden even forpatients with few remaining bones, and that bone densification can be induced without bone loss.

Park Hyoung Mok (Director of Soo San dental surgery)

As a result of performing maxillary sinus lift using the Hanamber kit, bone loss was small and membrane perforation in the maxillary sinus rarely occurred , so membrane lifting was easy without applying external force. It is a product that I would like to recommend because it is possible to perform a lift with only autogenous bone without using different bones.

Jo Seung Heon (Director of Saint dental surgery)

Due to its unique design, Hanamber has the characteristic that bone chips that have been removed during drilling are not removed from the outside, but into the drilling hole. This makes it easier to obtain initial fixation by increasing the bone density by increasing the bone density, or if the maxillary sinus is slightly perforated, the bone chip is inserted into the maxillary sinus during drilling, enabling safe maxillary sinus elevation. In addition, since the drilling is quiet and quiet, it is a great help to maintain the path, and when using other drills, thin bone fragments pop out and the direction of the next drilling or when planting a fixture may change.
On the other hand, It is remarkable for decreases such a risk by using Haenaem Bur. The design of the preparation surface is also important, and the degree of tapering of the drill seems to affect it. Since the first use of Haenaem Bur Kit, the use of implant manufacturers' drills has been significantly reduced.
There is no longer a need to use other maxillary sinus kits.
I recommend you try it out.

Woo Dong Hyup (Director of Boston dental surgery)

The Haenaem Bur Kit maximizes the merits by separating the bone expansion Bur and the maxillary sinus Bur by use, and eliminates mistakes due to rotation direction as a familiar surgeon does not change the implant engine settings through forward drilling. Bone quality is enhanced by bone densification, so even when bone quality is poor, loading time can be accelerated, and autogenous bone transplantation through Crestal Approach enables safe surgery such as less swelling and pain reduction after surgery. In addition, it has a safe bone expansion function through a drill specialized in the narrow bone width of the mandible.
I think this kit is a product that can change the game of existing implant procedures.

Essence Tip

1. During drilling with Haenaem Bur, **"Up & Down" pumping motion is mandatory.**
   To maximize the densification effect by creating pressure inside as well as naturally pushing the cut particles inward.

2. Must be perforation of the lower cartilage bone with "L263S"

3, Basic sequence until perforation **(You must proceed in this sequence)**
   L18S -> L1824S -> S2228S -> L2632S

We have only 7 kind of stopper sleeve drills as L16S, S18S, L18S, L1628S, L1824S, S2228S, L2632S.
It is indicated with white dot on the kit.
Because the 7 kind drills only using for perforation. After perforation of lower cartilage bone, you can drilling until final size without risk. That is reason why we don't make stopper sleeve to big size drills.

4. Example based on 6mm remaining bone,
   L18S (Under 2mm) - L1824S (Under 1mm) – S2228S (Under 1mm) – L2632S (Perforation)
   – Depth Gauge
   @ If doesn't perforate -> L2632S (+1mm over)
   "It is very important to catch the feeling transmitted to the hand when it is perforate.
   Typical feeling: momentarily, the resistance of the force applied to the drill weakens, and the feeling of being pushed easily."

5. The synergistic effect is even better when our kit is used in parallel with the existing surgical method used.
   EX1)
   Perforation with Haenaem Bur -> Sinus lifting with water elevation -> Haenaem Bur as final drill
   Ex2)
   Osteotome with mallet (Under 1mm) -> Haenaem Bur for sinus lifting -> Haenaem Bur as final drill

Essence Tip

6. When using bone powder supplement, the Haenaem Bur Drill (RPM50 without irrigation) allows you to easily push the substances inward.

7. Due to the nature of the drill, the water injected is also naturally sucked into the drilling inside
like cut bone particles, so the watering effect is very good, so the densified bones are not damaged.

8. Excellent the power for keeping path.
No slipping of the drilling towards the weak bone.
Therefore, even in a difficult position (outside), the side wall does not burst and can be safely drilling at the desired location

9. Recommend 600 ~ 1200 RPM.
When perforation (On “L2632S”), we recommend 600 RPM for beginner.
For the other drills, they can use 800 ~ 1200 RPM base on their skill.

10. Must be clockwise rotation.
If they use our drill with counterclockwise, The drill will be high cutting performance.
This is very dangerous, and you need to be careful.

11. It is recommended to use a stopper for first-time users during maxillary Sinus case.

12. It is possible to drill without breaking the side wall on the septum part, such as in cases to be implanted together with the tooth extraction.

13. After 2~5 surgical experiences are accumulated for the first user, most of them combine their technique + Haenaem Bur so that the operation is very convenient and quick. Although little experience is required, The more skilled the operator, the greater the productivity and usability over and over.

#002
HaeNaem Bur Kit for Sinus Lifting

• PILOT DRILL

S18S	L18S
(RPM800~1200)	

• SINUS DRILL (600~1200 RPM, 600 RPM when proceed perforation of catilage bone)

L1824S	S2228S	L2632S	S3036	L3440	S3844	L4248	S4652
Ø1.8/ Ø2.1 / Ø2.4	Ø2.2 / Ø2.5 / Ø2.8	Ø2.6 / Ø2.9 / Ø3.2	Ø3.0 / Ø3.3 / Ø3.6	Ø3.4 / Ø3.7 / Ø4.0	Ø3.8 / Ø4.1/ Ø4.4	Ø4.2 / Ø4.5 / Ø4.8	Ø4.6 / Ø4.9 / Ø5.2

- A structure in which 70% of the force is transmitted in the traveling direction and 30% of the force is transmitted in the lateral direction.
- Sinus Autografting / Bone quality improvement possible only by drilling.
- During drilling, the remaining bones and cell lines rise to the maxilla at the same time as the maxillary sinus and lower cartilage are perforated.

Highlight

Easy & Safety maxillary sinus autografting
Early fixture fixation on general implant placement
Enhance bone density for poor bone quality through bone condensing
Pain / Swelling / Recovery Period Reduction

1. Depending upon the implant type and diameter, begin with the narrowest haenaem bur(L1824S) with repeatedly bouncing-pumping motion (RPM600~1200)
2. As the next haenaem bur in the osteotomy, bone will be pushed toward the apical end and will begin to gently lift the membrane and autogaft bone.
3. Use the sequential "Zero Bone Loss Drill" with repeatedly bouncing-pumping motion to achieve maximum membrane lift of 3mm and reach final desired width for implant placement.

