



COWELL® Implant Solution

Help your daily practice superior
Ver.29

CWM

Cowellmedi Co., Ltd.
The pioneers in Dental Implant & ErhBMP-2

COWELL® IMPLANT SYSTEM

Help your daily practice superior



Volume-up™ Healing Abutment
Devised to prevent food penetration and form aesthetic cervical areas by restoring the contracted buccal alveolar bone and gingiva to their original shape and width.

INNO Submerged Narrow Fixture
Designed for the anterior esthetic zone with the narrow alveolar ridge. Double tapered threads acquire higher primary stability through a wedge action.



INNO Submerged Short Fixture
Designed for severe bone resorption. Wide and deep upper threads prevent the compressive necrosis of the cortical bone.

Miniplus® Fixture
Designed for mandible anterior spaces and edentulous arch. Semi-permanent or temporary solution for anterior spaces with the extremely narrow ridge.

INNO External Fixture
The platform neck with open thread aids in the stable engraftment of the periosteum at the bone-implant interface.

INNO Submerged Fixture
Designed for all clinical cases, including immediate implant placement, immediate loading, implant depth adjustment, maxillary sinus, etc. Simply doing all for your implant treatment.

INNO Internal Fixture
4 spiral round cutting edges maximize the efficiency of self-tapping with a sharp edge and accommodate bone chips as ideal cutting edge pocket space.

Meta G UCLA Abutment
Castable abutment with a metal base that can be modified into angulated, telescopic, and custom abutment.

Easy Temporary Abutment
Temporary restoration for the anterior esthetic zone that offers a simpler, speedier, and safer chair-side process.

Angulated Abutment
A simple solution for the anterior esthetic zone.

Milling Abutment
Block abutment to customize contouring.

Multi S&A Abutment
Designed for both edentulous and partially edentulous arches. A broad range of prosthetic options meets diverse clinical requirements.

Lock Abutment
Designed for the same purpose as the Multi S&A Abutment, but for prosthetic restorations in narrow ridges.

Sonator 80's S&A Abutment
Designed for use with removable implant-supported overdentures in whole or part by endosseous implants in maxilla and mandible.

Ball Abutment
Used to treat patients with minimal standards of care for implant-supported overdentures at an affordable cost.

Cemented Abutment
The anti-rotational face prevents the prosthesis from rotating, keeping the prosthesis stable.

Beauty-up™ Abutment
Specially designed to solve esthetical and functional challenges when SCRP with angulated screw channel is required in the anterior portion.



System Flow

Fixture		Abutment		Impression
Hex 2.5 Length 7 / 8 / 10 12 / 14 16 / 18mm Diameter Ø3.5 / 4.0 / 4.5 / 5.0 / 6.0 Hex 2.5 Length 4mm Diameter Ø4.0 / 4.5 / 5.0 / 5.5 / 6.0	Prosthetic Procedure I	036p  Cemented Abutment 036p  Angulated Abutment 037p  Beauty-up™ Abutment 037p  Milling Abutment 037p  Easy Temporary Abutment 038p  Temporary Abutment 038p  Meta G UCLA Abutment 038p  Plastic UCLA Abutment	Fixture Level Impression	039p  Replica 040p  Bite Impression Coping 040p  Pick-up Impression Coping 040p  Transfer Post
	Prosthetic Procedure II	042p  Multi S Abutment 042p  Multi A Abutment 044p  Multi Meta G UCLA Cylinder 044p  Multi Plastic UCLA Cylinder 045p  Multi Titanium Cylinder	Abutment Level Impression	043p  Multi Protection Cap 043p  Multi Pick-up Impression Coping 043p  Multi Transfer Post 044p  Multi Lab Analog
	Prosthetic Procedure III	048p  Lock Abutment 049p  Lock Meta G UCLA Cylinder 049p  Lock Titanium Cylinder		048p  Lock Protection Cap 048p  Lock Pick-up Impression Coping 049p  Lock Lab Analog
	Prosthetic Procedure IV	052p  Absolute Abutment		052p  Absolute Protection Cap 052p  Absolute Impression Cap 052p  Absolute Lab Analog 052p  Absolute Plastic Coping
	Prosthetic Procedure V	053p  Straight Abutment		Direct Impression
	Prosthetic Procedure VI	055p  Sonator S Abutment 055p  Sonator A Abutment		056p  Sonator Impression Coping 057p  Sonator Analog
	Prosthetic Procedure VII	059p  Ball Abutment	059p  Ball Analog	

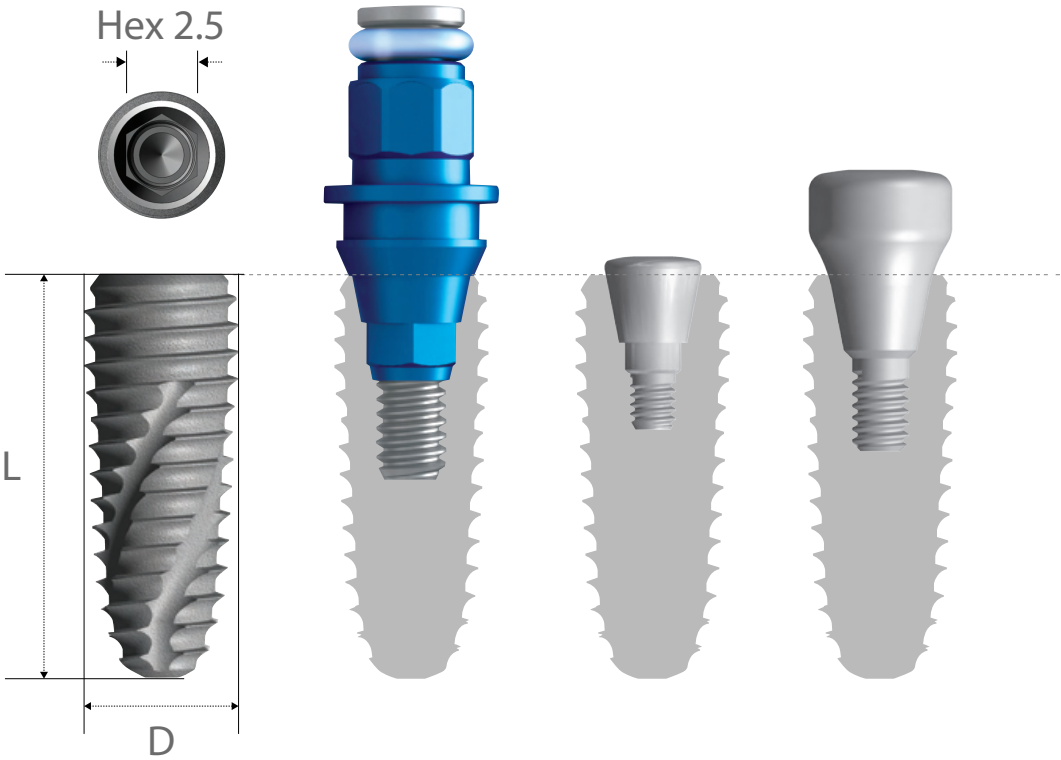
INNO Submerged Implant



Submerged Fixture

Surface Treatment: **SLA-SH™**

- > Interchangeable with hexagonal morse tapered fixture.
- > Internal hex connection (Taper 11°/ Hex 2.5).



INNO Fixture Code

S Type Submerged **T** body Taper **40** Diameter **Ø4.0** **10** Length **10mm** **S** Surface Treatment **SLA** **M** Mount No-Mount

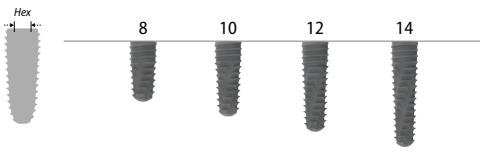
*Ex.)
SLA No-Mount **ST4010SM**

S Type Submerged **T** body Taper **40** Diameter **Ø4.0** **10** Length **10mm** **S** Surface Treatment **SLA** Mount Pre-Mount

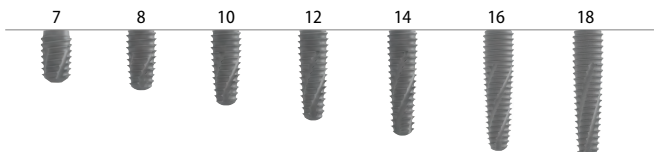
*Ex.)
SLA Pre-Mount **ST4010S**

No-Mount > Packing unit: 1 Fixture + 1 Cover Screw.

