

Designed to Smile

BONE LEVEL SB-II / III

CATALOG

ANKER DENTAL IMPLANT



Embrace Your Confident Smile and Invigorating Life



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O-ring Abutment



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Care and Maintenance of Surgical Instruments

Caution! Drills must be sterilized before use!

1. Do not use cleaning solution or disinfectant containing chloride or acid
2. Avoid solutions with Aldehyde due to its ability to retain proteins
3. Use nylon-material brushes only to brush and clean drills and instruments
4. Use immense amount of fresh water to wash out residues on the drills and equipment after thorough cleaning
5. Use clean wiping material to thoroughly clean and dry the drills and other equipment to avoid possible corrosion from moisture
6. Wrap the drills and equipment with clean surgical towels
7. Do not mix drills or equipment with different materials in the same sterilizer or autoclave chambers
8. Place the wrapped drills and equipments in the sterilizing chamber with sterilizing temperature no lower than 132°C
(please refer to sterilizing chamber manual for details)
9. Rinse and dry the drills and equipments immediately after sterilization. Please be diligent with the equipments during the drying process
10. Store the sterilized drills and equipments in a clean and dry area

Lifetime Warranty

In case of failure of implantation, Alliance will offer replacement with the submission of treatment documentations, including surgery radiographs before and after the treatment, and the failed fixture within 6 months from the time incident is reported. Alliance may request additional information to help investigate the root cause of the failure.

Please contact us for further details.

Milestone

2008	03	Alliance Global Technology Co. Ltd. founded in Kaohsiung Science Park, Taiwan
	07	Signed technical collaboration agreement with Taipei Medical University
2009	03	Designed and Developed dental implants, abutments, bone nail and bone plate products
2010	02	Obtained ISO 13485, ISO9001, CE, Taiwan-GMP
2011	01	Collaboration with Dr. Jian-Tang Zhou ; Acquisition of patents for Tony Cap in Taiwan, Japan and China
	03	Obtained Taiwan FDA for Anker Bone Level Series implants
	03	Obtained SLA-Cap Surface Treatment Patent (Dual treated with phosphate and calcium)
2012	04	Obtained Taiwan FDA for Anker Tissue Level & Mini Series Implants
	10	Launched Dental Implantology Training Center in the Philippines
2013	12	Obtained USFDA-510K for U.S Market
2014	12	Obtained China FDA For Anker Bone Level Series Implant
2016	10	Clinical Trial collaboration with Kaohsiung Medical University
2017	02	Established U.S Branch in Los Angeles
	06	Established Anker In-house 3D Digital Dental Lab Center
	08	Obtained China FDA for Anker Tissue Level Series Implants
	12	Obtained Taiwan FDA for Ti-Mesh
2018	03	Obtained Taiwan FDA Anker Orthodontic Screw System
	10	Taiwan Excellence Award Winner for Anker Ti-Mesh
2019	04	Obtained India FDA for Anker Bone Level Series Implant
	07	Obtained Taiwan FDA for Anker Screw-Retain All-on-X Series
2020	03	Obtained Indonesia FDA for Anker Bone Level Series Implant
	10	Obtain Thailand FDA for Anker Bone Level Series Implant
2022	02	Obtained Myanmar FDA for Anker Bone Level Series Implant

Surface Treatment

Anker Dental Implant Surface Treatment : S.L.A / SLA-CaP

1. Anker Dental Implants uses the S.L.A (Sandblasted, Large Grit, Acid etched) surface treatment process, which is clinical proven and has a long solid track record of success. We have additionally developed our own patented SLA-CaP (Calcium Phosphate) surface treatment process to further improve osseointegration and increases primary stability, which is evident in our clinical data. This is especially advantageous for patients with certain medical conditions which requires a speedier recovery process during implant placement treatments. From SEM observations shown on Figure 1, we can see that our surface treatments has a more uniform distribution which is crucial for osseointegration and better BIC (Bone-Implant-Contact) results.

2. Fixtures are sent to multi-step ultrasonic cleaning with high purity water (Reverse Osmosis). Once the surface is completely cleaned, it is ready to be pack in our Class 10000 clean room. The packed implant will be sent to γ -rays sterilization, and further cell biocompatibility test in our own microbiology lab is conducted to verify the sterilization process is thorough and complete.

3. In-house verification and testing procedures are a critical part of our manufacturing process to ensure stability and safety of our product. We carried out some of the most rigorous testing procedures in the industry with our in-house labs before the products reaches to the market, so no matter if you are a practitioner or a patient of our product, you can rest assure you are in good hands.

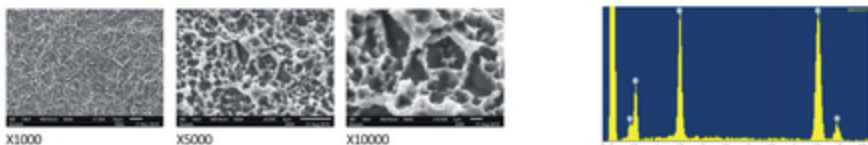


Figure 1. Surface Treatment of Anker Dental Implants with individual magnifications



SEM-EDS(Jeol Japan) (3x10⁷ times)



Ultrasonic Cleaning

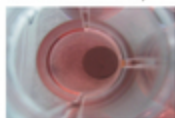


Exterior Viewing



Sandblasting

Cell Attachment Study



Hydrophilicity Testing



Ultrasonic Cleaning
(Class 10000 Clean Room)

Features

Anodization

- Abutments are treated with a golden TiO₂ layer for better aesthetics and biocompatibility with the soft tissue.
- The interface prevents self-rotation during restoration.

Platform Switching

- Allows soft and hard tissue growth and reducing bone loss at osseointegrative surfaces and therefore helps prevent crestal bone loss.
- Smooth Anti-bacterial platform.

Micro Thread

- Four threads with pitch of 0.45mm (as compared to the more commonly used 0.25mm pitch), leading to less pressure and better blood circulation.
- Micro threads increase the surface area in contact with cortical bone, increasing initial stability.

Double Thread

- Based on the ACME 35° engineering standard, Anker's thread design improves BIC, torsion, and bearing.
- Faster implantation; each rotation deepens the implant 1.8mm.
- Tapered Thread designed to compact crestal bone and redistribute occlusal forces, relieving excessive centralized pressure.

Internal 11° Morse Taper

- 11° Morse Taper is self-locking and secures the connection between fixture and abutment.
- Prevention of micro-leakage and bacteria intrusion and growth.

Internal Hexagonal Connection

- Anti-rotational, secure connection between abutment and implant.

Surface Treatment

- SLA (unique sandblasting and high-grade semiconductor acid etching) increases surface roughness, amplifying BIC (Bone-Implant Contact).

Apex Design

- Blunt design prevents any direct damages to the sinus and nerves.

Internal 11° Morse Taper

- 11° Morse Taper is self-locking and secures the connection between fixture and abutment.
- Prevention of micro leakage and bacteria intrusion and growth.

Internal Hexagonal Connection

- Anti-rotational, secure connection between abutment and implant.

Surface Treatment

- SLA (unique sandblasted and high-grit semiconductor acid etching) increases surface roughness, amplifying BIC (Bone-Implant Contact).

Apex Design

- Tri-edged, self-drilling and self-tapping apical design reduces risk of damage to the bone, allows angle correction, and prevents reverse rotation while placing/removing abutments/cover screws.
- Lowers the coefficient of friction with the bone, reducing the possibility of osteonecrosis.
- Blunt apical design minimizes risk to the sinus floor or inferior alveolar nerve.

Reverse Taper

- Neck fixture treated with acid to load more bone quality to generate more platform switch to maintain the conditions of soft tissue and prevent long-term bone loss.

Micro Thread

- Four lead thread design with gap of 0.45mm and depth of 0.25mm which help relieve concentration of cortical and sponge bone to have better BIC (Bone-Implant Contact) stability.

Macro Thread

- Square-shape thread with gap of 0.9mm and depth of 0.6mm help undertakes insertion and loading of fixture.

Cutting Groove

- Tri-edge self-tapping design preventing bone necrosis and distorted insertion of fixture.



SB-II



SB-III

Fixture

Grade 4 pure titanium with cryogenic treatment for better biocompatibility and osseointegration.

Abutment

Grade 5 titanium alloy for better balance of biocompatibility and strength.

Fixture Package



- 1 Reference number
- 2 Dimensions of Product
- 3 UDI
- 4 Data Matrix
- 5 Date of sterilization
- 6 Expiration date
- 7 Batch number
- 8 Serial number
- 9 Caution
- 10 Liaison
- 11 Sterilization using irradiation sticker



The package includes a user instruction manual and 4 information stickers for documentation



Fixture Removal



To remove the fixture with
No Mount Driver



Color Coding

A specific color is assigned to each diameter of the Anker System



Final Drill Size	
Ø2.4	For Ø3.0 Fixture
Ø2.8	For Ø3.5 Fixture
Ø3.3	For Ø4.0 Fixture
Ø3.8	For Ø4.5 Fixture
Ø4.3	For Ø5.0 Fixture

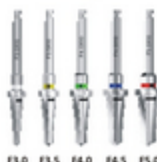
Stopper	
Yellow	For Both Ø2.4 / Ø2.8 / Ø3.3 Drills
Red	For Both Ø3.8 / Ø4.3 Drills

