Surgident™

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SD-C-UD-V11-2010903-ENG

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Ideal
Dental Solution
for Satisfaction
with happiness

Surgident™

Product Catalogue

You can get more detail with QR code

About Surgident

“Ideal Dental Solution for Satisfaction with Happiness.”

Surgident Co., Ltd. is a specialized manufacturer of dental medical devices established in 2006. The Surgident brand combines 'surgery' and 'dentistry', with the mission to create 'Smiley World', that is, strong teeth and oral health for everyone and therefore, our employees strive to develop the brand into a global company while representing Korea in the best possible way under that idea.

Since its establishment, Surgident has been expanding its business through competitive quality and production cost reduction through self-manufacturing, and has received much interest and support from medical dental technicians. We are constantly making changes to improve our technology development and manufacturing facilities and equipment, in order to meet customer's excpeactation.

Increasing the number of dental hospitals and patients due to the aging population and implementing cutting-edge dental procedures are becoming all the more important not only for surgical purposes but also for esthetics.

We look forward to further expansion of our dental field in terms of business feasibility and business scope and we are now in the process of helping to make another leap forward.

Surgident Co. Ltd. is committed to be a 'leading company' that pays close attention to new dental industry trends to find and create new dental products.

Thank you.

History of Surgident

2006	Oct	Establishes Surgident
2014	Jan	Establishes Surgident Co., Ltd.
2015	Apr	Factory expansion
	Jan	Obtains EN ISO 13485
		CFDA registered- Class1
2016	Feb	Patent registered ‘Perforation drill for upper jawbone’
		Patent registered ‘Fixture remover for Implant’
	Jun	Patent registered ‘Endodontic instrument’
	Dec	Obtains CFDA- Class2
		Design registered ‘Dental implant surgical drill’
2017	Sep	Acquired certification of MFDS of implant upper structure
		US Patent registered ‘FIXTURE REMOVER FOR IMPLANT’
2018	Mar	Patent registered ‘Measuring apparatus of implant fixing force’
	Dec	Acquire GBR System 510K
		Transferring the Headquarter and Factory Laboratory to Daegu
		Designation of a bright small and medium-sized businesses export enterprise
		$1 Million Export Top Award

CONTENTS

SD-TORQUE SD-TQ

Scan the QR code to get more information of the item on this page.

Used to fix or separate upper structures in implant surgery.
Accessible to the molar area which is hard to implant with wrench.

Installation

·Insert driver into the hole.

Torque control

·Easy torque setting.

Operation

·Turn the handle clockwise or
counterclockwise to tighten and loosen.

Dental Handpiece

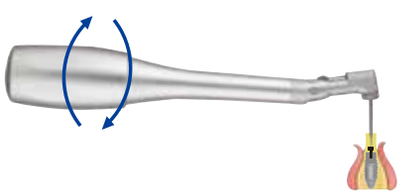
SD-TORQUELESS SD-NQ

It is a non-torque version of SD-Torque, which makes it easy to access molar area during implant placement.

Installation

・Turn the latch key to the right.
・Insert driver into the hole.
・Return the latch key to lock.

Operation



・Rotate the handle to the right.
(to release, rotate it in the reverse direction.)

* Autoclave OK

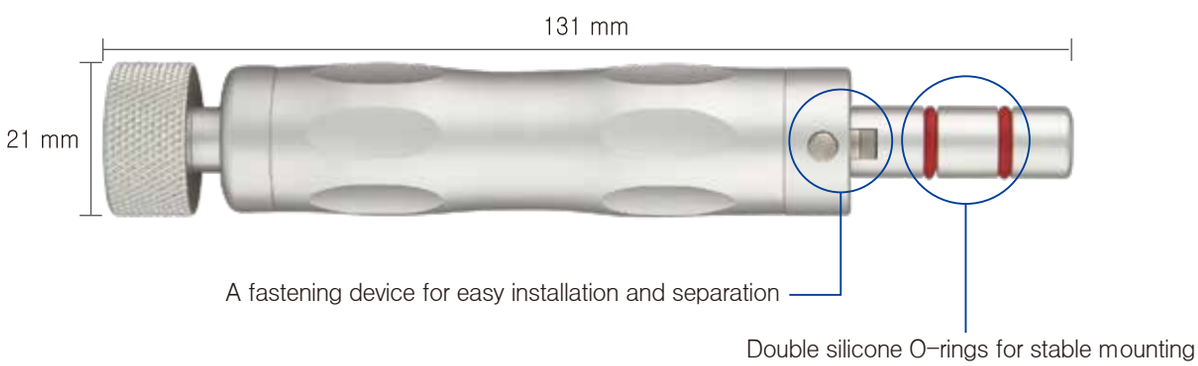
* Driver is included.(1.2mm)

(Short)

HANDPIECE APPLICATOR SD-HD01

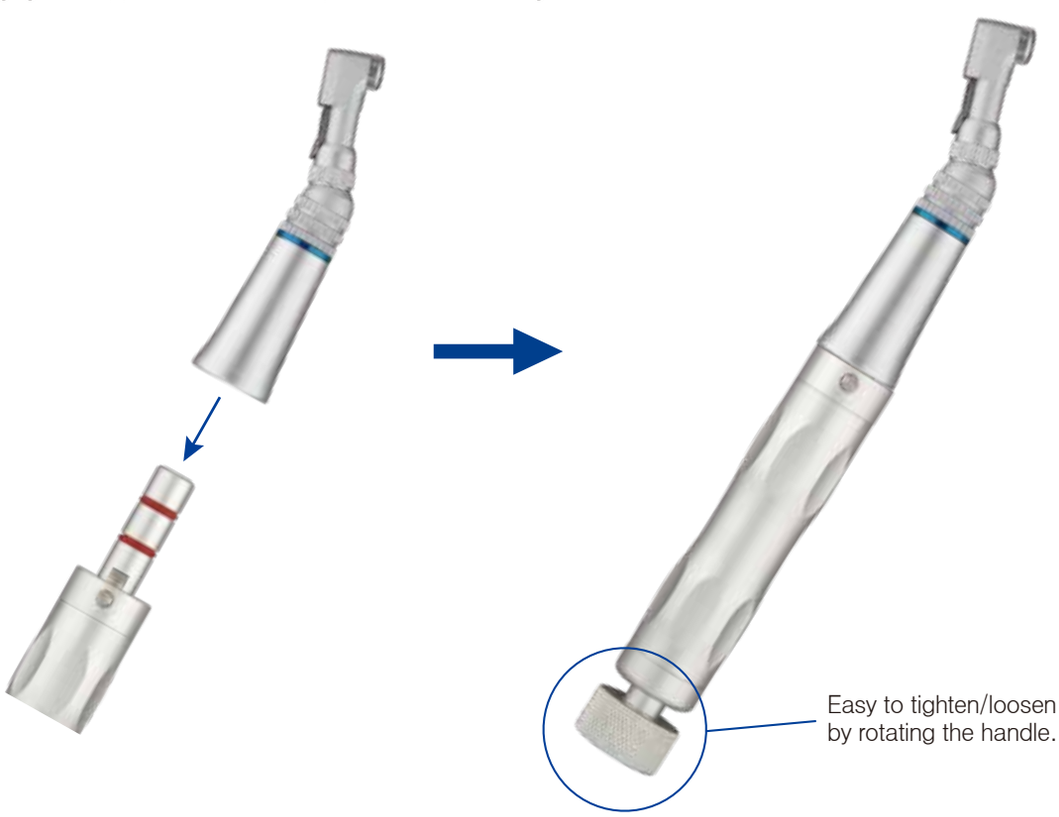
Torque-less type applicator for dental handpiece to use manually.
It is convenient to operate handpiece by rotating the bottom handle.

- The torque-less type handle is designed to be compatible with all handpieces on the market.
- The procedure can be performed in areas that are difficult to access in the mouth, e.g. molar, the palate, and mandibular medial.
- Compared with handpiece for engine when tightening or loosening of implant or upper structures, it is easy to feel torque resistance, making it possible to carry out sensitive operation.



Handpiece connection

- Engage the applicator with a handpiece as shown in Fig.



Implant Remover

FIXTURE & SCREW REMOVER KIT SD-FSR

Assorted kits of components needed to remove failed implant fixture and fractured screw in simple and safe way.

Fixture remover system

For failed implants or implant marginal bone loss by excessive torque, remove the implant fixture by Fixture remover in safety.

Fixture remover screw

- Fixed in and remove implant fixture by turning counterclockwise.

* In case that Fixture remover screw cannot be separated from the fixture because of excessive torque, forceps or mini vise can be used to grab and loosen the fixture by turning clockwise.

FRD-01	1.6 / 1.8	
FRD-02	2.0 / 2.5	
FRD-03	Narrow	

22mm

Turning handle (For Fixture remover screw)

- Handle tool with Fixture remover screw for manual use.

TH-03

11mm

Wrench – Long

- Used with Fixture remover screw manually.

110mm

SDWRH-02

Ratchet extension

- Connected with wrench when the surgical site is not accessible.

RE-02

Handpiece condenser

- Used to connect Fixture remover screw with implant engine.