#003

HaeNaem Bur Kit For Expander

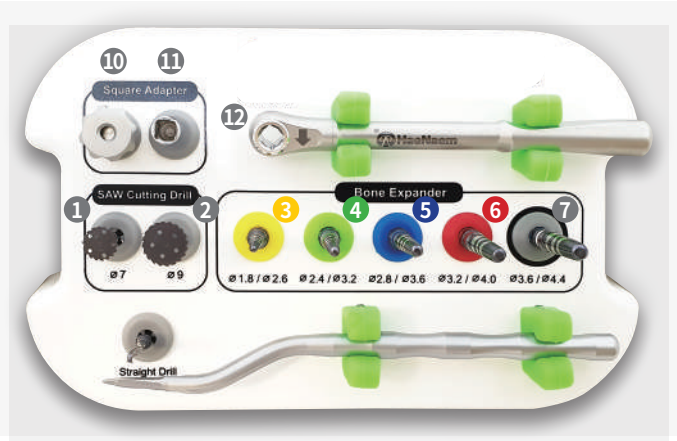
1. When drilling with the world-patented bone densification drill "Haenaem bur", No bone loss & overflow occurs.
2. Haenaem bur (Expander Drill) expands and densifies bones at once by drilling.
3. The septum is naturally formed without perforation by drilling.
4. It is very safe and easy to place an implant in a location that requires expansion of the septum by using stopper

World Patent

Expander Drill

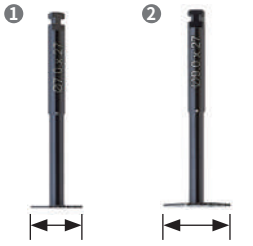
STERI - OSS Dental Implant System

#004
Bone Expander Kit



1. Increase satisfactory of implant surgery through reducing the pain by minimize the flap open with this system.
2. Done by one drilling for one implant system.
3. Easy to get the path, no bone heat .

SAW Cutting Drill

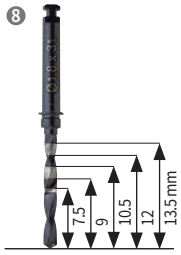


HSW70 HSW90

Using this on the very narrow ridge bone and cutting to the right.

High Cutting Strength and Improved blade can sustain as it is even if it used many times.

Initial Drill (RPM 800-1000)



HSD1831

Use Ø1.8 guide drill to make the first hole for using the bone expander drills.

Square Ratchet Wrench

HRW

Using with Bone Expander Drill for make a torque easily.

Bone Expander Drill

HBE1826 HBE2432 HBE2836 HBE3240 HBE3644

Expand the hole by using the bone expander drills.

Square Handle

SH

Using the Square Handle with Bone Expander Drill as adapter for by using hand.

Square Adapter

SA

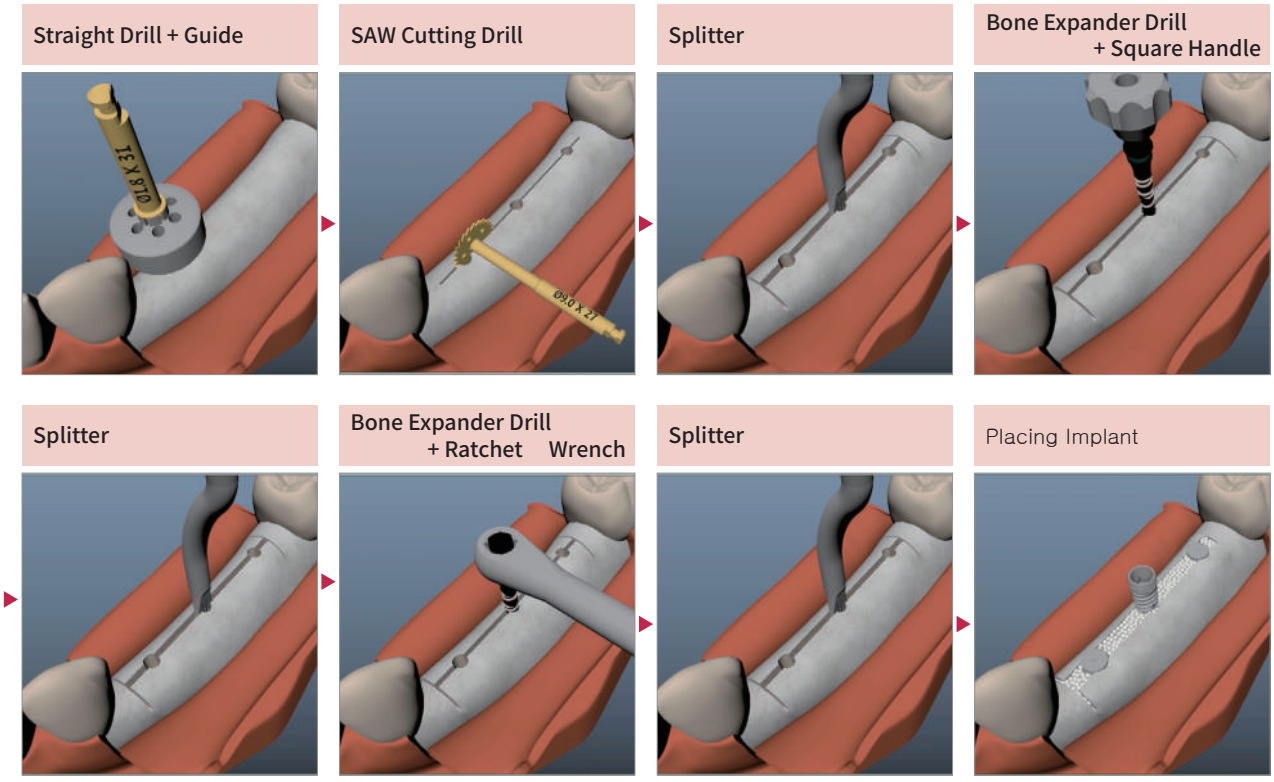
Using this Adapter for change connecting part to Hand-piece type.

Splitter

HRS

This helps to expand ridge bone before using each the bone expander drills.

Direction for Use



1. Use the straight drill (HSD1831) to locate implant to be placed.

2. Use SAW Cutting Drill (HSW70/HSW90) on the very narrow ridge bone and split bone a little bit.

3. To help bone expanding easier, put the splitter(HRS) using malleting inside ridge and hold the handle of the splitter and then move it front and back carefully to expanding.