Clear and simple color coding for user guidance

Mini Surgical Kit



Taper Surgical Kit



Taper Drill

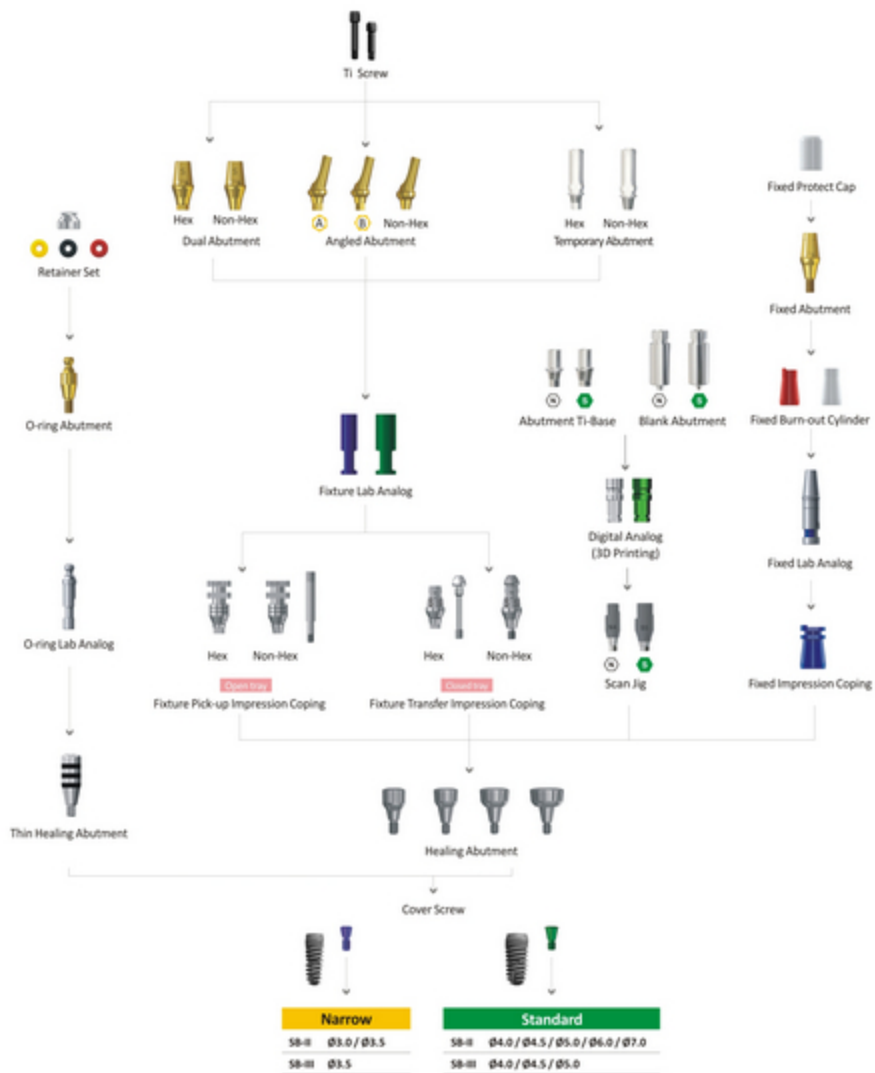


Twist Drill / Stopper

Implantation Cautions

1. Drill to the appropriate depth using high speed between 800~1200 rpm.
2. In case of strong resistance while inserting the implant into the osteotomy at any point, reverse the implant counter-clockwise approximately 2-3 turns to enable the self-tapping capacity of the implant, then continue to insert the implant.
3. Exceeding the maximum insertion torque of 35Ncm using the No Mount Piece Driver should be avoided. Doing so can cause deformation on the connection and may result in over compression of the bone. Manual insertion using fixture driver and wrench is recommended if more torque is required.
4. In dense bone (D1 or D2), one may need to widen the implant site with the next diameter to half of the final depth, according to the drill protocol.
5. In case of D4 Bone, it may be better to drill only halfway with the final diameter drill or not use the final diameter drill at all, to achieve sufficient primary stability.
6. The system is designed to be mount-free. Pick up the implant from the vial by using the No Mount Piece Driver. If there is any hindrance during picking up, please inspect whether the O-ring is broken or deteriorated. If so, please immediately report to us, and we will have a replacement for you subsequently.
7. Please rotate the cover screw counter-clockwise before tightening clockwise into the fixture by using the Hex Driver to be sure it engages correctly.
8. The system is separated into Narrow (Ø3.5) and Standard (Ø4.0, Ø4.5, Ø5.0) type connections. No Mount Piece Drivers and Fixture Drivers have a Yellow stripe for Narrow Connections or a Green stripe for Standard Connections. Please confirm the correct colored Driver is utilized when placing the implant.

SB Series Flowchart

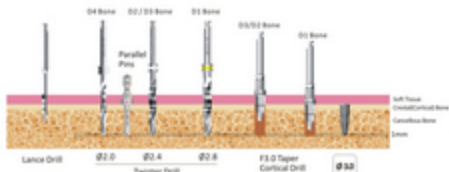


SB Mini Kit Drilling Sequence



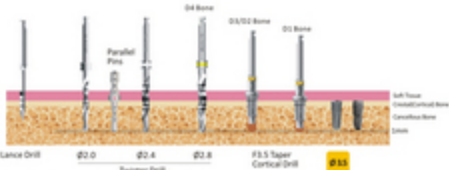
Fixture 3.0x10mm

- D4 Bone** Lance Drill → Ø2.0mm Twister Drill → Parallel Pins
- D3/D2 Bone** Lance Drill → Ø2.0mm Twister Drill → Parallel Pins → Ø2.4 Twister Drill → 2.8 Twister Drill → F3.0 Taper Cortical Drill (Under the black thin laser line)
- D1 Bone** Lance Drill → Ø2.0mm Twister Drill → Parallel Pins → Ø2.4 Twister Drill → 2.8 Twister Drill → F3.0 Taper Cortical Drill (Under black thick laser line (Stopper))



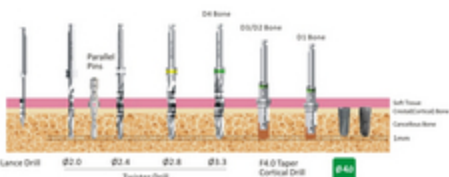
Fixture 3.5x10mm

- D4 Bone** Lance Drill → Ø2.0mm Twister Drill → Parallel Pins → Ø2.4 Twister Drill → 2.8 Twister Drill (Drilling to half depth)
- D3/D2 Bone** Lance Drill → Ø2.0mm Twister Drill → Parallel Pins → Ø2.4 Twister Drill → 2.8 Twister Drill → F3.5 Taper Cortical Drill (Under the black thin laser line)
- D1 Bone** Lance Drill → Ø2.0mm Twister Drill → Parallel Pins → Ø2.4 Twister Drill → 2.8 Twister Drill → F3.5 Taper Cortical Drill (Under black thick laser line (Stopper))



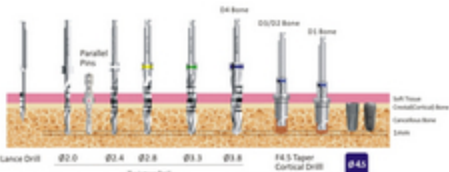
Fixture 4.0x10mm

- D4 Bone** Lance Drill → Ø2.0mm Twister Drill → Parallel Pins → Ø2.4 Twister Drill → 2.8 Twister Drill → Ø3.3 Twister Drill (Drilling to half depth)
- D3/D2 Bone** Lance Drill → Ø2.0mm Twister Drill → Parallel Pins → Ø2.4 Twister Drill → 2.8 Twister Drill → Ø3.3 Twister Drill → F4.0 Taper Cortical Drill (Under the black thin laser line)
- D1 Bone** Lance Drill → Ø2.0mm Twister Drill → Parallel Pins → Ø2.4 Twister Drill → 2.8 Twister Drill → Ø3.3 Twister Drill → F4.0 Taper Cortical Drill (Under black thick laser line (Stopper))



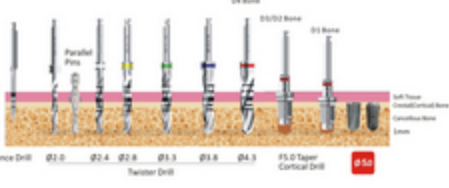
Fixture 4.5x10mm

- D4 Bone** Lance Drill → Ø2.0mm Twister Drill → Parallel Pins → Ø2.4 Twister Drill → 2.8 Twister Drill → Ø3.3 Twister Drill → Ø3.8 Twister Drill (Drilling to half depth)
- D3/D2 Bone** Lance Drill → Ø2.0mm Twister Drill → Parallel Pins → Ø2.4 Twister Drill → 2.8 Twister Drill → Ø3.3 Twister Drill → Ø3.8 Twister Drill → F4.5 Taper Cortical Drill (Under the black thin laser line)
- D1 Bone** Lance Drill → Ø2.0mm Twister Drill → Parallel Pins → Ø2.4 Twister Drill → 2.8 Twister Drill → Ø3.3 Twister Drill → Ø3.8 Twister Drill → F4.5 Taper Cortical Drill (Under black thick laser line (Stopper))



Fixture 5.0x10mm

- D4 Bone** Lance Drill → Ø2.0mm Twister Drill → Parallel Pins → Ø2.4 Twister Drill → 2.8 Twister Drill → Ø3.3 Twister Drill → Ø3.8 Twister Drill → Ø4.3 Twister Drill (Drilling to half depth)
- D3/D2 Bone** Lance Drill → Ø2.0mm Twister Drill → Parallel Pins → Ø2.4 Twister Drill → 2.8 Twister Drill → Ø3.3 Twister Drill → Ø3.8 Twister Drill → Ø4.3 Twister Drill → F5.0 Taper Cortical Drill (Under the black thin laser line)
- D1 Bone** Lance Drill → Ø2.0mm Twister Drill → Parallel Pins → Ø2.4 Twister Drill → 2.8 Twister Drill → Ø3.3 Twister Drill → Ø3.8 Twister Drill → Ø4.3 Twister Drill → F5.0 Taper Cortical Drill (Under black thick laser line (Stopper))



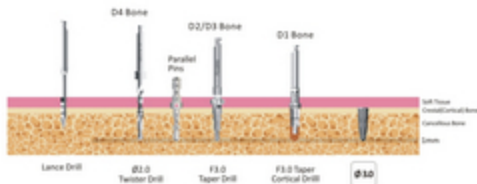
The above surgical sequences are recommended for conventional two-stage implantation. For flapless, immediate placement, immediate loading, or other surgical procedures, please modify the procedures upon your clinical judgment.

