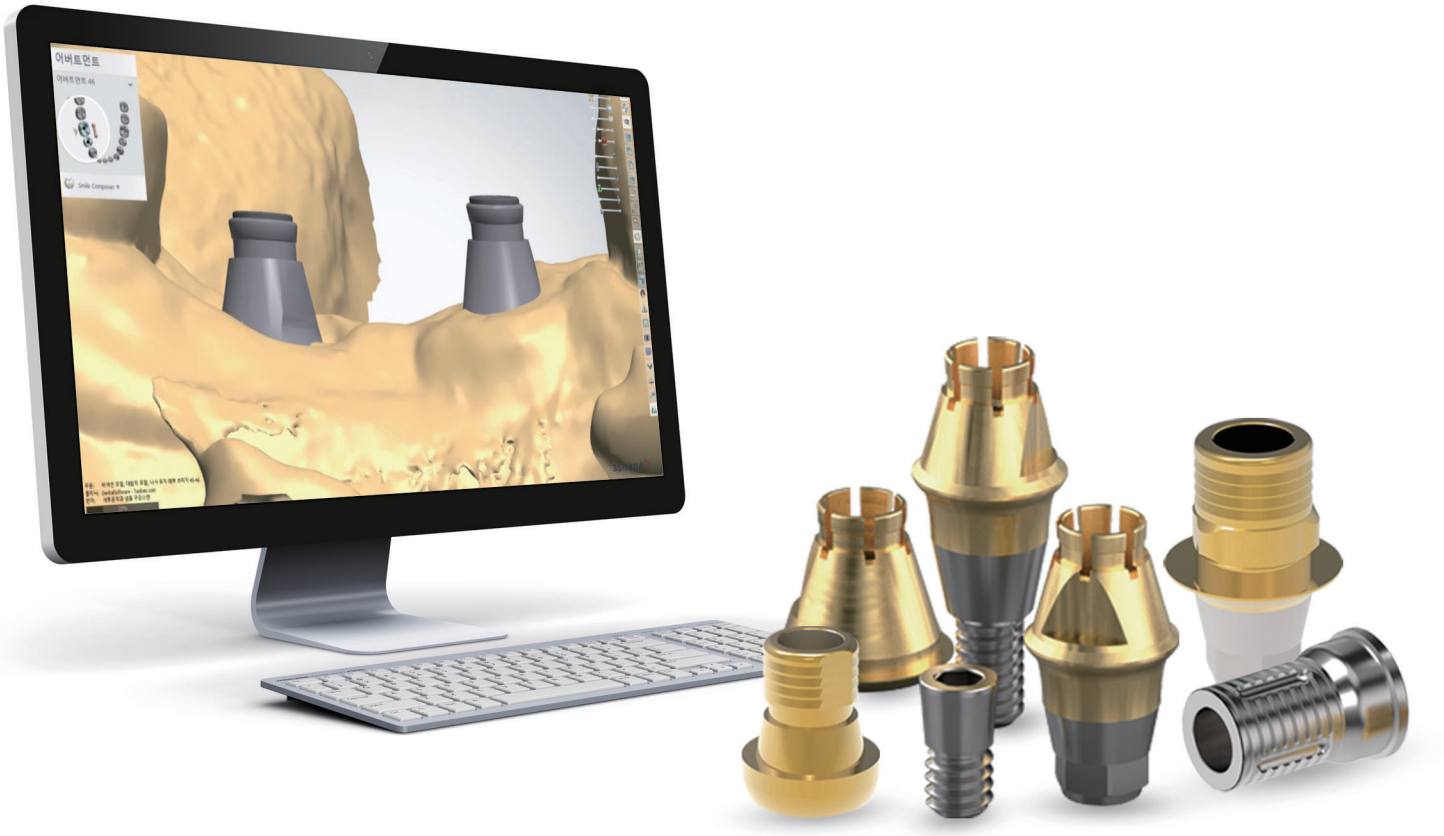
www.cowellmedi.com

SCAN ME

COWELL®
DIGITAL
PRODUCTS



COWELL®
Digital Products

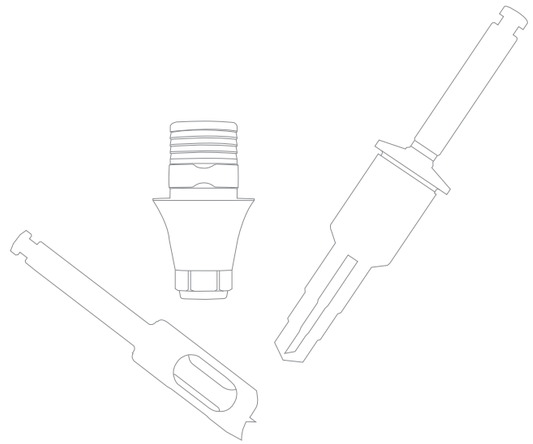
Drive yourself to COWELLMEDI's Digital Transformation

CWM
Cowellmedi Co., Ltd.
The pioneers in Dental Implant & E.rhBMP-2

COWELL® DIGITAL PRODUCTS

Drive yourself to COWELLMEDI's Digital Transformation

COWELL® Digital Products



CWM
Cowellmedi Co., Ltd.
The pioneers in Dental Implant & E.rhBMP-2

COWELL® DIGITAL PRODUCTS

Drive yourself to COWELLMEDI's Digital Transformation

Digital Guided Surgery Kit

InnoFit® Lodestar Plus Kit
InnoFit® Lodestar Kit

Digital Prosthesis

SFIT Ti-Base System
· Sub. SFIT Ti-Base System
· Sub. SFIT Absolute Ti-Base System
· Sub. & Sub-N. Multi SFIT Ti-Base System
· Int. SFIT Ti-Base System

InnoFit® Hybrid Ti-Base System
· Sub. Hybrid Ti-Base System
· Sub. & Sub-N. Multi Hybrid Ti-Base System
· Sub. Lock Hybrid Ti-Base System
· Sub-N. Hybrid Ti-Base System
· Int. Hybrid Ti-Base System

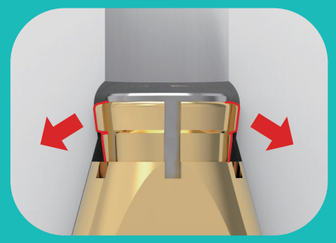
InnoFit® Lodestar Plus Kit

Exclusive for the INNO Submerged and Submerged Narrow Implant System.

InnoFit® Lodestar Kit

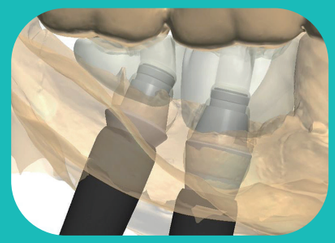
Universal to any implant system.

SFIT Ti-Base System



Cementless
(Spread Fit™)

Angulated screw channels
in both anterior and posterior teeth



Low prosthetic height

InnoFit® Lodestar Plus Kit [KLSP001]

> A total guided surgery solution applicable to various types of clinical cases.
> Exclusive for the INNO Submerged and Submerged Narrow Implant System.

Pilot Drill (Ø3.1/3.3)

KLPPD3307 KLPPD3308 KLPPD3310 KLPPD3312 KLPPD3314

Pilot Drill (Ø3.5)

KLPPD3507 KLPPD3508 KLPPD3510 KLPPD3512 KLPPD3514

Pilot Drill (Ø4.0)

KLPPD4007 KLPPD4008 KLPPD4010 KLPPD4012 KLPPD4014

Pilot Drill (Ø4.5)

KLPPD4507 KLPPD4508 KLPPD4510 KLPPD4512 KLPPD4514

Pilot Drill (Ø5.0)

KLPPD5007 KLPPD5008 KLPPD5010 KLPPD5012 KLPPD5014

Implant Adapter

KLPF01R KLPF02R KLPF01N KLPF02N

Tissue Punch

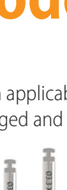
KLPTP01

Bone Flattening Drill

KLPBF01

Initial Drill (Ø2.8)

KLPID06S



Drill Extension

KDE002

Fixture Driver

KLPFD21

Torque Wrench

KTW001LP

1.2 Hex Ratchet Driver

KLPHD1214 KLPHD1220

V Anchor

KLPVA00I KLPVA00B

Countersink

KLPCS31 KLPCS33 KLPCS35 KLPCS40 KLPCS45 KLPCS50

Adapter Extension

KLPRE08S KLPRE12L KLPME08S KLPME12L

Abutment Profile

KLPAP10 KLPAP12 KLPAP14

Workflow

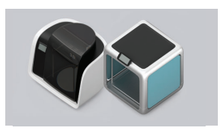
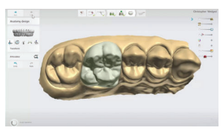
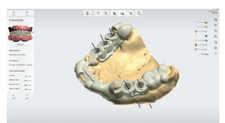
Consultation & Scan

Dental Clinic

- Fully digital procedure
- Partially digital procedure
-  Patient CT Scanning
-  Intraoral Scanning
-  Model Scanning

Implant Simulation

Dental Lab

-  Fabrication - 3D Printing & CAD/CAM
-  Abutment & crown design
-  Implant simulation & surgical guide template

Fabrication

Dental Lab

-  Surgical guide template
-  Temporary crown
-  Customized abutment

Surgery

Dental Clinic

- 

Preparation before Operation

Disinfection of surgical guide template

Disinfection must be done before the operation. Immerse the surgical guide template into the alcohol and chlorhexidine solution in a ratio of 9:1 or disinfection fluids such as CidexOPA, betadine, etc. for more than 20 minutes. Then rinse with the saline solution and install in patient's oral cavity.

Installation of surgical guide template

- Check if inward of surgical guide and outward of teeth are accurately contacted through the windows of mounted surgical guide template. In case of insufficient scan data, delete and adjust the inner side of the surgical guide template to contact precisely.
- Install the surgical guide template while scanning CT to check implantation path and precision before the operation (Implantation path may also be checked in post operation by scanning CT with installation of the surgical guide template).

Verification of dental implant

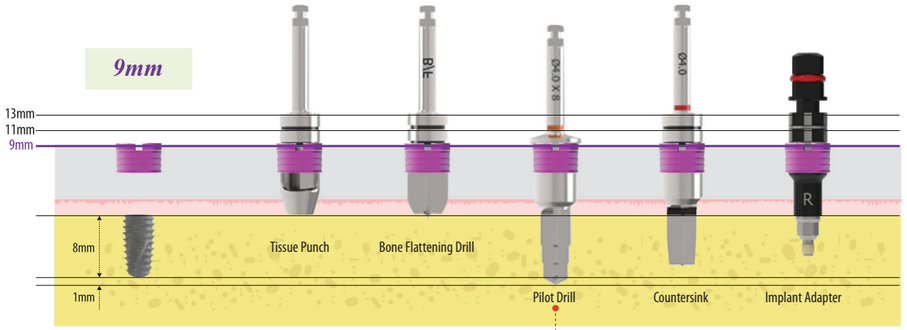
Check if marked dental implant is in the surgical report.

Confirmation of protocol

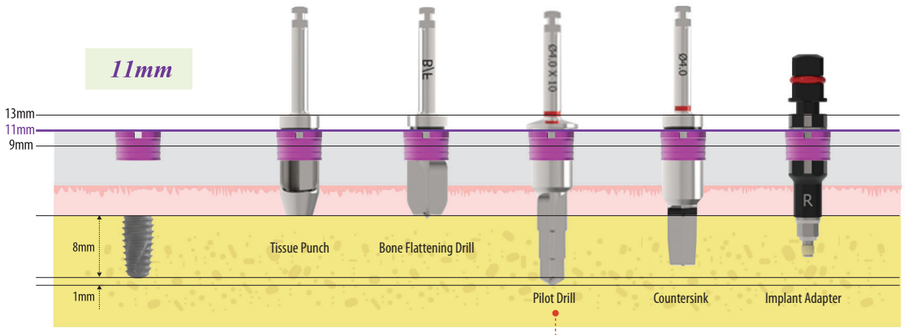
Confirm the surgical report and surgical protocol for the last time.

Comprehension and Usage of Offset

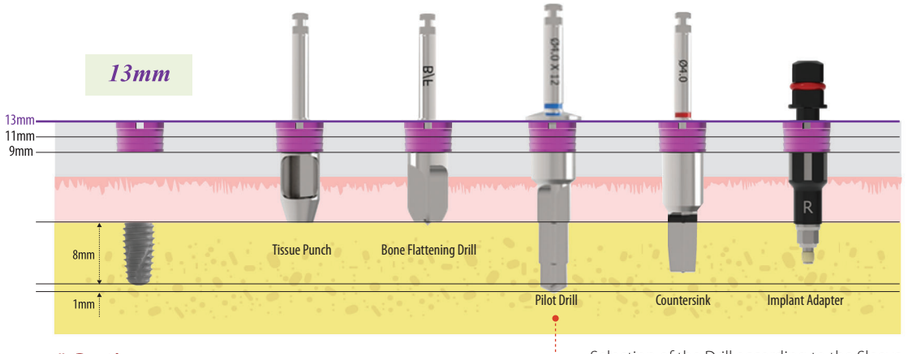
> The basic length from the fixture platform to the top of the Sleeve is 9mm.
> In case that gingiva is thick or fixture needs to be placed deeper due to low bone density, use the Sleeve 2 or 4mm upright to the top.
> The higher offset value, the less accurate it will be, so use 9mm if possible.



Selection of the Drill according to the Sleeve offset (In case of placing 8mm Fixture)
: In case of offset 9mm(0mm) – Select 8mm Drill.



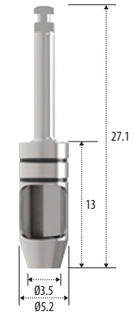
Selection of the Drill according to the Sleeve offset (In case of placing 8mm Fixture)
: In case of offset 11mm(2mm) – Select 10mm Drill.



*** Caution**
Please be noted that actual depth of drilling is 1mm deeper than marks of the Drill.
Ex) 4.0 X 8mm Drill - Drilling depth : 9mm.

Selection of the Drill according to the Sleeve offset (In case of placing 8mm Fixture)
: In case of offset 13mm(4mm) – Select 12mm Drill.

Tissue Punch



KLPTP01

> Used for soft tissue elimination (the gingiva in the position where the implant is to be placed can be incised in a circular shape).
> Hemostatic effect, small scar, fast wound healing affect is occurred after the operation due to small diameter of tissue punch.
> Able to apply offset (9mm, 11mm, 13mm).
> 50 rpm without irrigation.

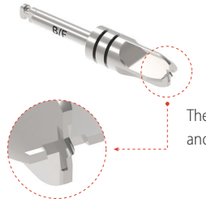
Double blade
The internal cutting edge of the Tissue Punch cuts the gingiva into small pieces so that those can be removed by suction without extra work.

*** Caution** The Tissue Punch must be kept clean. Otherwise, it may cause rust or blade damage due to residual gingival pieces or others in the Tissue Punch after the operation (remove the residual gingiva piece by explorer, steam and etc.).

Bone Flattening Drill

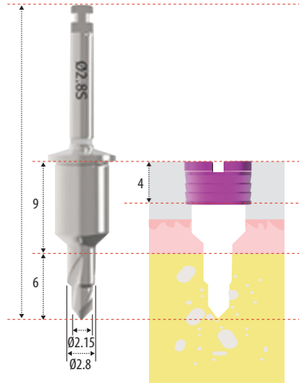
KLPBF01

> Flattens the bone level of operation site.
> Inclined bone level may glide the Drill and can not drill as planned.
> Eliminate the soft tissue after using the Tissue Punch.
> The point in the middle of the Drill guides the position of the Drill and helps to drill in an accurate site.
> Able to apply offset (9mm, 11mm, 13mm).
> 400 rpm without irrigation / 800 rpm with irrigation.



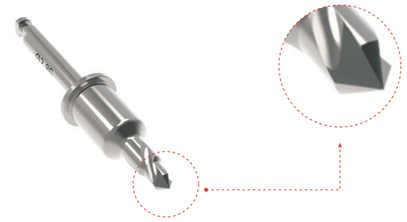
The point in the middle of the Drill guides the position of the Drill and helps to drill in an accurate site.

Initial Drill



KLPID06S

> High speed, 1,000 rpm with irrigation.

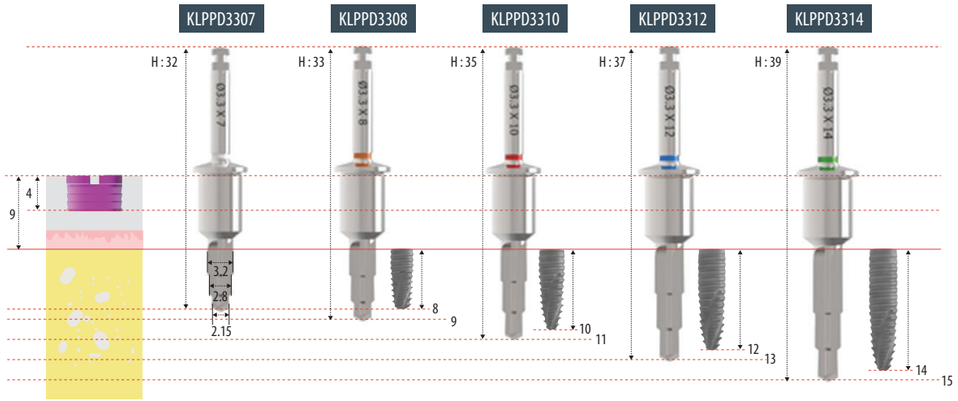


Point
Creates the hole on the bone surface so that the axis of the next step Drill is not moved and it guides the Drill position by preventing slip even at the inclined bone level.

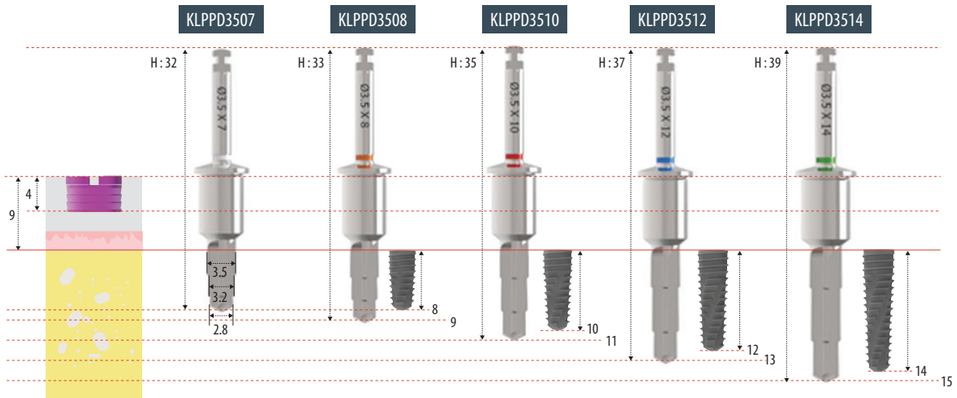
Pilot Drill

> Low speed, 50 rpm without irrigation / 50 N.cm

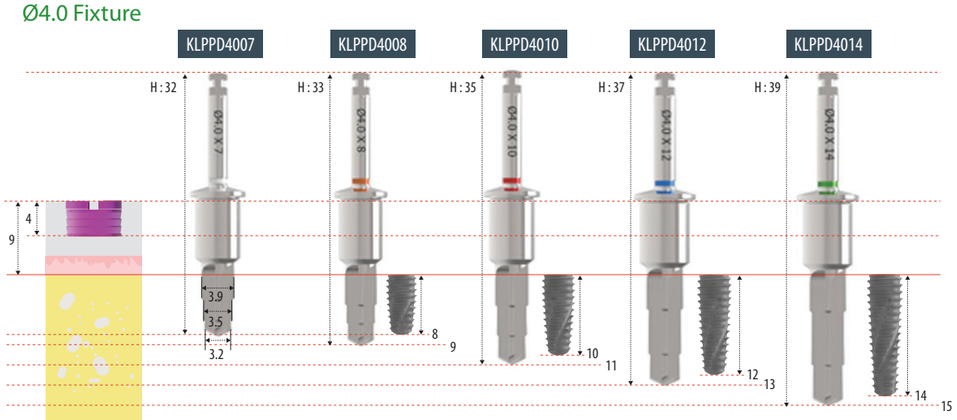
Ø3.1/Ø3.3 Fixture



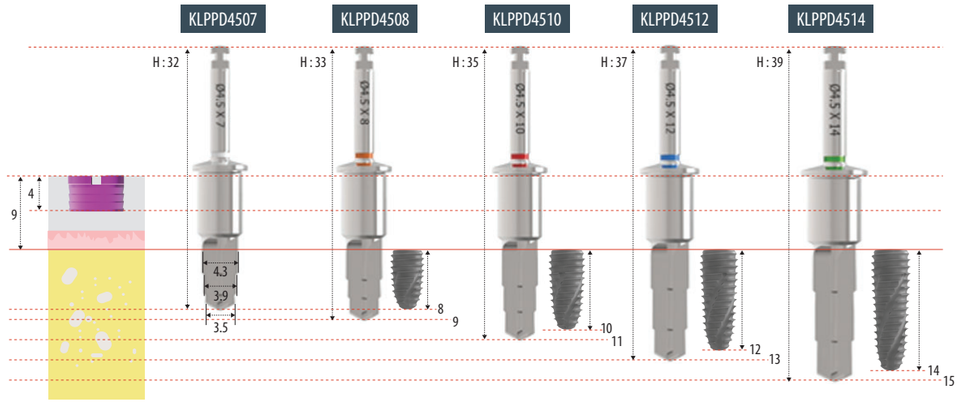
Ø3.5 Fixture



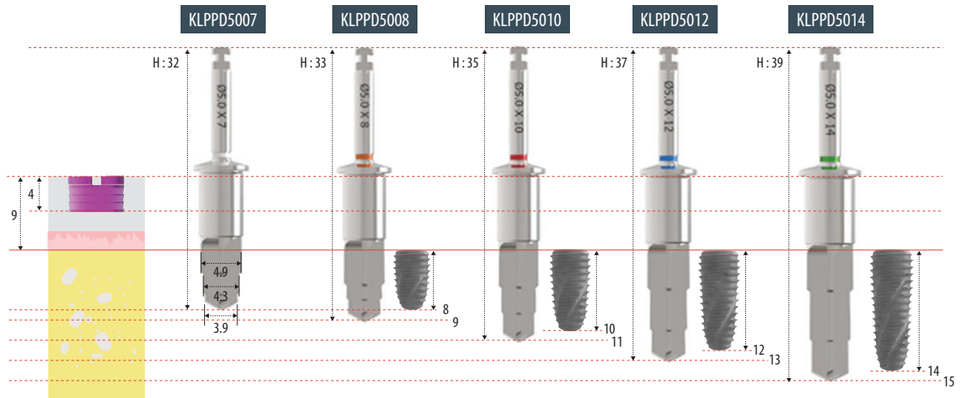
Ø4.0 Fixture



Ø4.5 Fixture

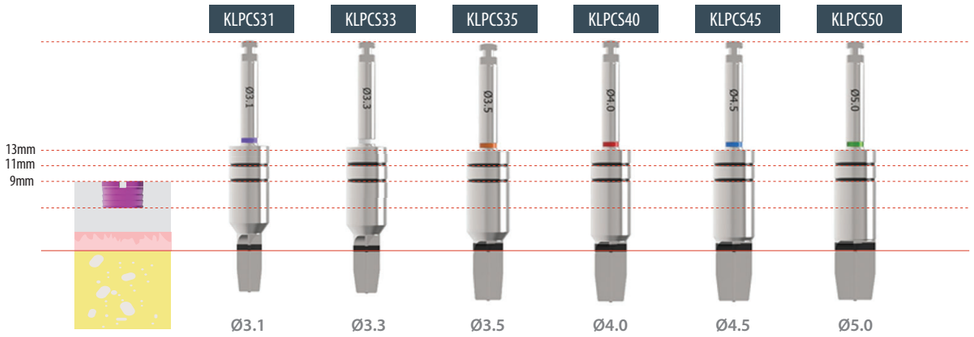


Ø5.0 Fixture



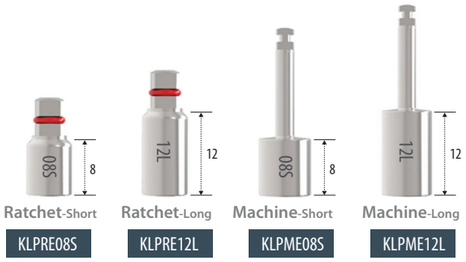
Countersink

> Expand the cortical bone in D1/D2 bone to prevent excessive implantation of the fixture.
> Able to apply offset (9mm, 11mm, 13mm).
> 50 rpm without irrigation.