4. Expand the hole by using the bone expander drill (HBE1826) with the square handle (SH).

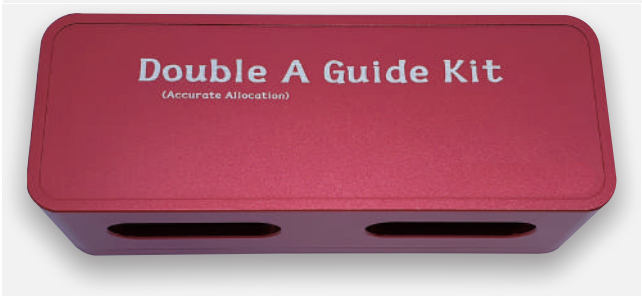
5. To help bone expanding easier, put the splitter (HRS) using malleting inside ridge and hold the handle of the splitter
and then move it front and back carefully to expanding.

6. Expand the hole by using the bone expander drill (HBE2432/HBE2836/HBE3240/HBE3644) with the square handle (SH) and/or the ratchet wrench (HRW).

7. Repeat ③~⑥ to expand the hole.

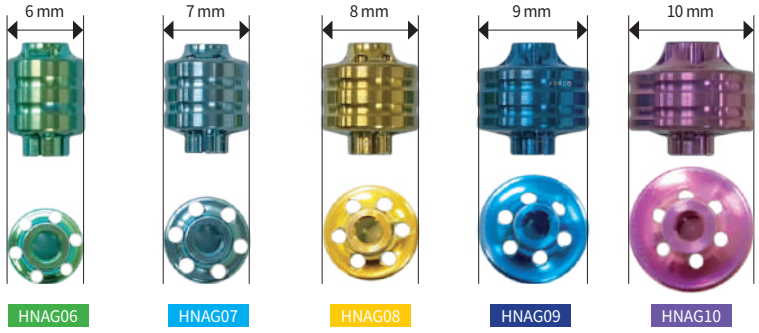
8. Place implant.

#005
Double A Guide Kit



1. Each Accurate Guide is equipped with six irrigation holes, making it very easy to irrigate for drilling.
2. There are two guide drills in the kit to make it longer use.
3. Three retention holes can restored even if the fastening parts of the Accurate Guide and Guide Drill are loosened.

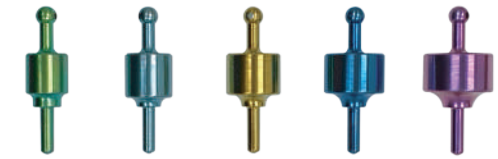
Accurate Guide



HNAG06 HNAG07 HNAG08 HNAG09 HNAG10

1. Can make an accurate guide for location to place an implant.
2. Irrigation hole makes it convenient for drilling to prevent bone heating

Accurate Pin



HNAP06 HNAP07 HNAP08 HNAP09 HNAP10

1. Use for implant placement of two or more at the same time.
2. Easy to get exact positions and path.

Guide Drill (RPM 500-1200)

HNDGD20

1. Use for drilling to implant placement position connecting with the Accurate Guide.
2. Two-step structure.

Lindemann Drill (RPM 500-1200)

HNLGD20

Bone Trimmer

HBE38

1. Easy to organize implant placement position after tooth/ teeth extraction.
2. Easy to clean up the alveolar bone area.

Tissue Punch

HNDTP40

1. Easy removal of tissues during flapless operation.
2. Precisely deleting only the surrounding tissue with centered on the hole created by the guide drill.

Direction for Use

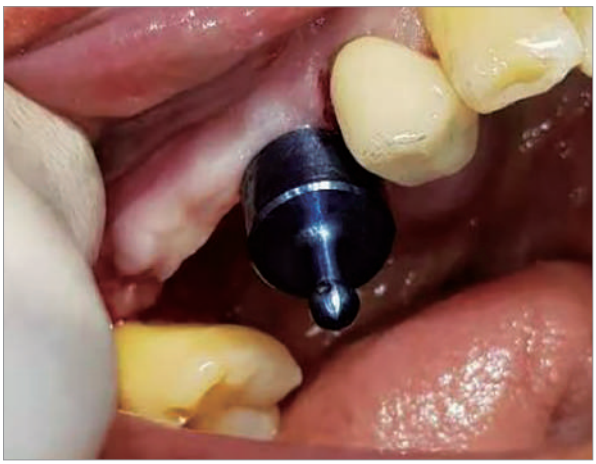
1. Select the Accurate Guide of the appropriate size by visually checking the interference with the adjacent tooth of the implant placement site and appropriate gap.

2. Fasten up to the first step of Guide Drill in Accurate Guide.
3. Attach the fastened Accurate Guide and Guide Drill to the hand-piece.

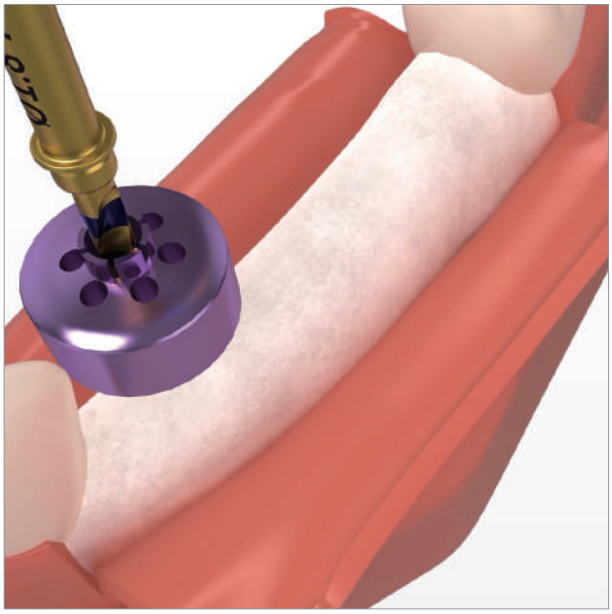
4. Hand-piece set to 45 ~ 55 Ncm / 500 ~ 1200RPM

5. Check the position of the alveolar bone to be drilled and gently close the side of the Accurate Guide to the side of the adjacent tooth or Accurate Pin.