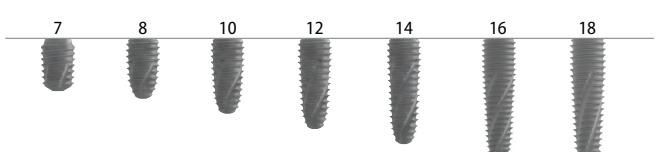
Diameter	Length
Ø3.5	
7	-
8	ST3508SM
10	ST3510SM
12	ST3512SM
14	ST3514SM



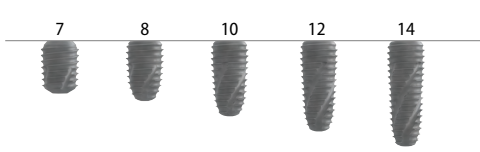
Diameter	Length
Ø4.0	
7	ST4007SM
8	ST4008SM
10	ST4010SM
12	ST4012SM
14	ST4014SM
16	ST4016SM
18	ST4018SM



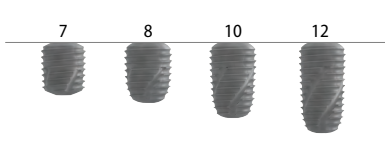
Diameter	Length
Ø4.5	
7	ST4507SM
8	ST4508SM
10	ST4510SM
12	ST4512SM
14	ST4514SM
16	ST4516SM
18	ST4518SM



Diameter	Length
Ø5.0	
7	ST5007SM
8	ST5008SM
10	ST5010SM
12	ST5012SM
14	ST5014SM

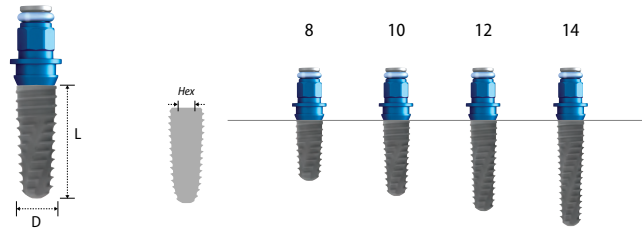


Diameter	Length
Ø6.0	
7	ST6007SM
8	ST6008SM
10	ST6010SM
12	ST6012SM
14	-

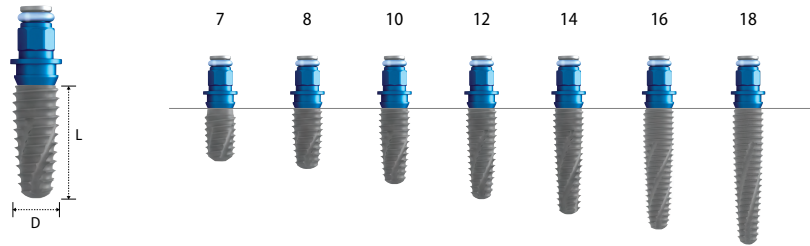


Pre-Mount > Packing unit: 1 Fixture + 1 Cover Screw + 1 Mount.

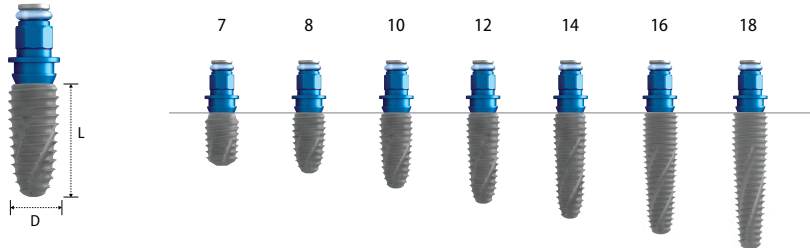
Diameter	Ø3.5
Length	
7	-
8	ST3508S
10	ST3510S
12	ST3512S
14	ST3514S



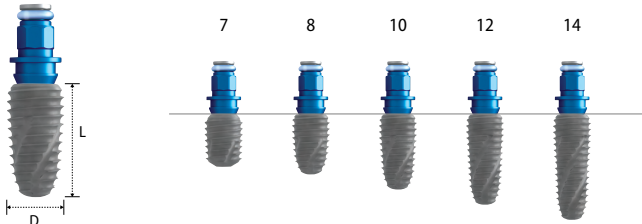
Diameter	Ø4.0
Length	
7	ST4007S
8	ST4008S
10	ST4010S
12	ST4012S
14	ST4014S
16	ST4016S
18	ST4018S



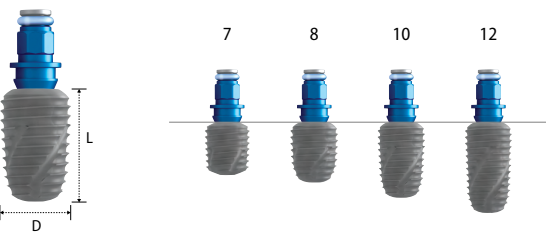
Diameter	Ø4.5
Length	
7	ST4507S
8	ST4508S
10	ST4510S
12	ST4512S
14	ST4514S
16	ST4516S
18	ST4518S



Diameter	Ø5.0
Length	
7	ST5007S
8	ST5008S
10	ST5010S
12	ST5012S
14	ST5014S



Diameter	Ø6.0
Length	
7	ST6007S
8	ST6008S
10	ST6010S
12	ST6012S
14	-

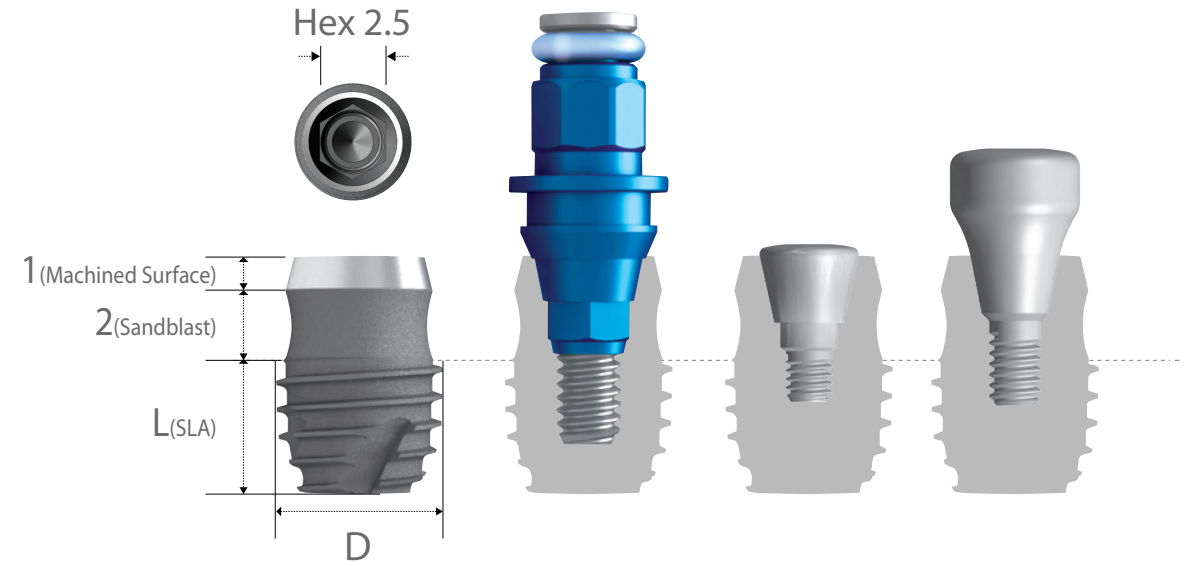


INNO Submerged Short Implant



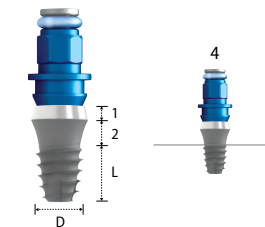
Submerged Short Fixture
Surface Treatment: **SLA-SH™**

- > Interchangeable with Hexagonal Morse Tapered Fixture.
- > Internal hex connection (Taper 11°/ Hex 2.5).

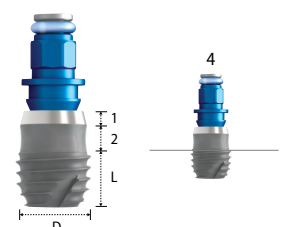


Pre-Mount > Packing Unit: 1 Fixture + 1 Cover Screw + 1 Mount.