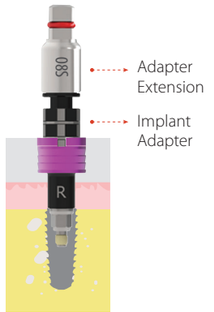


Adapter Extension

> In case the Implant Adapter is too short to use, connect the Ratchet or Machine Adapter Extension to place the fixture.



Ratchet-Short KLPRE08S
Ratchet-Long KLPRE12L
Machine-Short KLPME08S
Machine-Long KLPME12L



Implant Adapter

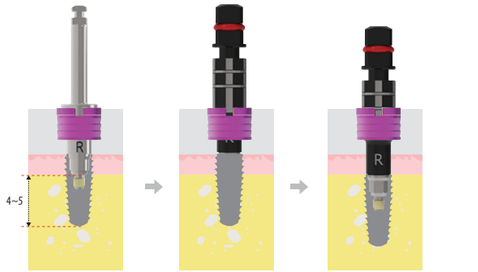
> Move fixture to the Sleeve to implant safely.
> Match the depth of laser marks of the Sleeve offset and Implant Adapter.
> When implanting the fixture, the direction of the Implant Adapter and directional identification groove of the Sleeve are matched, it lines with the hex direction of temporary abutment.
> In case the Implant Adapter can not be removed by cold welding after placing the fixture, hang the crown remover on the groove to remove.

Regular-Stop KLPF01R
Regular-No Stop KLPF02R
Narrow-Stop KLPF01N
Narrow-No Stop KLPF02N

Fixture Driver - Molar

KLPFD21

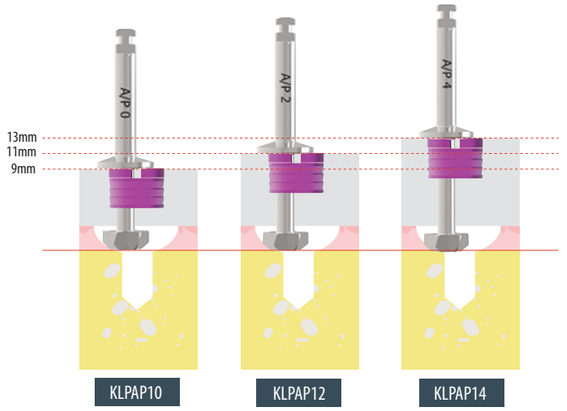
> Use in case the Implant Adapter can not be used due to small size of opened mouth or narrow gap between antagonist tooth.
> After implanting 4~5mm, change to the Implant Adapter to complete placement.



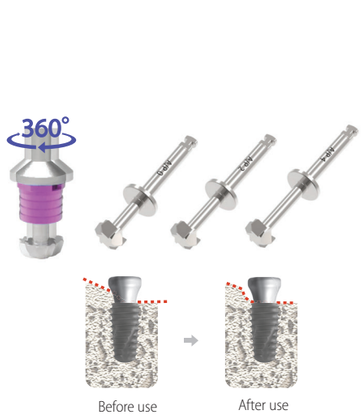
① Place 4~5mm. ② Change to the Implant Adapter. ③ Complete placement.

Abutment Profile

> Used for elimination of the alveolar bone that interferes with the accurate connection of abutment. Remove residual bone by rotating and drilling 360°.
> In case of thick cortical bone, higher the drilling rpm and use with irrigation (within 100 rpm).



KLPAP10 KLPAP12 KLPAP14



Before use After use

V Anchor - Fix Fixture

> Connect the 1.2 Hex Driver to implanted fixture to prevent the movement of the surgical guide template in cases as edentulous.

*** Caution**

- Connect by aligning to the Sleeve offset of connected fixture.
- Basic composition of the Sleeve offset 9mm (11, 13mm extra).

V Anchor - Fix Bone

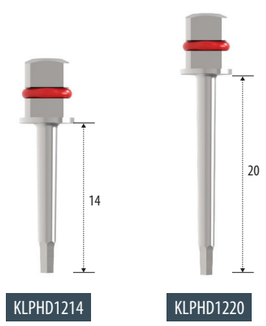
> Fix the V Anchor using the Torque Wrench in the hole made after initial drilling to prevent the movement of the surgical guide template in cases as edentulous.

*** Caution**

- Connect by aligning to the Sleeve offset of connected fixture.
- Basic composition of the Sleeve offset 9mm (11, 13mm extra).

1.2 Hex Ratchet Driver

> Use in case of connecting the Cover Screw or Healing Abutment.

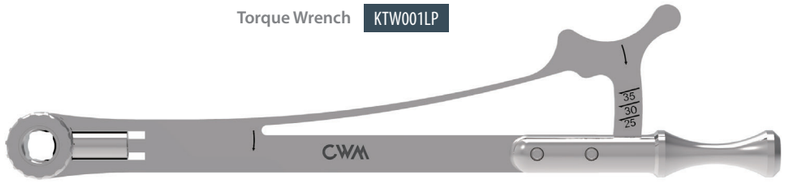


Connect the Adapter Extension if necessary.

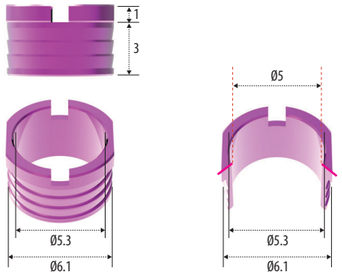
Torque Wrench(Square)

> Use to implant the fixture (Connect to the Implant Adapter).
> Use after connecting to the 1.2 Hex Driver.
> Use after connecting to the V Anchor (Fix Bone).

Torque Wrench **KTW001LP**



Sleeve *Extra*



Closed Sleeve

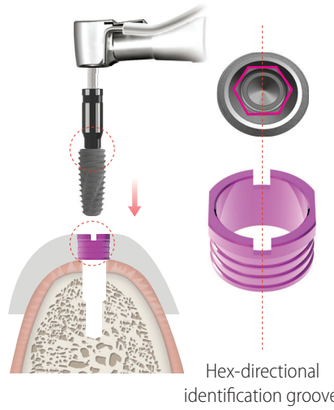
KLPS01

* Packing Unit : 5 Sleeves

Open Sleeve

KLPS02

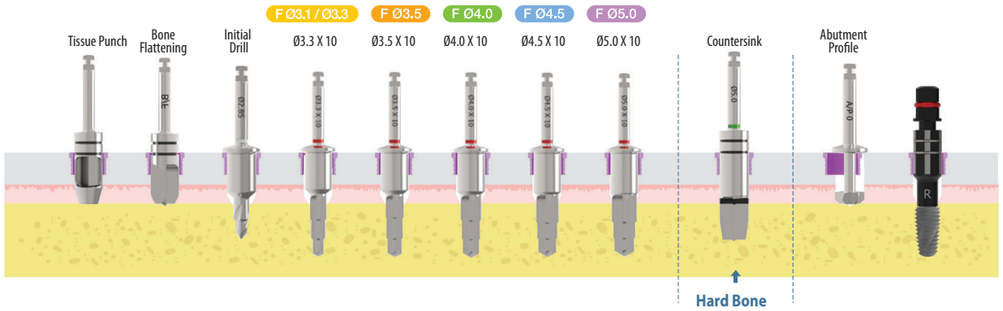
* Packing Unit : 5 Sleeves



Hex-directional identification groove.

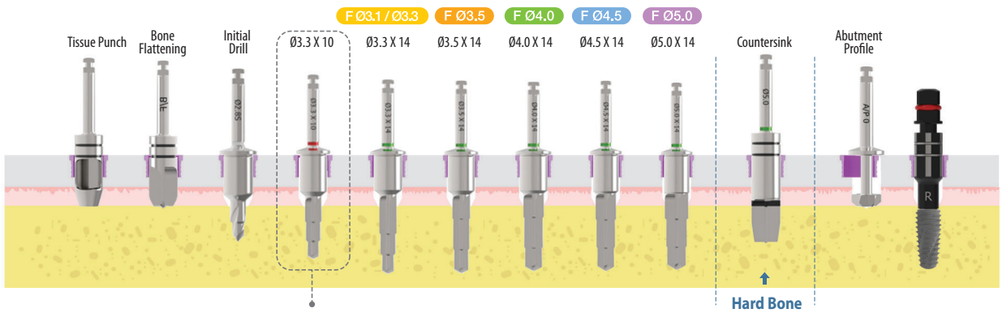
Drill Protocol (7~10mm)

INNO Sub Fixture Ø5 x 10mm



Drill Protocol(12~14mm)

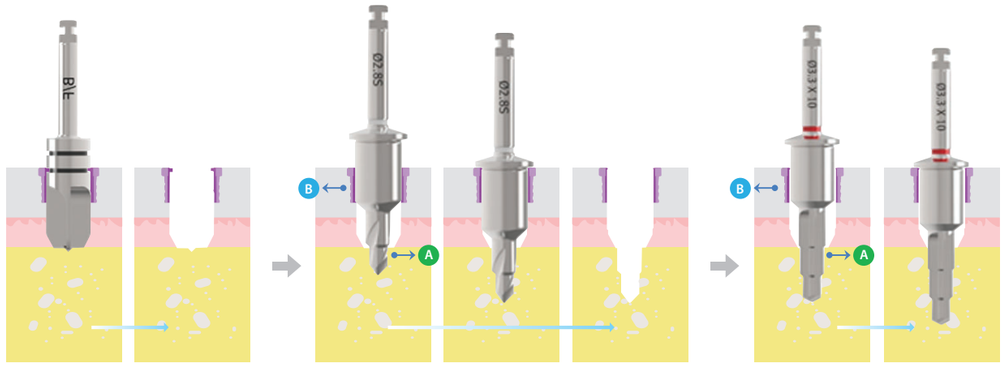
INNO Sub Fixture Ø5 x 14mm



8~10mm drilling should be done in advance for the sleeve contact.

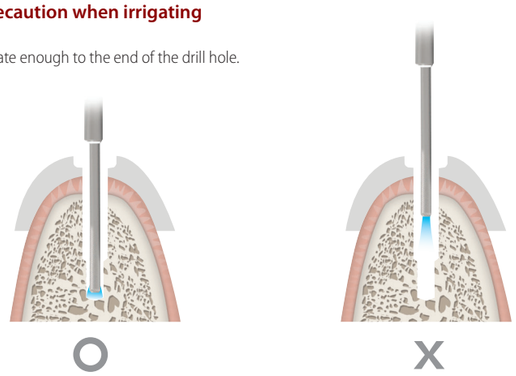
*** Drilling method**

- Make sure with drilling in a desired direction without a change in path through the primary drill contact (A) with the hole created by the previous drilling and the secondary contact (B) with the sleeve.
- Create the hole using the initial drill and insert the next drill into the hole made during the previous step and drill after achieving the drill and sleeve contact (A&B).
- If drilling only with the sleeve contact (B) without the drill contact (A), the path may not be correct.



*** Precaution when irrigating**

- Irrigate enough to the end of the drill hole.



O

X

InnoFit® Lodestar Kit [KLS001]

> A cost-effective guided surgery solution applicable to various types of clinical cases.
> Universal to any implant system.

Ø2.0 X 7 Ø2.0 X 8 Ø2.0 X 10 Ø2.0 X 12 Ø2.0 X 14

Pilot Drill(Ø2.0)

KLSPD2007 KLSPD2008 KLSPD2010 KLSPD2012 KLSPD2014

Ø2.7 X 7 Ø2.7 X 8 Ø2.7 X 10 Ø2.7 X 12 Ø2.7 X 14

Pilot Drill(Ø2.7)

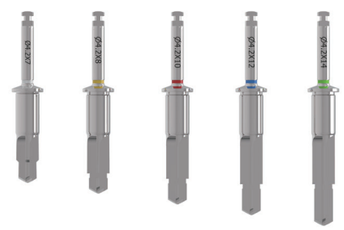
KLSPD2707 KLSPD2708 KLSPD2710 KLSPD2712 KLSPD2714

Ø3.4 X 7 Ø3.4 X 8 Ø3.4 X 10 Ø3.4 X 12 Ø3.4 X 14

Pilot Drill(Ø3.4)

KLSPD3407 KLSPD3408 KLSPD3410 KLSPD3412 KLSPD3414

Ø4.2 X 7 Ø4.2 X 8 Ø4.2 X 10 Ø4.2 X 12 Ø4.2 X 14



Pilot Drill(Ø4.2)

KLSPD4207 KLSPD4208 KLSPD4210 KLSPD4212 KLSPD4214

Tissue Punch

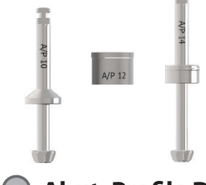
KLSTP45

10mm 12,14mm

Initial Drill

KLSID18 KLSID18L

10mm 12mm Stopper 14mm



Abut. Profile Drill

KLSPD10 KLSPD12S KLSPD14

Drill Extension

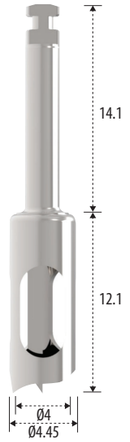
KDE002

Anchor System

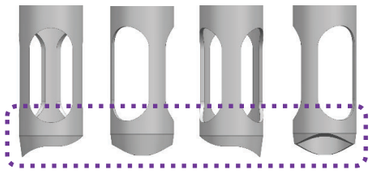
KLSAD13 KLSAS18 KLSMD23 KLSRD16

Tissue Punch

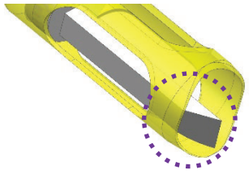
> The gingiva in the position where the implant is to be placed can be incised in a circular shape, and it can also be used in inclined bones (50 rpm without irrigation).



KLSTP45



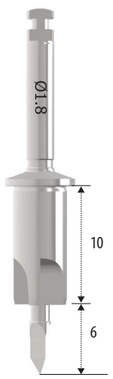
The gingiva can be incised in a circular shape although bone level is inclined or not parallel.



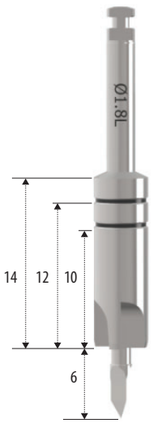
The internal cutting edge of the Tissue Punch cuts the gingiva into small pieces so that those can be removed by suction without extra work.

Initial Drill

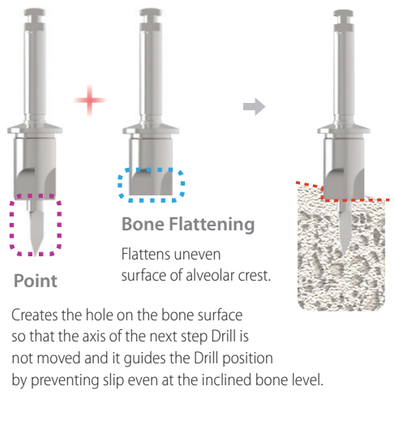
> The Drill combined with Bone Flattening Drill and Point Drill which no separate Bone Flattening Drill is required provides simper procedure and shorter chair time (1,000 rpm with irrigation).



KLSID18



KLSID18L

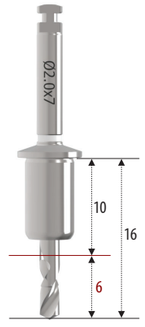


Creates the hole on the bone surface so that the axis of the next step Drill is not moved and it guides the Drill position by preventing slip even at the inclined bone level.

Pilot Drill

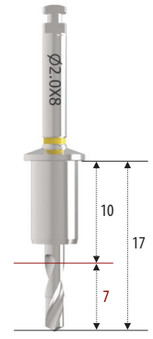
> Ø2.0 / Ø2.7 / Ø3.4 / Ø4.2.

Ø2.0 : High Speed - 600 rpm



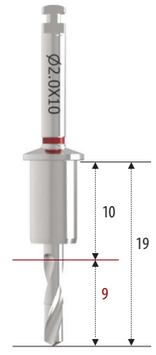
Pilot Drill 16mm(**6mm**)

KLSPD2007



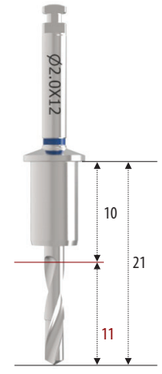
Pilot Drill 17mm(**7mm**)

KLSPD2008



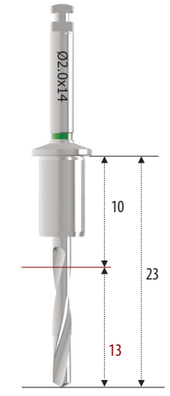
Pilot Drill 19mm(**9mm**)

KLSPD2010



Pilot Drill 21mm(**11mm**)

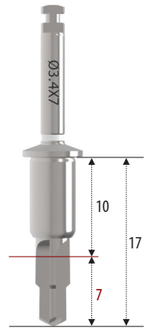
KLSPD2012



Pilot Drill 23mm(**13mm**)

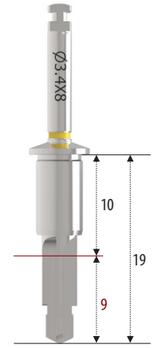
KLSPD2014

Ø2.7 / Ø3.4 / Ø4.2 : Low Speed - 50~200 rpm / 50 N.cm



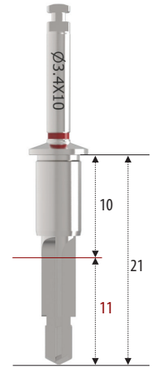
Pilot Drill 17mm(**7mm**)

KLSPD2707
KLSPD3407
KLSPD4207



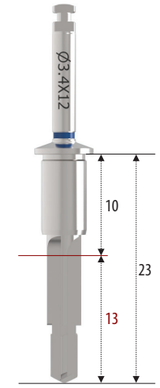
Pilot Drill 19mm(**9mm**)

KLSPD2708
KLSPD3408
KLSPD4208



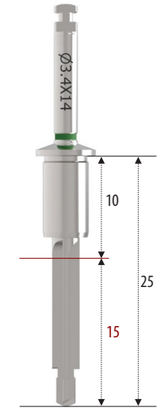
Pilot Drill 21mm(**11mm**)

KLSPD2710
KLSPD3410
KLSPD4210



Pilot Drill 23mm(**13mm**)

KLSPD2712
KLSPD3412
KLSPD4212

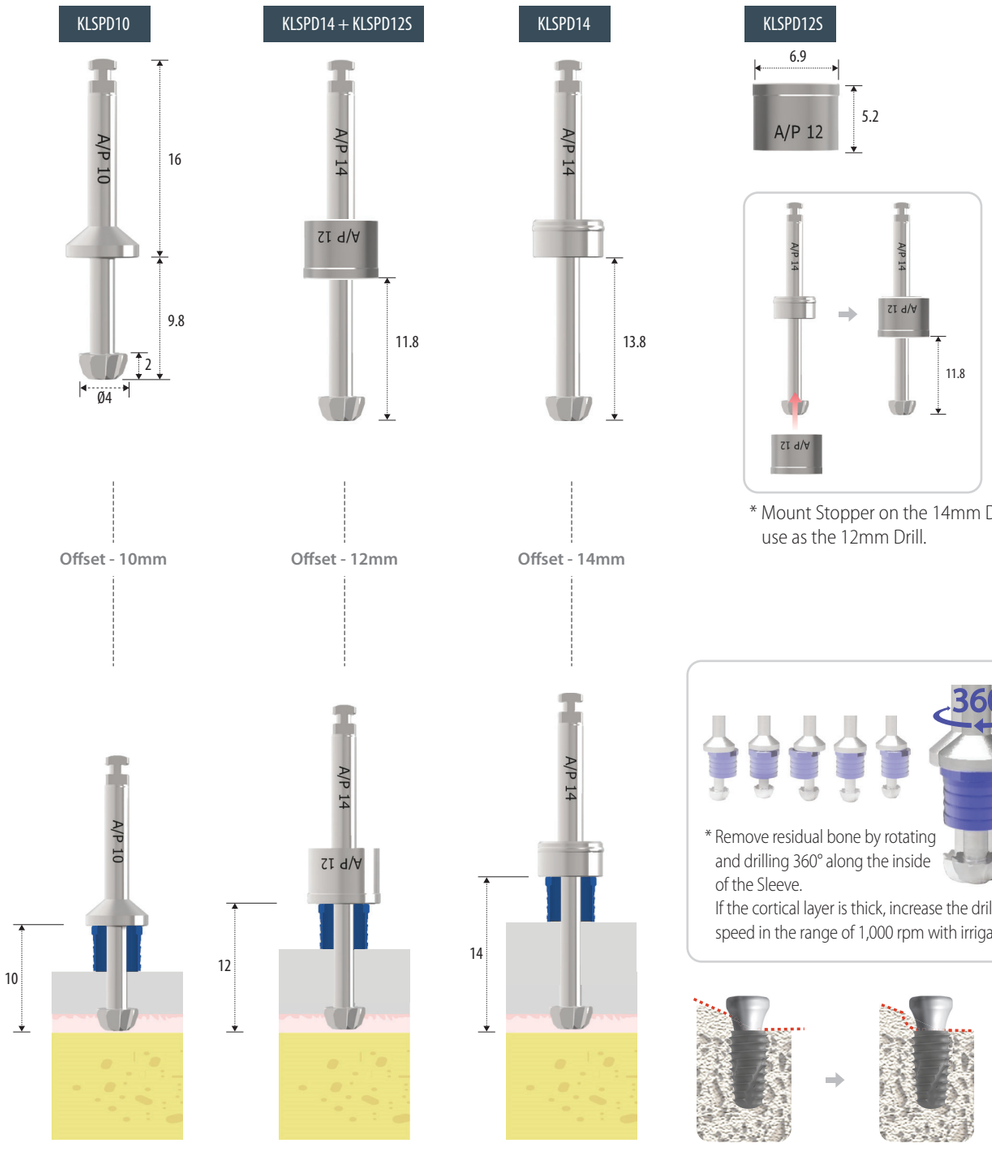


Pilot Drill 25mm(**15mm**)

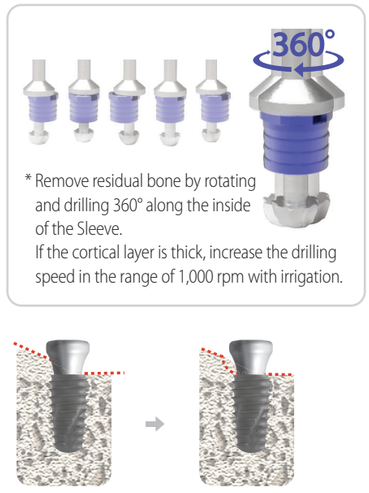
KLSPD2714
KLSPD3414
KLSPD4214

Abutment Profile

> Used for elimination of the alveolar bone that interferes with the accurate connection of abutment.