SDADP-01

Implant Remover

Screw remover system

Possible to remove fractured screws in fixtures safely without slip by Drill guide selected from the standard of the fixture connection and the screw broken in that.

Remover drill

- Used by turing counterclockwise in Drill guide engaged with Guide holder.

D-REM08 Ø0.8

D-REM13 Ø1.3

Reverse drill

- Used to form a hole into the fractured surface of the screw by turning it counterclockwise in Drill guide with enough irrigation, in case that a fractured abutment screw is not removed by Remover drill.

D-RED08 Ø0.8

D-RED13 Ø1.3

Tap drill

- Used after a hole formed by Reverse drill. Fixed it into the hole and remove the screw by turing it counterclockwise.
  * Recommended RPM: Below 80

TD-08 Ø0.8

TD-13 Ø1.3

Guide Holder

- In surgery, it is used to fix Drill guide before and while drilling.

GH-01

Turning handle

- Used with drills for manual use.

TH-01

Flat tip driver

- Used to form a slot with a bur in case of fractured one-body implant or damage to the hex of upper structure.

FTD-01

(Thickness of tip: 0.8mm)

Drill guide

- Used with Guide holder to fix Drilling.

Implant Remover

FIXTURE REMOVER KIT SD-FR

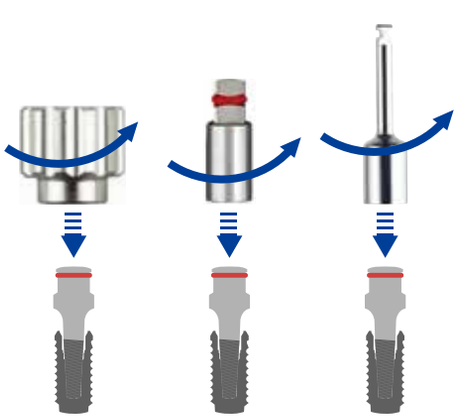
For failed implants or implant marginal bone loss by excessive torque, remove the implant fixture by Fixture remover in safety.

Fixture remover screw

- Fixed in and remove implant fixture by turning counterclockwise.

  * In case that Fixture remover screw cannot be separated from the fixture because of excessive torque, forceps or mini vise can be used to grab and loosen the fixture by turning clockwise.

1.6 / 1.8	2.0 / 2.5	Narrow
FRD-01	FRD-02	FRD-03



For Fixture remover screw

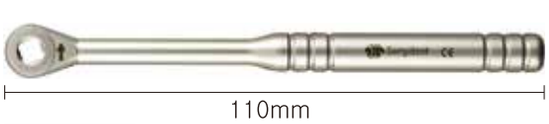
Turning handle

- Handle tool with Fixture remover screw for manual use.

TH-03

Wrench – Long

- Used with Fixture remover screw manually.



SDWRH-02

Ratchet extension

- Connected with wrench when the surgical site is not accessible.

RE-02

Handpiece condenser

- Used to connect Fixture remover screw with implant engine.

SDADP-01

SCREW REMOVER KIT SD-SR

Possible to remove fractured screws
in fixtures safely without slip by Drill guide selected
from the standard of the fixture connection
and the screw broken in that.

Remover drill

- Used by turing counterclockwise in Drill guide engaged with Guide holder.

D-REM08 Ø0.8
D-REM13 Ø1.3

Reverse drill

- Used to form a hole into the fractured surface of the screw by turning it counterclockwise in Drill guide with enough irrigation, in case that a fractured abutment screw is not removed by Remover drill.

D-RED08 Ø0.8
D-RED13 Ø1.3

Tap drill

- Used after a hole formed by Reverse drill. Fixed into the hole and remove the screw by turing it counterclockwise.
  * Recommended RPM: Below 80

TD-08 Ø0.8
TD-13 Ø1.3

Drill guide

- Used with Guide holder to fix Drilling.

Guide Holder

- In surgery, it is used to fix Drill guide before and while drilling.

GH-01

Turning handle

- Used with drills for manual use.

TH-01

Flat tip driver

- Used to form a slot with a bur in case of fractured one-body implant or damage to the hex of upper structure.

FTD-01

(Thickness of tip: 0.8mm)

Sinus Lift

C&L SINUS KIT SD-CL
: Crestal & Lateral Approach

Possible of convenient operation
with surgical tools needed for both
Crestal approach and Lateral approach
as Sinus lifting system.

Stopper
・It prevents excessive perforation of hole.

3mm	4mm	5mm	6mm	7mm	8mm
SDST-03	SDST-04	SDST-05	SDST-06	SDST-07	SDST-08

Silicon tube
・Length: 50cm

SD-ST

SD-Reamer
・Used for Perforating Sinus interior wall.
・Safe membrane lifting as round shape at drilling on bone.
・Recommended RPM: 800~1,200

SDR-28 SDR-33 SDR-37

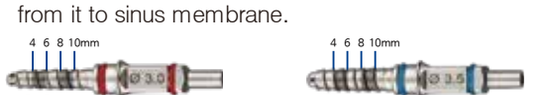
Handpiece condenser
・Used to connect Aqua Lift System using implant engine.
・Recommended RPM: 30~40
・Recommended N/cm: 20

SDADP-02

Ratchet extension
・Used to extend the length with wrench and Aqua Lift System.

R.C EXT

Aqua Lift System
・It makes a role of delivering saline discharged from it to sinus membrane.



CLS30 CLS35

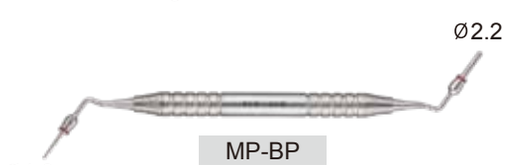
Wrench
・To fix Aqua Lift System into the perforated hole manually.

SDWRH 00

Guide drill
・It makes guide hole marking an accurate point before using reamer.

SD-GD20

Bone packer
・It inserts and fills graft material.



MP-BP

Stopper

· Engaged with Later approach tools, secure the safety for damage on sinus membrane while drilling.(Depth controlling)

0.5mm
LAST-0.5

1.0mm
LAST-1.0

1.5mm
LAST-1.5

2.0mm
LAST-2.0

2.5mm
LAST-2.5

Sinus curette

· Used to lift sinus membrane.
· Recommended to use by its sequential order.

TOLA2-01

TOLA2-02

TOLA2-03

LASC : Lateral Approach Side Cutter

• Used to trim or expand formed sinus lateral window.
• Coated diamond material on it helps to remove bone clearly minimizing heat.

Ø7.0 LASC-7.0

Product Code	Diameter(Ø)	Length(mm)
LASC-7.0	7.0	29

LACD : Lateral Approach Core Drill

• Drill for safe perforation of lateral wall.
• Coated with diamond material to minimize the damage while touching directly the membrane.

Ø8.0 LACD-8.0

Product Code	Diameter(Ø)	Length(mm)
LACD-8.0	8.0	25

LASR : Lateral Approach Sinus Reamer

• Modified drill from SD-Reamer for use in Lateral approach.
• Possible of safe perforation on alveolar bone by the cutting edge shape to drill minimizing damage on the sinus mambrane efficiently.

Ø8.0 LASR-8.0

Product Code	Diameter(Ø)	Length(mm)
LASR-8.0	8.0	25

Sinus Lift

TOCA KIT SD-TOCA
: Tool of Crestal Approach

Scan the QR code to get more information of the item on this page.

Safe sinus lifting with specially Designed reamer.
Various composition to operate.

SD-Reamer
: Perforation drill for upper jawbone

- Used for perforation of sinus interior wall.
- Dome shaped design for safe membrane lifting while drilling.
- Recommend RPM: 800~1,200

Ø2.3

SD-RM23

Ø2.8

SD-RM28

Ø3.3

SD-RM33

Ø3.7

SD-RM37

Guide drill

- It makes guide hole marking an accurate point before using reamer.

GD-20

Diameter(Ø): 2.0 Length(mm): 32.5

Diamond reamer

·It cleans granulation tissue and soft tissue quickly in safety after extraction.
·It makes a role of initial guide when bone is thin or residual bone is very near to membrane.
·Recomended RPM : 800~1,200

TOCA-DR20

TOCA-DR28

TOCA-DR33

Sensor gauge

·It is to check if sinus membrane is perforated.

TOCA-SG

Depth gauge

·It is to measure the depth of hole after drilling.

GAG-08

Bone packer

·It inserts and fills graft material.

TOCA-BP

Bone syringe

·It moves graft material into the sinus.

BS-01

Stopper

·It prevents excessive perforation of hole.

3mm	4mm	5mm	6mm	7mm	8mm	9mm	10mm	11mm	12mm
ST-03	ST-04	ST-05	ST-06	ST-07	ST-08	ST-09	ST-10	ST-11	ST-12

AQUA TOCA KIT SD-AQUA

Scan the QR code to get more information of the item on this page.

Low risk of perforation using hydraulic pressure in lifting sinus membrane.

Much safer than other hard tools by lifting the membrane using saline through ALS(Aqua Lift System) and makes the membrane lifted as dome shape all the time.