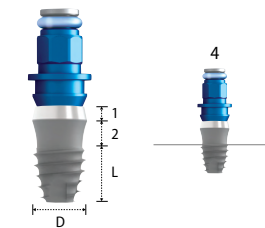
Diameter	Ø4.0
Length	
4	2ST4004S



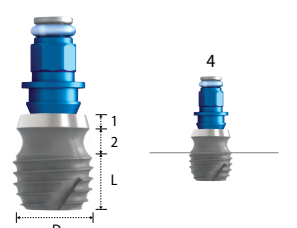
Diameter	Ø5.5
Length	
4	2ST5504S



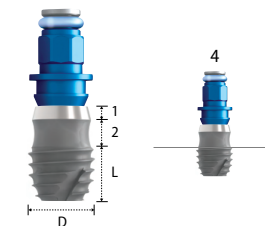
Diameter	Ø4.5
Length	
4	2ST4504S



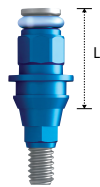
Diameter	Ø6.0
Length	
4	2ST6004S



Diameter	Ø5.0
Length	
4	2ST5004S



Fixture Mount



Length	5.4
	2SMHR001

- > Packing unit: 1 Mount + 1 Mount Screw.
- > Tightened with the 1.2 Hex Driver.
- > Tightening torque force: 5~10N.cm.

Cover Screw

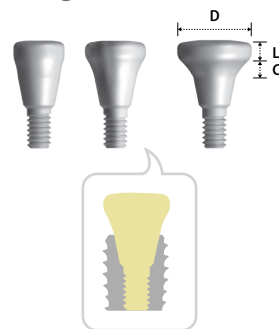


Diameter Length	Ø3.35	Ø3.75	Ø4.15
3	2SCS000		
4.2		* 2SCS001	
5.2			* 2SCS002

- > Packing unit: 1 Cover Screw.
- > To seal the conical interface of the fixture.
- > The longer Cover Screw for the deeply inserted fixture.
- > Tightened with the 1.2 Hex Driver.
- > Tightening torque force: 5~10N.cm.

*Extra Product

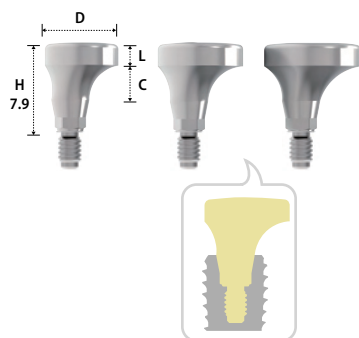
Healing Abutment



Diameter	Ø4.5		Ø5.5		Ø6.5	
Length Cuff	1	2	1	2	1	2
1	2HS4511		2HS5511		2HS6511	
2		2HS4522		2HS5522		2HS6522
3		2HS4532		2HS5532		2HS6532
4		2HS4542		2HS5542		2HS6542
5		2HS4552		2HS5552		2HS6552
7		2HS4572		2HS5572		2HS6572
Diameter	Ø7.5		Ø8.5		Ø9.5	
Length Cuff	2		2		2	
3	2HS7532		2HS8532		2HS9532	

- > Packing unit: 1 Healing Abutment.
- > For remodeling gingival contour during soft tissue healing.
- > Select the abutment according to gingival height and abutment type.
- > Tightened with the 1.2 Hex Driver.
- > Tightening torque force: 5~10N.cm.

Volume-up™ Healing Abutment



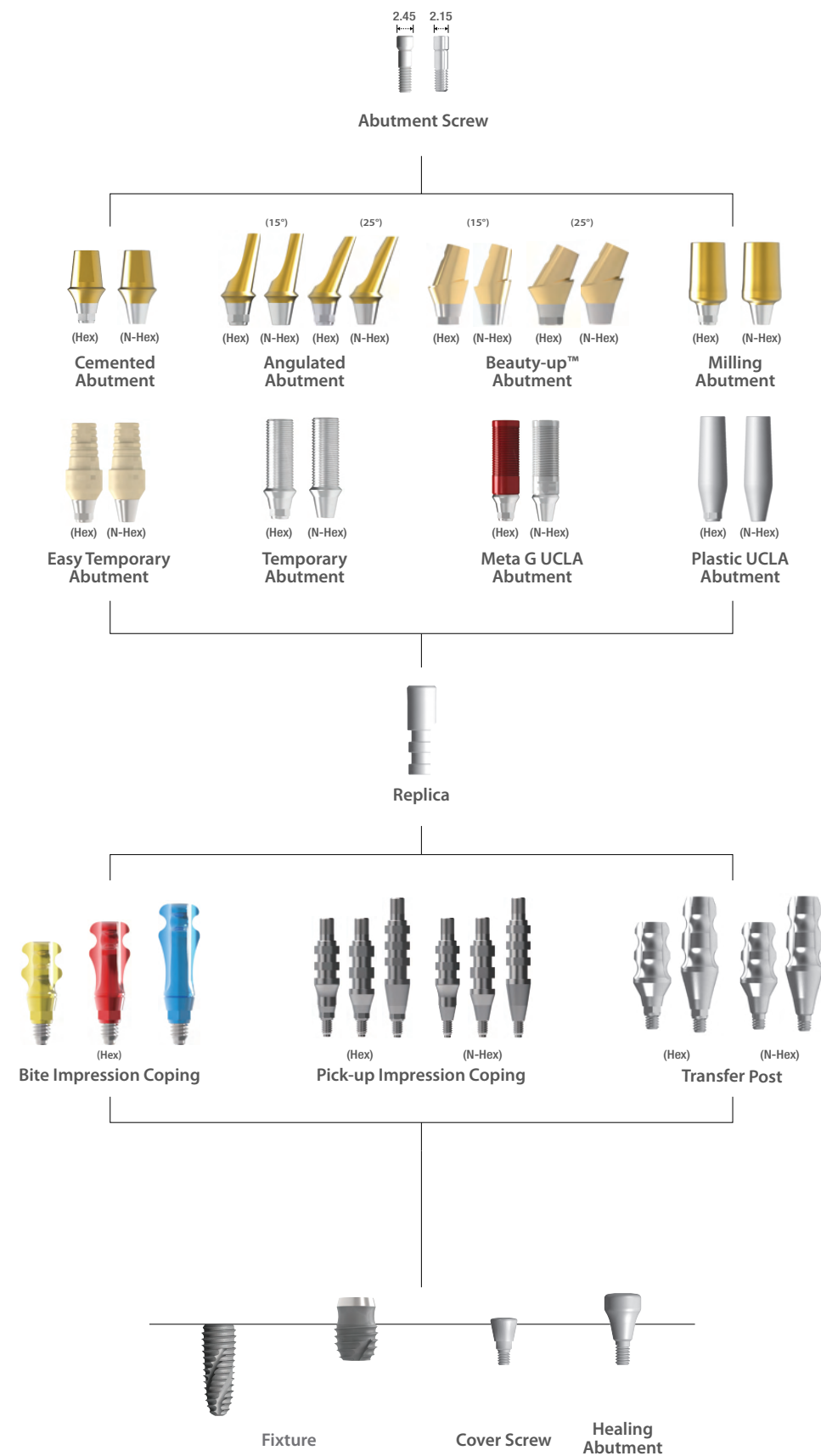
Diameter	Ø6.5	Ø7.5	Ø8.5
Length Cuff	2	2	2
3	VUHN6532	VUHN7532	VUHN8532

- > Packing unit: 1 Volume-up™ Healing Abutment (Inbuilt Abutment Screw).
- > Used for an implant procedure to form the gingival tissue and alveolar bone in the form of natural teeth and gums by prevention or minimizing the food penetration.
- > Extremely effective when used with the COWELL® BMP.
- > Recommended to use with the Volume-up™ Guide System.
- > Select the abutment according to gingival height and abutment type.
- > Tightened with the 1.2 Hex Driver.
- > Tightening torque force: 25~35N.cm.

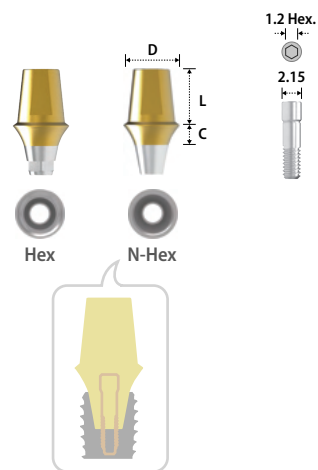


Prosthetic Procedure I

Components Selection Guide for Cemented and UCLA Abutment



Cemented Abutment

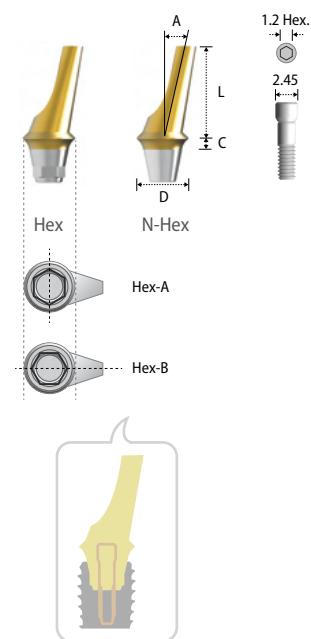


Type	Hex								
Diameter	Ø4.5			Ø5.5			Ø6.5		
Length Cuff	4	5.5	7	4	5.5	7	4	5.5	7
1	2SCH4514	2SCH4515	2SCH4517	2SCH5514	2SCH5515	2SCH5517	2SCH6514	2SCH6515	2SCH6517
2	2SCH4524	2SCH4525	2SCH4527	2SCH5524	2SCH5525	2SCH5527	2SCH6524	2SCH6525	2SCH6527
3	2SCH4534	2SCH4535	2SCH4537	2SCH5534	2SCH5535	2SCH5537	2SCH6534	2SCH6535	2SCH6537
4	2SCH4544	2SCH4545	2SCH4547	2SCH5544	2SCH5545	2SCH5547	2SCH6544	2SCH6545	2SCH6547
5	2SCH4554	2SCH4555	2SCH4557	2SCH5554	2SCH5555	2SCH5557	2SCH6554	2SCH6555	2SCH6557