SB Taper Kit Drilling Sequence



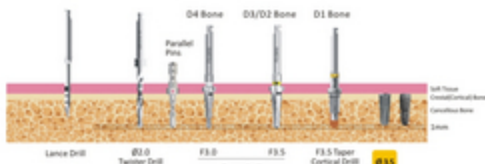
Fixture 3.0x10mm

- D4 Bone** Lance Drill → Ø2.0mm Twist Drill → Parallel Pins
- D3/D2 Bone** Lance Drill → Ø2.0mm Twist Drill → Parallel Pins → F3.0 Taper Drill
- D1 Bone** Lance Drill → Ø2.0mm Twist Drill → Parallel Pins → F3.0 Taper Drill → F3.0 Taper Cortical Drill



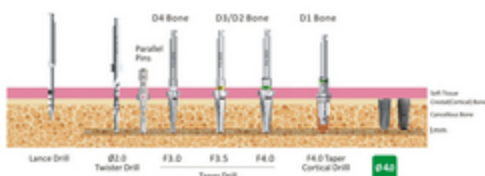
Fixture 3.5x10mm

- D4 Bone** Lance Drill → Ø2.0mm Twist Drill → Parallel Pins → F3.0 Taper Drill
- D3/D2 Bone** Lance Drill → Ø2.0mm Twist Drill → Parallel Pins → F3.0 Taper Drill → F3.5 Taper Drill
- D1 Bone** Lance Drill → Ø2.0mm Twist Drill → Parallel Pins → F3.0 Taper Drill → F3.5 Taper Drill → F3.5 Taper Cortical Drill



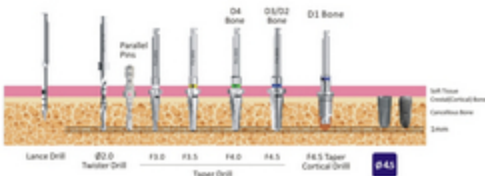
Fixture 4.0x10mm

- D4 Bone** Lance Drill → Ø2.0mm Twist Drill → Parallel Pins → F3.0 Taper Drill → F3.5 Taper Drill
- D3/D2 Bone** Lance Drill → Ø2.0mm Twist Drill → Parallel Pins → F3.0 Taper Drill → F3.5 Taper Drill → F4.0 Taper Drill
- D1 Bone** Lance Drill → Ø2.0mm Twist Drill → Parallel Pins → F3.0 Taper Drill → F3.5 Taper Drill → F4.0 Taper Drill → F4.0 Taper Cortical Drill



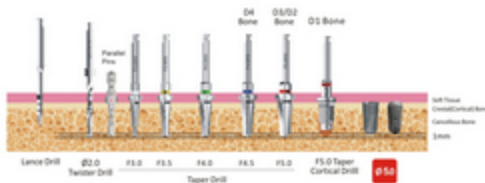
Fixture 4.5x10mm

- D4 Bone** Lance Drill → Ø2.0mm Twist Drill → Parallel Pins → F3.0 Taper Drill → F3.5 Taper Drill → F4.0 Taper Drill
- D3/D2 Bone** Lance Drill → Ø2.0mm Twist Drill → Parallel Pins → F3.0 Taper Drill → F3.5 Taper Drill → F4.0 Taper Drill → F4.5 Taper Drill
- D1 Bone** Lance Drill → Ø2.0mm Twist Drill → Parallel Pins → F3.0 Taper Drill → F3.5 Taper Drill → F4.0 Taper Drill → F4.5 Taper Drill → F4.5 Taper Cortical Drill



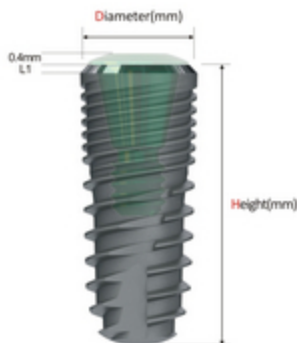
Fixture 5.0x10mm

- D4 Bone** Lance Drill → Ø2.0mm Twist Drill → Parallel Pins → F3.0 Taper Drill → F3.5 Taper Drill → F4.0 Taper Drill → F4.5 Taper Drill
- D3/D2 Bone** Lance Drill → Ø2.0mm Twist Drill → Parallel Pins → F3.0 Taper Drill → F3.5 Taper Drill → F4.0 Taper Drill → F4.5 Taper Drill → F5.0 Taper Drill
- D1 Bone** Lance Drill → Ø2.0mm Twist Drill → Parallel Pins → F3.0 Taper Drill → F3.5 Taper Drill → F4.0 Taper Drill → F4.5 Taper Drill → F5.0 Taper Drill → F5.0 Taper Cortical Drill



The above surgical sequences are recommended for conventional two-stage implantation. For flapless, immediate placement, immediate loading, or other surgical procedures, please modify the procedures upon your clinical judgment.

Fixture SBII



Fixture Specification (unit:mm)

Diameter	ø3.0	ø3.5	ø4.0	ø4.5	ø5.0
Inter Hex	2.1	2.1	2.5	2.5	2.5
Neck Diameter	3.3	3.7	4.2	4.6	5.1
Bottom Diameter	2.2	2.5	2.8	3.1	3.7
L1	0.3	0.3	0.3	0.3	0.3

Narrow

D	H	REF No.
3.0	7.0	SBN 3007
3.0	8.5	SBN 3008
3.0	10.0	SBN 3010
3.0	11.5	SBN 3011
3.0	13.0	SBN 3013
3.0	15.0	SBN 3015

D	H	REF No.
3.5	8.5	SBN 3508
3.5	10.0	SBN 3510
3.5	11.5	SBN 3511
3.5	13.0	SBN 3513
3.5	15.0	SBN 3515

Standard

D	H	REF No.
4.0	7.0	SBS 4007
4.0	8.5	SBS 4008
4.0	10.0	SBS 4010
4.0	11.5	SBS 4011
4.0	13.0	SBS 4013
4.0	15.0	SBS 4015

D	H	REF No.
4.5	7.0	SBS 4507
4.5	8.5	SBS 4508
4.5	10.0	SBS 4510
4.5	11.5	SBS 4511
4.5	13.0	SBS 4513
4.5	15.0	SBS 4515

D	H	REF No.
5.0	7.0	SBS 5007
5.0	8.5	SBS 5008
5.0	10.0	SBS 5010
5.0	11.5	SBS 5011
5.0	13.0	SBS 5013
5.0	15.0	SBS 5015

Cover Screw



Type	Narrow	Standard
REF No.	SBCS35(I)	SBCS40

- ① Cover Screw and Fixture are within the same val
- ② ø3.0 / ø3.5 Fixture: Purple
- ③ ø4.0, ø4.5, ø5.0 Fixture: Green
- ④ Use a 1.2 Hand/Torque driver
- ⑤ Recommended installation: 10 Ncm

Fixture SBIII



Fixture Specification (unit:mm)

Diameter	ø3.5	ø4.0	ø4.5	ø5.0
Inter Hex	2.1	2.5	2.5	2.5
Neck Diameter	3.4	3.9	3.9	3.9
Bottom Diameter	2.5	2.8	3.1	3.7

Narrow

D	H	REF No.
3.5	8.5	SBN 3S08N
3.5	10.0	SBN 3S10N
3.5	11.5	SBN 3S11N
3.5	13.0	SBN 3S13N
3.5	15.0	SBN 3S15N

Standard

D	H	REF No.
4.0	7.0	SBS 4007N
4.0	8.5	SBS 4008N
4.0	10.0	SBS 4010N
4.0	11.5	SBS 4011N
4.0	13.0	SBS 4013N
4.0	15.0	SBS 4015N

D	H	REF No.
4.5	7.0	SBS 4507N
4.5	8.5	SBS 4508N
4.5	10.0	SBS 4510N
4.5	11.5	SBS 4511N
4.5	13.0	SBS 4513N
4.5	15.0	SBS 4515N

D	H	REF No.
5.0	7.0	SBS 5007N
5.0	8.5	SBS 5008N
5.0	10.0	SBS 5010N
5.0	11.5	SBS 5011N
5.0	13.0	SBS 5013N
5.0	15.0	SBS 5015N

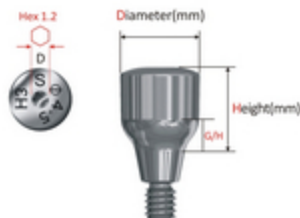
Cover Screw



Type	Narrow	Standard
REF No.	SBCS3S(I)	SBCS40

- ① Cover Screw and Fixture are within the same viral
- ② ø3.0 / ø3.5 Fixture: Purple
- ③ ø4.0, ø4.5, ø5.0 fixture: Green
- ④ Use a 1.2 Hand/Torque driver
- ⑤ Recommended installation: 10 Ncm

Healing Abutment



- ⊙ Used for gingival forming
- ⊙ Use a 1.2 Hand / Torque Hex Driver
- ⊙ Recommended installation: 10Ncm
- ⊙ Completely sterilized, with irradiation indication stickers

Narrow For $\phi 3.0 / \phi 3.5$ Fixtures

D	H	G/H	REF. No.
4.5	3.0	1.0	SBHAN 453(I)
4.5	5.0	2.0	SBHAN 455(I)
4.5	7.0	3.0	SBHAN 457(I)
5.5	3.0	1.0	SBHAN 553(I)
5.5	6.0	3.0	SBHAN 556(I)

Standard For $\phi 4.0 / \phi 4.5 / \phi 5.0$ Fixtures

D	H	G/H	REF. No.
4.5	3.0	1.0	SBHAS 453
4.5	5.0	2.0	SBHAS 455
4.5	7.0	3.0	SBHAS 457

D	H	G/H	REF. No.
6.5	3.0	1.0	SBHAS 653
6.5	5.0	2.0	SBHAS 655
6.5	7.0	3.0	SBHAS 657

D	H	G/H	REF. No.
5.5	3.0	1.0	SBHAS 553
5.5	5.0	2.0	SBHAS 555
5.5	7.0	3.0	SBHAS 557

D	H	G/H	REF. No.
7.5	3.0	1.0	SBHAS 753
7.5	5.0	2.0	SBHAS 755
7.5	7.0	3.0	SBHAS 757



Thin Healing Abutment For Narrow



D	4.0	4.0	4.0
H(Narrow)	4.0	6.0	8.0
REF. No.	SBHAN404(I)	SBHAN406(I)	SBHAN408(I)

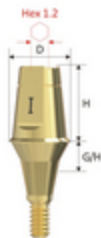
Thin Healing Abutment For Standard



D	4.0	4.0	4.0
H(Standard)	2.5	4.5	6.5
REF. No.	SBHA 404	SBHA 406	SBHA 408

Fixed Abutment

Narrow For $\phi 3.5$ Fixture



D	H	G/H	REF No.
4.0	4.0	1.0	SBFAN 4410(I)
4.0	4.0	2.0	SBFAN 4420(I)
4.0	4.0	3.0	SBFAN 4430(I)
4.0	4.0	4.0	SBFAN 4440(I)
4.0	5.5	1.0	SBFAN 4610(I)
4.0	5.5	2.0	SBFAN 4620(I)
4.0	5.5	3.0	SBFAN 4630(I)
4.0	5.5	4.0	SBFAN 4640(I)
4.0	7.0	1.0	SBFAN 4710(I)
4.0	7.0	2.0	SBFAN 4720(I)
4.0	7.0	3.0	SBFAN 4730(I)
4.0	7.0	4.0	SBFAN 4740(I)