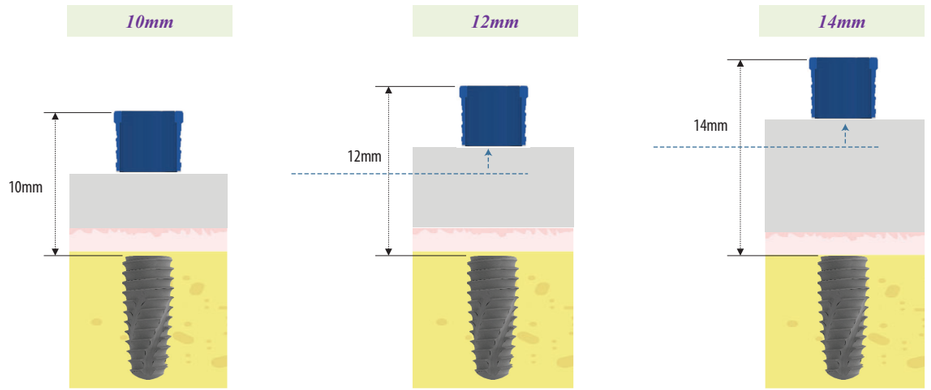


* Mount Stopper on the 14mm Drill to use as the 12mm Drill.

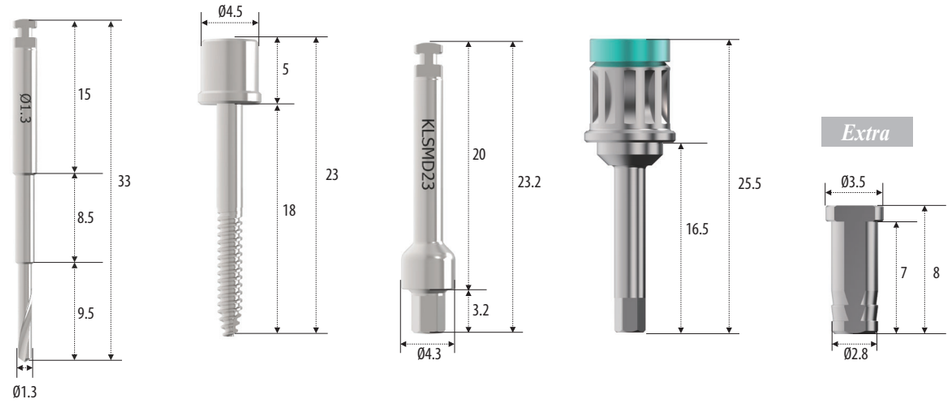


* Offset length setting

- The basic length from the fixture platform to the top of the Sleeve is 10mm.
- In case that gingival is thick or fixture needs to be placed deeper due to low bone density, use the Sleeve 2 or 4mm upright to the top.
- The higher offset value, the less accurate it will be, so use 10mm if possible.



Anchor System



Anchor Drill	Anchor Screw	Anchor Driver	Anchor Driver	Anchor Sleeve
KLSAD13	KLSAS18	KLSMD23	KLSRD16	KLSAS01

* Packing Unit : 5 Sleeves

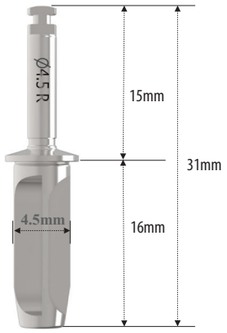
Optional

> These products are optional as extra ones which are not included in the kit.

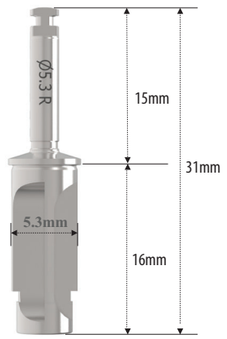
Guide Reamer Extra

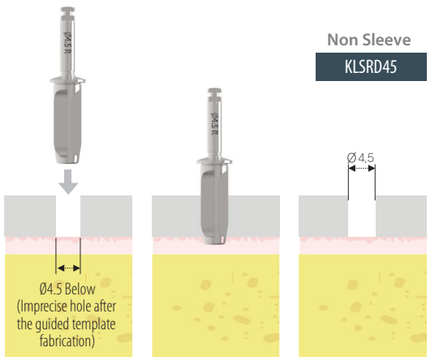
Used for precise contact of Drill and Sleeve (Sleeve / Non Sleeve).
Use the 4.5mm Guide Reamer for Non Sleeve, and the 5.3 Guide Reamer for Sleeve (800 rpm without irrigation).

Guide Reamer (Non Sleeve)
KLSRD45

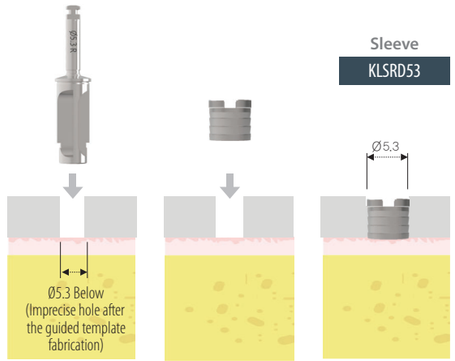


Guide Reamer (Sleeve)
KLSRD53



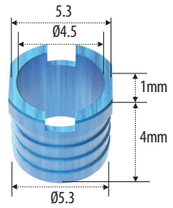


Revises imprecisely formed hole after the guided template fabrication using the 4.5 Guide Reamer to create the hole to be in exact contact with the Drill.

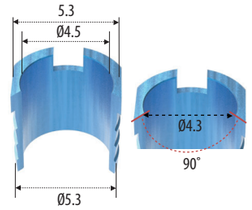


Revises imprecisely formed hole after the guided template fabrication using the 5.3mm Guide Reamer to precisely insert the Sleeve.

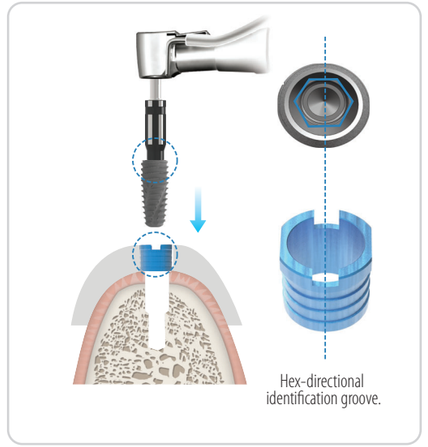
Sleeve Extra



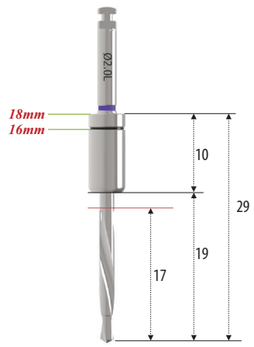
Closed Sleeve
KLSS01
* Packing Unit : 5 Sleeves



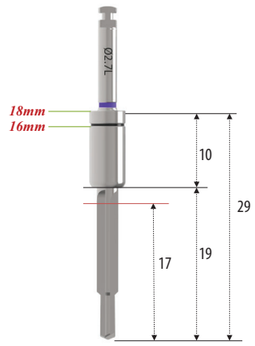
Open Sleeve
KLSS02
* Packing Unit : 5 Sleeves



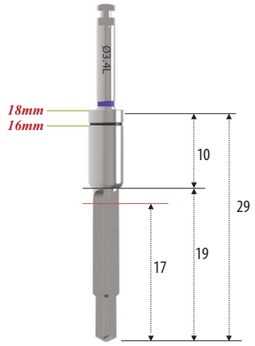
Pilot Drill – 16/18mm Extra



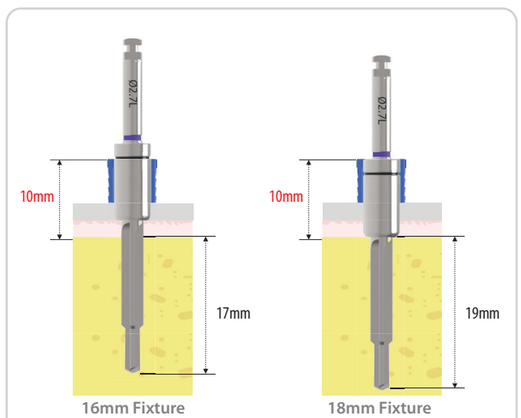
KLSPD2018



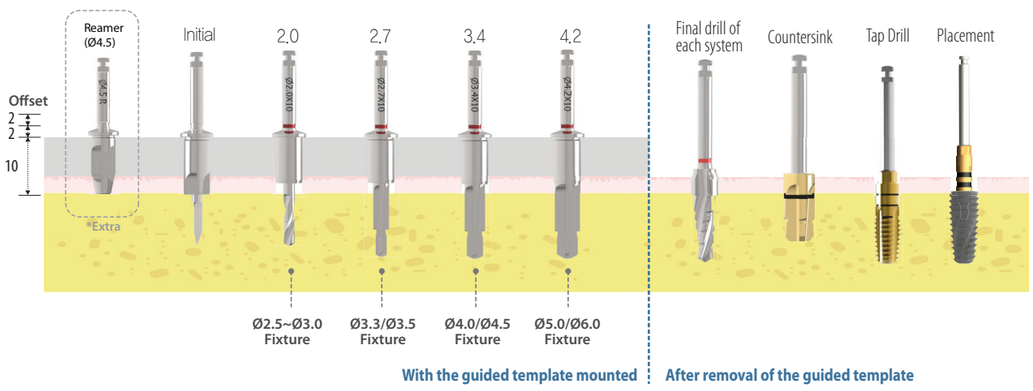
KLSPD2718



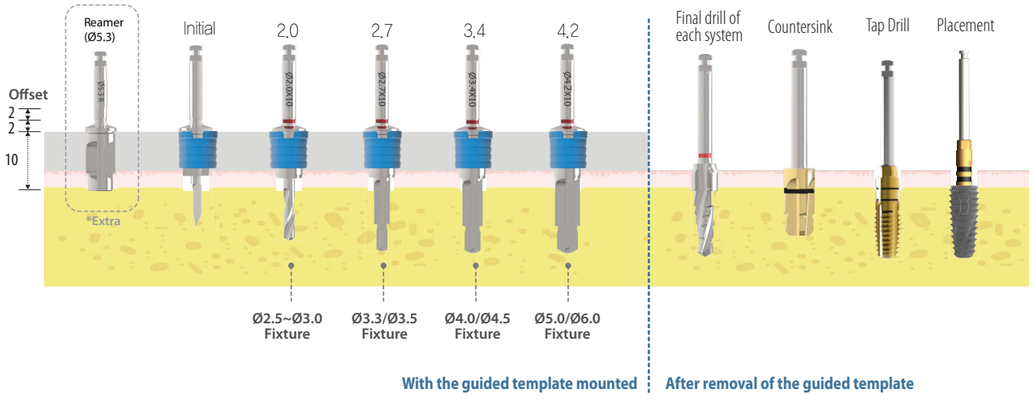
KLSPD3418



Drill Protocol (Non Sleeve)



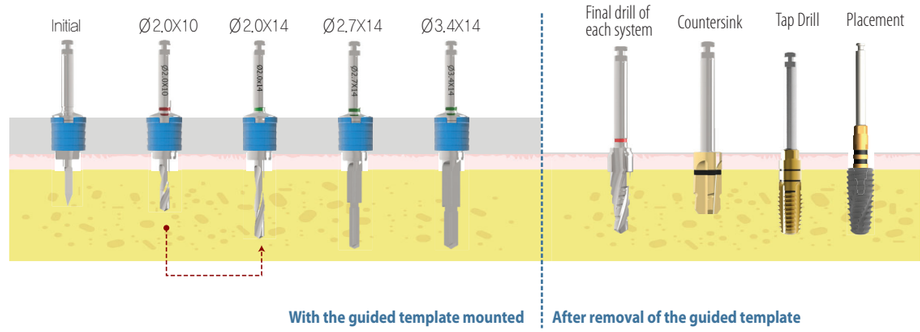
Drill Protocol (Sleeve)



*** The 14mm Drill must be used after using the 10mm Drill to enable Sleeve contact**

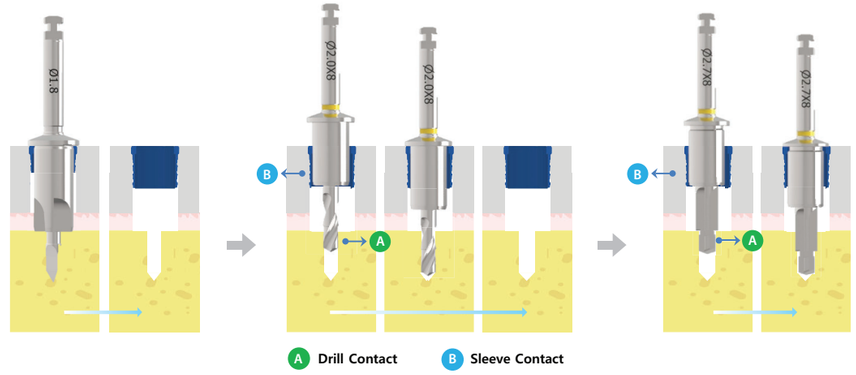
For the use of the 14mm Drill with exact contact to the Sleeve, use the Ø2.0x10mm Drill first before using the 14mm Drill.

e.g.) 3.4 X 14mm Drilling Sequence



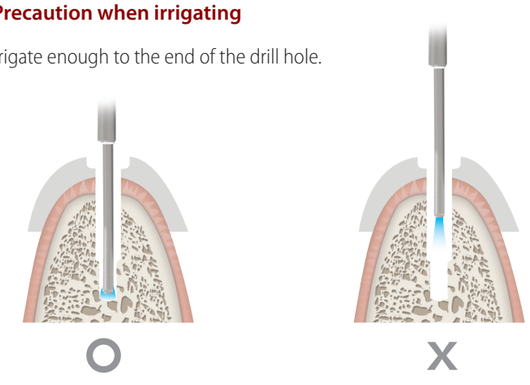
*** Drilling method**

- Make sure with drilling in a desired direction without a change in path through the primary Drill contact (A) with the hole created by the previous drilling and the secondary contact (B) with the Sleeve.
- Create the hole using the Initial Drill and insert the next drill into the hole made during the previous step and Drill after achieving the Drill and Sleeve contact (A&B).
- If drilling only with the Sleeve contact (B) without the Drill contact (A), the path may not be correct.



*** Precaution when irrigating**

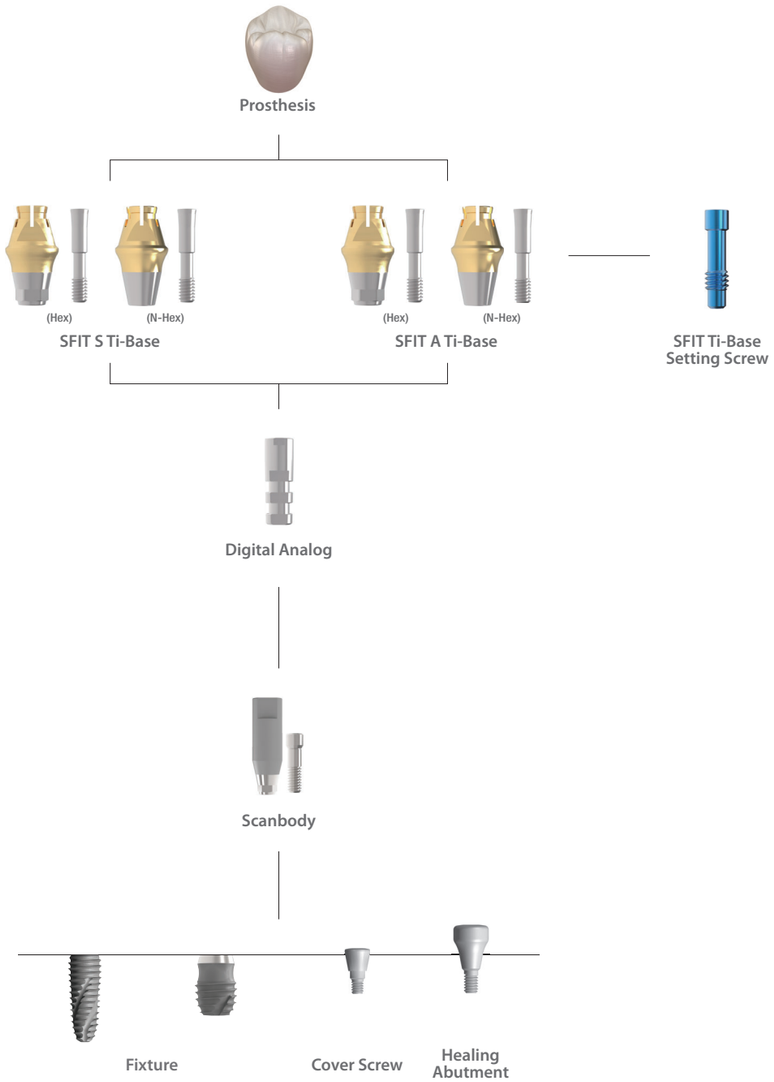
- Irrigate enough to the end of the drill hole.



Component selection guide for the Sub. SFIT Ti-Base System

Intra-oral scanning procedure

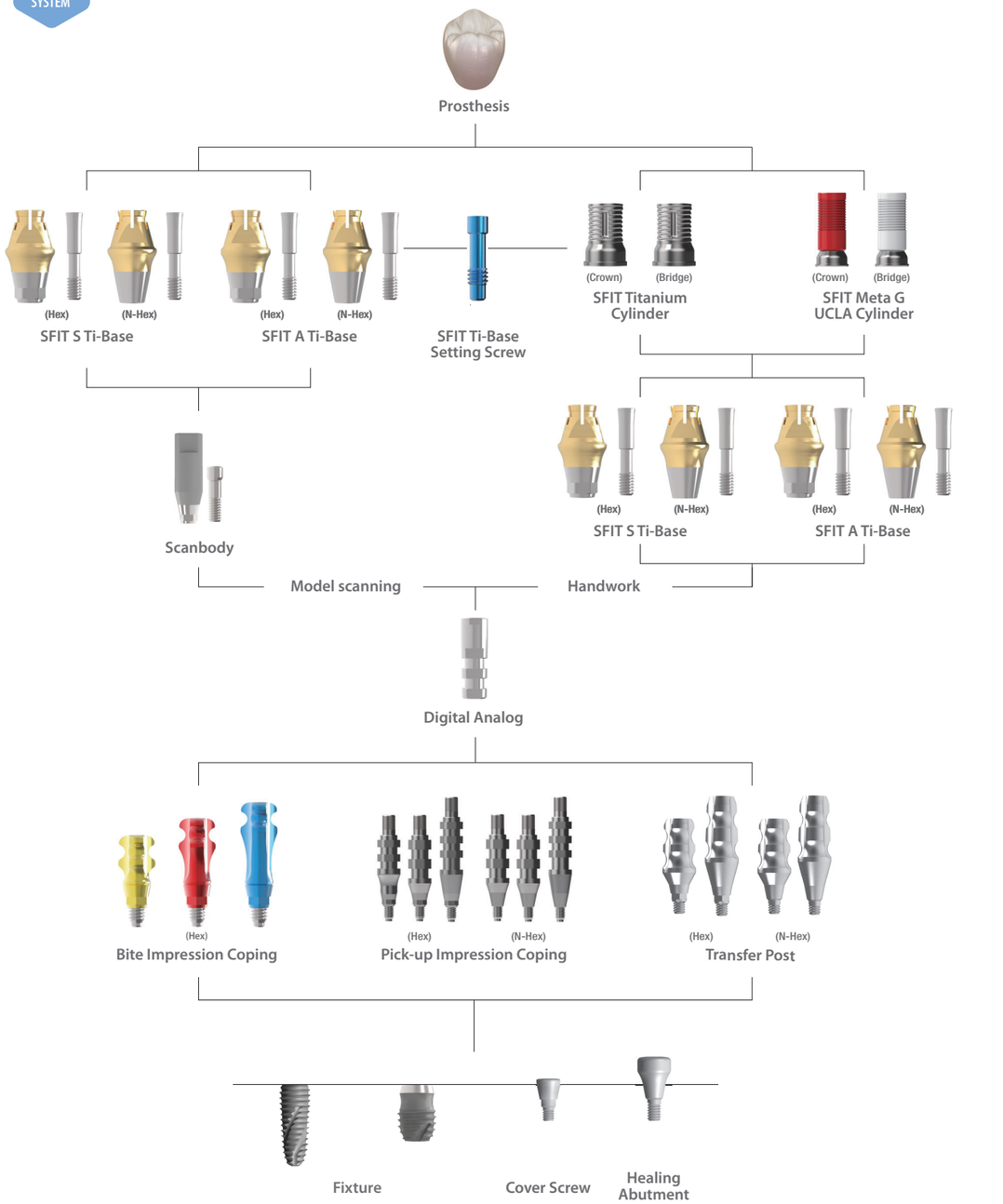
SUB. HEXAGON SYSTEM



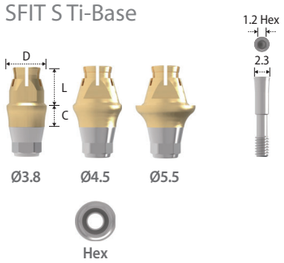
Component selection guide for the Sub. SFIT Ti-Base System

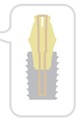
- Model-scanning
- Handwork procedure

SUB. HEXAGON SYSTEM



SFIT S Ti-Base

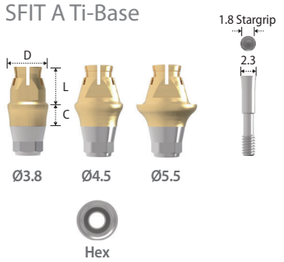


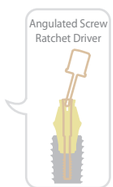


Type	Hex			N-Hex		
Diameter	Ø3.8	Ø4.5	Ø5.5	Ø3.8	Ø4.5	Ø5.5
Length / *Cuff*	3.6	3.6	3.6	3.6	3.6	3.6
1	2SSFH38135	2SSFH45135	2SSFH55135	2SSFN38135	2SSFN45135	2SSFN55135
2	2SSFH38235	2SSFH45235	2SSFH55235	2SSFN38235	2SSFN45235	2SSFN55235
3	2SSFH38335	2SSFH45335	2SSFH55335	2SSFN38335	2SSFN45335	2SSFN55335
4	2SSFH38435	2SSFH45435	2SSFH55435	2SSFN38435	2SSFN45435	2SSFN55435

> Packing unit: 1 SFIT S Ti-Base + 1 SFIT S Ti-Base Screw.
> For Screw Retained Prosthesis with straight screw channel.
> Gold color for more translucent restoration.
> Library available for EXOCAD®, 3Shape® & others.
> Connected with the SFIT S Ti-Base Screw.
> Tightened with the 1.2 Hex Ratchet Driver and Torque Wrench.
> Tightening torque force: 30 N.cm.
> Use the SFIT Scanbody for digital workflow.
> Fixture level impression.