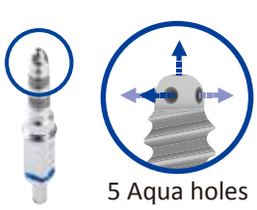
SD-Reamer : Perforation drill for upper jawbone

- Used for Perforating Sinus interior wall.
- Safe membrane lifting as round shape at drilling on bone.
- Recommended RPM: 800~1,200

SD-RM23	Ø2.3	
SD-RM28	Ø2.8	
SD-RM33	Ø3.3	
SD-RM37	Ø3.7	

ALS: Aqua Lift System

- After SD-Reamer, fix ALS in sinus interior wall using wrench or implant engine.
- ALS makes a role of delivering saline discharged from it to sinus membrane.
- 5 aqua holes(4 at side and 1 at the top) on ALS help to make safer sinus lifting as dome shape.



ALS30	
ALS35	

Handpiece condenser

- Used to connect ALS using implant engine.
- Recommended RPM: 30~40
- Recommended N/cm: 20

SDADP-02 

Ratchet extension

- Used to extend the length with wrench and ALS.

R.C EXT 

Wrench

- To fix ALS into the perforated hole manually.

SDWRH-00 

Silicon tube

- Length: 50cm

SD-ST

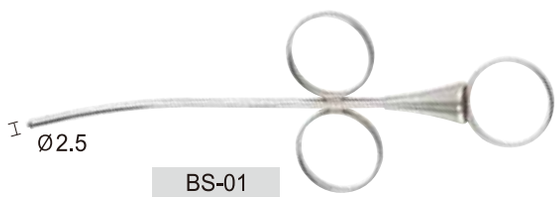
Sinus Lift

• All components of Stopper set, Guide drill, Depth gauge, Bone packer and Bone syringe are same as the ones in TOCA KIT.

GAG-08

TOCA-BP

TOCA-SG

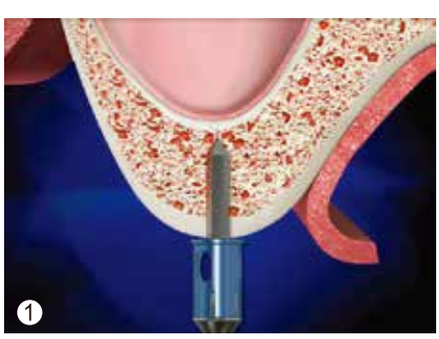


BS-01

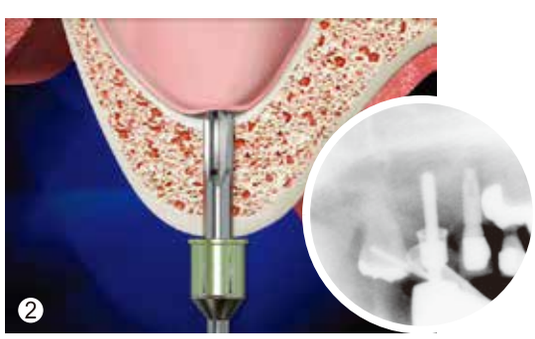
GD-20

3mm	4mm	5mm	6mm	7mm	8mm	9mm	10mm	11mm	12mm
ST-03	ST-04	ST-05	ST-06	ST-07	ST-08	ST-09	ST-10	ST-11	ST-12

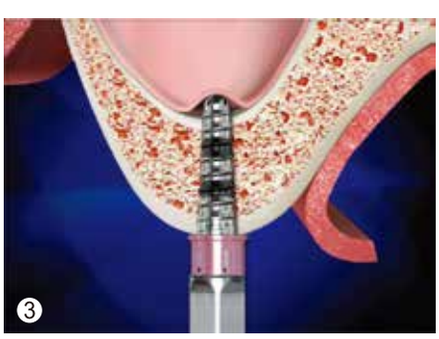
How to use



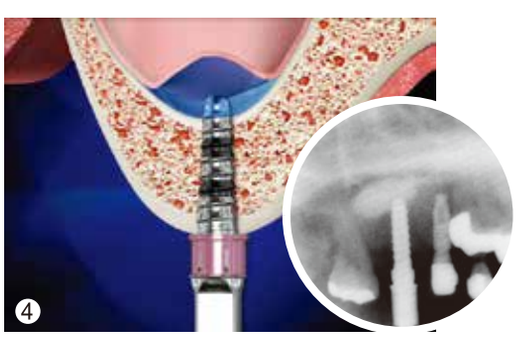
• Make marking at surgery area using Guide drill.



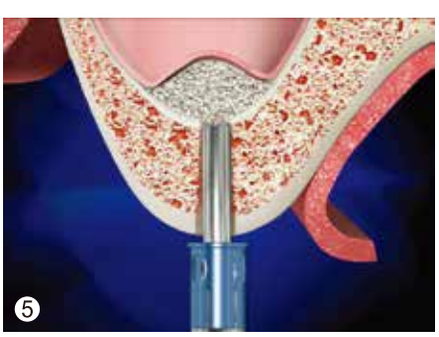
• Drill with stopper engaged all the way up to membrane more than 1mm.



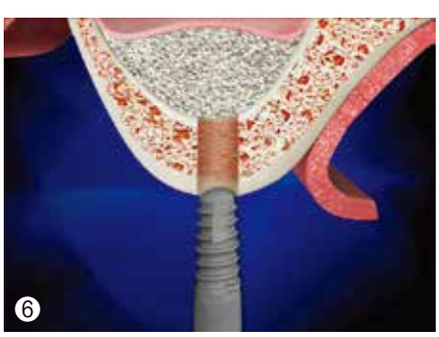
• Fix ALS into the hole.



• After drilling, lift up membrane using hydraulic pressure with ALS.



• Fill the space lifted with bone graft material using bone packer.

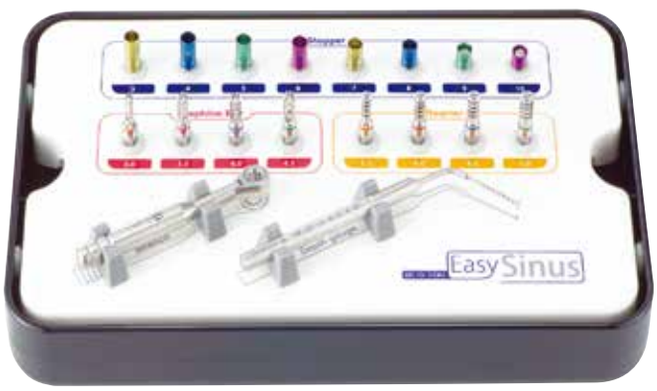


• Place the fixture.

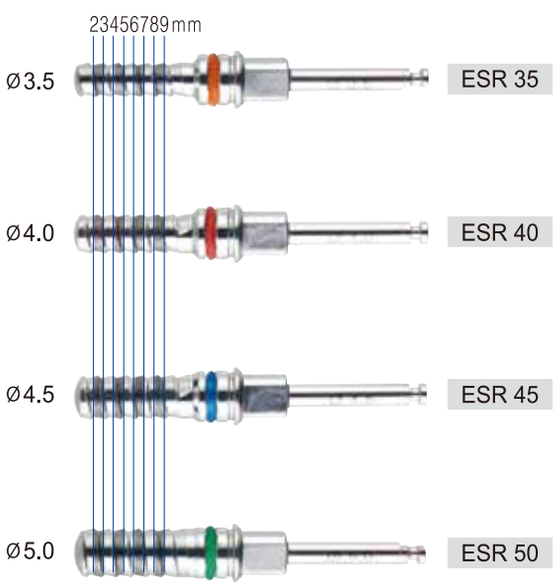
Sinus Lift

EASY SINUS KIT SD-ES

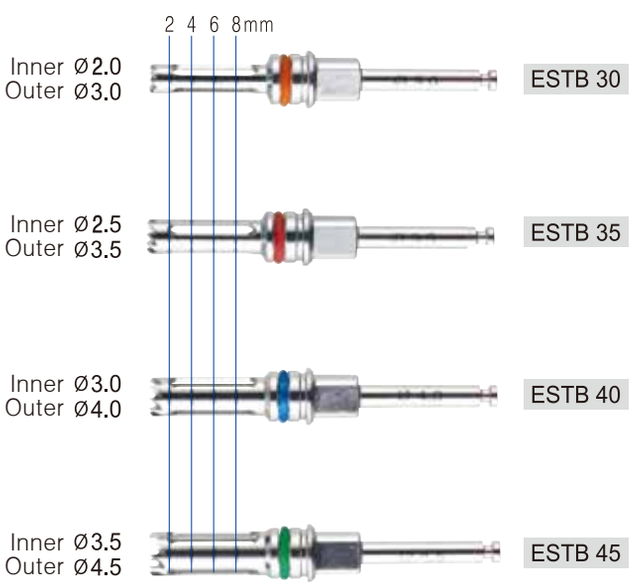
Useful to get proper amount of osseous tissue during implantation on the maxillary molar area.



ES-Reamer



Trephine bur



Wrench

・Used manually to fix ES-Reamer.

SDWRH-00

Depth gauge

・Tool to measure the depth of the drilled hole.