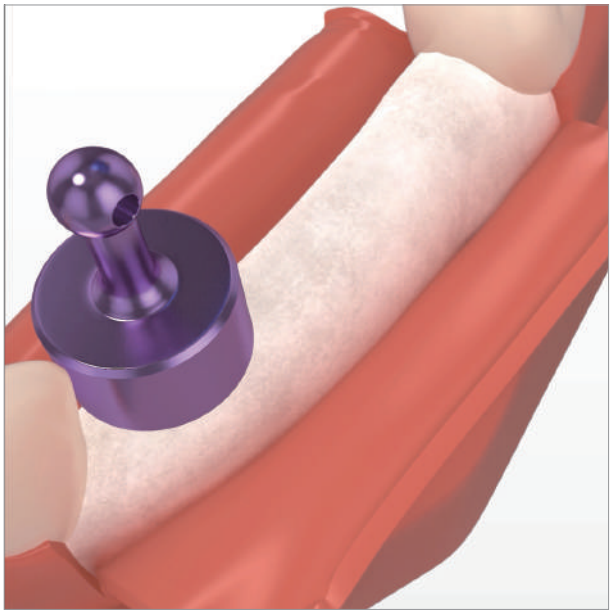
6. Use both hands to prevent deviation from the target point and path.(Hold the Accurate Guide with the other hand)



7. Begin drilling with irrigation.



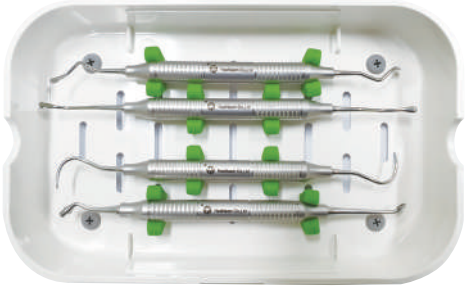
8. Insert Accurate Pin with the same size into the hole created after drilling.



9. Repeat steps 1 through 7 as needed.

10. Be careful not to separate Accurate Guide and Guide Drill during use.

#006
Total Sinus Kit



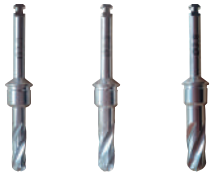
1. The way of most advanced safe and simple for all of sinus lift operation
2. This is able to provide two ways of the sinus lift operation (Crestal approach / Lateral approach)
3. Excellent in safety, simple operation and visual convenience for the sinus lift

Guide Drill (RPM 800-1000)

GD20

Making a first hole to the point of perforation on cortical bone before main drilling.

Crestal Reamer (RPM 800-1000)



CR28 CR33 CR38

The flatted end tip of the crestal reamer minimizes damage to the membrane.

Lateral Drill (LD65)

LD65

1. Not in case of using window drills, use creating window perforation easier and safety.
2. 2 steps stopper provides more precision perforation to minimize damage to the membrane

Window Drill (RPM 800-1000)

WD65-1 WD65-2 WD65-3

1. When attempting the window perforation of the cartilage of the maxillary sinus, these make it easy to find centering of bone hole which made by the crestal reamer.
2. There are 0.5mm sequential differences (1mm~3mm) that are able to make the window perforation easier.

Bone Carrier (Crestal)

BCC

In case of crestal approach sinus lift, Inserting the bone graft inside of the maxillary sinus with the bone condenser.

Side Cutter

SC2550

Use this instrument, in case of the window cutting surface is not flat or/and rugged.

Aqua Tip

AT3050

To elevate the separated membrane from the maxillary bone, use to connect with silicone tube and syringe for injecting the saline solution.

Bone Carrier (Lateral)

BCL

In case of lateral approach sinus lift, Inserting the bone graft inside of the maxillary sinus with the bone condenser.

Bone Condenser / Depth Gauge

DG0246

1. Measure the elevated depth of the membrane through the band marking and using stoppers.
2. To push the bone graft to inside of the maxillary sinus

Stopper

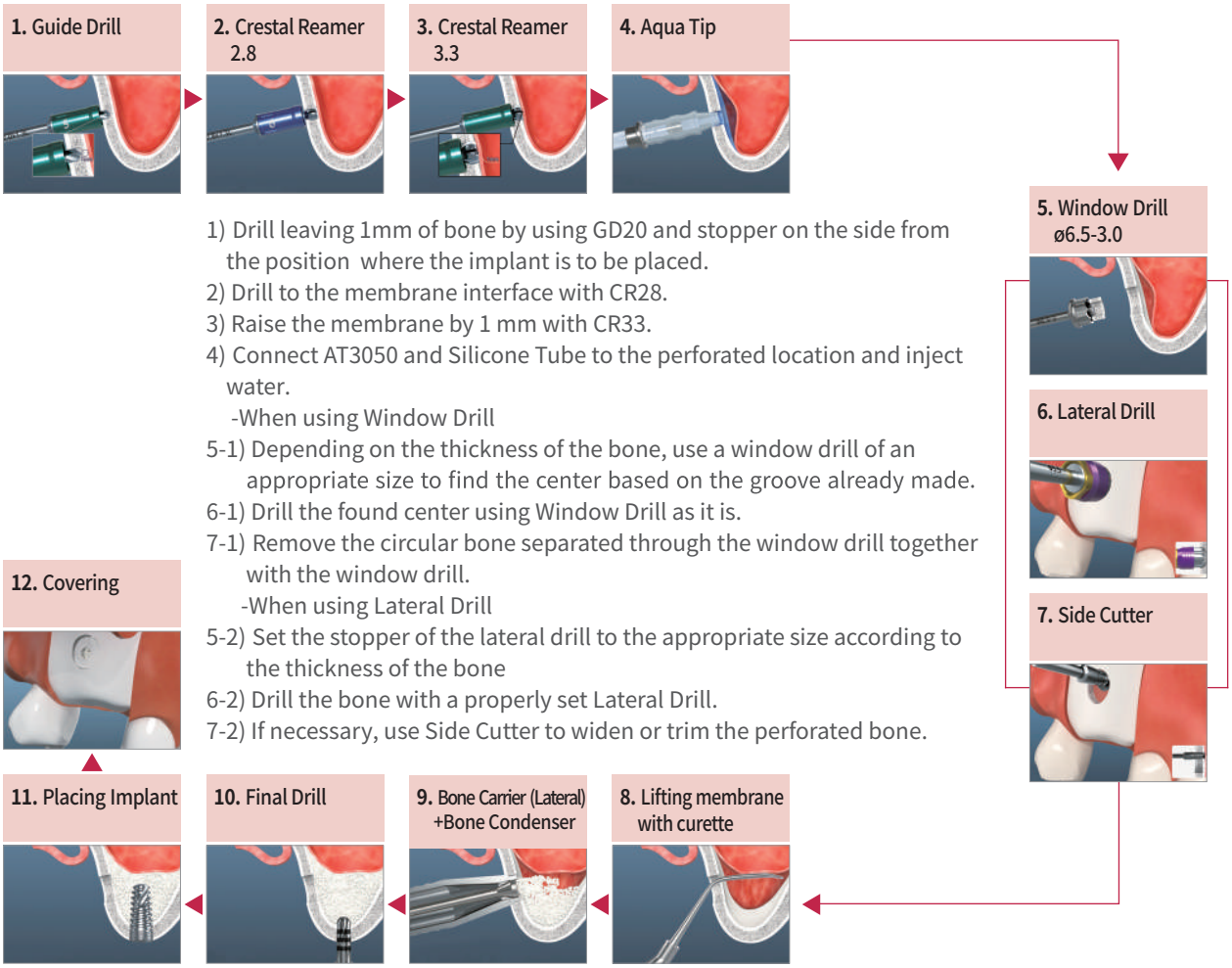
SSTP020 SSTP030 SSTP040 SSTP050 SSTP060 SSTP070

1. Connecting with a drill to drill to the same length of the cartilage height of maxillary sinus which is measured by CT
2. Connecting with the depth gauge to measure the depth of the elevated membrane

Direction for Use

The Lateral Drill is kind of reamer for perforation with depth guide stopper.
The stopper of Lateral drill can be adjust depth level for more safe drilling.