Type	N-Hex								
Diameter	Ø4.5			Ø5.5			Ø6.5		
Length Cuff	4	5.5	7	4	5.5	7	4	5.5	7
1	2SCN4514	2SCN4515	2SCN4517	2SCN5514	2SCN5515	2SCN5517	2SCN6514	2SCN6515	2SCN6517
2	2SCN4524	2SCN4525	2SCN4527	2SCN5524	2SCN5525	2SCN5527	2SCN6524	2SCN6525	2SCN6527
3	2SCN4534	2SCN4535	2SCN4537	2SCN5534	2SCN5535	2SCN5537	2SCN6534	2SCN6535	2SCN6537
4	2SCN4544	2SCN4545	2SCN4547	2SCN5544	2SCN5545	2SCN5547	2SCN6544	2SCN6545	2SCN6547
5	2SCN4554	2SCN4555	2SCN4557	2SCN5554	2SCN5555	2SCN5557	2SCN6554	2SCN6555	2SCN6557

- > Packing unit: 1 Cemented Abutment + 1 Abutment Screw.
- > For Screw-Cement or Cement Retained Prosthesis.
- > Cutting surface for anti-rotation of the prosthesis.
- > Gold color for more translucent restoration.
- > 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: 30N.cm.
- > Use the Scanbody for 3D Work.
- > Fixture level impression.

Angulated Abutment

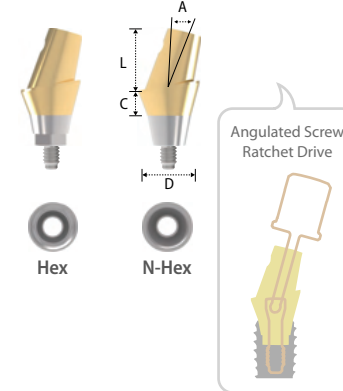


Type	Hex-A				Hex-B			
Diameter(Angle)	Ø4.5(15°)	Ø4.5(25°)	Ø5.5(15°)	Ø5.5(25°)	Ø4.5(15°)	Ø4.5(25°)	Ø5.5(15°)	Ø5.5(25°)
Length Cuff	8	8	8	8	8	8	8	8
1	2SAH45151	2SAH45251	2SAH55151	2SAH55251	2SAH45151B	2SAH45251B	2SAH55151B	2SAH55251B
2	2SAH45152	2SAH45252	2SAH55152	2SAH55252	2SAH45152B	2SAH45252B	2SAH55152B	2SAH55252B
3	2SAH45153	2SAH45253	2SAH55153	2SAH55253	2SAH45153B	2SAH45253B	2SAH55153B	2SAH55253B
4	2SAH45154	2SAH45254	2SAH55154	2SAH55254	2SAH45154B	2SAH45254B	2SAH55154B	2SAH55254B

Type	N-Hex			
Diameter(Angle)	Ø4.5(15°)	Ø4.5(25°)	Ø5.5(15°)	Ø5.5(25°)
Length Cuff	8	8	8	8
1	2SAN45151	2SAN45251	2SAN55151	2SAN55251
2	2SAN45152	2SAN45252	2SAN55152	2SAN55252
3	2SAN45153	2SAN45253	2SAN55153	2SAN55253
4	2SAN45154	2SAN45254	2SAN55154	2SAN55254

- > Packing unit: 1 Angulated Abutment + 1 Abutment Screw.
- > For Screw-Cement or Cement Retained Prosthesis.
- > Solution for the anterior esthetic zone.
- > Connected with the Abutment Screw (2SSHR100).
- > Gold color for more translucent restoration.
- > Select Hex-A or Hex-B according to the case.
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 30N.cm.
- > Fixture level impression.

Beauty-up™ Abutment



Type	Hex	N-Hex	Hex	N-Hex
Diameter(Angle)	Ø3.8 (15°)	Ø3.8 (15°)	Ø3.8 (25°)	Ø3.8 (25°)
Length Cuff	5	5	5	5
2	2SBH381525	2SBN381525	2SBH382525	2SBN382525

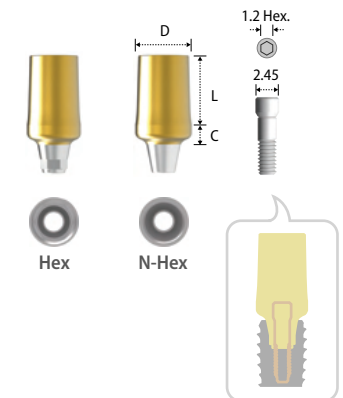
- > Packing unit: 1 Beauty-up™ Abutment (Inbuilt Abutment Screw).
- > For Screw-Cement Retained Prosthesis with angulated screw channel.
- > The ultimate solution for the anterior esthetic zone.
- > The gingival line of the Beauty-up™ Abutment allows more esthetic prosthesis.
- > Oval design allows lower incisal application (Mesiodistal diameter: 3.8mm).
- > Tightened with the Angulated Screw Ratchet Driver and Torque Wrench.
- > Tightening torque force: 30N.cm.
- > Library available for EXOCAD®, 3Shape® & Others.
- > 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: 30N.cm (50N.cm Max.).

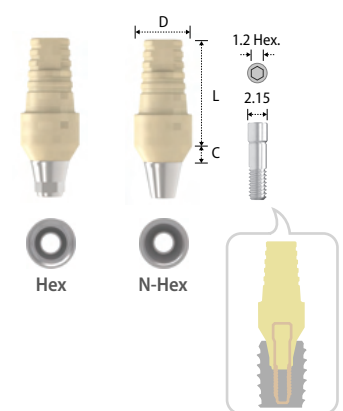
Milling Abutment



Type	Hex			N-Hex		
Diameter	Ø4.5	Ø5.5	Ø6.5	Ø4.5	Ø5.5	Ø6.5
Length Cuff	7	7	7	7	7	7
2	2SMH4527	2SMH5527	2SMH6527	2SMN4527	2SMN5527	2SMN6527
4	2SMH4547	2SMH5547	2SMH6547	2SMN4547	2SMN5547	2SMN6547

- > Packing unit: 1 Milling Abutment + 1 Abutment Screw.
- > For Screw-Cement or Cement Retained Prosthesis.
- > Block abutment for customized contouring.
- > Gold color for more translucent restoration.
- > Connected with the Abutment Screw (2SSHR100).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 30N.cm.
- > Fixture level impression.

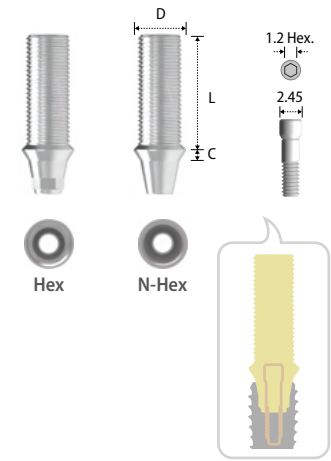
Easy Temporary Abutment



Type	Hex		N-Hex	
Diameter	Ø4.5	Ø5.5	Ø4.5	Ø5.5
Length Cuff	10	10	10	10
2	2STHA45C	2STHA55C	2STNA45C	2STNA55C

- > Packing unit: 1 Easy Temporary Abutment + 1 Abutment Screw.
- > For Screw Retained Prosthesis.
- > For simpler and speedier chair-side process.
- > Venerable polymer material.
- > Temporary restoration for the anterior esthetic zone.
- > Titanium core for strength.
- > Connected with the Abutment Screw (2SSHR200).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 20N.cm.
- > Fixture level impression.