GAG-10

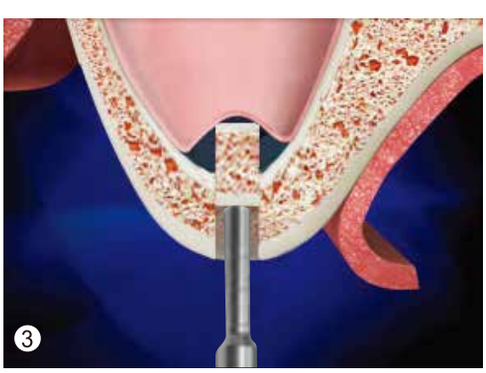
Stopper

・It prevents excessive perforation of hole.

3mm	4mm	5mm	6mm	7mm	8mm	9mm	10mm
EST-03	EST-04	EST-05	EST-06	EST-07	EST-08	EST-09	EST-10

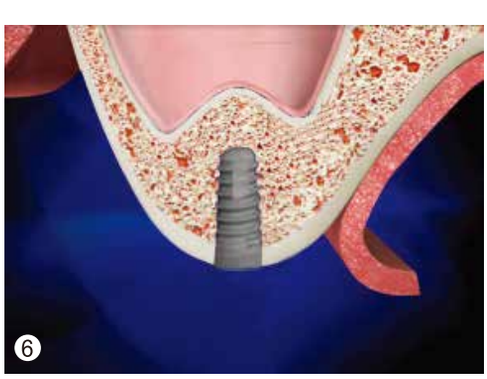
How to use

- Measure the depth of the residual bone of the maxillary sinus through X-Ray picture before operation.
  Choose a stopper which is 1mm shorter than the depth of residual bone and insert the trephine bur with desired size.
  Make drilling on the bone. (Recommended RPM : 800~1,000)



- Lift sinus wall with the cut bone by malleting osteotome.

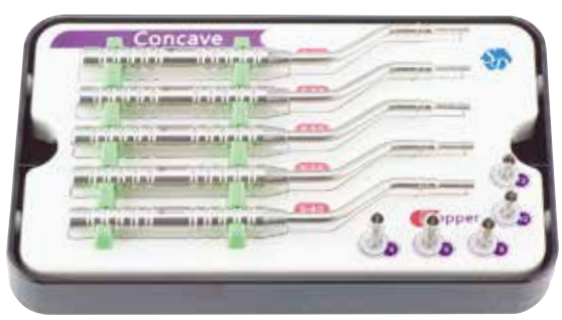
- Use ES-Reamer slowly to lift sinus membrane and secure the space inside the maxillary sinus.
  (Recommended RPM : 20~25)
  * Wrench is usable.



- Place fixture.

OSTEOTOME SET

S-Set SD-CONCAVE




S-2.0

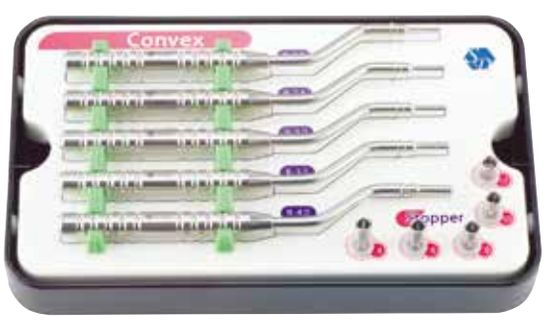

S-2.5


S-3.0


S-3.5


S-4.0

R-Set SD-CONVEX




R-2.0

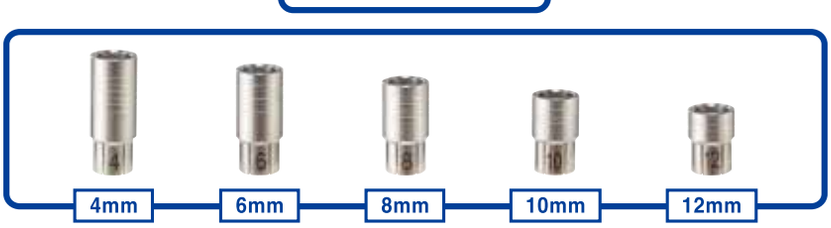

R-2.5


R-3.0


R-3.5


R-4.0

Stopper



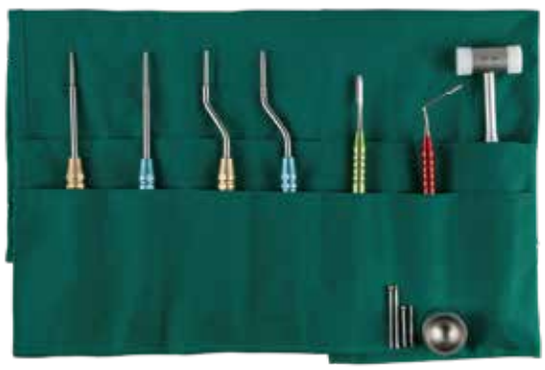
OST-4 | OST-6 | OST-8 | OST-10 | OST-12

* Stoppers are included in both Osteotome S-Set and R-Set.

3S SET SD-3S

Composed of instruments necessary for perforation.

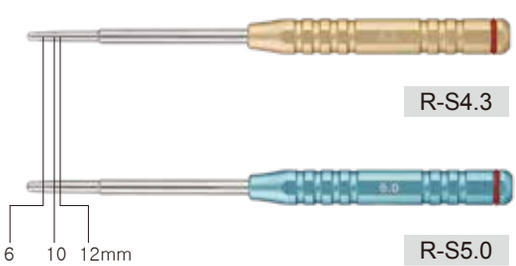
Used to lift sinus membrane directly from the alveolar ridge even if the remaining bone of the surgical site is 2 to 4 mm or less.



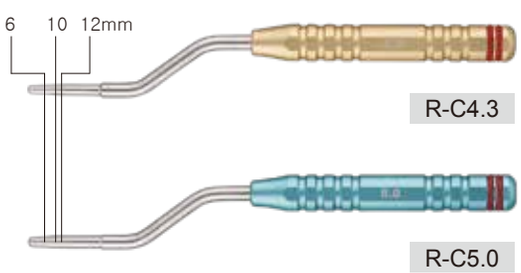
Osteotome

- Required for the alveolar ridge approach.
- Designed in the shape of a convex and used with a mallet during the operation to apply force parallel to the center line of the handle.

<Straight type>

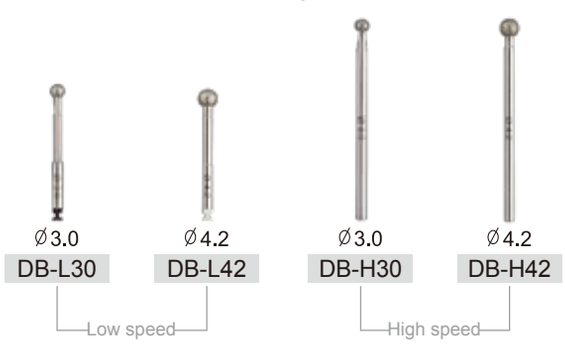


<Curved type>



Dia bur

- Used to remove the alveolar bone if the depth of that is 2 to 4mm or less on the surgical site.



Mallet

- A mallet to be used with Osteotome.

Bone well

- Used for grafting or mixing graft materials.

Bone packer

- Tapered design prevents excessive insertion of instruments during filling graft material into the sinus.

Bone curette

- Used to transfer the graft material into the sinus membrane.

Sinus Lift

TOLA KIT SD-TOLA

: Tool of Lateral Approach

Scan the QR code to get more information of the item on this page.

Composition of tools forming sinus lateral window in safe and speedy way.

Used in surgery cases : Residual bone within 1~3mm, Perforated membrane at crestal approach, Placement of multiple implants.

Sinus curette

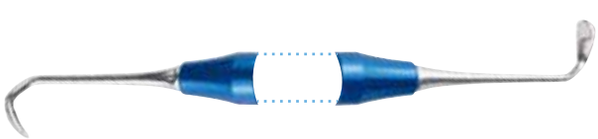
- Used to lift sinus membrane manually.
- Recommended to use by its sequential order.

*** Detail**

TOLA-01

TOLA-02

TOLA-03



TOLA-04

LAC : Lateral Approach Cutter

·Guide drill for non-slip and accurate positioning in using LAD.

LAC-6.0

LAC-8.0

Diameter(ø)	Length(mm)
6.0	20
8.0	20

*Recommended : 800-1,200RPM

LAD : Lateral Approach Drill

·Drill for safe perforation of lateral wall.

·Possible of depth controlling.

·Prevention of damage on the sinus membrane by bone chips covered on it while drilling.

LAD-6.0

LAD-8.0

Diameter(ø)	Length(mm)
6.0	20
8.0	20

*Recommended : 800-1,200RPM

LAR : Lateral Approach Reamer

·Used to open lateral window which is hard to approach.

·Special diamond material designed on it to minimize the damage while touching directly the membrane.

LAR-R8.0

LAR-F8.0

Diameter(ø)	Length(mm)
8.0	20
8.0	20

*Recommended : 800-1,200RPM

TOLA KIT Ⅱ SD-TOLA2

: Tool of Lateral Approach Ⅱ

Sinus lift kit for Lateral approach with ensured safety by connecting stoppers to Lateral approach tools in surgical operation.