SFIT A Ti-Base

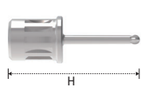




Type	Hex			N-Hex		
Diameter	Ø3.8	Ø4.5	Ø5.5	Ø3.8	Ø4.5	Ø5.5
Length / *Cuff*	3.6	3.6	3.6	3.6	3.6	3.6
1	2SSFH38135A	2SSFH45135A	2SSFH55135A	2SSFN38135A	2SSFN45135A	2SSFN55135A
2	2SSFH38235A	2SSFH45235A	2SSFH55235A	2SSFN38235A	2SSFN45235A	2SSFN55235A
3	2SSFH38335A	2SSFH45335A	2SSFH55335A	2SSFN38335A	2SSFN45335A	2SSFN55335A
4	2SSFH38435A	2SSFH45435A	2SSFH55435A	2SSFN38435A	2SSFN45435A	2SSFN55435A

> Packing unit: 1 SFIT A Ti-Base + 1 SFIT A Ti-Base Screw.
> For Screw Retained Prosthesis with angulated screw channel.
> Gold color for more translucent restoration.
> Library available for EXOCAD®, 3Shape® & others.
> Connected with the SFIT A Ti-Base Screw.
> Tightened with the Angulated Screw Ratchet Driver and Torque Wrench.
> Tightening torque force: 30 N.cm.
> Use the SFIT Scanbody for digital workflow.
> Fixture level impression.

* Angulated Screw Ratchet Driver



Height / *Type*	Ratchet
24(Short)	KRBUD15
29(Long)	KRBUD20

> Stable to internal slip or fracture due to wide contact area of the Angulated Driver and the dedicated Stargrip Abutment Screw.
> Tightening torque force : 30 N.cm (50 N.cm Max.).

SFIT S Ti-Base Screw

SFIT Ti-Base Cuff	1	2	3	4
Height / *Diameter*	10.6	11.6	12.6	13.6
Ø2.3	2SSFS10S35	2SSFS20S35	2SSFS30S35	2SSFS40S35

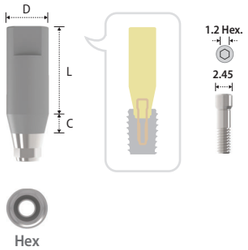
> Packing unit: 1 SFIT S Ti-Base Screw.
> Used to connect the SFIT S Ti-Base.
2SSFS10S35: SFIT S Ti-Base with Cuff 1, 2SSFS20S35: SFIT S Ti-Base with Cuff 2,
2SSFS30S35: SFIT S Ti-Base with Cuff 3, 2SSFS40S35: SFIT S Ti-Base with Cuff 4.
> Tightened with the 1.2 Hex Ratchet Driver and Torque Wrench.

SFIT A Ti-Base Screw

SFIT Ti-Base Cuff	1	2	3	4
Height / *Diameter*	10.6	11.6	12.6	13.6
Ø2.3	2SSFS10A35	2SSFS20A35	2SSFS30A35	2SSFS40A35

> Packing unit: 1 SFIT A Ti-Base Screw.
> Used to connect the SFIT A Ti-Base.
2SSFS10A35: SFIT A Ti-Base with Cuff 1, 2SSFS20A35: SFIT A Ti-Base with Cuff 2,
2SSFS30A35: SFIT A Ti-Base with Cuff 3, 2SSFS40A35: SFIT A Ti-Base with Cuff 4.
> Tightened with the Angulated Screw Ratchet Driver and Torque Wrench.

Scanbody



Type	Hex
Diameter	Ø4.3
Length / *Cuff*	8
2	2SSB4329

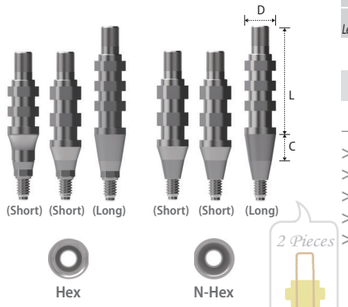
> Packing unit: 1 Scanbody + 1 Abutment Screw.
> For both intra-oral scanning and model-scanning.
> Made of 100% titanium alloy with a special coating applied.
> No need to spray.
> Connected with the Abutment Screw (2SSHR100).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

Bite Impression Coping

Type	Hex(Short)	Hex(Long)	Hex(X-Long)
Diameter	Ø4.5	Ø4.5	Ø4.5
Cuff / *Length*	2	4	6
4.0	2SBIC45S	2SBIC45L	2SBIC45X

> Packing unit: 1 Bite Impression Coping + 1 Guide Guide Pin (inbuilt).
> Designed to simultaneously take bite and impression.
> For closed tray impression (bite impression).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

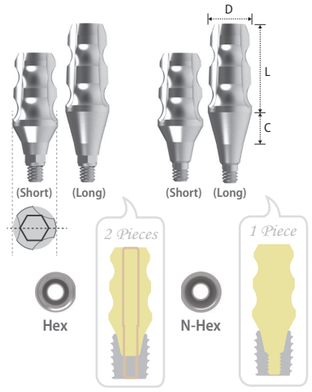
Pick-up Impression Coping



Type	Hex			N-Hex		
Diameter / Length / Cuff	Ø4.5	Ø5.5	Ø6.5	Ø4.5	Ø5.5	Ø6.5
14 (Short) / 4	2SIH454S	2SIH554S	2SIH654S	2SIN454S	2SIN554S	2SIN654S
14 (Short) / 2	2SIH45S	2SIH55S	2SIH65S	2SIN45S	2SIN55S	2SIN65S
16 (Long) / 4	2SIH45L	2SIH55L	2SIH65L	2SIN45L	2SIN55L	2SIN65L

> Packing unit : 1 Pick-up Impression Coping + 1 Guide Pin.
> For open tray impression.
> Connected with the Guide Pin (2SISR001SS / 2SISR001SL).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

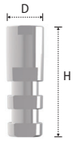
Transfer Post



Type	Hex			N-Hex		
Diameter / Length / Cuff	Ø4.5	Ø5.5	Ø6.5	Ø4.5	Ø5.5	Ø6.5
9 (Short) / 2	2STH45S	2STH55S	2STH65S	2STN45S	2STN55S	2STN65S
11 (Long) / 4	2STH45L	2STH55L	2STH65L	2STN45L	2STN55L	2STN65L

> Packing unit : Hex - 1 Transfer Post + 1 Guide Pin / N-Hex - 1 Transfer Post (Solid Type).
> For open tray impression.
> Connected with the Guide Pin (2STH001SS / 2STH001SL).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

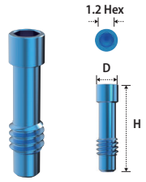
Digital Analog



Height \ Diameter	Ø3.9
12	2SDR001

> Packing unit: 1 Digital Analog.
> Analog of fixture for working cast.
> Used for both 3D printed model (RP) and stone model.

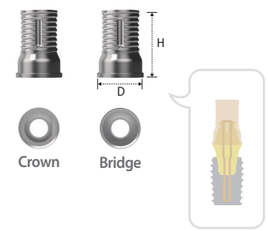
SFIT Ti-Base Setting Screw



Height \ Diameter	Ø1.95
8.2	2SSFSS100

> Packing unit: 5 SFIT Ti-Base Setting Screws.
> Used to screw the SFIT S or A Ti-Base into the Digital Analog or the Fixture when revising such prosthetic adaptions as shape, contact surface, occlusion and margin without giving a force to the head of the SFIT Ti-Base S or A Ti-Base to spread and fit in the inner space of the prosthesis.
> Tightened with the 1.2 Hex Ratchet Driver.

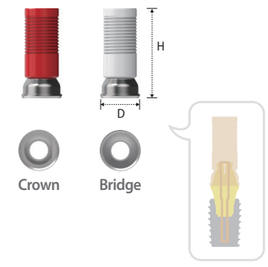
SFIT Titanium Cylinder



Type	Crown			Bridge		
SFIT Ti-Base Diameter	Ø3.8	Ø4.5	Ø5.5	Ø3.8	Ø4.5	Ø5.5
Diameter / Height	Ø4.1	Ø4.8	Ø5.8	Ø4.1	Ø4.8	Ø5.8
7	2SSFTC3835H	2SSFTC4535H	2SSFTC5535H	2SSFTC3835N	2SSFTC4535N	2SSFTC5535N

> Packing unit: 1 SFIT Titanium Cylinder.
> Used over both SFIT S or A Ti-Base and SFIT Absolute S or A Ti-Base.
> For provisional and permanent restorations.
> Connected with the SFIT S or A Ti-Base Screw and SFIT Absolute S or A Ti-Base Screw.
> Tightened with the 1.2 Hex Ratchet Driver and Torque Wrench.
> Tightening torque force: 30 N.cm.

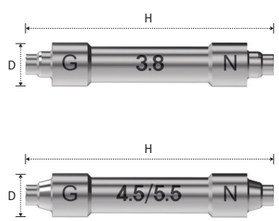
SFIT Meta G UCLA Cylinder



Type	Crown			Bridge		
SFIT Ti-Base Diameter	Ø3.8	Ø4.5	Ø5.5	Ø3.8	Ø4.5	Ø5.5
Diameter / Height	Ø4.3	Ø5.0	Ø5.7	Ø4.3	Ø5.0	Ø5.7
11.4	2SSFC3835C	2SSFC4535C	2SSFC5535C	2SSFC3835B	2SSFC4535B	2SSFC5535B

> Packing unit: 1 SFIT Meta G UCLA Cylinder.
> Used over both SFIT S or A Ti-Base and SFIT Absolute S or A Ti-Base.
> Modifiable to various types of abutments.
> CCM alloy core for precise connection.
> Cast with non-precious metal or gold alloy.
> Connected with the SFIT S or A Ti-Base Screw and SFIT Absolute S or A Ti-Base Screw.
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 30 N.cm.

SFIT Gono Gauge



SFIT Ti-Base Diameter	Ø3.8	Ø4.5 & Ø5.5
Diameter / Height	Ø5.5	Ø5.5
32	2SSFGNG	

> Packing unit: 2 SFIT Gono Gauge (1 3.8 SFIT Gono Gauge, 1 4.5 & 5.5 SFIT Gono Gauge).
> Used to check whether the inner milling is done correctly when fabricating the crown.

When fastening in the G(Go) direction, the contact point with the crown must fit.

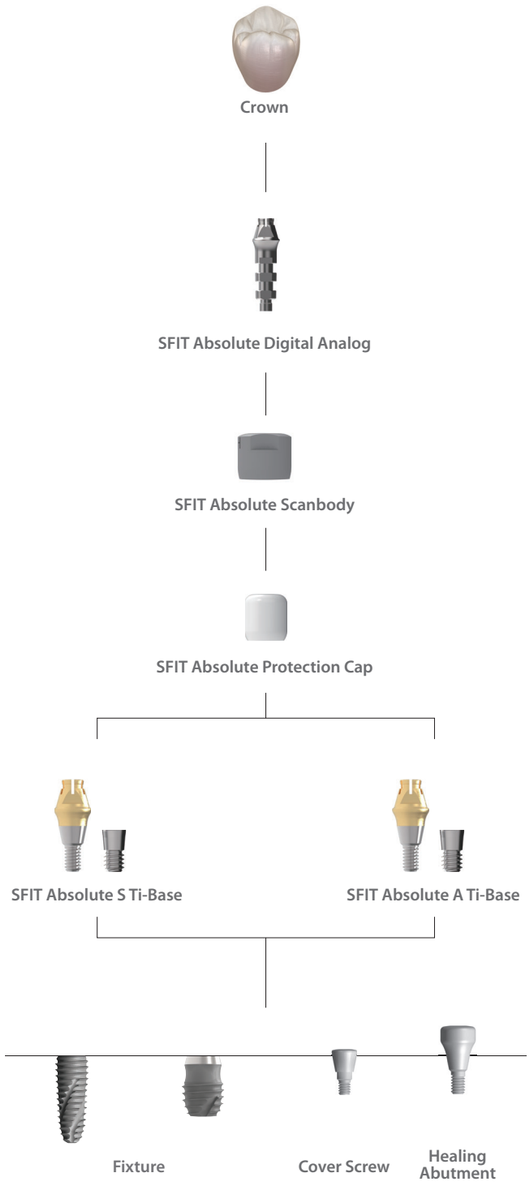
When tightening in the N(No) direction, the contact point with the crown must misfit.

* Refer to the SFIT Ti-Base System Catalog for details.

Component selection guide for the Sub. SFIT Absolute Ti-Base System

Intra-oral scanning procedure

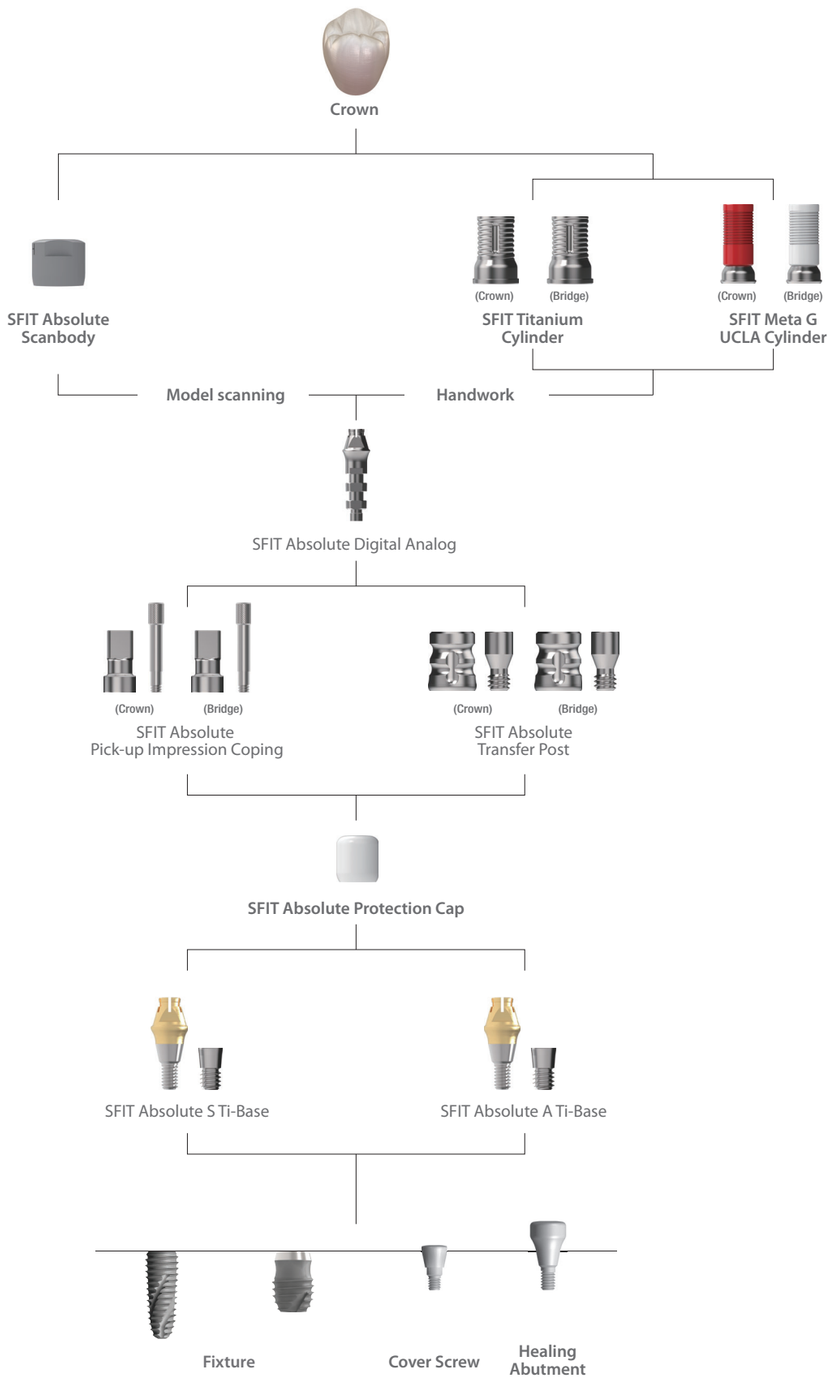
SUB. HEXAGON SYSTEM



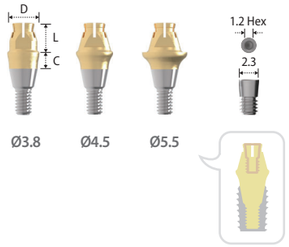
Component selection guide for the Sub. SFIT Absolute Ti-Base System

- Model-scanning
- Handwork procedure

SUB. HEXAGON SYSTEM



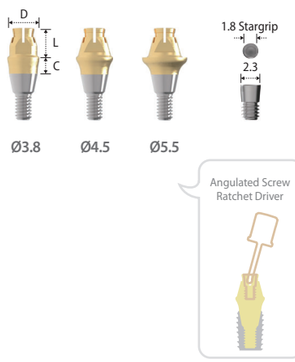
SFIT Absolute S Ti-Base



Diameter / Length / Cuff	Ø3.8	Ø4.5	Ø5.5
	3.6	3.6	3.6
1	2SSF38135	2SSF45135	2SSF55135
2	2SSF38235	2SSF45235	2SSF55235
3	2SSF38335	2SSF45335	2SSF55335
4	2SSF38435	2SSF45435	2SSF55435

> Packing unit: 1 SFIT Absolute S Ti-Base + 1 SFIT Absolute S Ti-Base Screw.
> For Screw Retained Prosthesis with straight screw channel.
> Gold color for more translucent restoration.
> Library available for EXOCAD®, 3Shape® & others.
> Integrated with the Screw and Ti-Base (solid screw).
> Tightened with the 1.2 Hex Ratchet Driver or Absolute Ratchet Driver and Torque Wrench.
> Prosthesis is connected to the SFIT Absolute S Ti-Base by the SFIT Absolute S Ti-Base Screw using the 1.2 Hex Ratchet Driver.
> Tightening torque force: 30 N.cm.
> Use the SFIT Absolute Scanbody for digital flow.
> Abutment level impression.

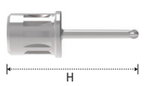
SFIT Absolute A Ti-Base



Diameter / Length / Cuff	Ø3.8	Ø4.5	Ø5.5
	3.6	3.6	3.6
1	2SSF38135A	2SSF45135A	2SSF55135A
2	2SSF38235A	2SSF45235A	2SSF55235A
3	2SSF38335A	2SSF45335A	2SSF55335A
4	2SSF38435A	2SSF45435A	2SSF55435A

> Packing unit: 1 SFIT Absolute A Ti-Base + 1 SFIT Absolute A Ti-Base Screw.
> For Screw Retained Prosthesis with angulated screw channel.
> Gold color for more translucent restoration.
> Library available for EXOCAD®, 3Shape® & others.
> Integrated with the Screw and Ti-Base (solid screw).
> Tightened with the 1.2 Hex Ratchet Driver or Absolute Ratchet Driver and Torque Wrench.
> Prosthesis is connected to the SFIT Absolute A Ti-Base by the SFIT Absolute A Ti-Base Screw using the Angulated Screw Ratchet Driver.
> Tightening torque force: 30 N.cm.
> Use the SFIT Absolute Scanbody for digital flow.
> Abutment level impression.

* Angulated Screw Ratchet Driver



Height / Type	Ratchet
24(Short)	KRBUD15
29(Long)	KRBUD20

> Stable to internal slip or fracture due to wide contact area of the Angulated Driver and the dedicated Stargrip Abutment Screw.
> Tightening torque force : 30 N.cm (50 N.cm Max.).

SFIT Absolute S Ti-Base Screw

Height / Diameter	Ø2.3
4.1	2SSFS100S

> Packing unit: 1 SFIT Absolute S Ti-Base Screw.
> Tightened with the 1.2 Hex Ratchet Driver and Torque Wrench.

SFIT Absolute A Ti-Base Screw

Height / Diameter	Ø2.3
4.1	2SSFS100A

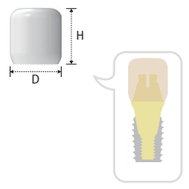
> Packing unit: 1 SFIT Absolute A Ti-Base Screw.
> Tightened with the Angulated Screw Ratchet Driver and Torque Wrench.

SFIT Absolute Ratchet Driver

SFIT Absolute Ti-Base Diameter / Height / Diameter / Type	Crown	
	Ø3.8	Ø4.5 & Ø5.5
	Ø4.2	Ø4.8
19	KSFR3812S	KSFR4512S
26	KSFR3819L	KSFR4519L

> Packing unit: 1 SFIT Absolute Ratchet Driver.
> Used to install and uninstall the SFIT Absolute S & A Ti-Base in case of internal slip.
> KSFR3812S & KSFR3819L for the SFIT Absolute S & A Ti-Base with Ø3.8 and KSFR4512S & KSFR4519L for the SFIT Absolute S & A Ti-Base with Ø4.5 and Ø5.5.

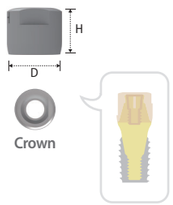
SFIT Absolute Protection Cap



SFIT Absolute Ti-Base Diameter / Height / Diameter	Ø3.8	Ø4.5	Ø5.5
	Ø4.6	Ø5.5	Ø6.5
5	2SSFPC38	2SSFPC45	2SSFPC55

> Packing unit: 1 SFIT Absolute Protection Cap.
> Protection from cheek and tongue for gingival healing period.
> Gingival retraction for prosthodontic margin of abutment.
> Alternative usage for sub-structure of temporary prosthesis.

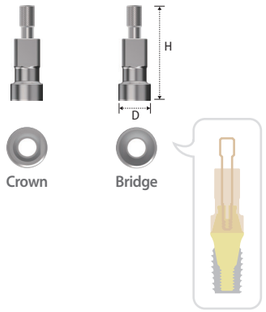
SFIT Absolute Scanbody



Type	Crown		
SFIT Absolute Ti-Base Diameter	Ø3.8	Ø4.5	Ø5.5
Diameter / Height	Ø4.25	Ø4.95	Ø5.85
4.1	2SSFSB3835H	2SSFSB4535H	2SSFSB5535H

> Packing unit: 1 SFIT Absolute Scanbody.
> For both intra-oral scanning and model-scanning.
> Made of 100% titanium alloy with a special coating applied.
> No need to spray.
> For the connection to the SFIT Absolute S Ti-Base, use the SFIT Absolute S Ti-Base Screw with the 1.2 Hex Ratchet Driver and Torque Wrench.
> For the connection to the SFIT Absolute A Ti-Base, use the SFIT Absolute A Ti-Base Screw with the Angulated Screw Ratchet Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

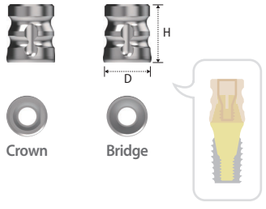
SFIT Absolute Pick-up Impression Coping



Type	Crown			Bridge		
SFIT Absolute Ti-Base Diameter	Ø3.8	Ø4.5	Ø5.5	Ø3.8	Ø4.5	Ø5.5
Diameter / Height	Ø3.95	Ø4.65	Ø5.65	Ø3.95	Ø4.65	Ø5.65
14.6	2SSFI3835C	2SSFI4535C	2SSFI5535C	2SSFI3835B	2SSFI4535B	2SSFI5535B

> Packing unit: 1 SFIT Absolute Pick-up Impression Coping + 1 Guide Pin.
> For open tray impression.
> Connected with the Guide Pin (2SSFIGP14).
> Tightened with the 1.2 Hex Ratchet Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

SFIT Absolute Transfer Post



Type	Crown			Bridge		
SFIT Absolute Ti-Base Diameter	Ø3.8	Ø4.5	Ø5.5	Ø3.8	Ø4.5	Ø5.5
Diameter / Height	Ø4.3	Ø4.95	Ø5.9	Ø4.3	Ø4.95	Ø5.9
6	2SSFT3835LH	2SSFT4535LH	2SSFT5535LH	2SSFT3835LN	2SSFT4535LN	2SSFT5535LN

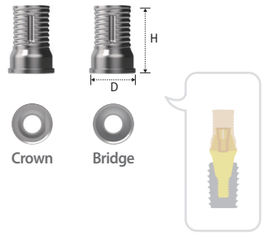
> Packing unit: 1 SFIT Absolute Transfer Post + 1 Guide Pin.
> For closed tray impression.
> Also used as a scanbody for intra-oral scanning and model-scanning.
> Connected with the Guide Pin (2SSFT01SL).
> Tightened with the 1.2 Hex Ratchet Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

SFIT Absolute Digital Analog

SFIT Absolute Ti-Base Diameter	Ø3.8	Ø4.5	Ø5.5
Diameter / Length	Ø3.8	Ø4.5	Ø5.5
3.6	2SSFLA3835	2SSFLA4535	2SSFLA5535

> Packing unit: 1 SFIT Absolute Digital Analog.
> Replacement of the SFIT Absolute S or A Ti-Base shape in working cast.
> Used for both 3D printed model (RP) and stone model.
> Select according to dimension of the SFIT Absolute S or A Ti-Base.