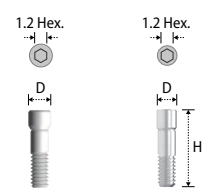
Temporary Abutment



Type	Hex	N-Hex
Diameter	Ø4.5	Ø4.5
Length	10	10
Cuff		
1	2STHA45	2STNA45

- > Packing unit: 1 Temporary Abutment + 1 Abutment Screw.
- > For Screw-Cement Retained Prosthesis.
- > For provisional restoration.
- > Connected with the Abutment Screw (2SSHR100).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 20N.cm.
- > Fixture level impression.

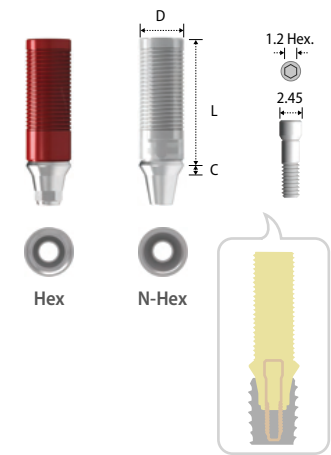
Abutment Screw



Diameter	Ø2.45	Ø2.15
Height	8.5	8.5
	2SSHR100	2SSHR200

- > Packing unit: 1 Abutment Screw.
- > 2SSHR100: Angulated, Milling, Temporary, Meta G UCLA, and Plastic UCLA Abutment.
- > 2SSHR200: Cemented and Easy Temporary Abutment.
- > Tightened with the 1.2 Hex Driver and Torque Wrench.

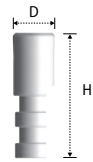
Meta G UCLA Abutment



Type	Hex	N-Hex
Diameter	Ø4.5	Ø4.5
Length	12	12
Cuff		
1	2SGH45N	2SGN45N
2	2SGH452N	2SGN452N
3	2SGH453N	2SGN453N

- > Packing unit: 1 Meta G UCLA Abutment + 1 Abutment Screw.
- > For Screw-Cement or Screw Retained Prosthesis.
- > Modification to the angulated abutment, customized abutment, and telescopic abutment.
- > CCM alloy core for precise connection.
- > Cast with non-precious metal or gold alloy.
- > Connected with the Abutment Screw (2SSHR100).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 30N.cm.
- > Fixture level impression.

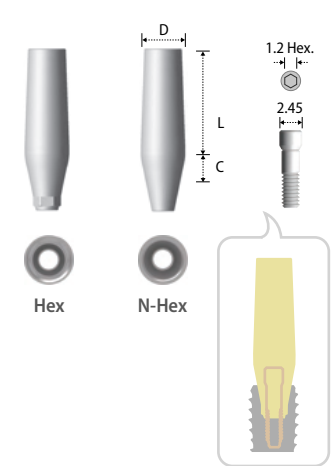
Replica



Diameter	Ø4
Height	12
	2SRHR001

- > Packing unit: 1 Replica.
- > Mimicking of the conical interface of the fixture.
- > Analog of fixture for the working cast.

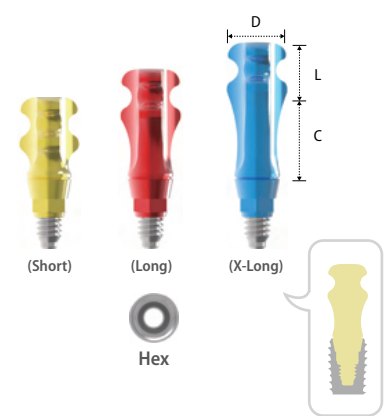
Plastic UCLA Abutment



Type	Hex	N-Hex
Diameter	Ø4.5	Ø5.5
Length	11	11
Cuff		
3	2SPHR001	2SPHW001
		2SPNR001
		2SPNW001

- > Packing unit: 1 Plastic UCLA Abutment + 1 Abutment Screw.
- > Same purpose of use as the Meta G UCLA Abutment but the low accuracy of connection during lab procedure.
- > PMMA material.
- > Connected with the Abutment Screw (2SSHR100).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: Finger light force during wax pattern fabrication, 30N.cm after casting.
- > Fixture level impression.

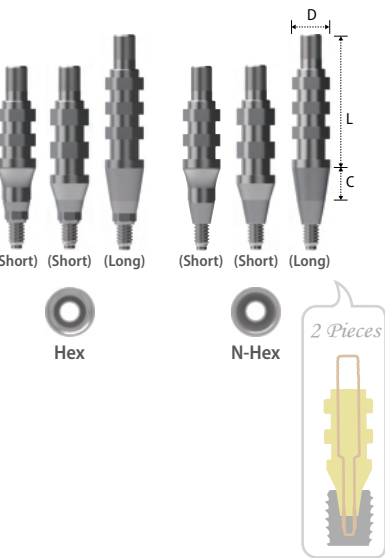
Bite Impression Coping



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.
- > Tightening torque force: 12~15N.cm.

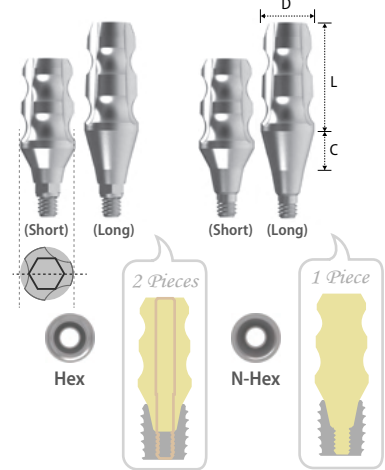
Pick-up Impression Coping



Type	Hex			N-Hex		
Diameter / Length / Cuff	Ø4.5	Ø5.5	Ø6.5	Ø4.5	Ø5.5	Ø6.5
12 (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: 12~15N.cm.

Transfer Post

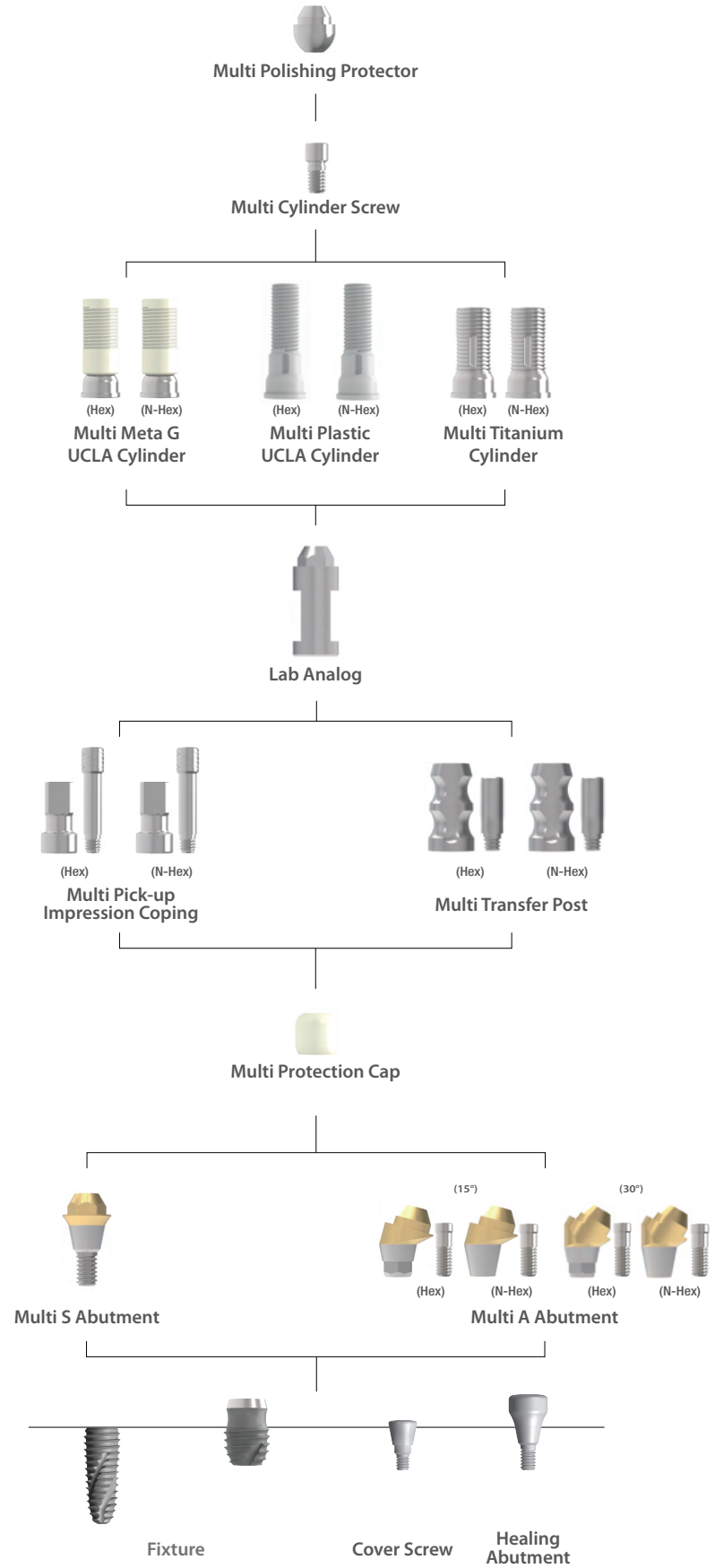


Type	Hex			N-Hex		
Diameter / Length / Cuff	Ø4.5	Ø5.5	Ø6.5	Ø4.5	Ø5.5	Ø6.5
9 (Short) / 2	2STH45S	2STH55S	2STH65S	2STN45S	2STN55S	2STN65S
11 (Long) / 4	2STH45L	2STH55L	2STH65L	2STN45L	2STN55L	2STN65L