Sinus curette

- Used to lift sinus membrane.
- Recommended to use by its sequential order.

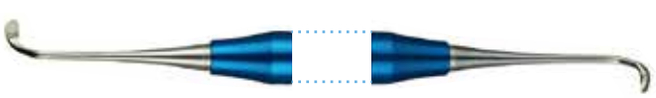
TOLA2-01

TOLA2-02

TOLA2-03

TOLA2-04

***Detail**



Stopper

- Ensure safety by engaging with Lateral approach tools in drilling(Depth controlling) to prevent perforation on sinus membrane.

0.5mm
LAST-0.5

1.0mm
LAST-1.0

1.5mm
LAST-1.5

2.0mm
LAST-2.0

2.5mm
LAST-2.5

LASC : Lateral Approach Side Cutter

• Used to trim or expand formed sinus lateral window.
• Coated diamond material on it helps to remove bone clearly minimizing heat.

LASC-5.0

LASC-7.0

Product Code	Diameter(Ø)	Length(mm)
LASC-5.0	5.0	29
LASC-7.0	7.0	29

LACD : Lateral Approach Core Drill

• Drill for safe perforation of lateral wall.
• Coated with diamond material for excellent cutting force.

LACD-6.0

LACD-8.0

Product Code	Diameter(Ø)	Length(mm)
LACD-6.0	6.0	25
LACD-8.0	8.0	25

LASD : Lateral Approach Sinus Drill

• Use to open lateral window at the site is not accessible to the surgical site with LACD.
• Coated with diamond material for excellent cutting force.

LASD-R8.0

LASD-F8.0

Product Code	Diameter(Ø)	Length(mm)
LASD-R8.0	8.0	25
LASD-F8.0	8.0	25

LASR : Lateral Approach Sinus Reamer

• Modified drill from SD-Reamer for use in Lateral approach.
• Possible of safe perforation on alveolar bone by the cutting edge shape to drill minimizing damage on the sinus mambrane efficiently.

LASR 6.0

LASR-8.0

Product Code	Diameter(Ø)	Length(mm)
LASR-6.0	6.0	25
LASR-8.0	8.0	25

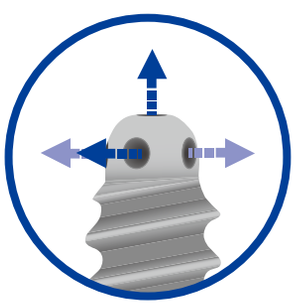
Sinus Lift

WRS KIT SD-WRS
: Water Rising System

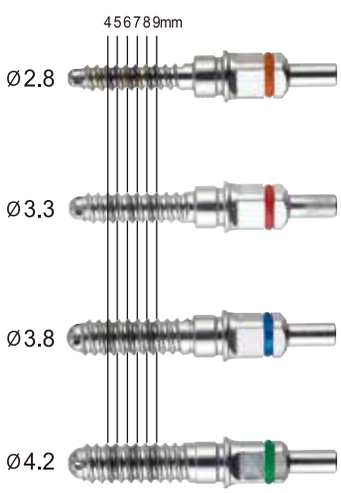
Simple sinus lift component set.
5 holes to make membrane lifted as dome shape.
Lower risk of perforation by hydraulic pressure.

Aqua tip

·Fix Aqua tip in sinus interior wall using wrench.
·It is used to lift sinus membrane and it can be lifted in safety using hydraulic pressure of saline through the holes.



5 Aqua holes
: 4 at side and 1 on top



WRS28
WRS33
WRS38
WRS42

Silicon tube

· Length: 50cm

SD-ST

Stopper

·Prevention of excessive perforation / Various sizes

3mm	4mm	5mm	6mm	7mm	8mm	9mm	10mm	11mm	12mm
ST-03	ST-04	ST-05	ST-06	ST-07	ST-08	ST-09	ST-10	ST-11	ST-12

Bone Expansion & Collection

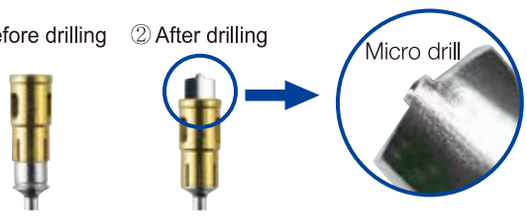
NLBC KIT SD-NLBC
: Never Loss Bone Collector

Scan the QR code to get more information of the item on this page.

Tool to collect patient's own bone for autograft using drill at impant surgery.

Possible to make accurate point with micro drilling.

① Before drilling ② After drilling



Micro drill enables to hold and drill the right point.

Bone pusher

NLBC-BP

Bone collector Φ2.0

NLBC-ST2 → NLBC-2.0

Bone collector Φ3.0

NLBC-ST3 → NLBC-3.0

Bone collector Φ4.0

NLBC-ST4 → NLBC-4.0

Bone collector Φ5.0

NLBC-ST5 → NLBC-5.0

How to use

- Connect the stopper with desired size of NLBC drill.

- Place the connected drill on the surgery area or implant placement area and then make drilling. (Recommended RPM : 300, Recommended N/cm : 50)

- After drilling, stopper is inserted completely and the inserted depth is 4mm.(Identical in all sizes)

- Separate the drill and then push out the bone from the stopper using bone pusher.

Bone Expansion & Collection

BMS SD-BMS
: Bone Multi System

Scan the QR code to get more information of the item on this page.

Combination set for Bone expander kit and Bone spreading kit.

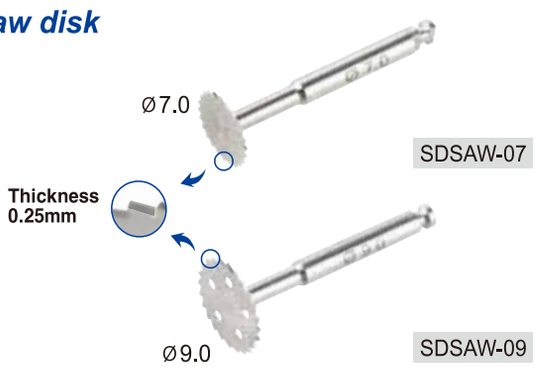
Additional chisel and bone collector.

For patient who has narrow bone ridge at one time when placing implant in various cases.

Contouring Bur

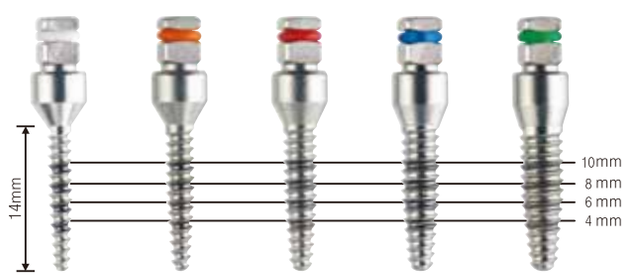
·Flattens the slope of the bone.

Saw disk



Guide drill

Expander drill



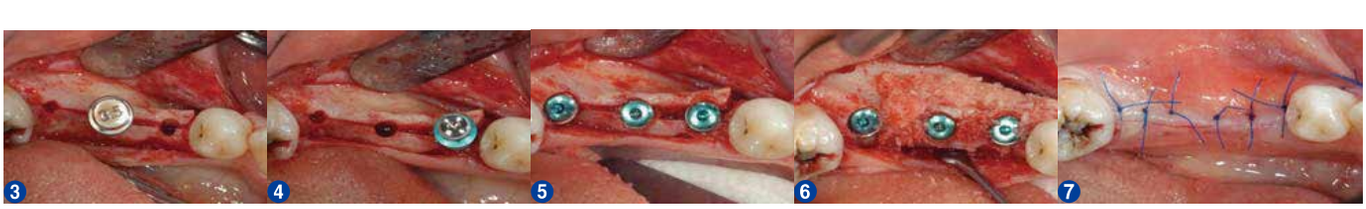
·Recommended RPM : 40~50

Handpiece condenser

Wrench

Clinical Case

·It is used for single implant.
·After guide drilling on narrow bone ridge,
make sequential expansion using expander drill.
·It gives initial fixation power.
Ex) Expanding up to 4.0 for 4.5 size of implant placement.



Bone Expansion & Collection

Spreading pin

SP-01

Spreading adapter

SA-01

∗ When connected

·Turn Spreading adapter clockwise to spread upper and under parts of the pin.

Wrench adapter

WA-01

·Connected with Spreading pin to be operated using Wrench.

Never Loss Bone Collector

NLBC-5.0

NLBC-ST5

∗ Before drilling

∗ After drilling

Bone is collected inside the stopper.

Spliting chisel

1.0mm / Curved

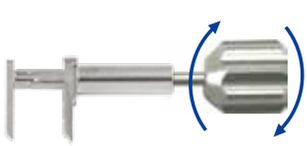
SCL-05

How to use

❶ Incise the alveolar bone that implant will be placed using Saw disk. (the sequence of incision follows the picture at the bottom.)

1mm

❷ Insert Spreading pins between the incised bone side by side. If this step is not applicable, Spead the site using Spliting chisel and operate again.