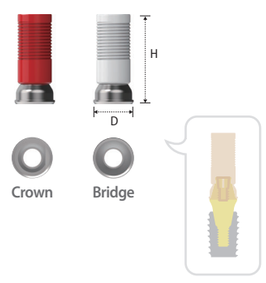
SFIT Titanium Cylinder



Type	Crown			Bridge		
SFIT Ti-Base Diameter	Ø3.8	Ø4.5	Ø5.5	Ø3.8	Ø4.5	Ø5.5
Diameter / Height	Ø4.1	Ø4.8	Ø5.8	Ø4.1	Ø4.8	Ø5.8
7	2SSFTC3835H	2SSFTC4535H	2SSFTC5535H	2SSFTC3835N	2SSFTC4535N	2SSFTC5535N

> Packing unit: 1 SFIT Titanium Cylinder.
> Used over both SFIT S or A Ti-Base and SFIT Absolute S or A Ti-Base.
> For provisional and permanent restorations.
> Connected with the SFIT S or A Ti-Base Screw and SFIT Absolute S or A Ti-Base Screw.
> Tightened with the 1.2 Hex Ratchet Driver and Torque Wrench.
> Tightening torque force: 30 N.cm.

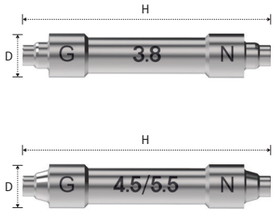
SFIT Meta G UCLA Cylinder



Type	Crown			Bridge		
SFIT Ti-Base Diameter	Ø3.8	Ø4.5	Ø5.5	Ø3.8	Ø4.5	Ø5.5
Diameter / Height	Ø4.3	Ø5.0	Ø5.7	Ø4.3	Ø5.0	Ø5.7
11.4	2SSFC3835C	2SSFC4535C	2SSFC5535C	2SSFC3835B	2SSFC4535B	2SSFC5535B

> Packing unit: 1 1 SFIT Meta G UCLA Cylinder.
> Used over both SFIT S or A Ti-Base and SFIT Absolute S or A Ti-Base.
> Modifiable to various types of abutments.
> CCM alloy core for precise connection.
> Cast with non-precious metal or gold alloy.
> Connected with the SFIT S or A Ti-Base Screw and SFIT Absolute S or A Ti-Base Screw.
> Tightened with the 1.2 Hex Ratchet Driver and Torque Wrench.
> Tightening torque force: 30 N.cm.

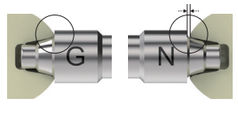
SFIT Gono Gauge



SFIT Ti-Base Diameter	Ø3.8	Ø4.5 & Ø5.5
Diameter / Height	Ø5.5	Ø5.5
32	2SSFGNG	

> Packing unit: 2 SFIT Gono Gauge (1 3.8 SFIT Gono Gauge, 1 4.5 & 5.5 SFIT Gono Gauge).
> Used to check whether the inner milling is done correctly when fabricating the crown.

When fastening in the G(Go) direction, the contact point with the crown must fit.



When tightening in the N(No) direction, the contact point with the crown must misfit.

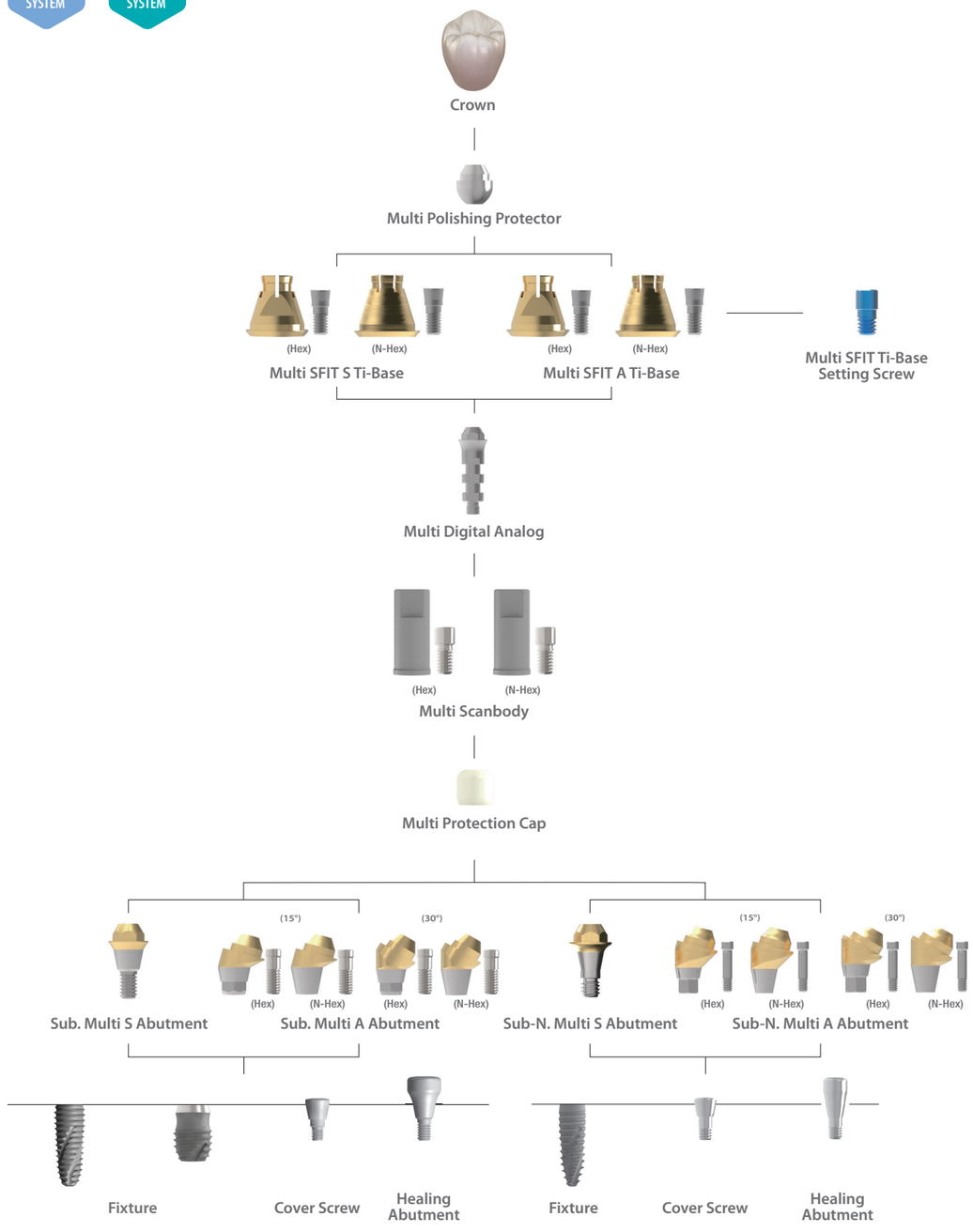
* Refer to the SFIT Ti-Base System Catalog for details.

Component selection guide for the Sub. & Sub-N. Multi SFIT Ti-Base System

Intra-oral scanning procedure

SUB. HEXAGON SYSTEM

SUB-N. HEXAGON SYSTEM

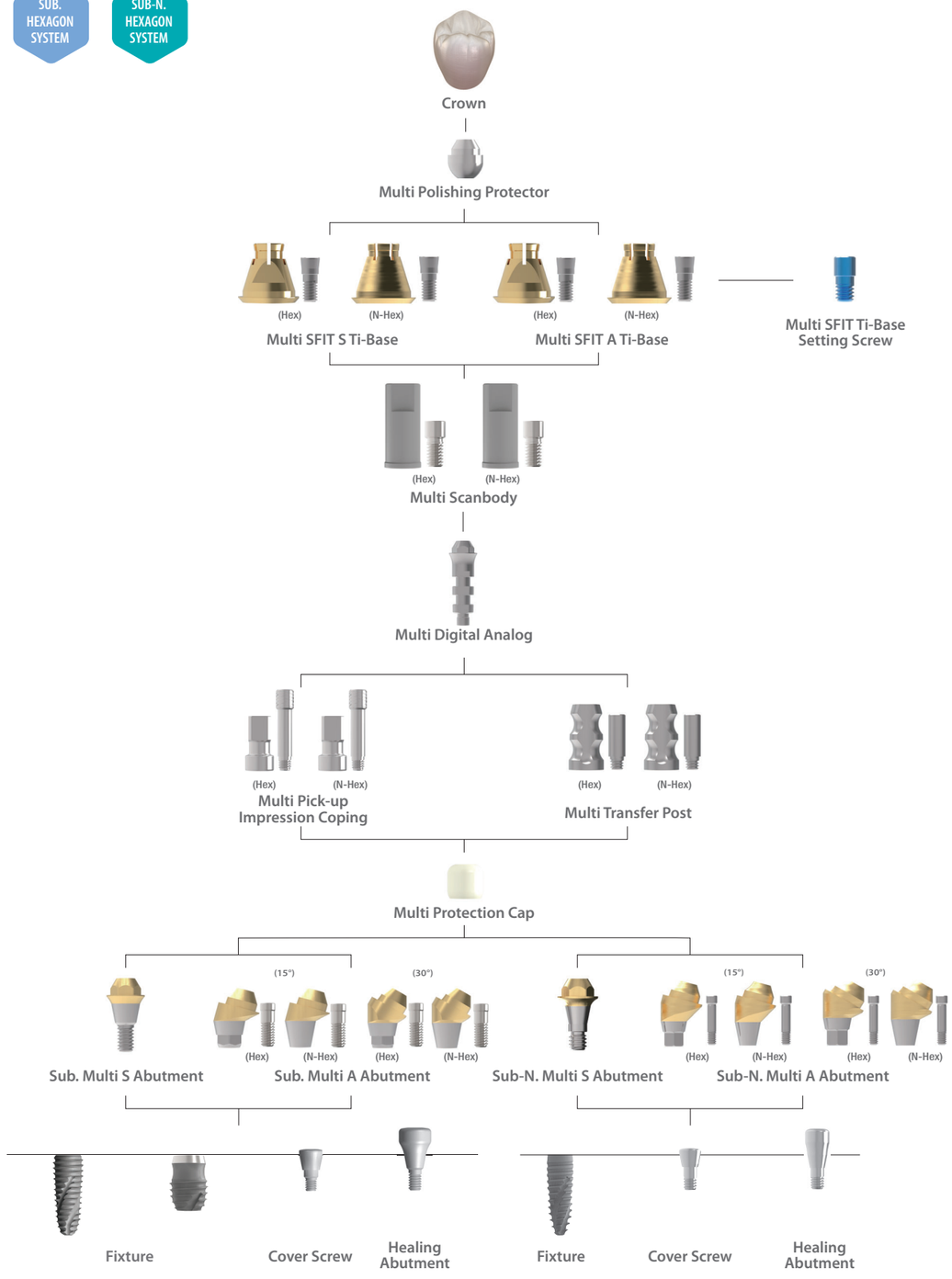


Component selection guide for the Sub. & Sub-N. Multi SFIT Ti-Base System

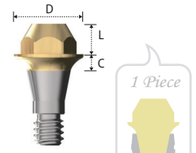
Model-scanning procedure

SUB. HEXAGON SYSTEM

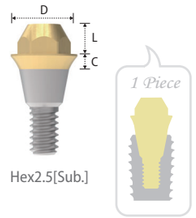
SUB-N. HEXAGON SYSTEM



Multi S Abutment



Hex2.1[Sub-N.]

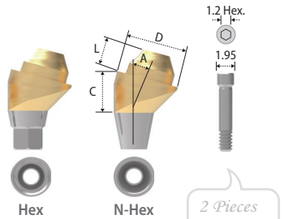


Hex2.5[Sub.]

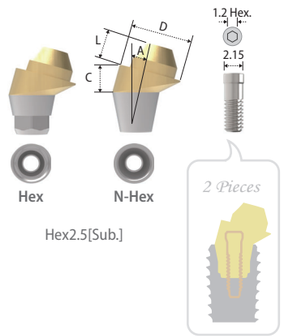
Fixture Connection	Hex2.1[Sub-N.]	Hex2.5[Sub.]	
Platform[Fixture Dia.]	Ø4.5 [Ø3.1 / Ø3.3]	Ø4.5 [Ø3.5 / Ø4.0 / Ø4.5 / Ø5.0 / Ø5.5 / Ø6.0]	
Diameter	Ø4.5	Ø4.5	Ø5.5
Cuff \ Length	2	2	2
1	SMS451N	2SMS451	2SMS551
2	SMS452N	2SMS452	2SMS552
3	SMS453N	2SMS453	2SMS553
4	SMS454N	2SMS454	2SMS554
5		2SMS455	2SMS555

> Packing unit: 1 Multi S Abutment.
> For Screw-Retained Prosthesis.
> Titanium base for the Multi SFIT S or A Ti-Base.
> Gold color for more translucent restoration.
> Library available for EXOCAD®, 3Shape® & others.
> Integrated with the screw and abutment (solid screw).
> Use the S Holder for more stable position.
> Tightened with the S Machine or S Ratchet Driver and Torque Wrench.
> Tightening torque force: 30 N.cm (Sub.) / 20~25 N.cm (Sub-N.).
> Use the Multi Scanbody for digital flow.
> Abutment level impression.

Multi A Abutment



Hex2.1[Sub-N.]



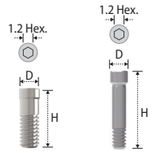
Hex2.5[Sub.]

Type	Hex					
Fixture Connection	Hex2.1[Sub-N.]		Hex2.5[Sub.]			
Platform[Fixture Dia.]	Ø4.5 [Ø3.1 / Ø3.3]		Ø4.5 [Ø3.5 / Ø4.0 / Ø4.5 / Ø5.0 / Ø5.5 / Ø6.0]		Ø5.5 [Ø3.5 / Ø4.0 / Ø4.5 / Ø5.0 / Ø5.5 / Ø6.0]	
Diameter(Angle)	Ø4.5(15°)	Ø4.5(30°)	Ø4.5(15°)	Ø4.5(30°)	Ø5.5(15°)	Ø5.5(30°)
Cuff \ Length	2	2	2	2	2	2
2	★ SMAH45152N		● 2SMAH45152			
3	● SMAH45153N	★ SMAH45303N	★ 2SMAH45153	● 2SMAH45303	★ 2SMAH55153	★ 2SMAH55303
4	● SMAH45154N	● SMAH45304N	★ 2SMAH45154	★ 2SMAH45304	★ 2SMAH55154	★ 2SMAH55304
5					★ 2SMAH55155	★ 2SMAH55305

Type	N-Hex					
Fixture Connection	Hex2.1[Sub-N.]		Hex2.5[Sub.]			
Platform[Fixture Dia.]	Ø4.5 [Ø3.1 / Ø3.3]		Ø4.5 [Ø3.5 / Ø4.0 / Ø4.5 / Ø5.0 / Ø5.5 / Ø6.0]		Ø5.5 [Ø3.5 / Ø4.0 / Ø4.5 / Ø5.0 / Ø5.5 / Ø6.0]	
Diameter(Angle)	Ø4.5(15°)	Ø4.5(30°)	Ø4.5(15°)	Ø4.5(30°)	Ø5.5(15°)	Ø5.5(30°)
Cuff \ Length	2	2	2	2	2	2
2	★ SMAN45152N		● 2SMAN45152			
3	● SMAN45153N	★ SMAN45303N	★ 2SMAN45153	● 2SMAN45303	★ 2SMAN55153	★ 2SMAN55303
4	● SMAN45154N	● SMAN45304N	★ 2SMAN45154	★ 2SMAN45304	★ 2SMAN55154	★ 2SMAN55304
5					★ 2SMAN55155	★ 2SMAN55305

> Packing unit: 1 Multi A Abutment + 1 Abutment Screw.
> For Screw-Retained Prosthesis.
> Titanium base for the Multi SFIT S or A Ti-Base.
> Gold color for more translucent restoration.
> Library available for EXOCAD®, 3Shape® & others.
> Use the A Holder for more stable position.
> Connected with the Abutment Screw (SSHR200N: ★ SSHR300N: ● / 2SSHR300 : ★ 2SSHR400 : ●).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 30 N.cm (Sub.) / 20~25 N.cm (Sub-N.).
> Use the Multi Scanbody for digital flow.
> Abutment level impression.

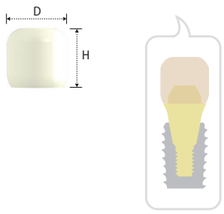
Abutment Screw



Height \ Diameter	8.7	9.3	7.5	6.5
1.95	★ SSHR200N	● SSHR300N		
2.15			★ 2SSHR300	● 2SSHR400

> Packing unit: 1 Abutment Screw.
> To connect the Multi A Abutment.
> Tightened with the 1.2 Hex Driver and Torque Wrench.

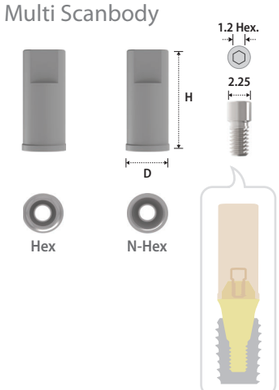
Multi Protection Cap



Multi S & A Abutment Diameter	Ø4.5	Ø5.5
Diameter \ Height	Ø5.2	Ø6.2
5	2SMPC45	2SMPC55

> Packing unit : 1 Multi Protection Cap.
> Protection from cheek and tongue for gingival healing period.
> Gingival retraction for prosthodontic margin of abutment.
> Alternative usage for sub-structure of temporary prosthesis.

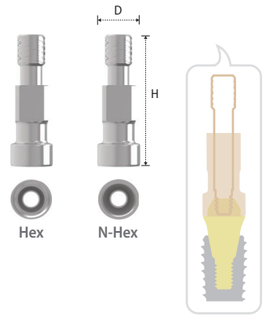
Multi Scanbody



Type	Hex	N-Hex
Multi S & A Abutment Diameter	Ø4.5 & Ø5.5	Ø4.5 & Ø5.5
Diameter \ Height	Ø4.5	Ø4.5
9	2SMB001H	2SMB001N

> Packing unit: 1 Multi Scanbody + 1 Multi Cylinder Screw.
> For both intra-oral scanning and model-scanning.
> Made of 100% titanium alloy with a special coating applied.
> No need to spray.
> Connected with the Multi Cylinder Screw (2SMC100).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

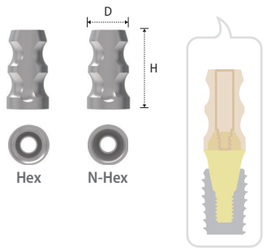
Multi Pick-up Impression Coping



Type	Hex		N-Hex	
Multi S & A Abutment Diameter	Ø4.5	Ø5.5	Ø4.5	Ø5.5
Diameter / Height	Ø4.65	Ø5.65	Ø4.65	Ø5.65
14.8	2SMIH45	2SMIH55	2SMIN45	2SMIN55

> Packing unit: 1 Multi Pick-up Impression Coping + 1 Guide Pin.
> For open tray impression.
> Connected with the Guide Pin (2SMGP012).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

Multi Transfer Post



Type	Hex		N-Hex	
Multi S & A Abutment Diameter	Ø4.5	Ø5.5	Ø4.5	Ø5.5
Diameter / Height	Ø4.5	Ø5.5	Ø4.5	Ø5.5
8.5	2SMTH45	2SMTH55	2SMTN45	2SMTN55

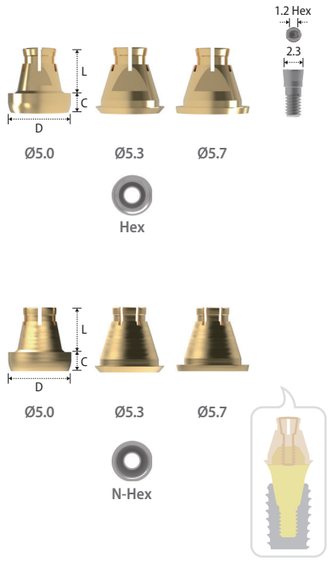
> Packing unit: 1 Multi Transfer Post + 1 Guide Pin.
> For closed tray impression.
> Connected with the Guide Pin (2SMTHS100).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

Multi Digital Analog

Multi S & A Abutment Diameter	Ø4.5	Ø5.5
Diameter / Length	Ø4.5	Ø5.5
2	2SMLA45	2SMLA55

> Packing unit: 1 Multi Digital Analog.
> Replacement of the Multi S or A Abutment shape in working cast.
> Used for both 3D printed model (RP) and stone model.
> Select according to dimension of the Multi S or A Abutment.

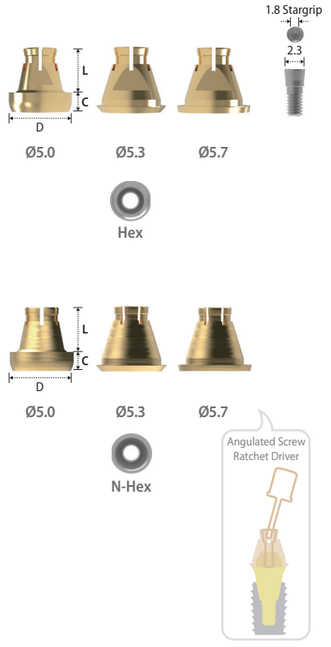
Multi SFIT S Ti-Base



Type	Hex			N-Hex		
Multi S & A Abutment Diameter	Ø4.5	Ø4.5	Ø5.5	Ø4.5	Ø4.5	Ø5.5
Diameter	Ø5.0	Ø5.3	Ø5.7	Ø5.0	Ø5.3	Ø5.7
Length / Cuff	3.5	3.5	3.5	3.5	3.5	3.5
0.5		2SMSFT45H	2SMSFT55H		2SMSFT45N	2SMSFT55N
1.5	2SMSFT40H			2SMSFT40N		

> Packing unit: 1 Multi SFIT S Ti-Base + 1 Multi SFIT S Ti-Base Screw.
> Used over both Multi S or A Abutment.
> For Screw Retained prosthesis.
> Gold color for more translucent restoration.
> Library available for EXOCAD®, 3Shape® & others.
> Connected with the Multi SFIT S Ti-Base Screw (2SMCS100SF).
> Tightened with the 1.2 Hex Ratchet Driver and Torque Wrench.
> Tightening torque force: 25 N.cm.
> Abutment level impression.