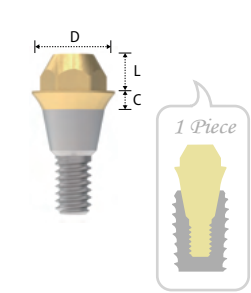
- > Packing unit: Hex - 1 Transfer Post + 1 Guide Pin / N-Hex - 1 Transfer Post (Solid Type).
- > For closed tray impression.
- > Connected with the Guide Pin (2STH001SS / 2STH001SL).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 12~15N.cm.

Prosthetic Procedure II

Component Selection Guide for Multi S&A Abutment



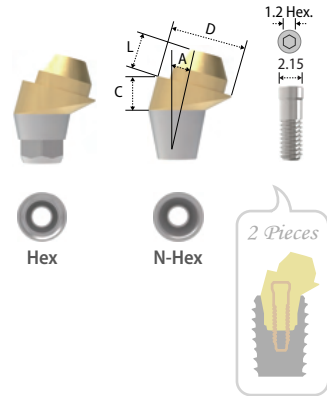
Multi S Abutment



Diameter	Ø4.5		Ø5.5	
Cuff / Length	2		2	
1	2SMS451		2SMS551	
2	2SMS452		2SMS552	
3	2SMS453		2SMS553	
4	2SMS454		2SMS554	
5	2SMS455		2SMS555	

- > Packing unit: 1 Multi S Abutment.
- > For Screw-Retained Prosthesis.
- > Titanium base for the cylinders.
- > Gold color for more translucent restoration.
- > Integrated with screw and abutment.
- > Library available for EXOCAD®, 3Shape® & Others.
- > Use the S Holder for a more stable position.
- > Tightened with the S Machine & S Ratchet Driver and Torque Wrench.
- > Tightening torque force: 30N.cm.
- > Abutment level impression.

Multi A Abutment

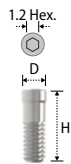


Type	Hex			
Diameter(Angle)	Ø4.5(15°)	Ø4.5(30°)	Ø5.5(15°)	Ø5.5(30°)
Cuff / Length	2	2	2	2
2	● 2SMAH45152			
3	★ 2SMAH45153	● 2SMAH45303	★ 2SMAH55153	★ 2SMAH55303
4	★ 2SMAH45154	★ 2SMAH45304	★ 2SMAH55154	★ 2SMAH55304
5			★ 2SMAH55155	★ 2SMAH55305

Type	N-Hex			
Diameter(Angle)	Ø4.5(15°)	Ø4.5(30°)	Ø5.5(15°)	Ø5.5(30°)
Cuff / Length	2	2	2	2
2	● 2SMAN45152			
3	★ 2SMAN45153	● 2SMAN45303	★ 2SMAN55153	★ 2SMAN55303
4	★ 2SMAN45154	★ 2SMAN45304	★ 2SMAN55154	★ 2SMAN55304
5			★ 2SMAN55155	★ 2SMAN55305

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

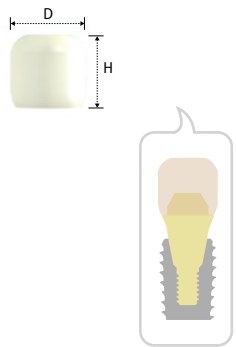
Abutment Screw



Height / Diameter	7.5	6.5
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.

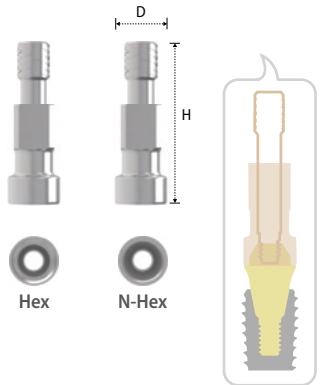
Multi Protection Cap



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 the abutment.
- > Alternative usage for sub-structure of the temporary prosthesis.
- > Tightened with the 1.2 Hex Driver.
- > Tightening torque force: 5~10N.cm.

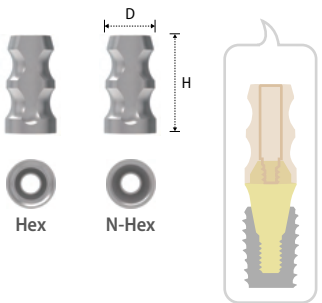
Multi Pick-up Impression Coping



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: 12~15N.cm.

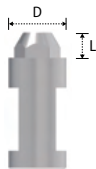
Multi Transfer Post



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: 12~15N.cm.

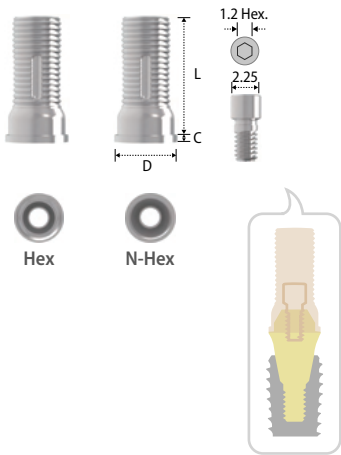
Multi Lab Analog



Type	Hex		N-Hex	
Multi S & A Abutment Diameter	Ø4.5	Ø5.5	Ø4.5	Ø5.5
Diameter	Ø4.5	Ø5.5	Ø4.5	Ø5.5
Length	2	2	2	2
Cuff	2SMA45	2SMA55	2STCN45	2STCN55

- > Packing unit: 1 Multi Lab Analog.
- > Replacement of abutment shape in working cast.
- > Choose by abutment size.

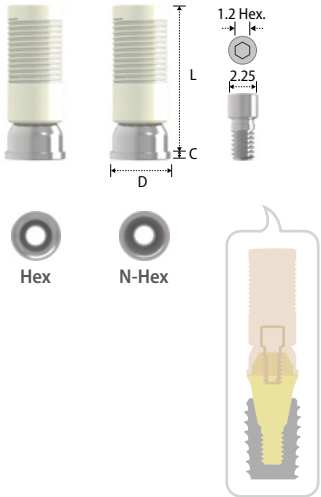
Multi Titanium Cylinder



Type	Hex		N-Hex	
Multi S & A Abutment Diameter	Ø4.5	Ø5.5	Ø4.5	Ø5.5
Diameter	Ø4.5	Ø5.5	Ø4.5	Ø5.5
Length	8.5	8.5	8.5	8.5
Cuff	0.5	2STCH45	2STCH55	2STCN45

- > Packing unit: 1 Multi Titanium Cylinder + 1 Multi Cylinder Screw.
- > For Screw, Cement or Screw-Cement Retained Prosthesis.
- > Connected with the Multi Cylinder Screw (2SMCS100).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 20N.cm.

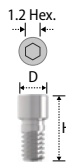
Multi Meta G UCLA Cylinder



Type	Hex		N-Hex	
Multi S & A Abutment Diameter	Ø4.5	Ø5.5	Ø4.5	Ø5.5
Diameter	Ø4.5	Ø5.5	Ø4.5	Ø5.5
Length	10.9	10.9	10.9	10.9
Cuff	0.5	2SCCH45	2SCCH55	2SCCN45

- > Packing unit: 1 Multi Meta G UCLA Cylinder + 1 Multi Cylinder Screw.
- > For Screw, Cement, or Screw-Cement Retained Prosthesis.
- > Modification to various types of abutments.
- > CCM alloy core for precise connection.
- > Cast with non-precious metal or gold alloy.
- > Connected with the Multi Cylinder Screw (2SMCS100).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 20N.cm.