∗Connect Spreading adapter to inserted pin and turn clockwise.

❸ Turn the pins one by one slowly and expand the ridge evenly. (Wrench adapter with Wrench is usable instead of Speading adapter.)

∗If needed, collect more graft material using NLBC.

❹ After the expansion, remove Spreading pins and place fixtures on the site. (Exchange each pin and fixture separately, not remove all pins at the same time.)
Fill graft bone material around placed fixtures.

Bone Expansion & Collection

BONE EXPANDER KIT SD-BE

Scan the QR code to get more information of the item on this page.

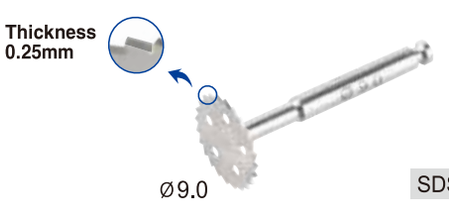
Used for the patient with narrow bone ridge or bad bony tissues.

Unique design of expander drill.

Contouring Bur

・Flattens the slope of the bone.

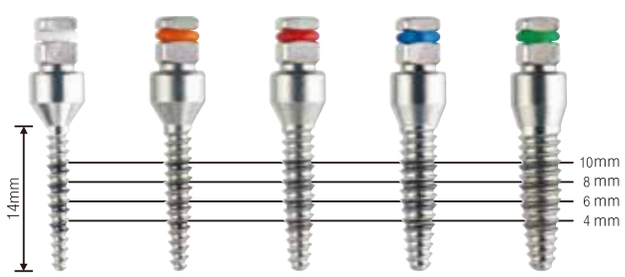
Saw disk



Guide drill

・It is used for single implant.
・After guide drilling on narrow bone ridge, make sequential expansion using expander drill.
・It gives initial fixation power.
Ex) Expanding up to 4.0 for 4.5 size of implant placement.

Expander drill



・Recommended RPM : 40~50

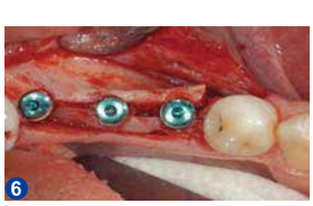
Handpiece condenser

SDADP-01

Wrench

SDWRH-00

Clinical Case



Bone Expansion & Collection

EASY BONE EXPANDER KIT SD-EBE

Designed to connect stoppers for improved safety and ease in surgical operation, Particularly, useful of surgery in anterior area with Hand driver.

Saw disk

SDSAW-09

Handpiece condenser

SDADP-01

Guide drill

BEGD-20

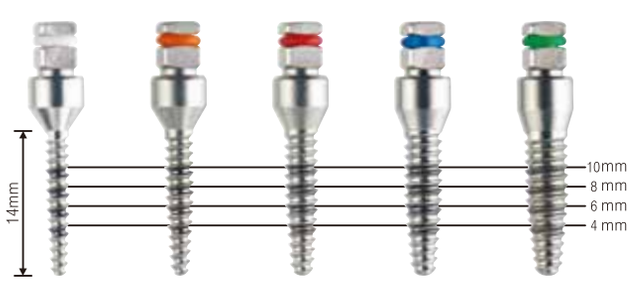
Ratchet extension

RE-01

Expander drill

・Screw to expand bone of surgical site.

Ø2.8/4.0 Ø2.5/3.5 Ø2.0/3.0 Ø1.8/2.5 Ø3.0/4.5



SDEXP-01 SDEXP-02 SDEXP-03 SDEXP-04 SDEXP-05

・Recommended RPM : 40~50

Wrench

SDWRH-00

Hand driver

・Used manually with Expander drill for surgical operation at anterior site.

SD-HD

Stopper

・Stoppers to control the depth of the surgical site from screwing of Expander drill.

* Possible to engage stoppers.

4mm BEST-04 | 5mm BEST-05 | 6mm BEST-06 | 7mm BEST-07 | 8mm BEST-08 | 9mm BEST-09 | 10mm BEST-10

Bone Expansion & Collection

BONE SPREADING KIT SD-BS

Scan the QR code to get more information of the item on this page.

Placement of several implants at one operation for the patient who has narrow bone ridge.

Saw disk

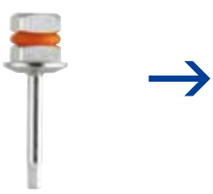
SDSAW-07

SDSAW-09

Wrench

SDWRH-00

Wrench adapter



WA-01

・Connected with Spreading pin to be operated using Wrench.

Spreading pin

SP-01

Spreading adapter

SA-01

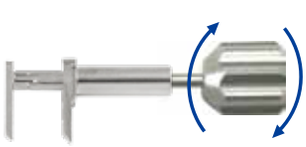
＊When connected

・Turn Spreading adapter clockwise to spread upper and under parts of the pin.

How to use

❶ Incise the alveolar bone that implant will be placed using Saw disk. (the sequence of incision follows the picture at the bottom.)

❷ Insert Spreading pins between the incised bone side by side. If this step is not applicable, Spead the site using Spliting chisel and operate again.



＊Connect Spreading adapter to inserted pin and turn clockwise.

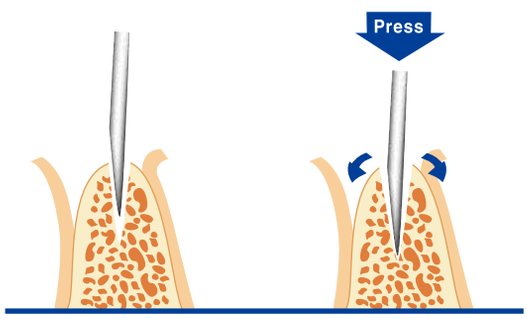
❸ Turn the pins one by one slowly and expand the ridge evenly. (Wrench adapter with Wrench is usable instead of Speading adapter.)

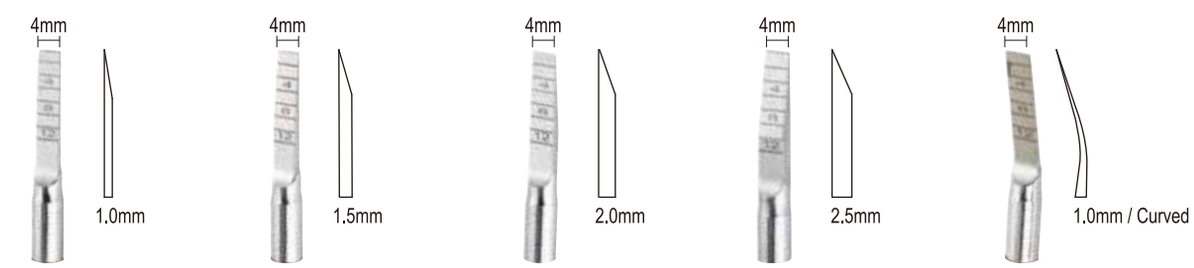
❹ After the expansion, remove Spreading pins and place fixtures on the site. (Exchange each pin and fixture separately, not remove all pins at the same time.)
Fill graft bone material around placed fixtures.

Bone Expansion & Collection

RIDGE SPLIT SET SD-RS

Used to open up narrow bone ridge.
Five types and sizes for various cases.





OCHENBEIN CHISEL

・Used for shaping and removing bone.

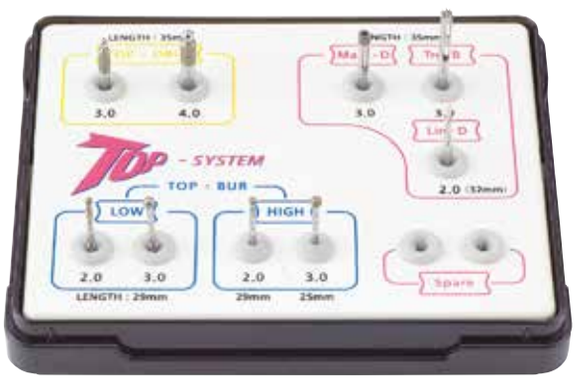
Safe Drilling & Trimming

TOP SYSTEM SD-TOP

Scan the QR code to get more information of the item on this page.

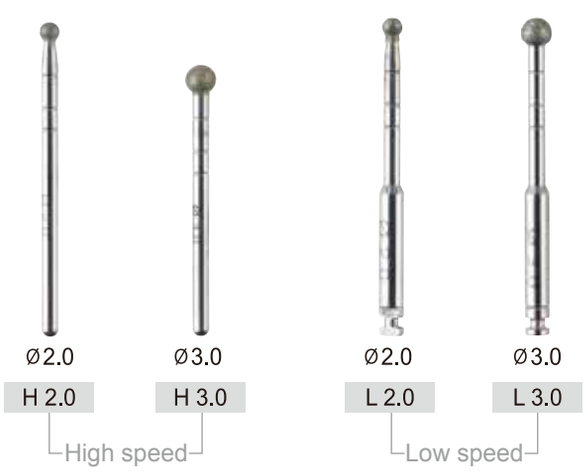
Effective use for various cases in implant placement right after extraction.

Easy to secure implantation site after extraction and fast surgery.