D	H	G/H	REF No.
4.5	4.0	1.0	SBFAN 4411(I)
4.5	4.0	2.0	SBFAN 4421(I)
4.5	4.0	3.0	SBFAN 4431(I)
4.5	4.0	4.0	SBFAN 4441(I)
4.5	7.0	1.0	SBFAN 4711(I)
4.5	7.0	2.0	SBFAN 4721(I)
4.5	7.0	3.0	SBFAN 4731(I)
4.5	7.0	4.0	SBFAN 4741(I)
4.5	5.5	1.0	SBFAN 4611(I)
4.5	5.5	2.0	SBFAN 4621(I)
4.5	5.5	3.0	SBFAN 4631(I)
4.5	5.5	4.0	SBFAN 4641(I)

- ① Cement type prosthesis
- ② Transected interface itself prevents the rotation
- ③ $\phi 4.0$: Use the Fixed Piece / Torque Driver
- ④ $\phi 4.5$: Use a 1.2 Hex / Torque Driver
- ⑤ Recommended installation: 25Ncm
- ⑥ Package content: Abutment + Protect Cap
- ⑦ Completely sterilized, with irradiation indication stickers

Standard For $\phi 4.0/\phi 4.5/\phi 5.0$ Fixture



D	H	G/H	REF No.
4.0	4.0	1.0	SBFA 4410
4.0	4.0	2.0	SBFA 4420
4.0	4.0	3.0	SBFA 4430
4.0	4.0	4.0	SBFA 4440
4.0	5.5	1.0	SBFA 4610
4.0	5.5	2.0	SBFA 4620
4.0	5.5	3.0	SBFA 4630
4.0	5.5	4.0	SBFA 4640
4.0	7.0	1.0	SBFA 4710
4.0	7.0	2.0	SBFA 4720
4.0	7.0	3.0	SBFA 4730
4.0	7.0	4.0	SBFA 4740

D	H	G/H	REF No.
4.5	4.0	1.0	SBFA 4411
4.5	4.0	2.0	SBFA 4421
4.5	4.0	3.0	SBFA 4431
4.5	4.0	4.0	SBFA 4441
4.5	5.5	1.0	SBFA 4611
4.5	5.5	2.0	SBFA 4621
4.5	5.5	3.0	SBFA 4631
4.5	5.5	4.0	SBFA 4641
4.5	7.0	1.0	SBFA 4711
4.5	7.0	2.0	SBFA 4721
4.5	7.0	3.0	SBFA 4731
4.5	7.0	4.0	SBFA 4741

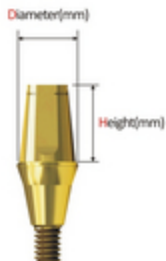


D	H	G/H	REF No.
5.0	4.0	1.0	SBFA 5410
5.0	4.0	2.0	SBFA 5420
5.0	4.0	3.0	SBFA 5430
5.0	4.0	4.0	SBFA 5440
5.0	5.5	1.0	SBFA 5610
5.0	5.5	2.0	SBFA 5620
5.0	5.5	3.0	SBFA 5630
5.0	5.5	4.0	SBFA 5640
5.0	7.0	1.0	SBFA 5710
5.0	7.0	2.0	SBFA 5720
5.0	7.0	3.0	SBFA 5730
5.0	7.0	4.0	SBFA 5740

D	H	G/H	REF No.
6.0	4.0	1.0	SBFA 6410
6.0	4.0	2.0	SBFA 6420
6.0	4.0	3.0	SBFA 6430
6.0	4.0	4.0	SBFA 6440
6.0	5.5	1.0	SBFA 6610
6.0	5.5	2.0	SBFA 6620
6.0	5.5	3.0	SBFA 6630
6.0	5.5	4.0	SBFA 6640
6.0	7.0	1.0	SBFA 6710
6.0	7.0	2.0	SBFA 6720
6.0	7.0	3.0	SBFA 6730
6.0	7.0	4.0	SBFA 6740

- ① Cement type prosthesis
- ② Transected interface itself prevents the rotation
- ③ $\phi 4.5/\phi 5.0/\phi 6.0$: Use a 1.2 Hex / Torque Hex Driver
- ④ Recommended installation: 30Ncm
- ⑤ Package content: Abutment + Protect Cap
- ⑥ Completely sterilized, with irradiation indication stickers

Fixed Protect Cap



- ① Used for protection of the Fixed Abutment
- ② Easy installation
- ③ H & D are inner dimensions to match the corresponding abutment dimensions
- ④ Material : Polypropylene (PP)

D	H	REF No.
4.0	4.0	SBFPC 440
4.0	5.5	SBFPC 460
4.0	7.0	SBFPC 470

D	H	REF No.
4.5	4.0	SBFPC 441
4.5	5.5	SBFPC 461
4.5	7.0	SBFPC 471

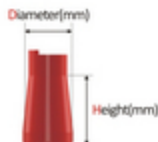
D	H	REF No.
5.0	4.0	SBFPC 540
5.0	5.5	SBFPC 560
5.0	7.0	SBFPC 570

D	H	REF No.
6.0	4.0	SBFPC 640
6.0	5.5	SBFPC 660
6.0	7.0	SBFPC 670

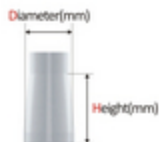
D	H	REF No.
7.0	5.5	SBFPC 760

Fixed Burn-out Cylinder

Single Type



Bridge Type



- ① Used for wax molding
- ② Color coding for different cases
- ③ Single Type: Red
- ④ Bridge Type: White
- ⑤ Material: POM

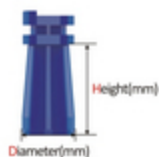
D	H	REF No.
4.0	7.0	SBFB 400S
4.5	7.0	SBFB 450S

D	H	REF No.
5.0	7.0	SBFB 500S
6.0	7.0	SBFB 600S
7.0	7.0	SBFB 700S

D	H	REF No.
4.0	7.0	SBFB 400B
4.5	7.0	SBFB 450B

D	H	REF No.
5.0	7.0	SBFB 500B
6.0	7.0	SBFB 600B
7.0	7.0	SBFB 700B

Fixed Impression Coping



- ① Used for taking an impression of Fixed Abutment
- ② Easy installation
- ③ H & D are inner dimensions to match the corresponding abutment dimensions
- ④ Material : PP

D	H	REF No.
4.0	9.0	SBFIC 470S
4.5	9.0	SBFIC 471S

D	H	REF No.
5.0	9.0	SBFIC 570S
6.0	9.0	SBFIC 670S
7.0	9.0	SBFIC 760S

Fixed Lab Analog

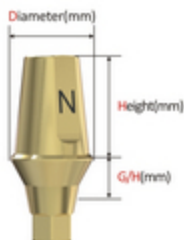


- ① Place into the cast for model fabrication
- ② Color coding for individual lengths:
4.0mm(Yellow), 5.5mm(Gray), 7.0mm(Blue)
- ③ Material :Ti6Al4V

D	H	Color	REF No.
4.0	4.0	Yellow	SBFLA 440
4.0	5.5	Gray	SBFLA 460
4.0	7.0	Blue	SBFLA 470
4.5	4.0	Yellow	SBFLA 441
4.5	5.5	Gray	SBFLA 461
4.5	7.0	Blue	SBFLA 471

D	H	Color	REF No.
5.0	4.0	Yellow	SBFLA 540
5.0	5.5	Gray	SBFLA 560
5.0	7.0	Blue	SBFLA 570
6.0	4.0	Yellow	SBFLA 640
6.0	5.5	Gray	SBFLA 660
6.0	7.0	Blue	SBFLA 670
7.0	5.5	Gray	SBFLA 760

Dual Abutment / Hex Type

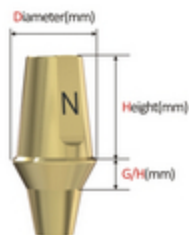


Narrow For $\varnothing 3.0 / \varnothing 3.5$ Fixture

D	H	G/H	REF No.
4.5	5.5	1.0	SBDN 4610(I)
4.5	5.5	2.0	SBDN 4620(I)
4.5	5.5	3.0	SBDN 4630(I)
4.5	5.5	4.0	SBDN 4640(I)
4.5	5.5	5.0	SBDN 4650(I)

D	H	G/H	REF No.
5.0	5.5	1.0	SBDN 5610(I)
5.0	5.5	2.0	SBDN 5620(I)
5.0	5.5	3.0	SBDN 5630(I)
5.0	5.5	4.0	SBDN 5640(I)

Dual Abutment / Non-Hex Type

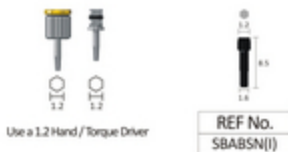


Narrow For $\varnothing 3.0 / \varnothing 3.5$ Fixture

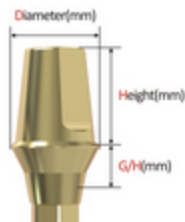
D	H	G/H	REF No.
4.5	5.5	1.0	SBDN 4610N(I)
4.5	5.5	2.0	SBDN 4620N(I)
4.5	5.5	3.0	SBDN 4630N(I)
4.5	5.5	4.0	SBDN 4640N(I)
4.5	5.5	5.0	SBDN 4650N(I)

D	H	G/H	REF No.
5.0	5.5	1.0	SBDN 5610N(I)
5.0	5.5	2.0	SBDN 5620N(I)
5.0	5.5	3.0	SBDN 5630N(I)
5.0	5.5	4.0	SBDN 5640N(I)

- ① Cement type prosthesis
- ② Transected interface itself prevents the rotation
- ③ Use a 1.2 Hand / Torque Hex Driver
- ④ Recommended installation : 25Ncm
- ⑤ Package content: Abutment + Ti Screw



Dual Abutment / Hex Type



- ① Cement type prosthesis
- ② Truncated interface itself prevents the rotation
- ③ Use a 1.2 Hand / Torque Hex Driver
- ④ Recommended installation: 30Ncm
- ⑤ Package content: Abutment + Ti Screw
- ⑥ Completely sterilized, with irradiation indication stickers