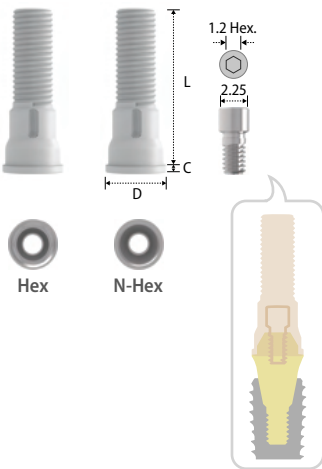
Multi Cylinder Screw



Type	Hex	N-Hex
Multi S & A Abutment Diameter	Ø2.25	Ø2.25
Diameter	Ø2.25	Ø2.25
Length	5	5
Cuff	2SMCS100	2SMCS100

- > Packing unit: 1 Multi Cylinder Screw.
- > Connected with the Meta G UCLA, Plastic UCLA, and Titanium Cylinder.
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 20N.cm.

Multi Plastic UCLA Cylinder



Type	Hex		N-Hex	
Multi S & A Abutment Diameter	Ø4.5	Ø5.5	Ø4.5	Ø5.5
Diameter	Ø4.5	Ø5.5	Ø4.5	Ø5.5
Length	11.5	11.5	11.5	11.5
Cuff	0.5	2SMPH45	2SMPH55	2SMPN45

- > Packing unit: 1 Multi Plastic UCLA Cylinder + 1 Multi Cylinder Screw.
- > For Screw, Cement or Screw-Cement Retained Prosthesis.
- > Same purpose of use as the Meta G UCLA Cylinder but the low accuracy of connection.
- > PMMA material.
- > Connected with the Multi Cylinder Screw (2SMCS100).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 20N.cm.

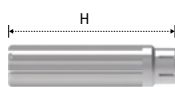
Multi Polishing Protector



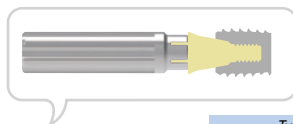
Type	Hex	
Multi S & A Abutment Diameter	Ø4.5	Ø5.5
Diameter	Ø4.5	Ø5.5
Length	2	2
Cuff	2SMPP45	2SMPP55

- > Packing unit: 1 Multi Polishing Protector.
- > To protect margin of the prosthesis while polishing procedure.

Multi Holder

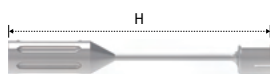


S Holder



Type	Hand
Height 20	KMHS01

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



A Holder

Type	Hand
Height 32	KMHA01

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



- ① Connect the Multi A Holder with the Multi A Abutment with its Abutment Screw in it and match the direction of holes of the abutment and the holder.



- ② Hold the handle of the Multi A Holder and bend it according to the placement position in the oral cavity.

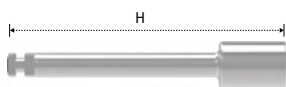


- ③ Connect the assembled body with the fixture.



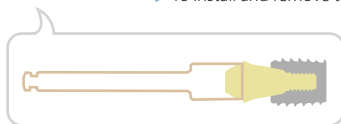
- ④ Tighten the Multi Abutment with the 1.2 Hex Driver and Torque Wrench.

Multi S Machine Driver

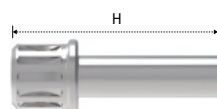


Type	Machine
Height 27.5	KMMSD21L

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

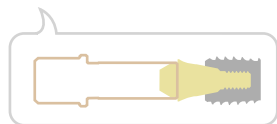


Multi S Ratchet Driver



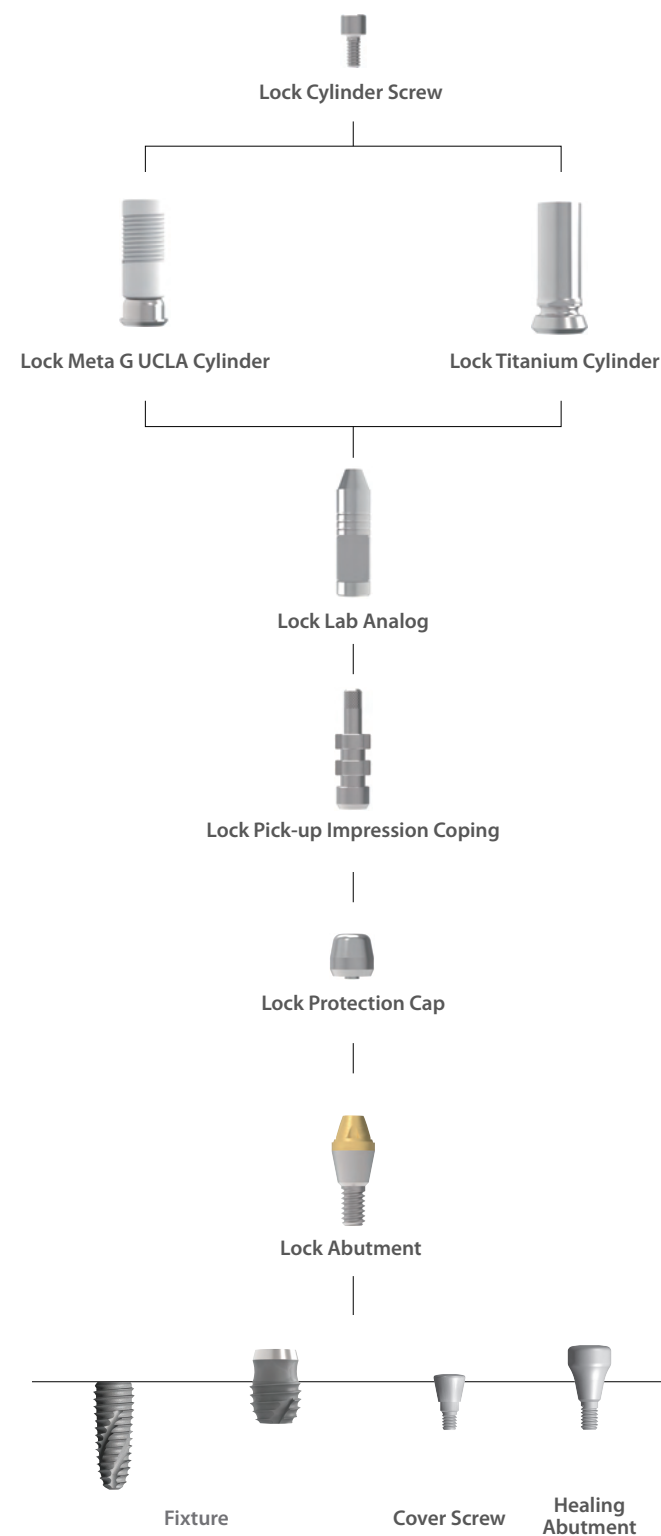
Type	Ratchet
Height 22	KRMSD15L

- > Packing unit: 1 Multi S Ratchet Driver.
- > To install and remove the Multi S Abutment with the Torque Wrench.

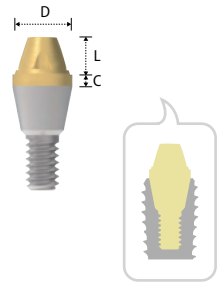


Prosthetic Procedure III

Component Selection Guide for Lock Abutment



Lock Abutment



Diameter	Ø3.5
Cuff Length	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 the cylinders.
- > Gold color for more translucent restoration.
- > Integrated with screw and abutment.
- > Tightened with the Lock Ratchet Driver and Torque Wrench.
- > Tightening torque force: 30N.cm.
- > Abutment level impression.

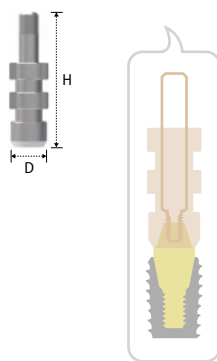
Lock Protection Cap



Lock Abutment Diameter	Ø3.5
Diameter	Ø4.3
Height	4
	2SLP45

- > Packing unit: 1 Lock Protection Cap.
- > Protection from cheek and tongue for gingival healing period.
- > Gingival retraction for prosthodontic margin of the abutment.
- > Tightened with the 1.2 Hex Driver.
- > Tightening torque force: 5~10N.cm.

Lock Pick-up Impression Coping



Lock Abutment Diameter	Ø3.5
Diameter	Ø4.3
Height	16
	2SLIH45

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

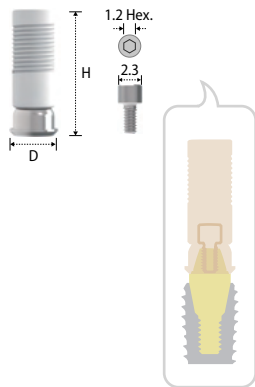
Lock Lab Analog



Lock Abutment Diameter	Ø3.5
Diameter	Ø3.5
Length	2.15
	2SLA45

- > Packing unit: 1 Lock Lab Analog.
- > Replacement of abutment shape in working cast.
- > Tightened with the 1.2 Hex Driver and Torque Wrench.