<Lateral Approach Sinus Lift>



1) Drill leaving 1mm of bone by using GD20 and stopper on the side from the position where the implant is to be placed.
2) Drill to the membrane interface with CR28.
3) Raise the membrane by 1 mm with CR33.
4) Connect AT3050 and Silicone Tube to the perforated location and inject water.

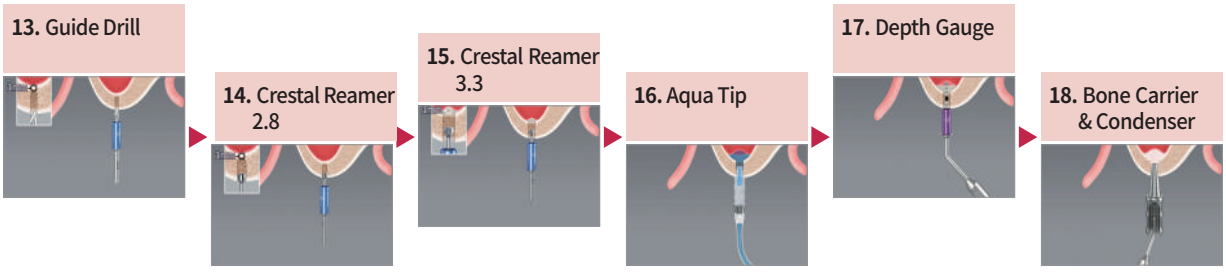
-When using Window Drill

5-1) Depending on the thickness of the bone, use a window drill of an appropriate size to find the center based on the groove already made.
6-1) Drill the found center using Window Drill as it is.
7-1) Remove the circular bone separated through the window drill together with the window drill.

-When using Lateral Drill

5-2) Set the stopper of the lateral drill to the appropriate size according to the thickness of the bone
6-2) Drill the bone with a properly set Lateral Drill.
7-2) If necessary, use Side Cutter to widen or trim the perforated bone.

<Crestal Approach Sinus Lift>



1) Using GD20, designate the location to be drilled on the site where the implant is to be placed.
2) Attach a stopper (SSTP 020~070) of an appropriate size according to the thickness of the affected area with the crestal reamer (SRD28, SRD33, SRD38).
3) Drill to the position where the membrane of the maxillary sinus is raised by 1mm with the clamped crestal reamer.
4) Attach a silicon tube to AT3050 to raise the membrane to an appropriate position.
5) Fill the raised space with artificial bones or autogenous bones using BCL and BCC.
6) Place the implant.

#007
Crestal Approach Sinus Pro Kit

1. The way of most advanced safe and simple for all of sinus lift operation
2. This is able to provide two ways of the sinus lift operation (Crestal approach / Lateral approach)
3. Excellent in safety, simple operation and visual convenience for the sinus lift

Point Drill (RPM 400-500)

Locate the point of perforation on cortical bone.

PD20

Guide Drill (RPM 800-1200)

Making a first hole to the point of perforation on cortical bone before main drilling.

GD20

Aqua Tip-Elevation

To elevate the separated membrane from the maxillary bone, use to connect with silicone tube and syringe for injecting the saline solution

AT3050

Silicone Tube

SCT

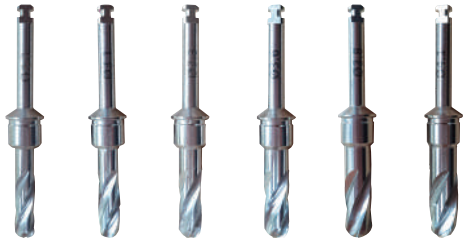
Connecting to the Aqua Tip – Elevation in order to inject the saline solution

Aqua Tip – Dual Action

1. Bone and membrane can be separated easily by omitting the saline solution in both directions at the same time.
2. You can lift the separated membrane directly with the top part made of silicon as well.
3. Designed to make it easy to lift the membrane, it has a world patent.

ATDA

Sinus R Drill (RPM 200-400)



SRD28 SRD31 SRD33 SRD36 SRD38 SRD41

1. It has 6 outer diameters and can be selected according to various clinical cases
2. The rounded tip of drills minimizes damage to the membrane during the operation

Bone Carrier

BCC

Inserting the bone graft inside of the maxillary sinus with the bone pusher

Bone Pusher / Depth Gauge

DG0315

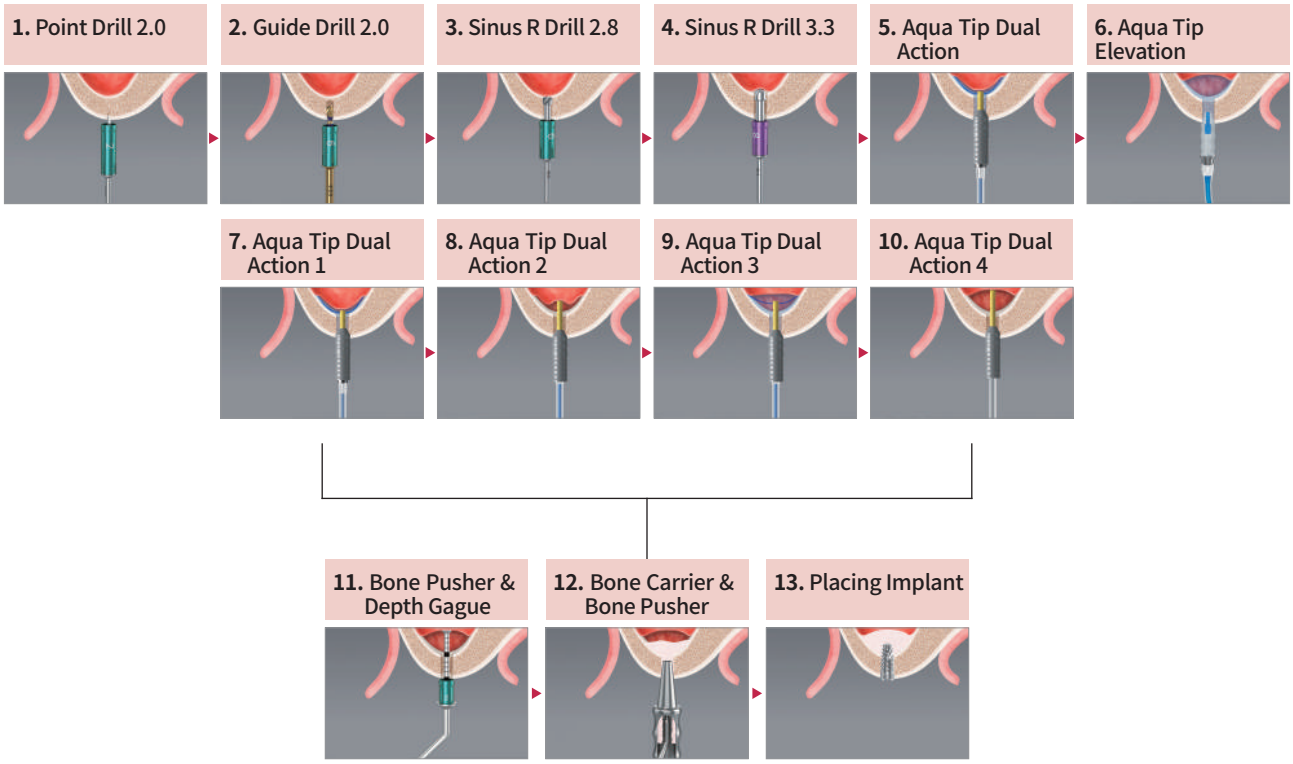
1. Measure the elevated depth of the membrane through the band marking and using stoppers
2. To push the bone graft to inside of the maxillary sinus