Standard For $\phi 4.0/\phi 4.5/\phi 5.0$ Fixture

D	H	G/H	REF No.
4.5	5.5	1.0	SBD5 4610
4.5	5.5	2.0	SBD5 4620
4.5	5.5	3.0	SBD5 4630
4.5	5.5	4.0	SBD5 4640
4.5	5.5	5.0	SBD5 4650



Use a 1.2 Hand / Torque Driver



REF No.
SBABSS

D	H	G/H	REF No.
5.0	4.0	1.0	SBD5 5410
5.0	4.0	2.0	SBD5 5420
5.0	4.0	3.0	SBD5 5430
5.0	4.0	4.0	SBD5 5440
5.0	4.0	5.0	SBD5 5450

D	H	G/H	REF No.
5.0	5.5	1.0	SBD5 5610
5.0	5.5	2.0	SBD5 5620
5.0	5.5	3.0	SBD5 5630
5.0	5.5	4.0	SBD5 5640
5.0	5.5	5.0	SBD5 5650

D	H	G/H	REF No.
5.0	7.0	1.0	SBD5 5710
5.0	7.0	2.0	SBD5 5720
5.0	7.0	3.0	SBD5 5730
5.0	7.0	4.0	SBD5 5740
5.0	7.0	5.0	SBD5 5750

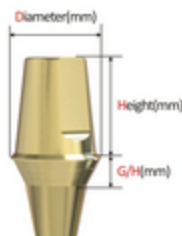
D	H	G/H	REF No.
6.0	4.0	1.0	SBD5 6410
6.0	4.0	2.0	SBD5 6420
6.0	4.0	3.0	SBD5 6430
6.0	4.0	4.0	SBD5 6440
6.0	4.0	5.0	SBD5 6450

D	H	G/H	REF No.
6.0	5.5	1.0	SBD5 6610
6.0	5.5	2.0	SBD5 6620
6.0	5.5	3.0	SBD5 6630
6.0	5.5	4.0	SBD5 6640
6.0	5.5	5.0	SBD5 6650

D	H	G/H	REF No.
6.0	7.0	1.0	SBD5 6710
6.0	7.0	2.0	SBD5 6720
6.0	7.0	3.0	SBD5 6730
6.0	7.0	4.0	SBD5 6740
6.0	7.0	5.0	SBD5 6750

D	H	G/H	REF No.
7.0	5.5	1.0	SBD5 7610
7.0	5.5	2.0	SBD5 7620
7.0	5.5	3.0	SBD5 7630
7.0	5.5	4.0	SBD5 7640
7.0	5.5	4.0	SBD5 7650

Dual Abutment / Non-Hex Type



- Cement type prosthesis
- Used for bridge restoration
- Use a 1.2 Hand / Torque Hex Driver
- Recommended installation: 30Ncm
- Package content: Abutment + Ti Screw
- Completely sterilized, with irradiation indication stickers

Standard For $\phi 4.0/\phi 4.5/\phi 5.0$ Fixture

D	H	G/H	REF No.
4.5	5.5	1.0	SBDS 4610N
4.5	5.5	2.0	SBDS 4620N
4.5	5.5	3.0	SBDS 4630N
4.5	5.5	4.0	SBDS 4640N
4.5	5.5	5.0	SBDS 4650N



Use a 1.2 Hand / Torque Driver



D	H	G/H	REF No.
5.0	4.0	1.0	SBDS 5410N
5.0	4.0	2.0	SBDS 5420N
5.0	4.0	3.0	SBDS 5430N
5.0	4.0	4.0	SBDS 5440N
5.0	4.0	5.0	SBDS 5450N

D	H	G/H	REF No.
5.0	5.5	1.0	SBDS 5610N
5.0	5.5	2.0	SBDS 5620N
5.0	5.5	3.0	SBDS 5630N
5.0	5.5	4.0	SBDS 5640N
5.0	5.5	5.0	SBDS 5650N

D	H	G/H	REF No.
5.0	7.0	1.0	SBDS 5710N
5.0	7.0	2.0	SBDS 5720N
5.0	7.0	3.0	SBDS 5730N
5.0	7.0	4.0	SBDS 5740N
5.0	7.0	5.0	SBDS 5750N

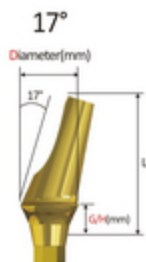
D	H	G/H	REF No.
6.0	4.0	1.0	SBDS 6410N
6.0	4.0	2.0	SBDS 6420N
6.0	4.0	3.0	SBDS 6430N
6.0	4.0	4.0	SBDS 6440N
6.0	4.0	5.0	SBDS 6450N

D	H	G/H	REF No.
6.0	5.5	1.0	SBDS 6610N
6.0	5.5	2.0	SBDS 6620N
6.0	5.5	3.0	SBDS 6630N
6.0	5.5	4.0	SBDS 6640N
6.0	5.5	5.0	SBDS 6650N

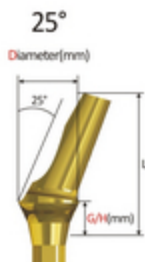
D	H	G/H	REF No.
6.0	7.0	1.0	SBDS 6710N
6.0	7.0	2.0	SBDS 6720N
6.0	7.0	3.0	SBDS 6730N
6.0	7.0	4.0	SBDS 6740N
6.0	7.0	5.0	SBDS 6750N

D	H	G/H	REF No.
7.0	5.5	1.0	SBDS 7610N
7.0	5.5	2.0	SBDS 7620N
7.0	5.5	3.0	SBDS 7630N
7.0	5.5	4.0	SBDS 7640N
7.0	5.5	5.0	SBDS 7650N

Angled Abutment



- Used for corresponding the angle of prosthesis
- Anodized surface evolves an esthetic outcome
- Hex type : For single dental crown
Non-Hex type : For multiple bridge crown
- Use a 1.2 Hand / Torque Driver
- Recommended installation: Narrow 25Ncm / Standard 30Ncm
- Package Content: Abutment + Ti Screw
- Completely sterilized, with irradiation indication stickers



Narrow For $\phi 3.0 / \phi 3.5$ Fixture

D	G/H	Type	L	REF No.
4.3	2.0	A	10.0	SBAA 4320A(I)
4.3	2.0	B	10.0	SBAA 4320B(I)
4.3	2.0	N	10.0	SBAA 4320N(I)
4.3	4.0	A	12.0	SBAA 4340A(I)
4.3	4.0	B	12.0	SBAA 4340B(I)
4.3	4.0	N	12.0	SBAA 4340N(I)



Narrow For $\phi 3.0 / \phi 3.5$ Fixture

D	G/H	Type	L	REF No.
4.3	2.0	A	10.0	SBAA 4320A25(I)
4.3	2.0	B	10.0	SBAA 4320B25(I)
4.3	2.0	N	10.0	SBAA 4320N25(I)
4.3	4.0	A	12.0	SBAA 4340A25(I)
4.3	4.0	B	12.0	SBAA 4340B25(I)
4.3	4.0	N	12.0	SBAA 4340N25(I)

Standard

For $\phi 4.0 / \phi 4.5 / \phi 5.0$ Fixture

D	G/H	Type	L	REF No.
4.5	2.0	A	10.0	SBAA 4520A
4.5	2.0	B	10.0	SBAA 4520B
4.5	2.0	N	10.0	SBAA 4520N
4.5	4.0	A	12.0	SBAA 4540A
4.5	4.0	B	12.0	SBAA 4540B
4.5	4.0	N	12.0	SBAA 4540N
D	G/H	Type	L	REF No.
5.5	2.0	A	10.0	SBAA 5520A
5.5	2.0	B	10.0	SBAA 5520B
5.5	2.0	N	10.0	SBAA 5520N
5.5	4.0	A	12.0	SBAA 5540A
5.5	4.0	B	12.0	SBAA 5540B
5.5	4.0	N	12.0	SBAA 5540N



Use a 1.2 Hand / Torque Driver

Standard

For $\phi 4.0 / \phi 4.5 / \phi 5.0$ Fixture

D	G/H	Type	L	REF No.
4.5	2.0	A	10.0	SBAA 4520A25
4.5	2.0	B	10.0	SBAA 4520B25
4.5	2.0	N	10.0	SBAA 4520N25
4.5	4.0	A	12.0	SBAA 4540A25
4.5	4.0	B	12.0	SBAA 4540B25
4.5	4.0	N	12.0	SBAA 4540N25
D	G/H	Type	L	REF No.
5.5	2.0	A	10.0	SBAA 5520A25
5.5	2.0	B	10.0	SBAA 5520B25
5.5	2.0	N	10.0	SBAA 5520N25
5.5	4.0	A	12.0	SBAA 5540A25
5.5	4.0	B	12.0	SBAA 5540B25
5.5	4.0	N	12.0	SBAA 5540N25

Temporary Abutment



- ① Used for temporary prosthesis
- ② Easy to trim
- ③ Hex type : For single dental crown;
Non-Hex type : For multiple bridge crown.
- ④ Use a 1.2 Hand / Torque Driver
- ⑤ Recommended installation: Narrow 25Ncm / Standard 30Ncm
- ⑥ Package Content: Abutment + Ti Screw
- ⑦ Material: SUS316

Narrow

For $\phi 3.0$ / $\phi 3.5$ Fixture

D	G/H	Type	REF No.
4.0	1.0	Hex	SBTA 4010(I)
4.0	1.0	Non-Hex	SBTA 4010N(I)
4.0	3.0	Hex	SBTA 4030(I)
4.0	3.0	Non-Hex	SBTA 4030N(I)



Use a 1.2 Hand / Torque Driver

Standard

For $\phi 4.0$ / $\phi 4.5$ / $\phi 5.0$ Fixture

D	G/H	Type	REF No.
4.5	1.0	Hex	SBTA 4510
4.5	1.0	Non-Hex	SBTA 4510N
4.5	3.0	Hex	SBTA 4530
4.5	3.0	Non-Hex	SBTA 4530N



UCLA Casting Abutment



G/H	Type	$\phi 4.0$ Narrow	$\phi 4.5$ Standard
1.0	Hex	SBMA 4010S(I)	SBMA 4510S
	Non-Hex	SBMA 4010B(I)	SBMA 4510B
3.0	Hex	SBMA 4030S(I)	SBMA 4530S
	Non-Hex	SBMA 4030B(I)	SBMA 4530B