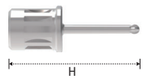
Multi SFIT A Ti-Base



Type	Hex			N-Hex		
Multi S & A Abutment Diameter	Ø4.5	Ø4.5	Ø5.5	Ø4.5	Ø4.5	Ø5.5
Diameter	Ø5.0	Ø5.3	Ø5.7	Ø5.0	Ø5.3	Ø5.7
Length / Cuff	3.5	3.5	3.5	3.5	3.5	3.5
0.5		2SMSFT45HA	2SMSFT55HA		2SMSFT45NA	2SMSFT55NA
1.5	2SMSFT40HA			2SMSFT40NA		

> Packing unit: 1 Multi SFIT A Ti-Base + 1 Multi SFIT A Ti-Base Screw.
> Used over both Multi S or A Abutment.
> For Screw Retained prosthesis.
> Gold color for more translucent restoration.
> Library available for EXOCAD®, 3Shape® & others.
> Connected with the Multi SFIT A Ti-Base Screw (2SMCS100AF).
> Tightened with the Angulated Screw Ratchet Driver and Torque Wrench.
> Tightening torque force: 25 N.cm.
> Abutment level impression.

* Angulated Screw Ratchet Driver



Type / Height	Ratchet
24(Short)	KRBUD15
29(Long)	KRBUD20

> Stable to internal slip or fracture due to wide contact area of the Angulated Driver and the dedicated Stargrip Abutment Screw.
> Tightening torque force : 30 N.cm (50 N.cm Max.).

Multi SFIT S Ti-Base Screw

Height \ Diameter	Ø2.3
5.5	2SMCS100SF

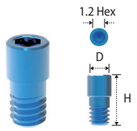
> Packing unit: 1 Multi SFIT S Ti-Base Screw.
> To connect the Multi SFIT S Ti-Base.
> Tightened with the 1.2 Hex Ratchet Driver and Torque Wrench.

Multi SFIT A Ti-Base Screw

Height \ Diameter	Ø2.3
5.5	2SMCS100AF

> Packing unit: 1 Multi SFIT A Ti-Base Screw.
> To connect the Multi SFIT A Ti-Base.
> Tightened with the Angulated Screw Ratchet Driver and Torque Wrench.

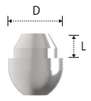
Multi SFIT Ti-Base Setting Screw



Height \ Diameter	Ø2.0
4.3	2SMCSS100

> Packing unit: 5 Multi SFIT Ti-Base Setting Screws.
> Used to screw the Multi SFIT S or A Ti-Base into the Multi Digital Analog or the Multi S & A Abutment when revising such prosthetic adaptions as shape, contact surface, occlusion and margin without giving a force to the head of the Multi SFIT S or A Ti-Base to spread and fit in the inner space of prosthesis.
> Tightened with the 1.2 Hex Ratchet Driver.

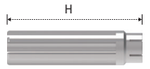
Multi Polishing Protector



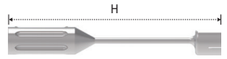
Type	Hex	
Multi S & A Abutment Diameter	Ø4.5	Ø5.5
Diameter \ Length	Ø4.5	Ø5.5
2	2SMPP45	2SMPP55

> Packing unit: 1 Multi Polishing Protector.
> To polish work during lab procedure.

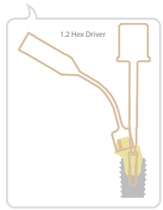
Multi Holder

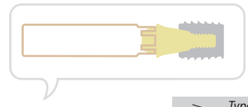


S Holder



A Holder





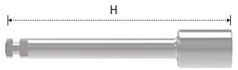
Height \ Type	Hand
20	KMHS01

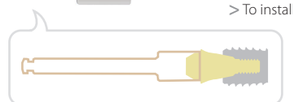
> Packing unit: 1 Multi S Holder.
> To position the Multi S Abutment more stably.

Height \ Type	Hand
32	KMHA01

> Packing unit: 1 Multi A Holder.
> To position the Multi A Abutment more stably.

Multi S Machine Driver

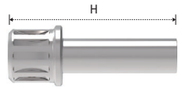


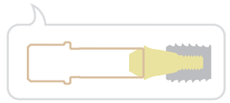


Height \ Type	Machine
27.5	KMMSD21L

> Packing unit: 1 Multi S Machine Driver.
> To install the Multi S Abutment by machine.

Multi S Ratchet Driver

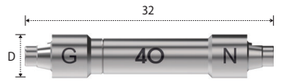


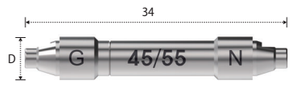


Height \ Type	Ratchet
22	KRMSD15L

> Packing unit: 1 Multi S Ratchet Driver.
> To install the Multi S Abutment by hand.

Multi SFIT Gono Gauge

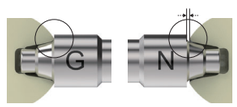




Diameter \ Height	32	34
Ø5.5	2SSFMGNG	

> Packing unit: 2 Multi SFIT Gono Gauge (1 40 Multi SFIT Gono Gauge, 1 45 & 55 Multi SFIT Gono Gauge).
> Used to check whether the inner milling is done correctly when fabricating the crown.
> 40 Multi SFIT Gono Gauge : Multi SFIT S Ti-Base with Cuff 1.5 (2SMSFT40H, 2SMSFT40N).
> 45 & 55 Multi SFIT Gono Gauge : Multi SFIT S Ti-Base with Cuff 0.5 (2SMSFT45H, 2SMSFT55H, 2SMSFT45N, 2SMSFT55N).

When fastening in the G(Go) direction, the contact point with the crown must fit.



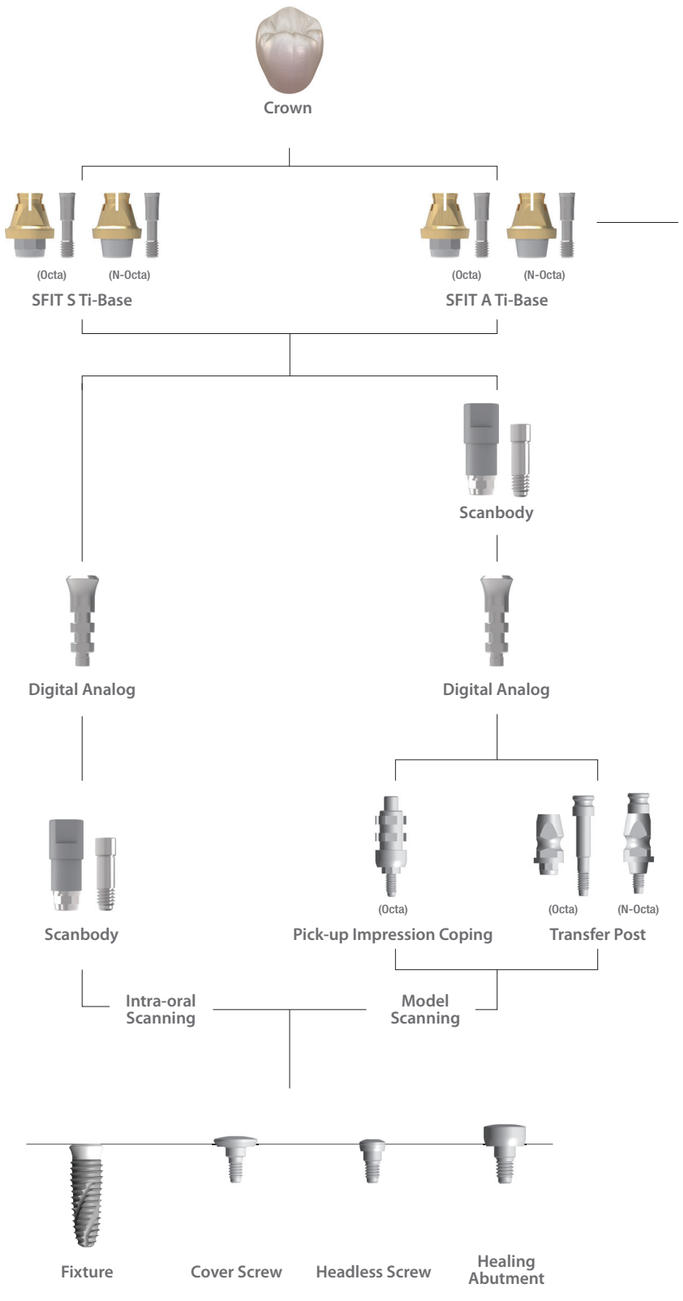
When tightening in the N(No) direction, the contact point with the crown must misfit.

* Refer to the SFIT Ti-Base System Catalog for details.

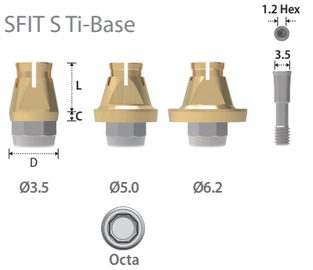
Component selection guide for the Int. SFIT Ti-Base System

- Intra-oral scanning
- Model-scanning

INT. OCTAGON SYSTEM



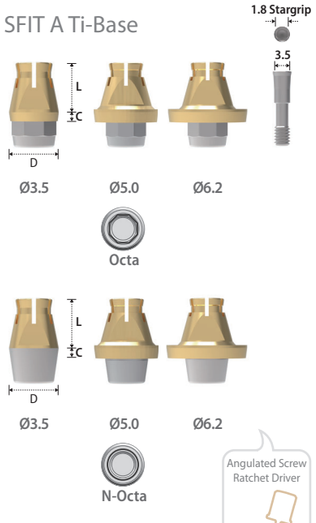
SFIT S Ti-Base



Type	Octa			N-Octa		
Platform [Fixture Dia.]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]
Diameter	Ø3.5	Ø5.0	Ø6.2	Ø3.5	Ø5.0	Ø6.2
Cuff \ Length	3.6	3.6	3.6	3.6	3.6	3.6
0	ISFO35035			ISFN35035		
1		ISFO50135	ISFO60135		ISFN50135	ISFN60135
2		ISFO50235	ISFO60235		ISFN50235	ISFN60235
3		ISFO50335	ISFO60335		ISFN50335	ISFN60335

> Packing unit: 1 SFIT S Ti-Base + 1 SFIT S Ti-Base Screw.
> For Screw Retained Prosthesis with straight screw channel.
> Gold color for more translucent restoration.
> Library available for EXOCAD®, 3Shape® & others.
> Connected with the SFIT S Ti-Base Screw.
> Tightened with the 1.2 Hex Ratchet Driver and Torque Wrench.
> Tightening torque force: 30 N.cm.
> Use the SFIT Scanbody for digital workflow.
> Fixture level impression.

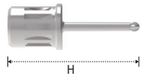
SFIT A Ti-Base



Type	Octa			N-Octa		
Platform [Fixture Dia.]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]
Diameter	Ø3.5	Ø5.0	Ø6.2	Ø3.5	Ø5.0	Ø6.2
Cuff \ Length	3.6	3.6	3.6	3.6	3.6	3.6
0	ISFO35035A			ISFN35035A		
1		ISFO50135A	ISFO60135A		ISFN50135A	ISFN60135A
2		ISFO50235A	ISFO60235A		ISFN50235A	ISFN60235A
3		ISFO50335A	ISFO60335A		ISFN50335A	ISFN60335A

> Packing unit: 1 SFIT A Ti-Base + 1 SFIT A Ti-Base Screw.
> For Screw Retained Prosthesis with angulated screw channel.
> Gold color for more translucent restoration.
> Library available for EXOCAD®, 3Shape® & others.
> Connected with the SFIT A Ti-Base Screw.
> Tightened with the Angulated Screw Ratchet Driver and Torque Wrench.
> Tightening torque force: 30 N.cm.
> Use the SFIT Scanbody for digital workflow.
> Fixture level impression.

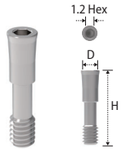
* Angulated Screw Ratchet Driver



Height \ Type	Ratchet
24(Short)	KRBUD15
29(Long)	KRBUD20

> Stable to internal slip or fracture due to wide contact area of the Angulated Driver and the dedicated Stargrip Abutment Screw.
> Tightening torque force : 30 N.cm (50 N.cm Max.).

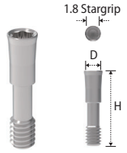
SFIT S Ti-Base Screw



SFIT S Ti-Base Cuff	0	1	2	3
Height / Diameter	9	10.6	11.6	12.6
Ø2.3	ISFS00S	ISFS10S	ISFS20S	ISFS30S

> Packing unit: 1 SFIT S Ti-Base Screw.
> Used to connect the SFIT S Ti-Base.
ISFS00S: SFIT S Ti-Base with Cuff 0, ISFS10S: SFIT S Ti-Base with Cuff 1,
ISFS20S: SFIT S Ti-Base with Cuff 2, ISFS30S: SFIT S Ti-Base with Cuff 3.
> Tightened with the 1.2 Hex Ratchet Driver and Torque Wrench.

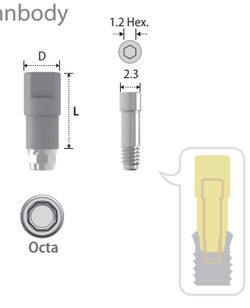
SFIT A Ti-Base Screw



SFIT S Ti-Base Cuff	0	1	2	3
Height / Diameter	9	10.6	11.6	12.6
Ø2.3	ISFS00A	ISFS10A	ISFS20A	ISFS30A

> Packing unit: 1 SFIT A Ti-Base Screw.
> Used to connect the SFIT A Ti-Base.
ISFS00A: SFIT A Ti-Base with Cuff 0, ISFS10A: SFIT A Ti-Base with Cuff 1,
ISFS20A: SFIT A Ti-Base with Cuff 2, ISFS30A: SFIT A Ti-Base with Cuff 3.
> Tightened with the Angulated Screw Ratchet Driver and Torque Wrench.

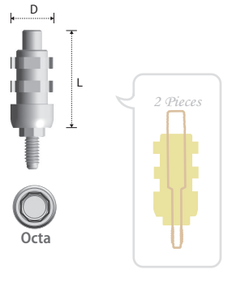
Scanbody



Type	Octa
Platform [Fixture Dia.]	Ø4.8 & Ø5.9 [Ø3.5 / Ø4.0 / Ø4.5, Ø5.0 / Ø6.0]
Diameter / Length	Ø4.5
6	ISB406
10	ISB410

> Packing unit: 1 Scanbody + 1 Abutment Screw.
> For both intra-oral scanning and model-scanning.
> Made of 100% titanium alloy with a special coating applied.
> No need to spray.
> Connected with the Abutment Screw (ISHR110).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

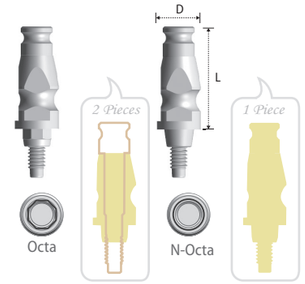
Pick-up Impression Coping



Type	Octa	
Platform [Fixture Dia.]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]
Diameter / Length	Ø5.5	Ø6.6
13.7	IIOR001	IIOW001

> Packing unit : 1 Pick-up Impression Coping + 1 Guide Pin.
> For open tray impression.
> Connected with the Guide Pin (IIOR001S).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

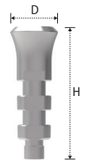
Transfer Post



Type	Octa		N-Octa	
Platform [Fixture Dia.]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]
Diameter / Length	Ø4.8	Ø5.9	Ø4.8	Ø5.9
11.6	ITOR400	ITOW500	ITNR400	ITNW500

> Packing unit: Octa - 1 Transfer Post + 1 Guide Pin / N-Octa - 1 Transfer Post (Solid Type).
> For closed tray impression.
> Connected with the Guide Pin (Regular: ITOR400S / Wide: ITOW500S).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

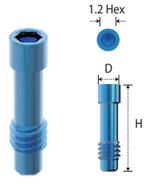
Digital Analog



Platform [Fixture Dia.]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]
Diameter / Height	Ø4.8	Ø5.9
13.5	IDR001R	IDR001W

> Packing unit: 1 Digital Analog.
> Analog of fixture for working cast.
> Used for both 3D printed model (RP) and stone model.
> Select according to fixture platform.

SFIT Ti-Base Setting Screw



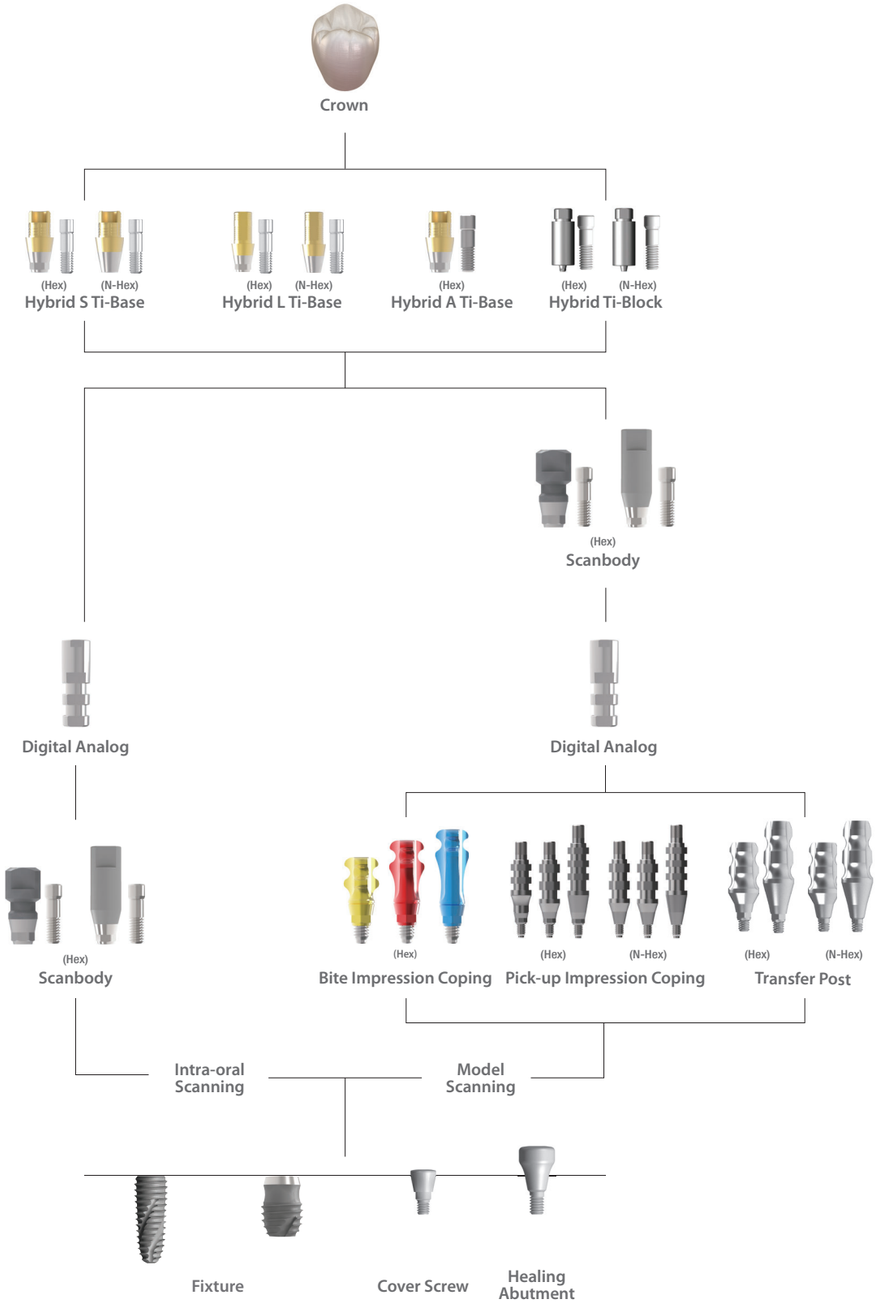
Diameter / Height	Ø1.95
7.5	ISFSS100

> Packing unit: 5 SFIT Ti-Base Setting Screws.
> Used to screw the SFIT S or A Ti-Base into the Digital Analog or the Fixture when revising such prosthetic adaptions as shape, contact surface, occlusion and margin without giving a force to the head of the SFIT Ti-Base S or A Ti-Base to spread and fit in the inner space of the prosthesis.
> Tightened with the 1.2 Hex Ratchet Driver.

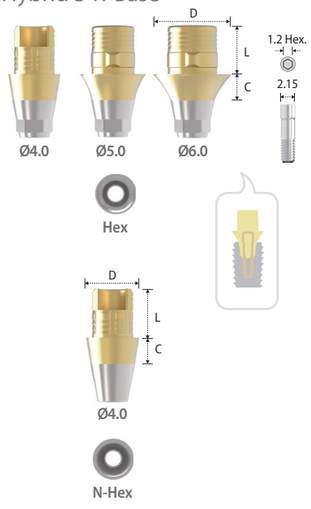
Component selection guide for the Sub. Hybrid Ti-Base System

- Intra-oral scanning
- Model-scanning

SUB. HEXAGON SYSTEM



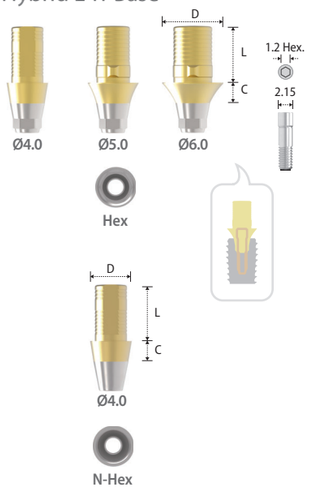
Hybrid S Ti-Base



Type	Hex			N-Hex
Diameter	Ø4.0	Ø5.0	Ø6.0	Ø4.0
Cuff \ *Length*	3.75	3.75	3.75	3.75
0.8	2**SLH**404	2**SLH**504	2**SLH**604	2**SLN**404
2	2**SLH**424	2**SLH**524	2**SLH**624	2**SLN**424
3	2**SLH**434	2**SLH**534	2**SLH**634	2**SLN**434

> Packing unit : 1 Hybrid S Ti-Base + 1 Abutment Screw.
> For Screw-Cement or Cement Retained Abutment.
> Titanium base for strength of CAD/CAM customized abutment or crown.
> Gold color for more translucent restoration.
> Lingual surface hole for more esthetic restoration (Ø4.0).
> Right angled (Ø4.0) and humped design (Ø5.0, Ø6.0) for anti-rotation of prosthesis.
> Library available for EXOCAD®, 3Shape® & Others.
> Connected with the Abutment Screw (2SSHR200).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force : 30 N.cm.
> Use the Scanbody for 3D Work.
> Fixture level impression.

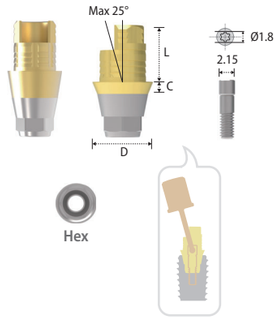
Hybrid L Ti-Base



Type	Hex			N-Hex
Diameter	Ø4.0	Ø5.0	Ø6.0	Ø4.0
Cuff \ *Length*	5.5	5.5	5.5	5.5
1	2**SLH**415	2**SLH**515	2**SLH**615	2**SLN**415
2	2**SLH**425	2**SLH**525	2**SLH**625	2**SLN**425
3	2**SLH**435	2**SLH**535	2**SLH**635	2**SLN**435

> Packing unit : 1 Hybrid L Ti-Base + 1 Abutment Screw.
> For Screw-Cement or Cement Retained Abutment.
> Titanium base for strength of CAD/CAM customized abutment or crown.
> Gold color for more translucent restoration.
> Cutting surface (Ø4.0) and humped design (Ø5.0, Ø6.0) for anti-rotation of prosthesis.
> Library available for EXOCAD®, 3Shape® & Others.
> Connected with the Abutment Screw (2SSHR200).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force : 30 N.cm.
> Use the Scanbody for 3D Work.
> Fixture level impression.