Stopper

SSTP020 SSTP030 SSTP040 SSTP050 SSTP060 SSTP070 SSTP080 SSTP090 SSTP100

1. Connecting with a drill to drill to the same length of the cartilage height of maxillary sinus which is measured by CT
2. Connecting with the depth gauge to measure the depth of the elevated membrane

Direction for Use



1. Using PD20 and GD20, designate the drilling position in the area where the implant is to be placed.
2. Connect the Sinus R Drill (SRD28, SRD31, SRD33, SRD36, SRD38, SRD41) to the appropriate size stopper (SSTP020~100) according to the thickness of the affected area.
3. Drill to the position where the membrane of the maxillary sinus is raised by 1mm with the fastened Sinus R Drill.
4. Aqua Tip – Connect the Silicone Tube to Dual Action (ATDA), insert it into the perforated affected area, and inject water to separate the membrane and bone.
5. Aqua Tip – Connect the Silicone Tube to the elevation (AT3050), insert it into the perforated affected area, and inject water to elevate the membrane to an appropriate position.
6. Fill the raised space with artificial bone or autologous bone using BCC and DG0315.
7. Place the implant

#008
One Drilling System Kit

1. Increase satisfactory of implant surgery through reducing the pain by minimize the flap open with this system.
2. Done by one drilling for one implant system.
3. Easy to get the path, no bone heat .
4. Able to collect self-generated bone.

One Drill (RPM 800-1000)

1TD3516 | 1TD3816 | 1TD4016 | 1TD4216 | 1TD4516 | 1TD4816

The drill is made ergonomically and provide not only safe drilling but also the size of implant you would like in one drilling instead of drilling many times.

< The benefit of one drill >
1. Able to make the implant size in one drilling.
2. No bone heat.
3. Able to collect self-bone.
4. Big save of the surgery time.

Guide Drill (RPM 800-1000)

The first drill you have to use and very good for the setting up the implant position.

GD3248

Bone Pusher

Can take out the bone inside of the drill.

BP

Bone Remover (Depth Gauge)

1. Checking the depth by using line marking on the Bone remover.

2. Removing residue bone on created hole.

BR2116

Stopper

OST7 | OST8 | OST8.5 | OST9 | OST10 | OST11 | OST11.5 | OST12 | OST13

9 kind of depth you can have.

Opener OUT

OPO

Tools to disjoint the one drill as a shank part and a flute part.

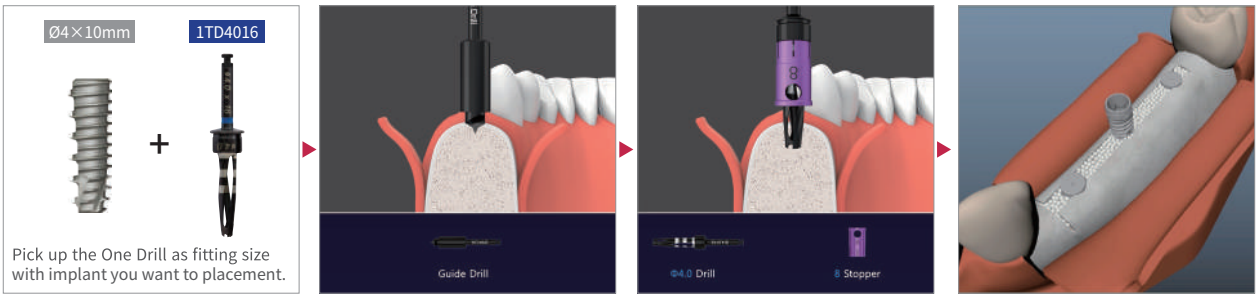
Pincette

PS

Tool to remove remaining bone after using the one drill.

Direction for Use

Implant case: Ø4×10	Guide Drill	One Drill + Stopper	Placing Implant

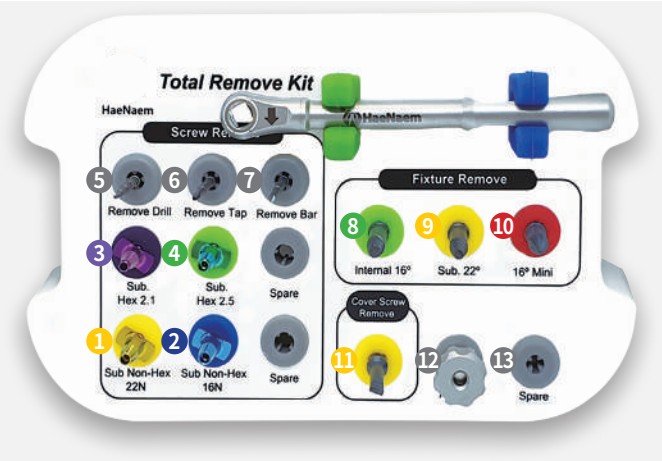


1. Use the guide drill (GD3248) to be careful on the slippery strong bone surface after minimized flap opening.
2. Use the one drill of the same size drill according to the implant size you would like to place.
3. Check the depth with the bone remover (BR2116). If the depth is not deep enough, use the bone remover to remove the leftover bone with stopper.
4. In case of when you find out very hard bone (D1 or D2 bone), you may use one size bigger drill and put it in half only after using the same size drill of the implant size. In case of when you find out very soft bone, you may use one size smaller drill than the implant size.