- ① Used for waxing over the UCLA abutment to achieve the ideal shape, contour, and emergence profile needed for the individual restoration.
- ② Use a 1.2 Hand / Torque Hex Driver
- ③ Recommended installation: 25Ncm
- ④ Package content: UCLA abutment + Ti Screw
- ⑤ Non-sterile
- ⑥ Material: POM Wax-Up Prop + CoCrMo Base + Ti6Al4V Screw

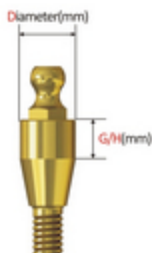


For Narrow Fixture



For Standard Fixture

O-ring Abutment



- ⦿ Used for denture restoration
- ⦿ Anodized surface evolves an esthetic outcome
- ⦿ For dental technician: Black(5N)
- ⦿ For denture: Yellow(4N), Red(6N)
- ⦿ Use a O-ring Torque Driver
- ⦿ Recommended installation: Narrow 25Ncm / Standard 30Ncm
- ⦿ Package Content: Abutment + Retainer Set

Narrow

For $\varnothing 3.0$ / $\varnothing 3.5$ Fixture

D	G/H	REF No.
3.5	1.0	SBSAN 3510A(I)
3.5	2.0	SBSAN 3520A(I)
3.5	3.0	SBSAN 3530A(I)
3.5	4.0	SBSAN 3540A(I)
3.5	5.0	SBSAN 3550A(I)
3.5	6.0	SBSAN 3560A(I)



Use a O-ring Torque Driver

Standard

For $\varnothing 4.0$ / $\varnothing 4.5$ / $\varnothing 5.0$ Fixture

D	G/H	REF No.
3.5	1.0	SBSA 3510A
3.5	2.0	SBSA 3520A
3.5	3.0	SBSA 3530A
3.5	4.0	SBSA 3540A
3.5	5.0	SBSA 3550A
3.5	6.0	SBSA 3560A

Retainer Set



REF No.
SBR5

- ⦿ Removable components to support O-ring Abutment
- ⦿ Package Content: Retainer + O-ring

O-ring Lab Analog



REF No.
SBLA

- ⦿ Place into the cast for model fabrication

Ti-Base Abutment

Narrow



REF No.
SBABSNI(I)

H	D	G/H	Hex	Non-Hex
4.0	4.0	0.5	SBTBN(I)	SBTBN(I)N
4.0	4.0	1.0	SBTBN4010(I)	SBTBN4010(I)N
4.0	4.0	2.0	SBTBN4020(I)	SBTBN4020(I)N

- Non-Sterile
- Serves as a connector between the implant and its final restoration for CAD/CAM customized solutions
- Use a 1.2 Hex Hand / Torque Driver
- Recommended installation : Narrow 25Ncm / Standard 30Ncm
- Package content : Ti Base + Ti screw
- Material : Ti6Al4V

Standard



REF No.
SBABS

H	D	G/H	Hex	Non-Hex
4.0	4.0	0.5	SBTBS	SBTBSN
4.0	4.0	1.0	SBTBS4010	SBTBSN4010
4.0	4.0	2.0	SBTBS4020	SBTBSN4020

- Non-Sterile
- Serves as a connector between the implant and its final restoration for CAD/CAM customized solutions
- Use a 1.2 Hex Hand / Torque Driver
- Recommended installation : Narrow 25Ncm / Standard 30Ncm
- Package content : Ti Base + Ti screw
- Material : Ti6Al4V

Blank Abutment



Type	Narrow	Standard
REF No.	SBBAN(I)10 SBBAN(I)15	SBBAS10 SBBAS15



REF No.
SBABSNI(I)



REF No.
SBABS

- Non-Sterile
- Used for customized abutment by CNC milling machine
- Use a 1.2 Hex Hand / Torque Driver
- Recommended installation : Narrow 25Ncm / Standard 30Ncm
- Package content : Blank abutment + Ti screw
- Material : Ti6Al4V

Digital Analog



Type	Narrow	Standard
REF No.	SBDLA350(I)	SBDLA400

- Non-Sterile
- Digital replica of the dental implant to simulate implant position in a 3D printed dental model.
- Package content : Digital Analog
- Material : Ti6Al4V

Scan Jig



Type	Narrow	Standard
REF No.	SBSJBN 4010(I)	SBSJBS 5010



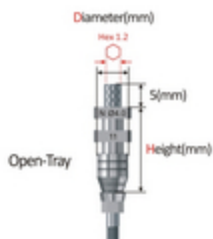
REF No.
SBABSNI(I)



REF No.
SBABS

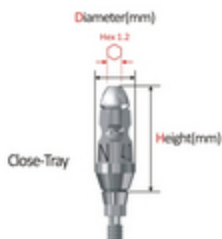
- Digital replica of the dental implant to simulate implant position in a 3D printed dental model.
- Use a 1.2 Hex Hand / Torque Driver
- Package content : Scan Jig + Ti Screw
- Recommended installation : 10Ncm
- Material : Ti6Al4V with sandblasting

Fixture Pick-up Impression Coping



- ① Pick-up type for customized tray
- ② Package includes screw
- ③ Non-Sterile
- ④ Recommended installation : 10Ncm

Fixture Transfer Impression Coping



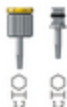
- ① Transfer type for ready-made tray
- ② Hex design is two-piece design which includes screw
- ③ Non-Hex design is one-piece design
- ④ Non-Sterile
- ⑤ Recommended installation : 10Ncm

Narrow For $\phi 3.0$ / $\phi 3.5$ Fixture

D	H	Type	REF No.
4.0	11.0	Hex	SBPIN 4011(I)
4.0	11.0	Non-Hex	SBPIN 4011N(I)
4.0	15.0	Hex	SBPIN 4015(I)
4.0	15.0	Non-Hex	SBPIN 4015N(I)

Standard For $\phi 4.0$ / $\phi 4.5$ / $\phi 5.0$ Fixture

D	H	Type	REF No.
4.0	11.0	Hex	SBPIS 4011
4.0	11.0	Non-Hex	SBPIS 4011N
4.0	15.0	Hex	SBPIS 4015
4.0	15.0	Non-Hex	SBPIS 4015N
D	H	Type	REF No.
5.0	11.0	Hex	SBPIS 5011
5.0	11.0	Non-Hex	SBPIS 5011N
5.0	15.0	Hex	SBPIS 5015
5.0	15.0	Non-Hex	SBPIS 5015N
D	H	Type	REF No.
6.0	11.0	Hex	SBPIS 6011
6.0	11.0	Non-Hex	SBPIS 6011N
6.0	15.0	Hex	SBPIS 6015
6.0	15.0	Non-Hex	SBPIS 6015N



Use a 1.2 Hand / Torque Driver

Narrow For $\phi 3.0$ / $\phi 3.5$ Fixture

D	H	Type	REF No.
4.0	11.0	Hex	SBTIN 4011(I)
4.0	11.0	Non-Hex	SBTIN 4011N(I)
4.0	14.0	Hex	SBTIN 4014(I)
4.0	14.0	Non-Hex	SBTIN 4014N(I)

Standard For $\phi 4.0$ / $\phi 4.5$ / $\phi 5.0$ Fixture

D	H	Type	REF No.
4.0	11.0	Hex	SBTIS 4011
4.0	11.0	Non-Hex	SBTIS 4011N
4.0	14.0	Hex	SBTIS 4014
4.0	14.0	Non-Hex	SBTIS 4014N
D	H	Type	REF No.
5.0	11.0	Hex	SBTIS 5011
5.0	11.0	Non-Hex	SBTIS 5011N
5.0	14.0	Hex	SBTIS 5014
5.0	14.0	Non-Hex	SBTIS 5014N
D	H	Type	REF No.
6.0	11.0	Hex	SBTIS 6011
6.0	11.0	Non-Hex	SBTIS 6011N
6.0	14.0	Hex	SBTIS 6014
6.0	14.0	Non-Hex	SBTIS 6014N



Narrow

H	REF No.
11	SBPGPN 150(I)
15	SBPGPN 190(I)

Standard

H	REF No.
11	SBPGPS 150L
15	SBPGPS 190L



Narrow

H	REF No.
11	SBTGPNI1(I)
14	SBTGPNI14(I)

Standard

H	REF No.
11	SBTGPS11
14	SBTGPS14

Fixture Lab Analog



Type	Narrow	Standard
REF No.	SBLA 350(I)	SBLA 400

- ① Place into the cast for model fabrication
- ② Narrow : Purple Standard : Green
- ③ Material : T6Al4V

Mini Surgical Kit



REF No.

SKS802

Lance Drill



H(mm)



10
8.5
7
5

ITEM	H	D	REF No.
Lance Drill	33.2mm	2mm	ALD001

- ① Used for making implant position
- ② Initial implant site preparation which determines both density and depth of drilling
- ③ The sharpness tip of the drill is to minimize the deviation while drilling
- ④ The recommended rotation speed is 800-1200rpm

Sidecut Drill



H(mm)



11.5
10
8.5
7



0.5mm

ITEM	H	REF No.
Sidecut Drill	34.9mm	ASD001

- ① Used for incline trimming to align the drilling position
- ② The recommended rotation speed is 800-1200rpm

Extension Piece Driver

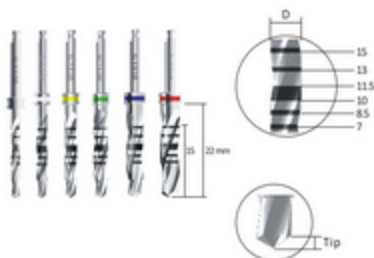


H(mm)

ITEM	H	REF No.
Extension Piece Driver	29.0mm	AED002S

- ① It can be used if the available vertical space in single tooth gaps in the region of the anterior teeth is insufficient during inserting.
- ② It can also combine with No Mount Drill for implantation

Twister Drill (Long)



ITEM	H	TIP	REF No.
Ø2.0 Twister Drill	2.0mm	0.58mm	ATWD 201S
Ø2.4 Twister Drill	2.4mm	0.58mm	ATWD 241S
Ø2.8 Twister Drill	2.8mm	0.69mm	ATWD 281S
Ø3.3 Twister Drill	3.3mm	0.81mm	ATWD 331S
Ø3.8 Twister Drill	3.8mm	0.95mm	ATWD 381S
Ø4.3 Twister Drill	4.3mm	1.1mm	ATWD 431S

① The specification of Twister Drills are tailored according to the implant sizes Adequately