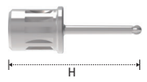
Hybrid A Ti-Base



Type	Hex
Diameter	Ø4.0
Cuff \ *Length*	3.75
0.8	2SLH404A
2	2SLH424A
3	2SLH434A

> Packing unit : 1 Hybrid A Ti-Base + 1 Abutment Screw.
> For Screw-Cement or Cement Retained Abutment.
> Titanium base for strength of CAD/CAM customized abutment or crown.
> For Fabrication of Angulated Screw Channel up to 25°.
> Library available for EXOCAD®, 3Shape® & Others.
> Connected with the Stargrip Abutment Screw (2SLAH100, 2SLAH200 & 2SLAH300).
> Tightened with the Angulated Screw Ratchet Driver and Torque Wrench.
> Tightening torque force : 30 N.cm.
> Use the Scanbody for 3D Work.
> Fixture level impression.

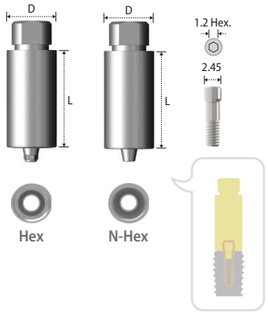
* Angulated Screw Ratchet Driver



Height \ *Type*	Ratchet
24(Short)	KRBUD15
29(Long)	KRBUD20

> Stable to internal slip or fracture due to wide contact area of the Angulated Driver and the dedicated Stargrip Abutment Screw.
> Tightening torque force : 30 N.cm (50 N.cm Max.).

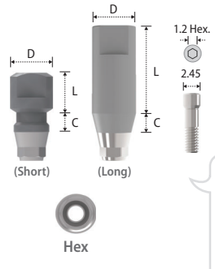
Hybrid Ti-Block



Type	Hex			N-Hex		
Length \ *Diameter*	10	12	14	10	12	14
20	CSHH10S	CSHH12S	CSHH14S	CSHN10S	CSHN12S	CSHN14S

> Packing unit : 1 Hybrid Ti-Block + 2 Abutment Screws.
> For Screw-Cement or Cement Retained Abutment.
> Block abutment for CAD/CAM customized abutment.
> Library available for EXOCAD®, 3Shape® & Others.
> Connected with the Abutment Screw (2SSHR100).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force : 30 N.cm.
> Use the Scanbody for 3D Work.
> Fixture level impression.

Scanbody



Type	Hex(Short)	Hex(Long)
Diameter	Ø4.3	Ø4.3
Cuff \ *Length*	4	9
2	2SSB4325	2SSB4329

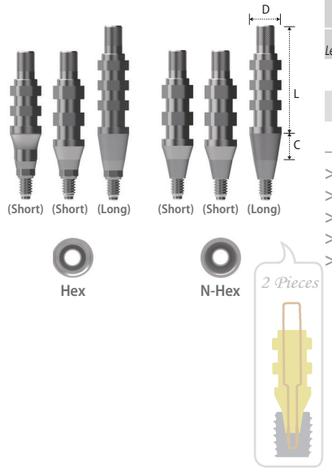
> Packing unit : 1 Scanbody + 1 Abutment Screw.
> For both, model scanner and intra oral scanner.
> For Hybrid S & L Ti-Base and Hybrid A Ti-Block.
> Made of 100% titanium alloy with a special coating applied.
> No need to spray.
> Connected with the Abutment Screw (2SSHR100).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force : 12~15 N.cm.

Bite Impression Coping

Type	Hex(Short)	Hex(Long)	Hex(X-Long)
Diameter	Ø4.5	Ø4.5	Ø4.5
Length \ *Cuff*	2	4	6
4.0	2SBIC45S	2SBIC45L	2SBIC45X

> Packing unit : 1 Bite Impression Coping (Inbuilt Guide Pin).
> Designed to simultaneously take bite and impression.
> For Closed Tray Impression (Bite Impression).
> Tightened with the 1.2 Hex Driver and Torque Wrench.

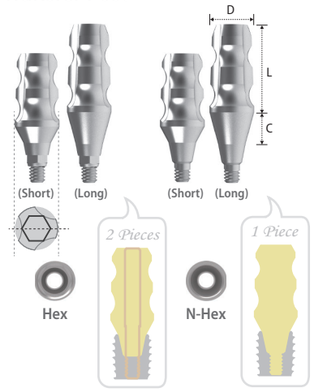
Pick-up Impression Coping



Type	Hex			N-Hex		
Length / Cuff \ *Diameter*	Ø4.5	Ø5.5	Ø6.5	Ø4.5	Ø5.5	Ø6.5
14 (Short) / 4	2SIH454S	2SIH554S	2SIH654S	2SIN454S	2SIN554S	2SIN654S
14 (Short) / 2	2SIH45S	2SIH55S	2SIH65S	2SIN45S	2SIN55S	2SIN65S
16 (Long) / 4	2SIH45L	2SIH55L	2SIH65L	2SIN45L	2SIN55L	2SIN65L

> Packing unit : 1 Pick-up Impression Coping + 1 Guide Pin.
> For open tray impression.
> Connected with the Guide Pin (2SISR001SS / 2SISR001SL).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15Ncm.

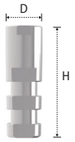
Transfer Post



Type	Hex			N-Hex		
Diameter / *Length / Cuff*	Ø4.5	Ø5.5	Ø6.5	Ø4.5	Ø5.5	Ø6.5
9 (Short) / 2	2**STH**45**S**	2**STH**55**S**	2**STH**65**S**	2**STN**45**S**	2**STN**55**S**	2**STN**65**S**
11 (Long) / 4	2**STH**45**L**	2**STH**55**L**	2**STH**65**L**	2**STN**45**L**	2**STN**55**L**	2**STN**65**L**

> Packing unit : Hex - 1 Transfer Post + 1 Guide Pin / N-Hex - 1 Transfer Post (Solid Type).
> For closed tray impression.
> Connected with the Guide Pin (2STH001SS / 2STH001SL).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15Ncm.

Digital Analog



Height / *Diameter*	Ø3.9
12	2**SDR**001

> Packing unit: 1 Digital Analog.
> Analog of fixture for working cast.
> Used for both 3D printed model (RP) and stone model.

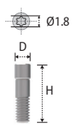
Abutment Screw

2SSHR100 2SSHR200

Height / *Diameter*	Ø2.45	Ø2.15
8.5	2**SSHR**100	2**SSHR**200

> Packing unit : 1 Abutment Screw.
> 2SSHR100 : Hybrid Block / Scanbody.
> 2SSHR200 : Hybrid S & L Ti-Base.
> Tightened with the 1.2 Hex Driver and Torque Wrench.

A Abutment Screw



Diameter / *Height*	2	3.2	4.2
Ø2.15	2**SLAH**100	2**SLAH**200	2**SLAH**300

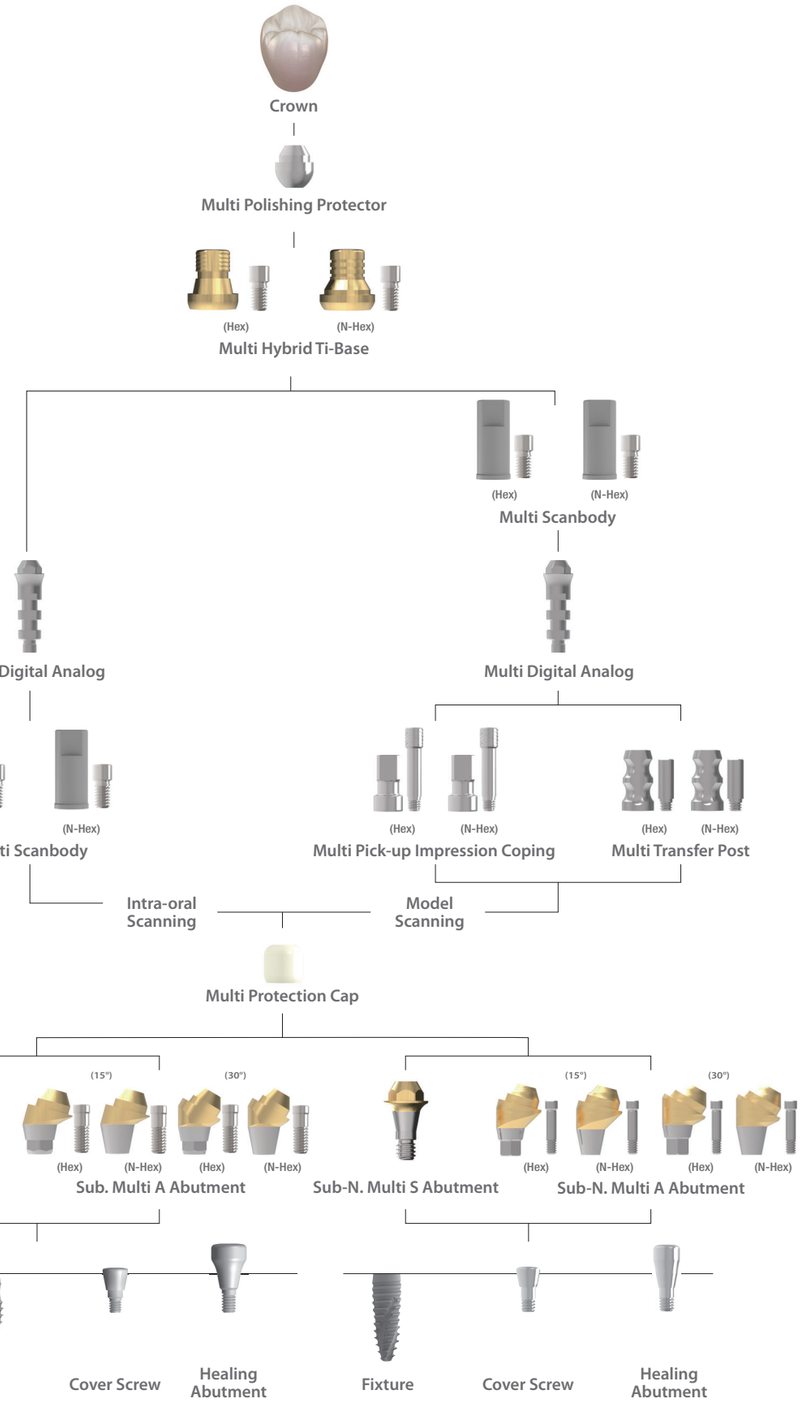
> Packing unit : 1 A Abutment Screw.
> Exclusive for Hybrid A Ti-Base (2SLAH100 for 2SLH404A, 2SLAH200 for 2SLH424A & 2SLAH300 for 2SLH434A).
> Tightened with the Angulated Driver and Torque Wrench.

Component selection guide for the Sub. & Sub-N. Multi Hybrid Ti-Base System

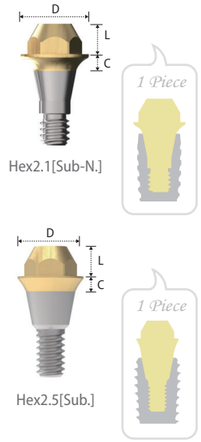
- Intra-oral scanning
- Model-scanning

SUB. HEXAGON SYSTEM

SUB-N. HEXAGON SYSTEM



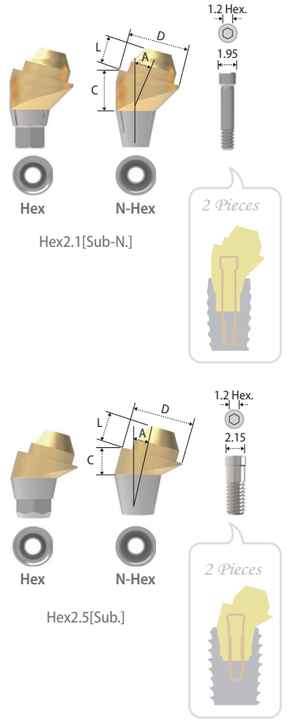
Multi S Abutment



Fixture Connection	Hex2.1[Sub-N.]	Hex2.5[Sub.]	
Platform[Fixture Dia.]	Ø4.5 [Ø3.1 / Ø3.3]	Ø4.5 [Ø3.5 / Ø4.0 / Ø4.5 / Ø5.0 / Ø5.5 / Ø6.0]	
Diameter	Ø4.5	Ø4.5	Ø5.5
Cuff \ Length	2	2	2
1	SMS451N	2SMS451	2SMS551
2	SMS452N	2SMS452	2SMS552
3	SMS453N	2SMS453	2SMS553
4	SMS454N	2SMS454	2SMS554
5		2SMS455	2SMS555

> Packing unit: 1 Multi S Abutment.
> For Screw-Retained Prosthesis.
> Titanium base for the Multi Hybrid Ti-Base.
> Gold color for more translucent restoration.
> Library available for EXOCAD®, 3Shape® & others.
> Integrated with the screw and abutment (solid screw).
> Use the S Holder for more stable position.
> Tightened with the S Machine or S Ratchet Driver and Torque Wrench.
> Tightening torque force: 30 N.cm (Sub.) / 20~25 N.cm (Sub-N.).
> Use the Multi Scanbody for digital flow.
> Abutment level impression.

Multi A Abutment

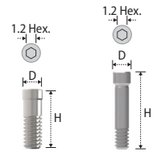


Type	Hex					
Fixture Connection	Hex2.1[Sub-N.]		Hex2.5[Sub.]			
Platform[Fixture Dia.]	Ø4.5 [Ø3.1 / Ø3.3]		Ø4.5 [Ø3.5 / Ø4.0 / Ø4.5 / Ø5.0 / Ø5.5 / Ø6.0]		Ø5.5 [Ø3.5 / Ø4.0 / Ø4.5 / Ø5.0 / Ø5.5 / Ø6.0]	
Diameter(Angle)	Ø4.5(15°)	Ø4.5(30°)	Ø4.5(15°)	Ø4.5(30°)	Ø5.5(15°)	Ø5.5(30°)
Cuff \ Length	2	2	2	2	2	2
2	★ SMAH45152N		● 2SMAH45152			
3	● SMAH45153N	★ SMAH45303N	★ 2SMAH45153	● 2SMAH45303	★ 2SMAH55153	★ 2SMAH55303
4	● SMAH45154N	● SMAH45304N	★ 2SMAH45154	★ 2SMAH45304	★ 2SMAH55154	★ 2SMAH55304
5					★ 2SMAH55155	★ 2SMAH55305

Type	N-Hex					
Fixture Connection	Hex2.1[Sub-N.]		Hex2.5[Sub.]			
Platform[Fixture Dia.]	Ø4.5 [Ø3.1 / Ø3.3]		Ø4.5 [Ø3.5 / Ø4.0 / Ø4.5 / Ø5.0 / Ø5.5 / Ø6.0]		Ø5.5 [Ø3.5 / Ø4.0 / Ø4.5 / Ø5.0 / Ø5.5 / Ø6.0]	
Diameter(Angle)	Ø4.5(15°)	Ø4.5(30°)	Ø4.5(15°)	Ø4.5(30°)	Ø5.5(15°)	Ø5.5(30°)
Cuff \ Length	2	2	2	2	2	2
2	★ SMAN45152N		● 2SMAN45152			
3	● SMAN45153N	★ SMAN45303N	★ 2SMAN45153	● 2SMAN45303	★ 2SMAN55153	★ 2SMAN55303
4	● SMAN45154N	● SMAN45304N	★ 2SMAN45154	★ 2SMAN45304	★ 2SMAN55154	★ 2SMAN55304
5					★ 2SMAN55155	★ 2SMAN55305

> Packing unit: 1 Multi A Abutment + 1 Abutment Screw.
> For Screw-Retained Prosthesis.
> Titanium base for the Multi Hybrid Ti-Base.
> Gold color for more translucent restoration.
> Library available for EXOCAD®, 3Shape® & others.
> Use the A Holder for more stable position.
> Connected with the Abutment Screw (SSHR200N: ★ SSHR300N: ● / 2SSHR300 : ★ 2SSHR400 : ●).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 30 N.cm (Sub.) / 20~25 N.cm (Sub-N.).
> Use the Multi Scanbody for digital flow.
> Abutment level impression.

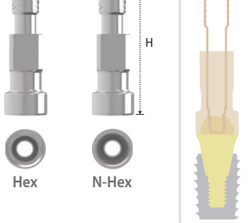
Abutment Screw



Diameter \ Height	8.7	9.3	7.5	6.5
1.95	★ SSHR200N	● SSHR300N		
2.15			★ 2SSHR300	● 2SSHR400

> Packing unit: 1 Abutment Screw.
> To connect the Multi A Abutment.
> Tightened with the 1.2 Hex Driver and Torque Wrench.

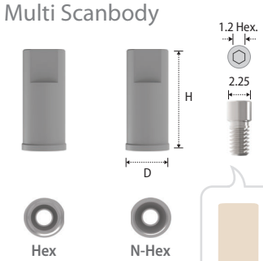
Multi Protection Cap



Multi S & A Abutment Diameter	Ø4.5	Ø5.5
Diameter \ Height	Ø5.2	Ø6.2
5	2SMPC45	2SMPC55

> Packing unit : 1 Multi Protection Cap.
> Protection from cheek and tongue for gingival healing period.
> Gingival retraction for prosthodontic margin of abutment.
> Alternative usage for sub-structure of temporary prosthesis.

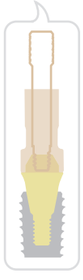
Multi Scanbody



Type	Hex	N-Hex
Multi S & A Abutment Diameter	Ø4.5 & Ø5.5	Ø4.5 & Ø5.5
Diameter \ Height	Ø4.5	Ø4.5
9	2SMB001H	2SMB001N

> Packing unit : 1 Multi Scanbody + 1 Multi Cylinder Screw.
> For both, model scanner and intra oral scanner.
> For the Multi Hybrid Ti-Base.
> Made of 100% titanium alloy with a special coating applied.
> No need to spray.
> Connected with the Multi Cylinder Screw (2SMCS100).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force : 12~15 N.cm.

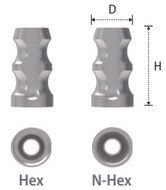
Multi Pick-up Impression Coping

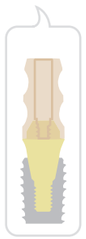


Type	Hex		N-Hex	
Multi S & A Abutment Diameter	Ø4.5	Ø5.5	Ø4.5	Ø5.5
Diameter \ Height	Ø4.65	Ø5.65	Ø4.65	Ø5.65
14.8	2SMIH45	2SMIH55	2SMIN45	2SMIN55

> Packing unit: 1 Multi Pick-up Impression Coping + 1 Guide Pin.
> For open tray impression.
> Connected with the Guide Pin (2SMGP012).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

Multi Transfer Post





Type	Hex		N-Hex	
Multi S & A Abutment Diameter	Ø4.5	Ø5.5	Ø4.5	Ø5.5
Diameter \ Height	Ø4.5	Ø5.5	Ø4.5	Ø5.5
8.5	2SMTH45	2SMTH55	2SMTN45	2SMTN55

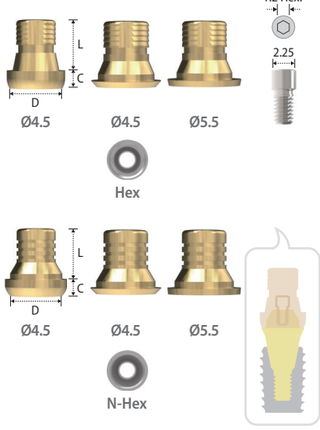
> Packing unit: 1 Multi Transfer Post + 1 Guide Pin.
> For closed tray impression.
> Connected with the Guide Pin (2SMTHS100).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

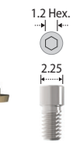
Multi Digital Analog

Multi S & A Abutment Diameter	Ø4.5	Ø5.5
Diameter \ Length	Ø4.5	Ø5.5
2	2SMLA45	2SMLA55

> Packing unit: 1 Multi Digital Analog.
> Replacement of the Multi S or A Abutment shape in working cast.
> Used for both 3D printed model (RP) and stone model.
> Select according to dimension of the Multi S or A Abutment.

Multi Hybrid Ti-Base





Type	Hex			N-Hex		
Multi S & A Abutment Diameter	Ø4.5	Ø4.5	Ø5.5	Ø4.5	Ø4.5	Ø5.5
Diameter	Ø4.5	Ø4.5	Ø5.5	Ø4.5	Ø4.5	Ø5.5
Length \ Cuff	4.5	4.5	4.5	4.5	4.5	4.5
0.5		2SMHT45H	2SMHT55H		2SMHT45N	2SMHT55N
1.5	2SMHT40H			2SMHT40N		

> Packing unit : 1 Multi Hybrid Ti-Base + 1 Multi Cylinder Screw.
> For Screw-Cement or Cement Retained Abutment.
> Titanium base for strength of CAD/CAM customized abutment or crown.
> Gold color for more translucent restoration.
> Cutting surface for anti-rotation of prosthesis.
> Library available for EXOCAD®, 3Shape® & Others.
> Connected with the Multi Cylinder Screw (2SMCS100).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force : 20 N.cm.
> Use the Scanbody for 3D Work.
> Abutment level impression.

Multi Cylinder Screw

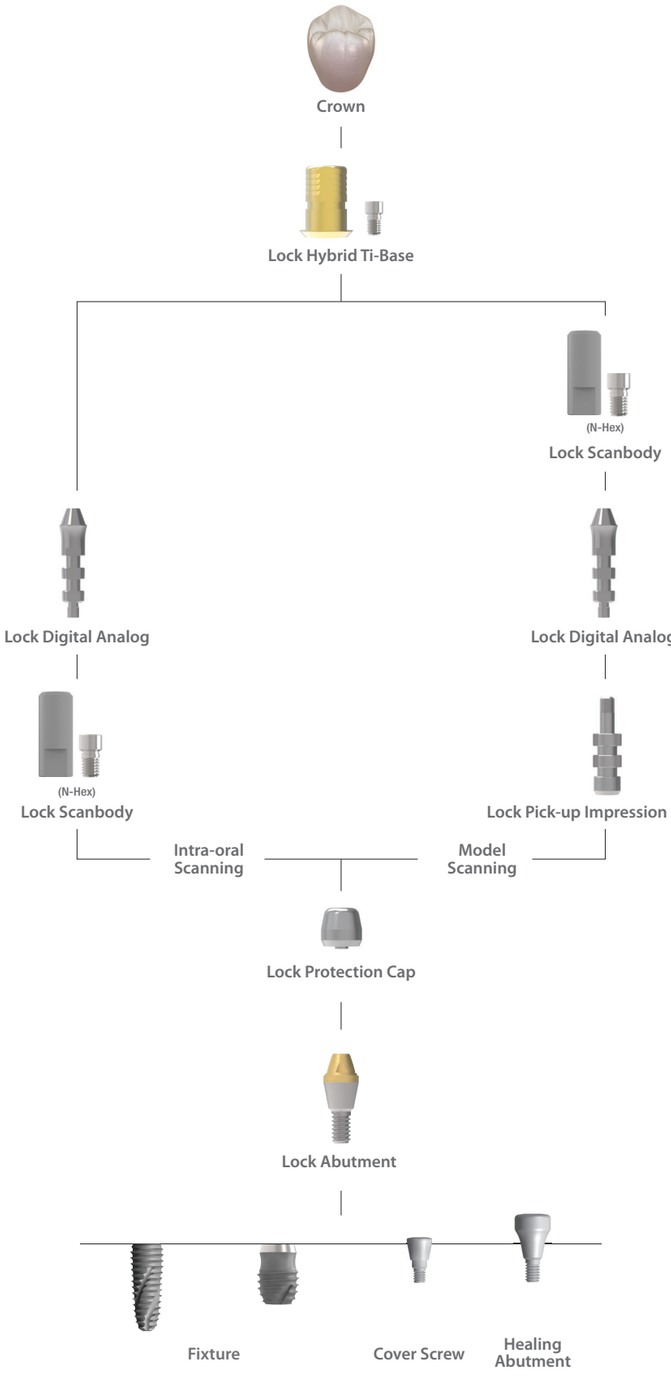
Diameter \ Height	Ø2.25
5	2SMCS100

> Packing unit : 1 Multi Cylinder Screw.
> Connected with the Multi Scanbody, Multi Hybrid Ti-Base.
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force : 20 N.cm.