TOP-Bur

- Burs to remove inflammation or soft tissue after extraction. (It makes fast removal without bouncing of osseous tissue.)

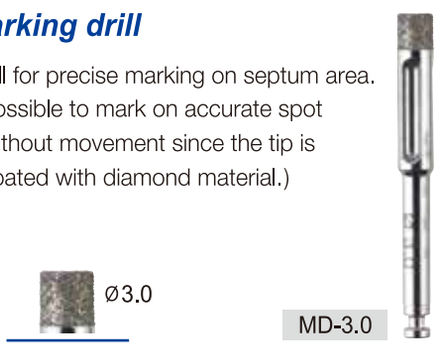


TOP-Drill

- Burs to expand bone along initial hole

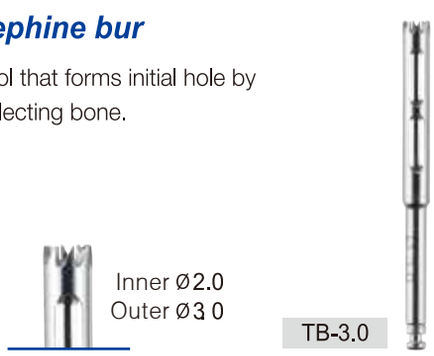
Marking drill

- Drill for precise marking on septum area. (Possible to mark on accurate spot without movement since the tip is coated with diamond material.)



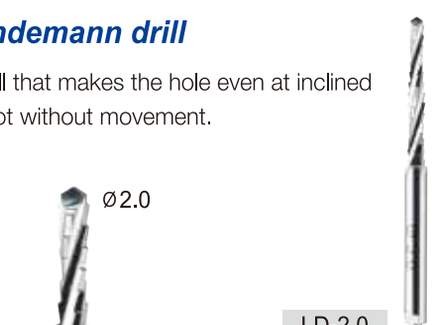
Trephine bur

- Tool that forms initial hole by collecting bone.



Lindemann drill

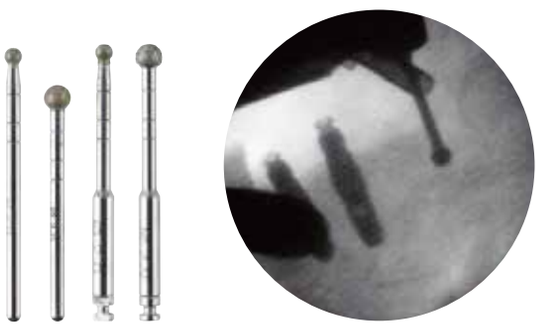
- Drill that makes the hole even at inclined spot without movement.



Safe Drilling & Trimming

TOP-SYSTEM : Surgery case

At extraction of molars or existence of septum



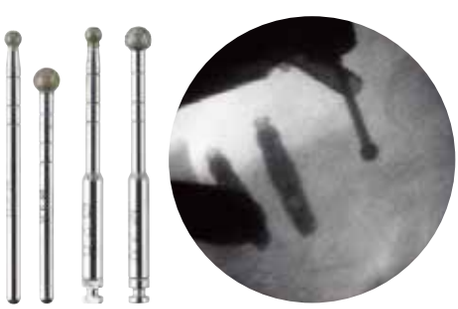
1 Remove granulation tissue and soft tissue using Top bur.

2 Mark on the septum accurately using Marking drill.

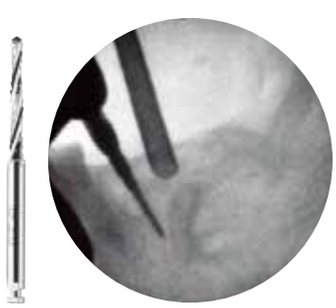
3 Make initial hole using Trephine bur on the spot marked.

4 Expand the initial hole using Top drill(3.0 and 4.0)and place the implant after final drilling.

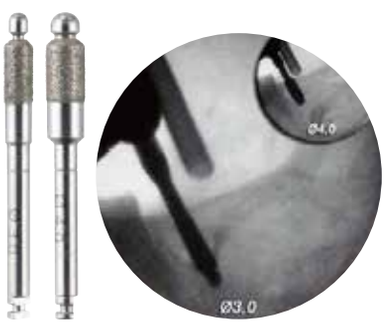
Cases with no septum or extraction of incisors



1 Remove granulation tissue and soft tissue using Top bur.



2 Make initial hole using Lindemann drill.



3 Expand the initial hole using Top drill(3.0 and 4.0)and place the implant after final drilling.

Safe Drilling & Trimming

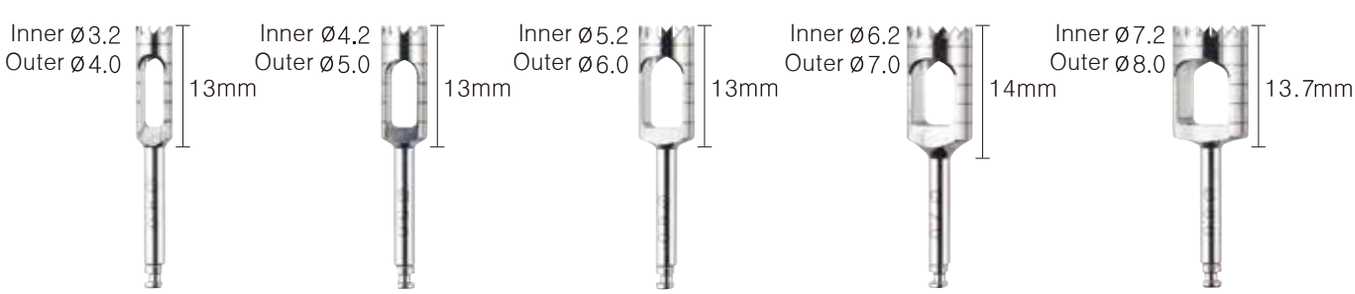
TRIMMER KIT SD-TR

Convenient storage.
Various components.
Prevention of loss.

Tissue punch

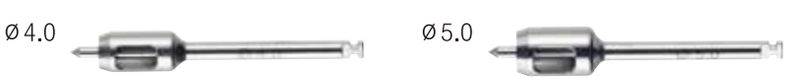
SDTIS-30 | SDTIS-35 | SDTIS-40 | SDTIS-45 | SDTIS-50

Trephine bur



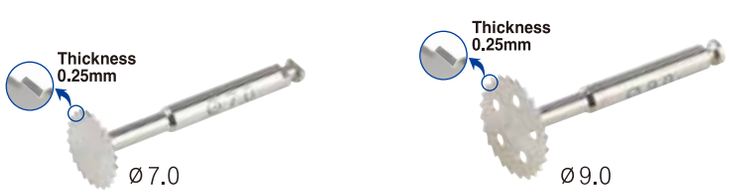
SDTRB-04 | SDTRB-05 | SDTRB-06 | SDTRB-07 | SDTRB-08

Guide punch



SDGTS-40 | SDGTS-50

Saw disk



SDSAW-07 | SDSAW-09

IMPLANT POSITIONING KIT SD-IPO

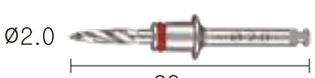
Possible to place implant inducing without guide stent.

Predictable of the site and size of crown engaged finally in a process of implant surgery.

Separated drill and guide to engage each needed.

Positioning drill

• Engaged with guide to drill on the site for dental implantation.



P-DR20

Positioning guide

• Guide tools to induce implant to be placed on the proper site.

PG-060 | PG-075 | PG-090 | PG-105 | PG-120

* When connected

Guide pin

• In surgery of multiple implants, it is used to make the surgical site or path for Implant fixtures accurately and to check the size or shape of crown.

GP-060 | GP-075 | GP-090 | GP-105 | GP-120

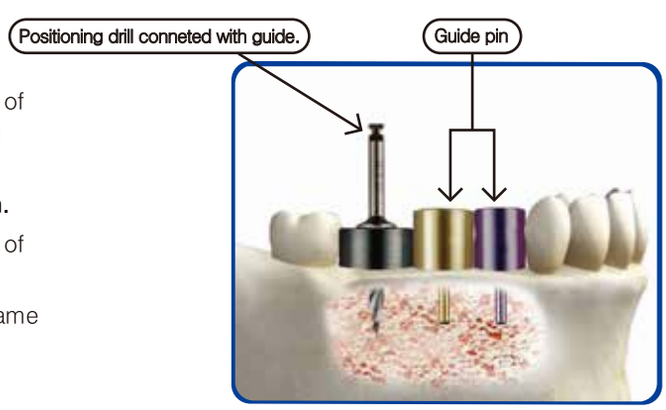
How to use

① Select the Positioning guide that matches dimension of the missing tooth and drill on the site connecting with Positioning drill to make an orifice.

② Replace Positioning drill with the same size Guide pin.

③ Select the Positioning guide that matches dimension of the second missing tooth.