How to Remove Bone Chip & Cleaning

Hooking	Unlocking	Removing

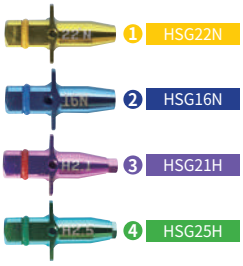
#009
Total Remove Kit



Most easy way to remove broken screw & fixture by using Total Remove Kit.

Screw Remove Part

Implant Guide
Using screw remove drill/tap/bar depend on situation in reverse side to remove broken screw with guide.



1 HSG22N
2 HSG16N
3 HSG21H
4 HSG25H

Screw Remove Drill

5 HSD1032(RPM800-1000)

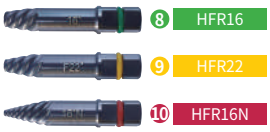
Screw Remove Tap

6 HST1025(RPM30-80)

Screw Remove Bar

7 HSB145B(RPM30-80)

Fixture Remove Part

Fixture Remove


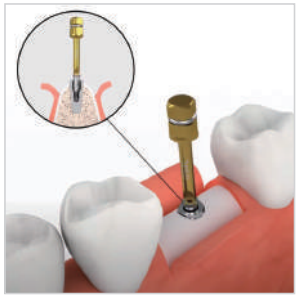
8 HFR16
9 HFR22
10 HFR16N

Using fixture remove take fixture and then reverse side to remove fixture by attached ratchet wrench and adapter.

Cover Screw Remove


11 HSD054L

Using cover screw remover when you find difficulty to open the closing screw.



Instruments

Square Adapter

12 SH

Hand tool to use fixture remove for handy type.

Square Ratchet Wrench

13 HRW

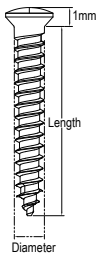
Hand tool to use fixture remove for high torque.

#010
Solid Screw Kit For GBR

HNGBR

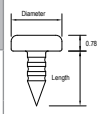
Solid Bone Screw

Item Code	Diameter	Length (mm)	Color	Q'ty
BC1403	Ø1.4	3		5pcs
BC1404		4		
BC1406		6		
BC1408		8		
BC1603	Ø1.6	3		
BC1604		4		
BC1606		6		
BC1608		8		
BC1610		10		



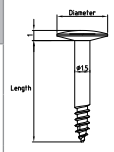
Solid Bone Tac

Item Code	Diameter	Length (mm)	Color	Q'ty
BT2535	Ø2.5	3.5		10pcs
BT2545		4.5		



Dome Screw

Item Code	Diameter	Length (mm)	Color	Q'ty
DS1511	Ø5.0	11		4pcs
DS1509		9		
DS1507		7		



Bone Tac Handle

BTH

Bone Tac Holder

BTHD

Pilot Drill

GPD10

Screw Handle

SH

Screw Holder (Hand-piece)

SHH

Screw Holder (Manual)

SHM

STERI - OSS
Dental Implant System

#011
Bone Collector Kit

1. The point shape of bone chip maker drills specially designed to collect a lot of bone.
2. The shape of bone chip maker drills and the stoppers minimize bone loss.
3. At the beginning, strongly recommends that you use 5mm stoppers.
4. Designed to fill collecting bone inside of the bone chip maker by drilling once.
5. A short drilling can prevent bone necrosis

HNBCK

Highlight

1. Choose appropriate bone chip maker drill and stopper in accordance with the size of bone collecting area.
2. Attach the first part of 5mm stopper to the bone chip maker drill.
3. Start drilling with 1cc of irrigation (Recommended 500RPM).
4. Make sure the status of bone collecting with the stopper fully attached.

Bone Collector

BC30 | BC37 | BC44 | BC50

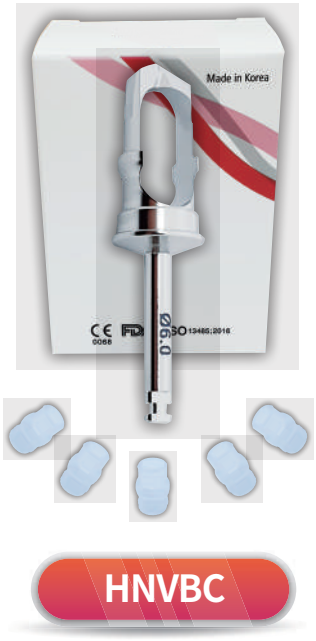
Drill Stopper - 10mm

BCSTP30-10 | BCSTP37-10 | BCSTP44-10 | BCSTP50-10

Drill Stopper - 5mm

BCSTP30-5 | BCSTP37-5 | BCSTP44-5 | BCSTP50-5

#012
V-Bone Collector Set



HNVBC

1. Provides a smooth drilling experience based on excellent cutting effect.
2. It is possible to visually check the amount to be collected with a transparent cap designed with elasticity, and a large amount of bone can be collected easily and conveniently.
3. Easy cleaning and storage with easy attachment and detachment of drill and cap.

Highlight

1. Attach the cap to the drill and fix it to the handpiece.
2. Drill until the middle part of the cap protrudes (depth about 5mm).
3. When bone collection is complete, remove the cap and transfer the contents to a separate storage container and repeat the same sequence according to the required amount.

※ Cap can be sterilized.