② The length of drill is exclusive of tip

③ The recommended rotation speed is 800-1200rpm

Taper Cortical Drill

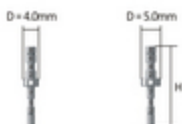


ITEM	REF No.
F3.0 Taper Cortical Drill	ATCD30
F3.5 Taper Cortical Drill	ATCD35
F4.0 Taper Cortical Drill	ATCD40
F4.5 Taper Cortical Drill	ATCD45
F5.0 Taper Cortical Drill	ATCD50

① The specification of Straight Cortical Drills are tailored according to the implant sizes adequately

② The recommended rotation speed is 800-1200rpm

Parallel Pins



ITEM	H	REF No.
Ø4.0 Parallel Pins	20mm	APP40
Ø5.0 Parallel Pins	20mm	APP50

① Used for checking osteotomy direction

No Mount Piece Driver (Short)



ITEM	H	REF No.
Narrow No Mount Piece Driver S	27mm	ANMPD001S(N))
Standard No Mount Piece Driver S	27mm	ANMPD001S(S)

① Used for connecting with the handpiece in order to retrieve the implant

② Narrow : Ø3.0 / Ø3.5 Fixture

③ Standard : Ø4.0 / Ø4.5 / Ø5.0 Fixture

④ The maximum insertion torque by using No Mount Piece Driver if it is excessive 25 Ncm must be prohibited

Fixture Torque Driver (Long)



ITEM	H	REF No.
Narrow Fixture Torque Driver L	24mm	AFD001L(N)
Standard Fixture Torque Driver L	24mm	AFD001L(S)

- ① Use a Simple / Torque Wrench
- ② **Narrow:** Ø3.0 / Ø3.5 Fixture
- ③ **Standard:** Ø4.0 / Ø4.5 / Ø5.0 Fixture

1.2 Hand Driver



ITEM	H	REF No.
1.2 Hand Driver	26mm	AHD12L

- ① It could be used to remove Cover Screw, Healing Abutment, Fixed Abutment (Ø4.5mm, Ø5.0mm, Ø6.0mm), Ti Screw
- ② Hand Driver could be used manually

1.2 Torque Driver



ITEM	H	REF No.
1.2 Torque Driver	22mm	ATD12L

- ① It could be used to remove Cover Screw, Healing Abutment, Fixed Abutment (Ø4.5mm, Ø5.0mm, Ø6.0mm), Ti Screw
- ② Torque Driver could be used with Simple / Torque Wrench

Simple Wrench



REF No.
ATW007

- ① "IN" - Inserting clockwise
- ② "OUT" - Withdrawing counter-clockwise
- ③ Sterilization by autoclaving is 134°C (273°F)

Depth Gauge



REF No.
ADG001

- ① A (DEPTH) is used to identify the desired depth has been reached. The laser markings of A among the lengths from 7-15mm
- ② C (G/H) is used to identify the gingival height. The laser markings of C are numerical

Stopper (Medium)



ITEM	H	REF No.
7.0 Drill Stopper	16, 2mm	AST4A07Y
8.5 Drill Stopper	14, 7mm	AST4A08Y
10 Drill Stopper	13, 2mm	AST4A10Y
11.5 Drill Stopper	11, 7mm	AST4A11Y
13 Drill Stopper	10, 2mm	AST4A13Y
15 Drill Stopper	8, 2mm	AST4A15Y

① Used for self-stopping

② Available for Ø2.0, Ø2.4, Ø2.8, Ø3.3 drills

Stopper (Large)



ITEM	H	REF No.
7.0 Drill Stopper	16, 2mm	AST5A07R
8.5 Drill Stopper	14, 7mm	AST5A08R
10 Drill Stopper	13, 2mm	AST5A10R
11.5 Drill Stopper	11, 7mm	AST5A11R
13 Drill Stopper	10, 2mm	AST5A13R
15 Drill Stopper	8, 2mm	AST5A15R

① Used for self-stopping

② Available for Ø3.8, Ø4.3 drills

PURCHASING ITEMS

Fixed Piece Driver



ITEM	H	REF No.
Fixed Piece Driver S	22, 5mm	AFPD001S

① It could be used to place or remove Ø4.0mm Fixed Abutment

Fixed Torque Driver



ITEM	H	REF No.
Fixed Torque Driver L	24mm	AFTD001L

① It could be used to place or remove Ø4.0mm Fixed Abutment

② Fixed Torque Driver could be used with Simple/Torque Wrench

Taper Surgical Kit



REF No.

SKSB01

Lance Drill



ITEM	H	D	REF No.
Lance Drill	33.2mm	2mm	ALD001

- ① Used for making implant position
- ② Initial implant site preparation which determines both density and depth of drilling
- ③ The sharpness tip of the drill is to minimize the deviation while drilling
- ④ The recommended rotation speed is 800-1200rpm

Sidecut Drill



ITEM	H	REF No.
Sidecut Drill	34.9mm	ASD001

- ① Used for incline trimming to align the drilling position
- ② The recommended rotation speed is 800-1200rpm

Extension Piece Driver



ITEM	H	REF No.
Extension Piece Driver	29.0mm	AED002S

- ① It can be used if the available vertical space in single tooth gaps in the region of the anterior teeth is insufficient during inserting
- ② It can also combine with No Mount Drill for implantation

Ø2.0 Twister Drill



ITEM	H	TIP	REF No.
Ø2.0 Twister Drill	8.5mm	0.58mm	ATWD2008
Ø2.0 Twister Drill	10mm	0.58mm	ATWD2010
Ø2.0 Twister Drill	11.5mm	0.58mm	ATWD2011
Ø2.0 Twister Drill	13mm	0.58mm	ATWD2013
Ø2.0 Twister Drill	15mm	0.49mm	ATWD2015

- ① The length of drill is exclusive of tip
- ② The recommended rotation speed is 800-1200 rpm

F3.0 Taper Drill



ITEM	H	TIP	REF No.
F3.0 Taper Drill	10mm	0.52mm	ATAD3010
F3.0 Taper Drill	11.5mm	0.52mm	ATAD3011
F3.0 Taper Drill	13mm	0.52mm	ATAD3013
F3.0 Taper Drill	15mm	0.52mm	ATAD3015

- ① Tapered design for Ø3.0mm Fixture
- ② The length of **H** is corresponding with the implant height, and is allowed up to 1mm longer drilling above the black laser line upon the clinical judgement
- ③ The recommended rotation speed is 800-1200rpm

F3.5 Taper Drill



ITEM	H	TIP	REF No.
F3.5 Taper Drill	8.5mm	0.7mm	ATAD3508
F3.5 Taper Drill	10mm	0.72mm	ATAD3510
F3.5 Taper Drill	11.5mm	0.72mm	ATAD3511
F3.5 Taper Drill	13mm	0.74mm	ATAD3513
F3.5 Taper Drill	15mm	0.74mm	ATAD3515

- ① Tapered design for Ø3.5mm Fixture
- ② The length of **H** is corresponding with the implant height, and is allowed up to 1mm longer drilling above the black laser line upon the clinical judgement
- ③ The recommended rotation speed is 800-1200rpm

F4.0 Taper Drill



ITEM	H	TIP	REF No.
F4.0 Taper Drill	7mm	0.78mm	ATAD4007
F4.0 Taper Drill	8.5mm	0.78mm	ATAD4008
F4.0 Taper Drill	10mm	0.79mm	ATAD4010
F4.0 Taper Drill	11.5mm	0.79mm	ATAD4011
F4.0 Taper Drill	13mm	0.82mm	ATAD4013
F4.0 Taper Drill	15mm	0.82mm	ATAD4015

- ① Tapered design for Ø4.0mm Fixture
- ② The length of **H** is corresponding with the implant height, and is allowed up to 1mm longer drilling above the black laser line upon the clinical judgement
- ③ The recommended rotation speed is 800-1200rpm

F4.5 Taper Drill



ITEM	H	TIP	REF No.
F4.5 Taper Drill	7mm	0.89mm	ATAD4507
F4.5 Taper Drill	8.5mm	0.89mm	ATAD4508
F4.5 Taper Drill	10mm	0.95mm	ATAD4510
F4.5 Taper Drill	11.5mm	0.95mm	ATAD4511
F4.5 Taper Drill	13mm	1.01mm	ATAD4513
F4.5 Taper Drill	15mm	1.01mm	ATAD4515

- ① Tapered design for Ø4.5mm Fixture
- ② The length of **H** is corresponding with the implant height, and is allowed up to 1mm longer drilling above the black laser line upon the clinical judgement
- ③ The recommended rotation speed is 800-1200rpm

F5.0 Taper Drill



ITEM	H	TIP	REF No.
F5.0 Taper Drill	7mm	1.07mm	ATAD5007
F5.0 Taper Drill	8.5mm	1.07mm	ATAD5008
F5.0 Taper Drill	10mm	1.12mm	ATAD5010
F5.0 Taper Drill	11.5mm	1.12mm	ATAD5011
F5.0 Taper Drill	13mm	1.18mm	ATAD5013
F5.0 Taper Drill	15mm	1.19mm	ATAD5015

- ① Tapered design for Ø5.0mm Fixture
- ② The length of **H** is corresponding with the implant height, and is allowed up to 1mm longer drilling above the black laser line upon the clinical judgement
- ③ The recommended rotation speed is 800-1200rpm

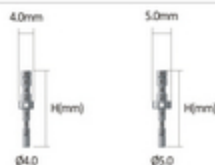
Taper Cortical Drill



ITEM	REF No.
F3.0 Taper Cortical Drill	ATCD30
F3.5 Taper Cortical Drill	ATCD35
F4.0 Taper Cortical Drill	ATCD40
F4.5 Taper Cortical Drill	ATCD45
F5.0 Taper Cortical Drill	ATCD50

- ① The specification of Taper Cortical Drills are tailored according to the implant sizes adequately
- ② The recommended rotation speed is 800-1200rpm

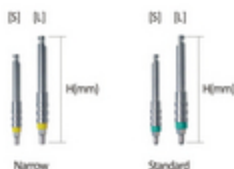
Parallel Pins



ITEM	H	REF No.
Ø4.0 Parallel Pins	20mm	APP40
Ø5.0 Parallel Pins	20mm	APP50

Ⓢ Used for checking osteotomy direction

No Mount Piece Driver



ITEM	H	REF No.
Narrow No Mount Piece Driver S	27mm	ANMPD001S(N)(I)
Narrow No Mount Piece Driver L	32mm	ANMPD001L(N)(I)
Standard No Mount Piece Driver S	27mm	ANMPD001S(S)
Standard No Mount Piece Driver L	32mm	ANMPD001L(S)