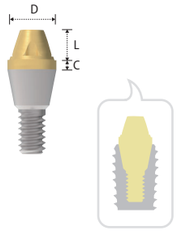
Component selection guide for the Sub. Lock Hybrid Ti-Base System

- Intra-oral scanning
- Model-scanning

SUB. HEXAGON SYSTEM



Lock Abutment



Diameter / Cuff \ Length	Ø3.5
	2.15
0.5	2SLA400
1	2SLA410
2	2SLA420
3	2SLA430
4	2SLA440

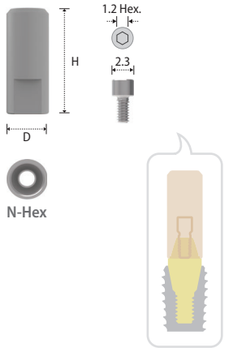
> Packing unit : 1 Lock Abutment.
> For Screw-Retained Prosthesis.
> Titanium base for Lock Hybrid Ti-Base.
> Gold color for more translucent restoration.
> Integrated with screw and abutment.
> Tightened with the Lock Ratchet Driver and Torque Wrench.
> Tightening torque force : 30 N.cm.
> Abutment level impression.

Lock Protection Cap

Lock Abutment Diameter	Ø3.5
Height \ Diameter	Ø3.5
4.3	2SLP45

> Packing unit : 1 Lock Protection Cap.
> Protection from cheek and tongue for gingival healing period.
> Gingival retraction for prosthodontic margin of abutment.

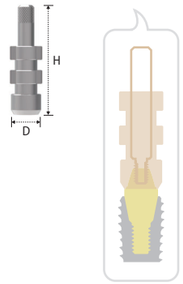
Lock Scanbody



Lock Abutment Diameter	Ø3.5
Height \ Diameter	Ø3.5
9	2SLB001H

> Packing unit : 1 Lock Scanbody + 1 Lock Cylinder Screw.
> For both, model scanner and intra oral scanner.
> For the Lock Hybrid Ti-Base.
> Made of 100% titanium alloy with a special coating applied.
> No need to spray.
> Connected with the Lock Cylinder Screw (2SLCS200).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force : 12~15 N.cm.

Lock Pick-up Impression Coping



Lock Abutment Diameter / Height	Ø3.5
16	2SLIH45

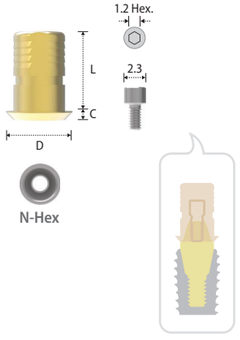
> Packing unit : 1 Lock Pick-up Impression Coping + 1 Guide Pin.
> Connected with the Guide Pin (2SLIH45S).
> For open tray impression.

Lock Digital Analog

Lock Abutment Diameter / Length	Ø3.5
2.2	2SLLA35

> Packing unit: 1 Lock Digital Analog.
> Used for both 3D printed model (RP) and stone model.

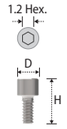
Lock Hybrid Ti-Base



Lock Abutment Diameter	Ø3.5
Diameter	Ø3.5
Cuff / Length	4.5
0.5	2SLHT40N

> Packing unit : 1 Lock Hybrid Ti-Base + 1 Lock Cylinder Screw.
> For Screw-Cement or Cement Retained Abutment.
> Titanium base for strength of CAD/CAM customized abutment or crown.
> Gold color for more translucent restoration.
> Cutting surface for anti-rotation of prosthesis.
> Library available for EXOCAD®, 3Shape® & Others.
> Connected with the Lock Cylinder Screw (2SLCS200).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force : 30 N.cm.
> Use the Scanbody for 3D Work.
> Abutment level impression.

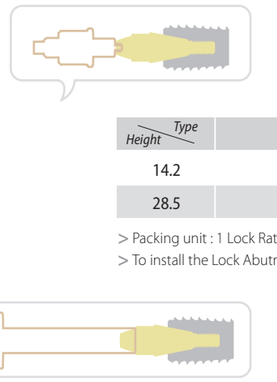
Lock Cylinder Screw



Height / Diameter	Ø2.3
4.8	2SLCS200

> Packing unit : 1 Lock Cylinder Screw.
> Connected with the Lock Scanbody, Lock Hybrid Ti-Base.
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force : 30 N.cm.

Lock Ratchet Driver



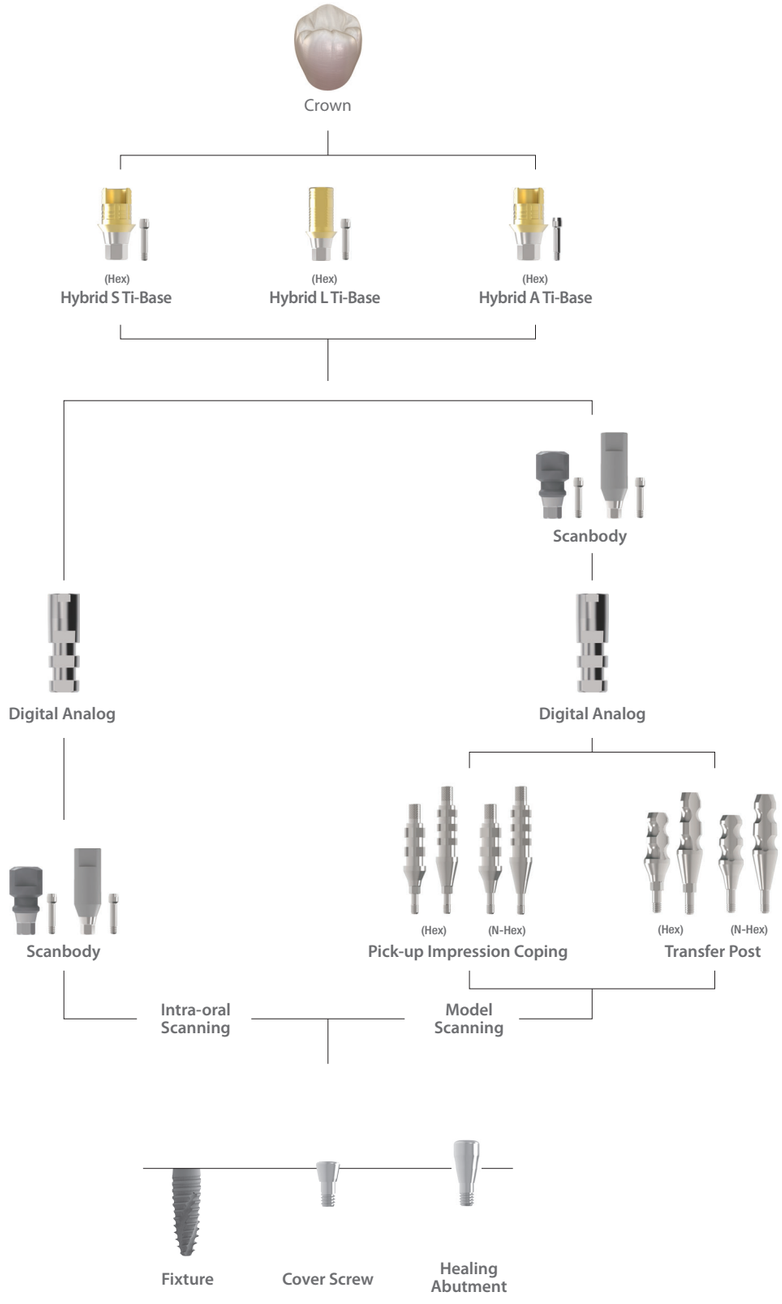
Height / Type	Ratchet
14.2	KRLRD18
28.5	KRLRD28

> Packing unit : 1 Lock Ratchet Driver.
> To install the Lock Abutment by hand.

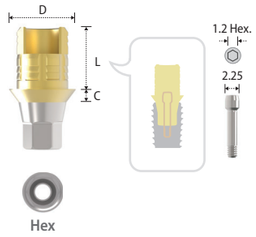
Component selection guide for the Sub-N. Hybrid Ti-Base System

- Intra-oral scanning
- Model-scanning

SUB-N. HEXAGON SYSTEM



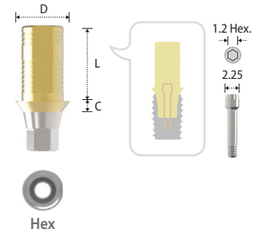
Hybrid S Ti-Base



Type	Hex
Diameter	Ø4.0
Length / *Cuff*	3.75
0.8	SLH404N
2	SLH424N
3	SLH434N

> Packing unit : 1 Hybrid S Ti-Base + 1 Abutment Screw.
> For Screw-Cement or Cement Retained Abutment.
> Titanium base for strength of CAD/CAM customized abutment or crown.
> Gold color for more translucent restoration.
> Lingual surface hole for more esthetic restoration.
> Right angled for anti-rotation of prosthesis.
> Library available for EXOCAD®, 3Shape® & Others.
> Connected with the Abutment Screw (SSHR100N).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force : 20~25 N.cm.
> Use the Scanbody for 3D Work.
> Fixture level impression.

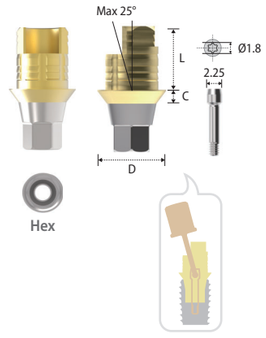
Hybrid L Ti-Base



Type	Hex
Diameter	Ø4.0
Length / *Cuff*	5.5
1	SLH415N
2	SLH425N
3	SLH435N

> Packing unit : 1 Hybrid L Ti-Base + 1 Abutment Screw.
> For Screw-Cement or Cement Retained Abutment.
> Titanium base for strength of CAD/CAM customized abutment or crown.
> Gold color for more translucent restoration.
> Cutting surface for anti-rotation of prosthesis.
> Library available for EXOCAD®, 3Shape® & Others.
> Connected with the Abutment Screw (SSHR100N).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force : 20~25 N.cm.
> Use the Scanbody for 3D Work.
> Fixture level impression.

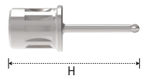
Hybrid A Ti-Base



Type	Hex
Diameter	Ø4.0
Length / *Cuff*	3.75
0.8	SLH404AN
2	SLH424AN
3	SLH434AN

> Packing unit : 1 Hybrid A Ti-Base + 1 Abutment Screw.
> For Screw-Cement or Cement Retained Abutment.
> Titanium base for strength of CAD/CAM customized abutment or crown.
> For Fabrication of Angulated Screw Channel up to 25°.
> Library available for EXOCAD®, 3Shape® & Others.
> Connected with the Stargrip Abutment Screw (SLAH100N, SLAH200N & SLAH300N).
> Tightened with the Angulated Screw Ratchet Driver and Torque Wrench.
> Tightening torque force : 20~25 N.cm.
> Use the Scanbody for 3D Work.
> Fixture level impression.

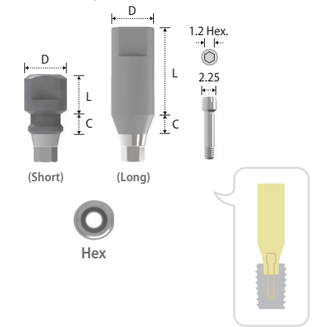
* Angulated Screw Ratchet Driver



Height / *Type*	Ratchet
24(Short)	KRBUD15
29(Long)	KRBUD20

> Stable to internal slip or fracture due to wide contact area of the Angulated Driver and the dedicated Stargrip Abutment Screw.
> Tightening torque force : 30 N.cm (50 N.cm Max.).

Scanbody



Type	Hex(Short)	Hex(Long)
Diameter	Ø4.3	Ø4.3
Length / *Cuff*	4	9
2	SSB4325N	SSB4329N

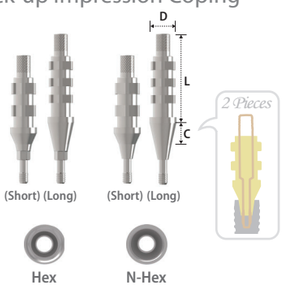
> Packing unit : 1 Scanbody + 1 Abutment Screw.
> For both, model scanner and intra oral scanner.
> For the Hybrid S and L Ti-Base.
> Made of 100% titanium alloy with a special coating applied.
> No need to spray.
> Connected with the Abutment Screw (SSHR100N).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force : 12~15 N.cm.

Digital Analog

Height / *Diameter*	Ø3.9
12	SDR001N

> Packing unit: 1 Digital Analog.
> Analog of fixture for working cast.
> Used for both 3D printed model (RP) and stone model.

Pick-up Impression Coping



Type	Hex	N-Hex
Diameter / *Length / Cuff*	Ø4.5	Ø4.5
14 (Short) / 2	SIH45SN	SIN45SN
16 (Long) / 4	SIH45LN	SIN45LN

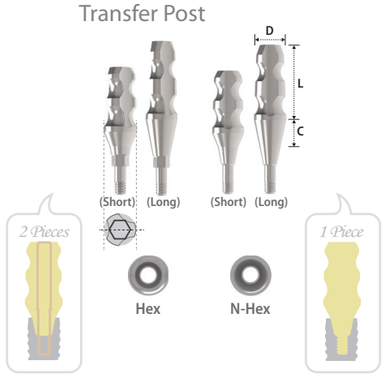
> Packing unit : 1 Pick-up Impression Coping + 1 Guide Pin.
> For open tray impression.
> Connected with the Guide Pin (SIS001SN / SIS001LN).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15Ncm.

Abutment Screw

Height / *Diameter*	Ø2.25
10.2	SSHR100N

> Packing unit : 1 Abutment Screw.
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force : 20~25 N.cm.

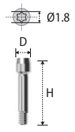
Transfer Post



Type	Hex	N-Hex
Diameter / *Length / Cuff*	Ø4.5	Ø4.5
9 (Short) / 2	STH45SN	STN45SN
11 (Long) / 4	STH45LN	STN45LN

> Packing unit : Hex - 1 Transfer Post + 1 Guide Pin / N-Hex - 1 Transfer Post (Solid Type).
> For closed tray impression.
> Connected with the Guide Pin (STS001SN / STS001LN).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15Ncm.

A Abutment Screw



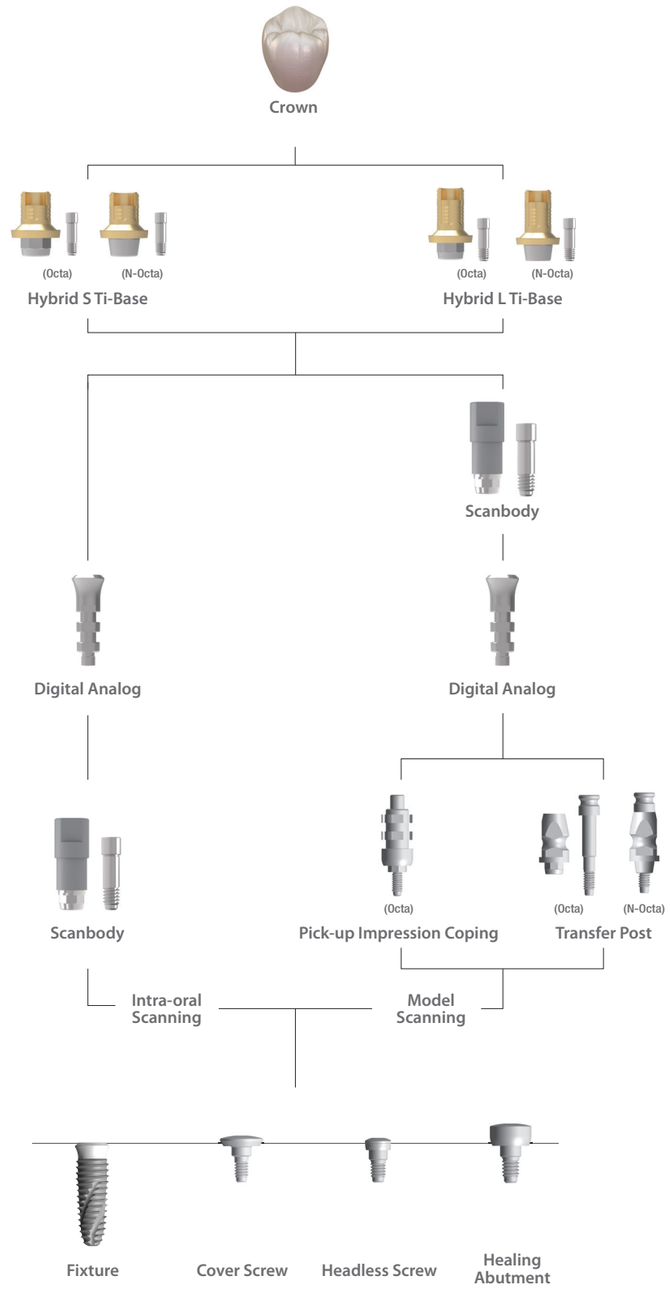
Diameter / *Height*	10.2	11.4	12.4
Ø2.25	SLAH100N	SLAH200N	SLAH300N

> Packing unit : 1 A Abutment Screw.
> Exclusive for Hybrid A Ti-Base (SLAH100N for SLH404AN, SLAH200N for SLH424AN & SLAH300N for SLH434AN).
> Tightened with the Angulated Driver and Torque Wrench.

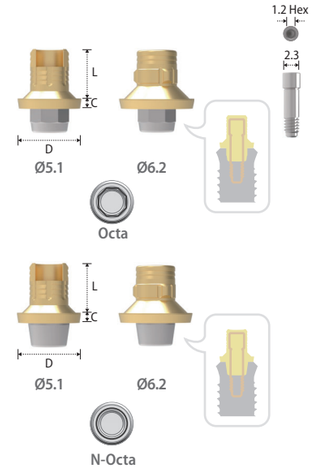
Component selection guide for the Int. Hybrid Ti-Base System

- Intra-oral scanning
- Model-scanning

INT. OCTAGON SYSTEM



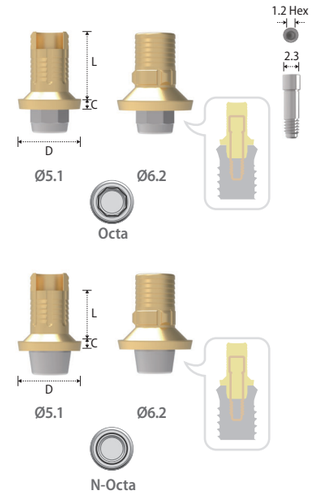
Hybrid S Ti-Base



Type	Octa		N-Octa	
Platform [Fixture Dia.]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]
Diameter	Ø5.1	Ø6.2	Ø5.1	Ø6.2
Cuff \ Length	4	4	4	4
0.8	ILO4814	ILO5914	ILN4814	ILN5914
2	ILO4824	ILO5924	ILN4824	ILN5924
3	ILO4834	ILO5934	ILN4834	ILN5934

> Packing unit: 1 Hybrid S Ti-Base + 1 Abutment Screw.
> For Screw-Cement or Cement Retained Abutment.
> Gold color for more translucent restoration.
> Library available for EXOCAD®, 3Shape® & others.
> Connected with the Abutment Screw (ILHS100).
> Tightened with the 1.2 Hex Ratchet Driver and Torque Wrench.
> Tightening torque force: 30 N.cm.
> Use the Scanbody for digital workflow.
> Fixture level impression.

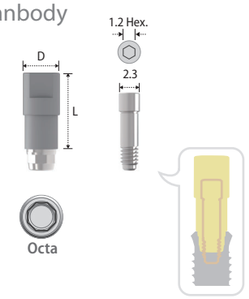
Hybrid L Ti-Base



Type	Octa		N-Octa	
Platform [Fixture Dia.]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]
Diameter	Ø5.1	Ø6.2	Ø5.1	Ø6.2
Cuff \ Length	5.5	5.5	5.5	5.5
0.8	ILO4815	ILO5915	ILN4815	ILN5915
2	ILO4825	ILO5925	ILN4825	ILN5925
3	ILO4835	ILO5935	ILN4835	ILN5935

> Packing unit: 1 Hybrid L Ti-Base + 1 Abutment Screw.
> For Screw-Cement or Cement Retained Abutment.
> Gold color for more translucent restoration.
> Library available for EXOCAD®, 3Shape® & others.
> Connected with the Abutment Screw (ILHS100).
> Tightened with the 1.2 Hex Ratchet Driver and Torque Wrench.
> Tightening torque force: 30 N.cm.
> Use the Scanbody for digital workflow.
> Fixture level impression.

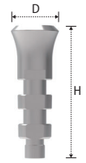
Scanbody



Type	Octa
Platform [Fixture Dia.]	Ø4.8 & Ø5.9 [Ø3.5 / Ø4.0 / Ø4.5, Ø5.0 / Ø6.0]
Diameter / Length	Ø4.5
6	ISB406
10	ISB410

> Packing unit: 1 Scanbody + 1 Abutment Screw.
> For both intra-oral scanning and model-scanning.
> Made of 100% titanium alloy with a special coating applied.
> No need to spray.
> Connected with the Abutment Screw (ISHR110).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

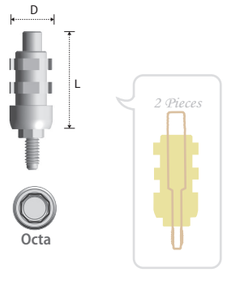
Digital Analog



Platform [Fixture Dia.]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]
Diameter / Height	Ø4.8	Ø5.9
13.5	IDR001R	IDR001W

> Packing unit: 1 Digital Analog.
> Analog of fixture for working cast.
> Used for both 3D printed model (RP) and stone model.
> Select according to fixture platform.

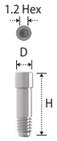
Pick-up Impression Coping



Type	Octa	
Platform [Fixture Dia.]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]
Diameter / Length	Ø5.5	Ø6.6
13.7	IIOR001	IIOW001

> Packing unit : 1 Pick-up Impression Coping + 1 Guide Pin.
> For open tray impression.
> Connected with the Guide Pin (IIOR001S).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

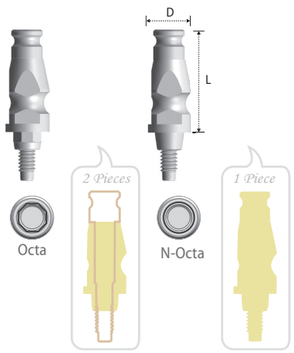
Abutment Screw



Diameter / Height	Ø2.3
8.6	ILHS100

> Packing unit : 1 Abutment Screw.
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force : 30 N.cm.

Transfer Post



Type	Octa		N-Octa	
Platform [Fixture Dia.]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]
Diameter / Length	Ø4.8	Ø5.9	Ø4.8	Ø5.9
11.6	ITOR400	ITOW500	ITNR400	ITNW500

> Packing unit: Octa - 1 Transfer Post + 1 Guide Pin / N-Octa - 1 Transfer Post (Solid Type).
> For closed tray impression.
> Connected with the Guide Pin (Regular: ITOR400S / Wide: ITOW500S).
> Tightened with the 1.2 Hex Driver and Torque Wrench.
> Tightening torque force: 12~15 N.cm.

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