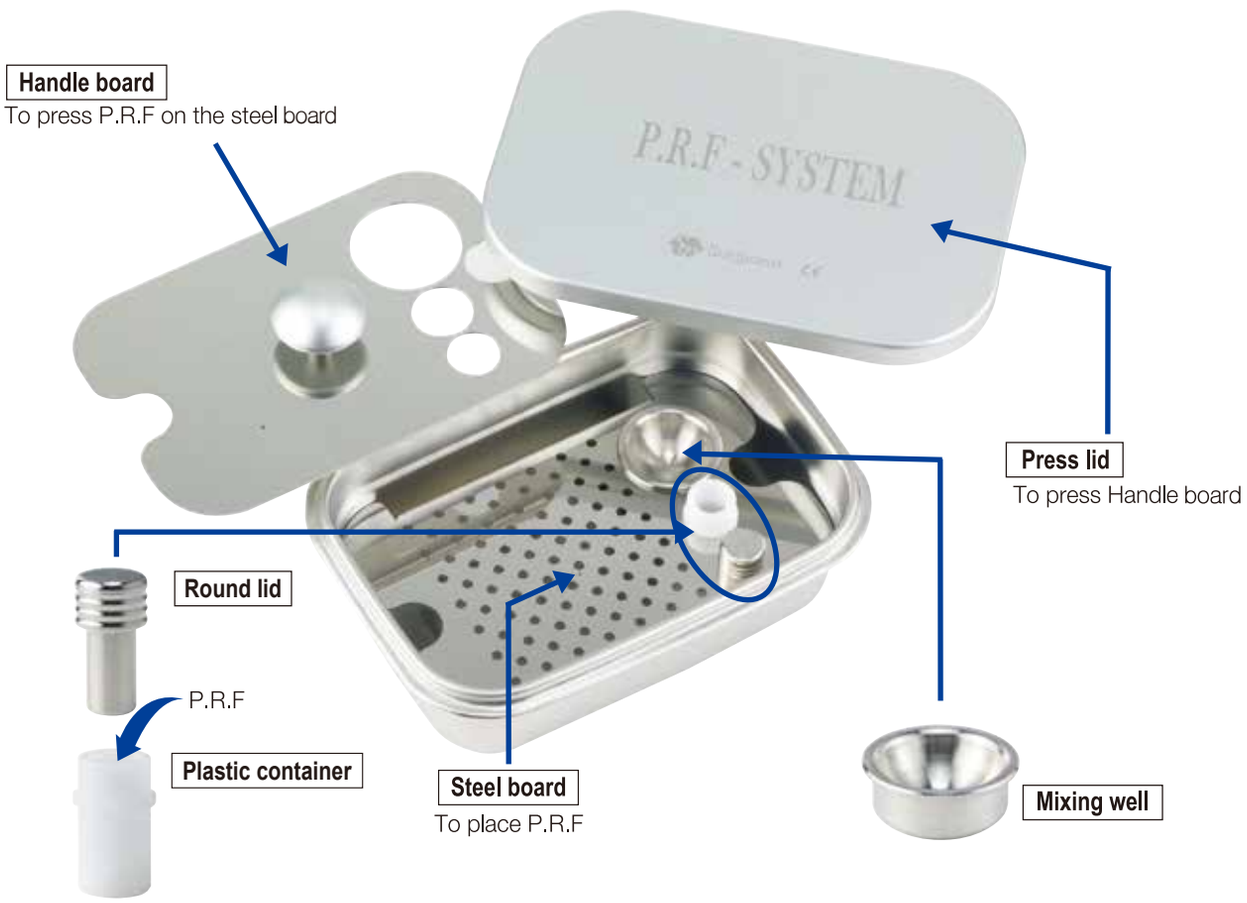
Process of surgical operation from the next step is same as ① to ②.



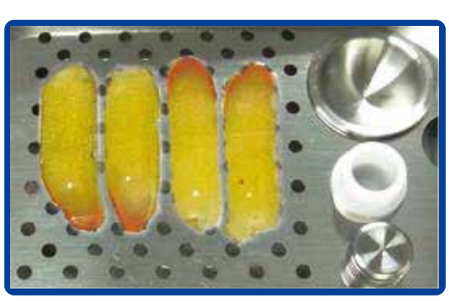
P.R.F SYSTEM SD-PRF

: Platelet Rich Fibrin

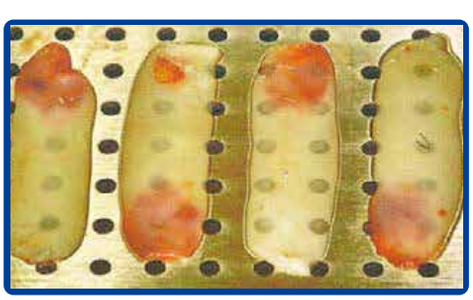
Multiple P.R.F completed in centrifuge can be made simultaneously, which reduces operation time to use desired shape of P.R.F.



1. Place multiple P.R.F on the Steel board.
2. Place the Handle board on Steel board and then cover with Press lid.



Clots in the PRF-System



PRF membranes

PRF membrane

Bone Grafting Relative

BONE MILL SD-BM

Scan the QR code to get more information of the item on this page.

Minimizing bone loss in milling.
Securing 0.1mm bone grinding space.(Stainless powder zero)

How to assemble and mill

・After assembling in order, put the bone and turn handle pressing and inserting it into the body part.
(Do not put excessive amount of bone chip for easy mill.)

・Handle

・Body

User manual for harvest milled bone particles

Separate ❷ from assembled the body and use bone chip accumulated on ❶.

Bone pusher

・To push remaining bone at crush sheet after milling.

Others

SD-REAMER SET SD-CA

Specially designed reamer.

Composed of SD-Reamer which is one of the popular components with stopper set.

Reducing prices set for the customer who wants SD-Reamers.

STOP DRILL KIT SD-SD

Composed of three sizes of drills and stopper set.

Recommended for sinus approach.

IPD KIT SD-IPD

: IMPLANT PROSTHETIC DRIVER KIT

Various types and sizes of drivers.

Easy to use.

	Type
Ø1.2	Osstem / DIO / 3i / Xive
Ø1.25	Dentium / Astra / Zimmer
Ø1.3	Platon
B/M	Branemark
S/M	Straumann

Others

SD-Reamer

Ø2.3 
SD-RM23

Ø2.8 
SD-RM28

Ø3.3 
SD-RM33

Ø3.7 
SD-RM37

Stopper

3mm	4mm	5mm	6mm	7mm
ST-03	ST-04	ST-05	ST-06	ST-07

8mm	9mm	10mm	11mm	12mm
ST-08	ST-09	ST-10	ST-11	ST-12

Stop drill

Ø2.0 
SD-2.0

Ø2.5 
SD-2.5

Ø3.3 
SD-3.3

Ø4.0 
SD-4.0

Ø4.8 
SD-4.8

Stopper

2mm	3mm	4mm	5mm	6mm	7mm	8mm
SST-02	SST-03	SST-04	SST-05	SST-06	SST-07	SST-08

9mm	10mm	11mm	12mm	13mm	14mm
SST-09	SST-10	SST-11	SST-12	SST-13	SST-14

Abutment screw driver (Long type: 30mm / Short type: 23.5mm)

Ø1.2 
S-1.2 L-1.2

Ø1.25 
S-1.25 L-1.25

Ø1.3 
S-1.3 L-1.3

Ø1.7 
S-B/M L-B/M

Ø1.7 
S-S/M L-S/M

Turning handle


TH-01

Wrench condenser


R.C CON

Basic Implant Surgical Kit

BASIC KIT : Implant surgery package SD-BK

PES-364 Prichard

MH-367 Straight

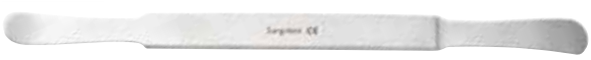
PES-362 Molt9

MH-366 Scalpel holder

PES-24G P24G

MIR-SET Dental mirror

PES-365 Seldin



MT-414 Mallet 16cm

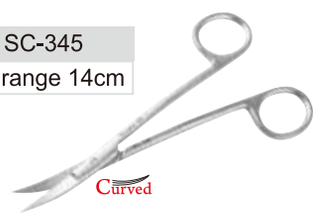
CO 3 Ochenbein chisel

SCT-424 Surgical curette

GR-392 Gracey curette 13-14

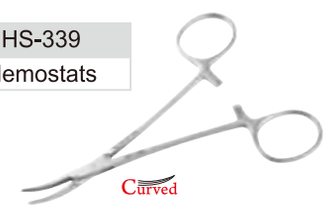
SCT-421 Surgical curette

SC-345
Lagrange 14cm



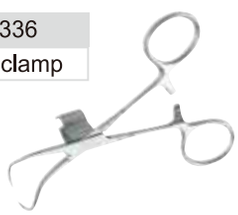
SC-342
Iris T/C 11cm

HS-339
Hemostats



BR-377
Bone rongeur 14cm

TC-336
Towel clamp



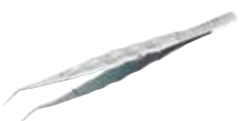
ND-358
Needle holder T/C 15cm

TF-372
Adson 12cm(Saw type)

RC-409
Minnesota retractor

POUCH-01
Green pouch

TF-370-4
Wide pincette



BW-428
Bone well

GAG-416
Castro caliper

SUC-02S
B-type set