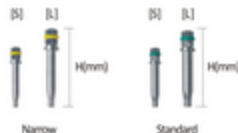
Ⓢ Used for connecting with the handpiece in order to retrieve the fixture

Ⓢ Narrow: Ø3.5 Fixture

Ⓢ Standard: Ø4.0 / Ø4.5 / Ø5.0 Fixture

Ⓢ The maximum insertion torque by using No Mount Piece Driver if it is excessive 25 Ncm must to be prohibited

Fixture Torque Driver



ITEM	H	REF No.
Narrow Fixture Torque Driver S	19mm	AFD001S(N)
Narrow Fixture Torque Driver L	24mm	AFD001L(N)
Standard Fixture Torque Driver S	19mm	AFD001S(S)
Standard Fixture Torque Driver L	24mm	AFD001L(S)

Ⓢ Use a Simple / Torque Wrench

Ⓢ Narrow: Ø3.5 Fixture

Ⓢ Standard: Ø4.0 / Ø4.5 / Ø5.0 Fixture

1.2 Hand/ Torque Driver



ITEM	H	REF No.
1.2 Hand Driver	21mm	AHD12S
1.2 Hand Driver	26mm	AHD12L
1.2 Torque Driver	16mm	ATD12S
1.2 Torque Driver	22mm	ATD12L

Ⓢ It could be used to remove Cover Screw, Healing Abutment, Fixed Abutment (Ø4.5mm, Ø5.0mm, Ø6.0mm and Ø7.0mm), Ti Screw

Ⓢ Hand Driver could be used manually

Ⓢ Torque Driver could be used with Simple/Torque Wrench

Torque Wrench



REF No.

ATW001

- ① Readable torque indication
- ② "IN" - Inserting clockwise
- ③ "OUT" - Withdrawing counter-clockwise
- ④ Sterilization by autoclaving is 134°C (273°F)

Depth Gauge



REF No.

ADG001

- ① A (DEPTH) is used to identify the desired depth has been reached
The laser markings of A among the lengths from 7-15mm
- ② C (G/H) is used to identify the gingival height
The laser markings of C are numerical

PURCHASING ITEMS

Fixed Driver



ITEM	H	REF No.
Fixed Piece Driver S	19mm	AFPD001S
Fixed Torque Driver L	24mm	AFTD001L

- ① It could be used to place or remove Ø4.0mm Fixed Abutment
- ② Torque Fixed Driver could be used with Simple/Torque Wrench

O-ring Torque Driver



ITEM	H	REF No.
O-ring Torque Driver	20mm	AOTD8001S
	24mm	AOTD8001L
	30mm	AOTD8001XL

- ① Used to place or remove O-ring Abutment
- ② O-ring Driver could be used with Torque Wrench

Screw Driver



ITEM	H	REF No.
Screw Driver	25mm	ATFT40
	25mm	ATFT45
	25mm	ATFT50

- ① Each sizes corresponds to different sizes of implants. For high bone density, it can provide tapping and reduce the torque value.
- ② Screw Driver could be used with wrench.

Prosthetic Kit



REF No.

SKS803

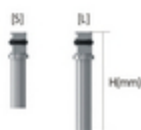
1.2 Hand / Torque Drivers



ITEM	H	REF No.
1.2 Hand Driver	21mm	AHD12S
1.2 Hand Driver	26mm	AHD12L
1.2 Torque Driver	16mm	ATD12S
1.2 Torque Driver	22mm	ATD12L

- ① It could be used to remove Cover Screw, Healing Abutment, Fixed Abutment (Ø4.5mm, Ø5.0mm, Ø6.0mm), Ti Screw
- ② Hand Driver could be used manually
- ③ Torque Driver could be used with Simple/Torque Wrench

Fixed Torque Driver



ITEM	H	REF No.
Fixed Torque Driver S	19mm	AFTD001S
Fixed Torque Driver L	24mm	AFTD001L

- ① It could be used to place or remove Ø4.0mm Fixed Abutment
- ② Torque Fixed Driver could be used with Simple/Torque Wrench

O-ring Driver

PURCHASING ITEMS



ITEM	H	REF No.
O-ring Torque Driver	20mm	AOTD8001S
	24mm	AOTD8001L
	30mm	AOTD8001XL

- ① Used to place or remove O-ring Abutment
- ② O-ring Driver could be used with Torque Wrench

0°Simabutment



ITEM	H	REF No.
0° Simabutment	1mm	SBT1 46100)
0° Simabutment	2mm	SBT1 46200)
0° Simabutment	3mm	SBT1 46300)
0° Simabutment	4mm	SBT1 46400)

- ① Used for simulating occlusion after the abutment is placed, and determine the gingival height
- ② Narrow: Ø3.5mm Fixture
- ③ Use a Fixed Driver
- ④ Material: Aluminum

0°Simabutment



Narrow



Standard



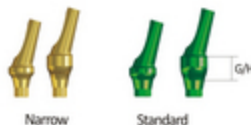
ITEM	G/H	REF No.
0° Simabutment	1mm	SBTI 4610
0° Simabutment	2mm	SBTI 4620
0° Simabutment	3mm	SBTI 4630
0° Simabutment	4mm	SBTI 4640

- ① Used for simulating occlusion after the abutment is placed, and determine the gingival height
- ② Narrow: Ø3.5mm Fixture
- ③ Use a Fixed Driver
- ④ Material: Aluminum

ITEM	G/H	REF No.
0° Simabutment	1mm	SBTI 4611
0° Simabutment	2mm	SBTI 4621
0° Simabutment	3mm	SBTI 4631
0° Simabutment	4mm	SBTI 4641

- ① Used for simulating occlusion after the abutment is placed, and determine the gingival height
- ② Standard: Ø4.0mm / Ø4.5mm / Ø5.0mm Fixture
- ③ Use a 1.2 Hand/Torque Driver
- ④ Material: Aluminum

17°Simabutment



Narrow

Standard



ITEM	G/H	REF No.
17° Simabutment	2mm	SBTI 4320A
17° Simabutment	4mm	SBTI 4340A
17° Simabutment	2mm	SBTI 4520A
17° Simabutment	4mm	SBTI 4540A

- ① Used for simulating occlusion after the abutment is placed, and determine the gingival height
- ② Narrow: Ø3.5mm Fixture
- ③ Standard: Ø4.0mm / Ø4.5mm / Ø5.0mm Fixture
- ④ Use a 1.2 Hand/Torque Driver
- ⑤ Material: Aluminum

25°Simabutment



ITEM	G/H	REF No.
25° Simabutment	2mm	SBTI 4320A25
25° Simabutment	4mm	SBTI 4340A25
25° Simabutment	2mm	SBTI 4520A25
25° Simabutment	4mm	SBTI 4540A25

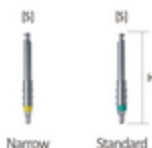
- ① Used for simulating occlusion after the abutment is placed, and determine the gingival height
- ② Narrow: Ø3.5mm Fixture
- ③ Standard: Ø4.0mm / Ø4.5mm / Ø5.0mm Fixture
- ④ Use a 1.2 Hand/Torque Driver
- ⑤ Material: Aluminum

Starter Kit



REF No. SKS807

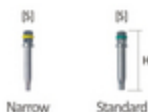
No Mount Piece Driver



ITEM	H	REF No.
Narrow No Mount Piece Driver S	27mm	ANMPD001S(N)(I)
Standard No Mount Piece Driver S	27mm	ANMPD001S(S)

- ⓘ Used for connecting with the handpiece in order to retrieve the implant
- ⓘ Narrow: Ø3.0 / Ø3.5 Fixture
- ⓘ Standard: Ø4.0 / Ø4.5 / Ø5.0 Fixture
- ⓘ The maximum insertion torque by using No Mount Piece Driver if it is excessive 25 Ncm must be prohibited

Fixture Torque Driver



ITEM	H	REF No.
Narrow Fixture Torque Driver S	19mm	AFD001S(N)
Standard Fixture Torque Driver S	19mm	AFD001S(S)

- ⓘ Use a Simple / Torque Wrench
- ⓘ Narrow: Ø3.0 / Ø3.5 Fixture
- ⓘ Standard: Ø4.0 / Ø4.5 / Ø5.0 Fixture

PURCHASING ITEMS

Torque Wrench



ITEM
ATW001

- ⓘ Readable torque indication
- ⓘ "IN" - Inserting clockwise
- ⓘ "OUT" - Withdrawing counter-clockwise
- ⓘ Sterilization by autoclaving is 134°C (273°F)

Torque Guide / BONE LEVEL

Products	Product description	Installation torque (Ncm)
Cover screw		10 / Ncm
Healing Abutment		
Scan Jig		10 / Ncm
Fixture Transfer Impression Coping	 Fixture Pick-up Impression Coping 	
Cylinder		15 / Ncm
Dual Abutment		
Angled Abutment		
Temporary Abutment		
Ti-Base Abutment		Narrow 25 / Ncm
Blank Abutment		Standard 30 / Ncm
Fixed Abutment		
O-ring Abutment		

Ti Screw 

Key Certificates and Awards



ISO 13485



NMPA



NMPA



Taiwan GMP



TFDA



FIXTURE DESIGN
PATENT



THREAD DESIGN
PATENT



SLA-CaP SURFACE
PATENT



2012 National
Innovation Award



2013 Academy of Oral
Implantology Taiwan Award

TI-MESH



TAIWAN
EXCELLENCE 2019

International Activities

● Germany



2015 IDS

● Dubai



2016 AEEDC



● Singapore



2016 IDEM



● Poland



● India



2016 Expodent

● USA



2016 CADSSC



2016 FDI

● USA



2017 USC International Symposium

● Germany



2017 IDS

India



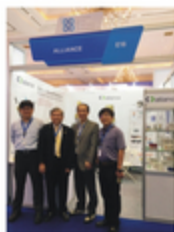
2017 WDS

Philippines



2018 Philippine Academy of Implant Dentistry

Indonesia



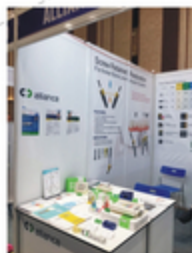
2017 IDEC

USA



2018 AO

Vietnam



2018 IADR-SEA

Germany



2019 IDS



Turkey



2019 IDEX

Malaysia



2019 MIDS



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