The Components

BC60

VBCC

V-Bone Collector Drill

V-Bone Collector Drill with Cap

After Bone Collecting with Cap

After Bone Collecting without Cap

#013
Initial Kit

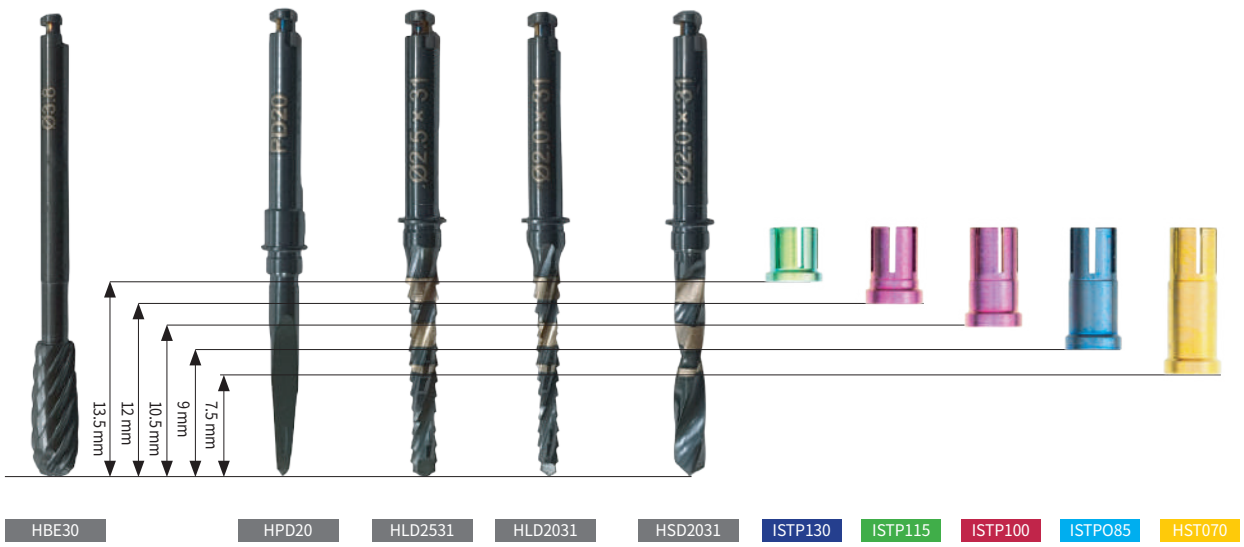
1. Product that contain only initial drills that can be used for almost implant brands and shapes.
2. Provide 5 stoppers for drilling as an appropriate depth.
3. This can reduce the burden on purchasing the implant surgical kit.

HNITK

Highlight

1. Point Drill : Using a Point Drill to indicate starting point for placement implant.
2. Initial Drill : This is the drill to expand right after guide drill.
3. Lindemann Drill : This can change the direction of the implant bed and widen the implant bed a little bit.
4. Bone Trimmer: Flattening / Trimming / Removing of hard tissue, tooth and bone.

Bone Trimmer | **Point Drill** | **Lindemann Drill** | **Initial Drill** | **Drill Stopper**



#014
Bone Mill Kit

HNBMK

1. The guide assembly type drill makes it convenient to combine/disconnect the guide, and it is easy to clean and store.
2. No damage to the conical taper inside the FIxture because the guide support does not rotate during drilling.
3. Solve foundation hole creation and bone mill at once with only drilling using a combination drill

Bone Mill Guide Narrow

Ø4.0 HBMG40 | Ø4.5 HBMG45

If the abutment cannot be properly fixed due to the interference of adjacent bones during the fastening of the abutment after fixture placement, the bone mill guide is drilled at a low speed of less than 100rpm to gradually cut the excess bones around the implantation area.

Bone Mill Guide Regular

Ø5.0 HBMG50 | Ø6.0 HBMG60

If the abutment cannot be properly fixed due to the interference of adjacent bones during the fastening of the abutment after fixture placement, the bone mill guide is drilled at a low speed of less than 100rpm to gradually cut the excess bones around the implantation area.

Peanut Trimmer

Ø6.0 HPTD60

Peanut Trimmer can be used flexibly without affecting from the location and angle etc.

Bone Trimmer

Ø5.0 FRB50

Flattening / Trimming / Removing of hard gingiva, tooth and bone.

#015
Tissue Punch Kit

HNTPK

1. A-Type : Before drilling, these can be used to take out the tissue.
2. B-Type : These can be used for same time to take out the tissue and make a 5mm guide hole.
3. C-Type : These can remove the tissue and there is no need extra action to remove residual tissue.

Pusher

PSH

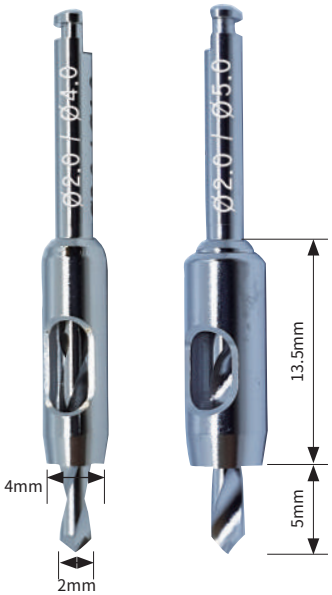
Highlight

1. Choose an appropriate component in accordance with the size of implant placement.
2. When you choose an appropriate component, you can choose B-type if you would like to make a guide hole.
3. Remove tissue with irrigation by using hand-piece

A-Type

HTIPU35 HTIPU45 HTIPU55

B-Type



HTIPU40G HTIPU50G

C-Type

HTIPU40C HTIPU50C

#016
Round Bur Kit

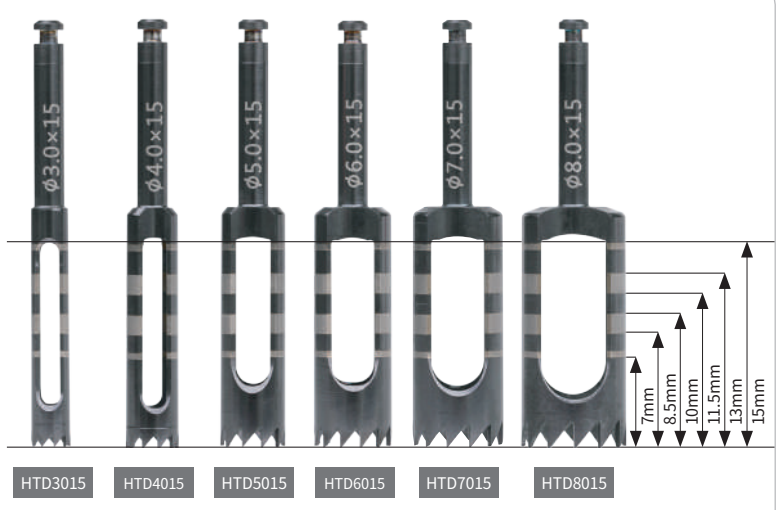
HNRBK

The Components

#017
Trephine Kit

HNTHK

Direction of use



You can choose one among its 6 trephine drill in accordance with various usage and diameter.

ITEM CODE	INNER DIAMETER	ITEM CODE	INNER DIAMETER
HTD3015	Ø2.4	HTD6015	Ø5.2
HTD4015	Ø3.4	HTD7015	Ø6.2
HTD5015	Ø4.2	HTD8015	Ø7.2

STERI - OSS
Dental Implant System

STERI - OSS
Dental Implant System

STERI-OSS|IMPLANT Co.Ltd

Incheon

[illegible]
TEL. [illegible] FAX NO. [illegible]

[illegible]