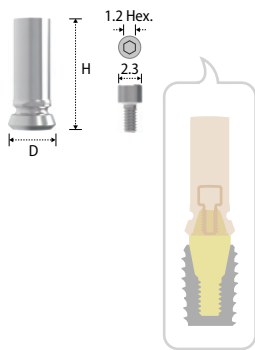
Lock Meta G UCLA Cylinder



Lock Abutment Diameter	Ø3.5
Diameter	Ø4.3
Height	11.2
	2SLCH45

- > Packing unit : 1 Lock Meta G UCLA Cylinder + 1 Lock Cylinder Screw.
- > For Screw, Cement, or Screw-Cement Retained Prosthesis.
- > Modification to various types of abutments.
- > CCM alloy core for precise connection.
- > Cast with non-precious metal or gold alloy.
- > Connected with the Lock Cylinder Screw (2SLCS200).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 30N.cm.

Lock Titanium Cylinder



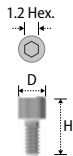
Lock Abutment Diameter	Ø3.5
Diameter	Ø4.3
Height	10
	2SLTH45

- > Packing unit: 1 Lock Titanium Cylinder + 1 Lock Cylinder Screw.
- > For Screw, Cement, or Screw-Cement Retained Prosthesis.
- > Connected with the Lock Cylinder Screw (2SLCS200).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force : 30N.cm.

Prosthetic Procedure IV

Component Selection Guide for Absolute Abutment

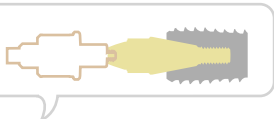
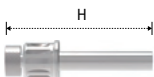
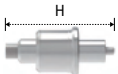
Lock Cylinder Screw



Diameter Height	Ø2.3
4.8	2SLCS200

- > Packing unit: 1 Lock Cylinder Screw.
- > Connected with the CCM Cylinder and Titanium Cylinder.
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 30N.cm.

Lock Ratchet Driver



Type Height	Ratchet
14.2	KRLRD18
28.5	KRLRD28

- > Packing unit: 1 Lock Ratchet Driver.
- > To install and remove the Lock Abutment with the Torque Wrench.



Absolute Plastic Coping



Absolute Lab Analog



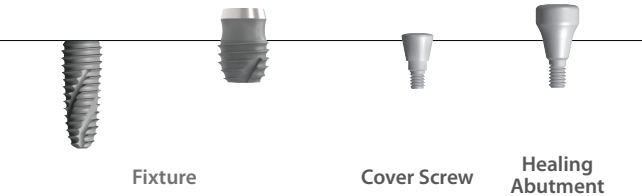
Absolute Impression Cap



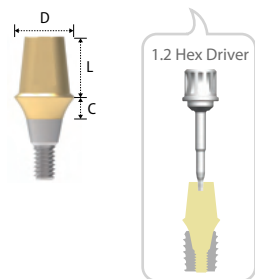
Absolute Protection Cap



Absolute Abutment



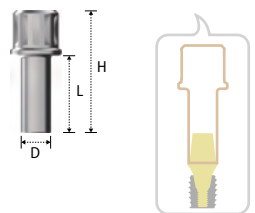
Absolute Abutment



Diameter	Ø4.5			Ø5.5			Ø6.5		
Length Cuff	4	5.5	7	4	5.5	7	4	5.5	7
1	2SAC4514	2SAC4515	2SAC4517	2SAC5514	2SAC5515	2SAC5517	2SAC6514	2SAC6515	2SAC6517
2	2SAC4524	2SAC4525	2SAC4527	2SAC5524	2SAC5525	2SAC5527	2SAC6524	2SAC6525	2SAC6527
3	2SAC4534	2SAC4535	2SAC4537	2SAC5534	2SAC5535	2SAC5537	2SAC6534	2SAC6535	2SAC6537
4	2SAC4544	2SAC4545	2SAC4547	2SAC5544	2SAC5545	2SAC5547	2SAC6544	2SAC6545	2SAC6547
5	2SAC4554	2SAC4555	2SAC4557	2SAC5554	2SAC5555	2SAC5557	2SAC6554	2SAC6555	2SAC6557

- > Packing unit: 1 Absolute Abutment + 1 Protection Cap.
- > For Cement Retained Prosthesis.
- > Cutting surface for anti-rotation of the prosthesis.
- > Integrated with the Screw and Abutment.
- > Tightened with the 1.2 Hex Driver or the Absolute Ratchet Driver and Torque Wrench.
- > Tightening torque force: 30N.cm.
- > Abutment level impression.

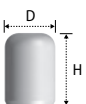
Absolute Ratchet Driver



Diameter	Ø4.6		Ø5.6		Ø6.6	
Length Height	12	19	12	19	12	19
19	KRAD4512S		KRAD5512S		KRAD6512S	
26		KRAD4519L		KRAD5519L		KRAD6519L

- > Packing unit: 1 Absolute Ratchet Driver.
- > To install and remove the Absolute with the Torque Wrench.

Absolute Protection Cap



Absolute Abutment Diameter	Ø4.5		Ø5.5		Ø6.5	
Diameter Height	Ø5.0		Ø6.0		Ø7.0	
6	2SHPC454		2SHPC554		2SHPC654	
7.5	2SHPC455		2SHPC555		2SHPC655	
9	2SHPC457		2SHPC557		2SHPC657	

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

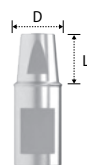
Absolute Impression Cap



Absolute Abutment Diameter	Ø4.5		Ø5.5		Ø6.5	
Diameter Height	Ø5.5		Ø6.5		Ø7.5	
10.3	2SIC45		2SIC55		2SIC65	

- > Packing unit: 1 Absolute Impression Cap.
- > Confirm locking with abutment by rotation of clockwise and anti-clockwise direction.

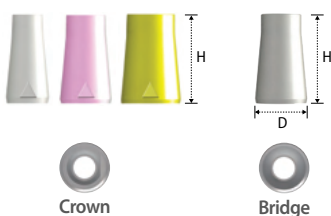
Absolute Lab Analog



Absolute Abutment Diameter	Ø4.5		Ø5.5		Ø6.5	
Diameter Length	Ø4.5		Ø5.5		Ø6.5	
4.1	2SHLA454		2SHLA554		2SHLA654	
5.6	2SHLA455		2SHLA555		2SHLA655	
7.1	2SHLA457		2SHLA557		2SHLA657	

- > Packing unit: 1 Absolute Lab Analog.
- > Replacement of abutment shape in working cast.
- > Choose according to width and length of the abutment.

Absolute Plastic Coping (Burn Out Cylinder)



Type	Crown			Bridge		
Absolute Abutment Diameter	Ø4.5	Ø5.5	Ø6.5	Ø4.5	Ø5.5	Ø6.5
Diameter Height	Ø5.1	Ø6.1	Ø7.1	Ø5.1	Ø6.1	Ø7.1
10	2SHBC45	2SHBC55	2SHBC65	2SHBB45	2SHBB55	2SHBB65

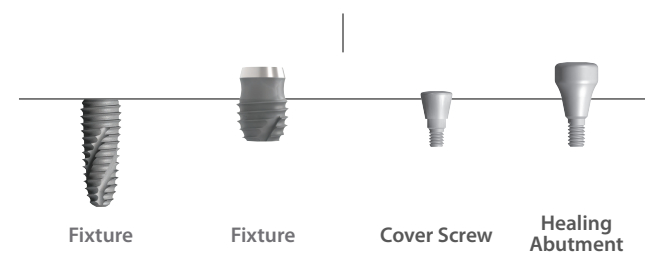
- > Packing unit: 1 Absolute Plastic Coping.
- > Connected with the Lab Analog.
- > Burn out and casting for the metal framework.

Prosthetic Procedure V

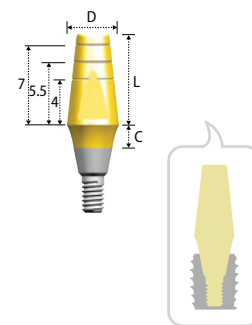
Component Selection Guide for Straight Abutment



Straight Abutment



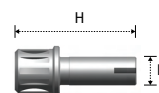
Straight Abutment



Diameter	Ø3.5		Ø4.5	
Length Cuff	8		8	
0.5	2SSCM308		2SSCR408	
1	2SSCM318		2SSCR418	
2	2SSCM328		2SSCR428	
3	2SSCM338		2SSCR438	
4	2SSCM348		2SSCR448	

- > Packing unit: 1 Straight Abutment.
- > For Cement Retained Prosthesis.
- > Integrated with screw and abutment.
- > Tightened with the Shoulder Driver.
- > Tightening torque force: 30N.cm.
- > Direct impression.

Shoulder Driver

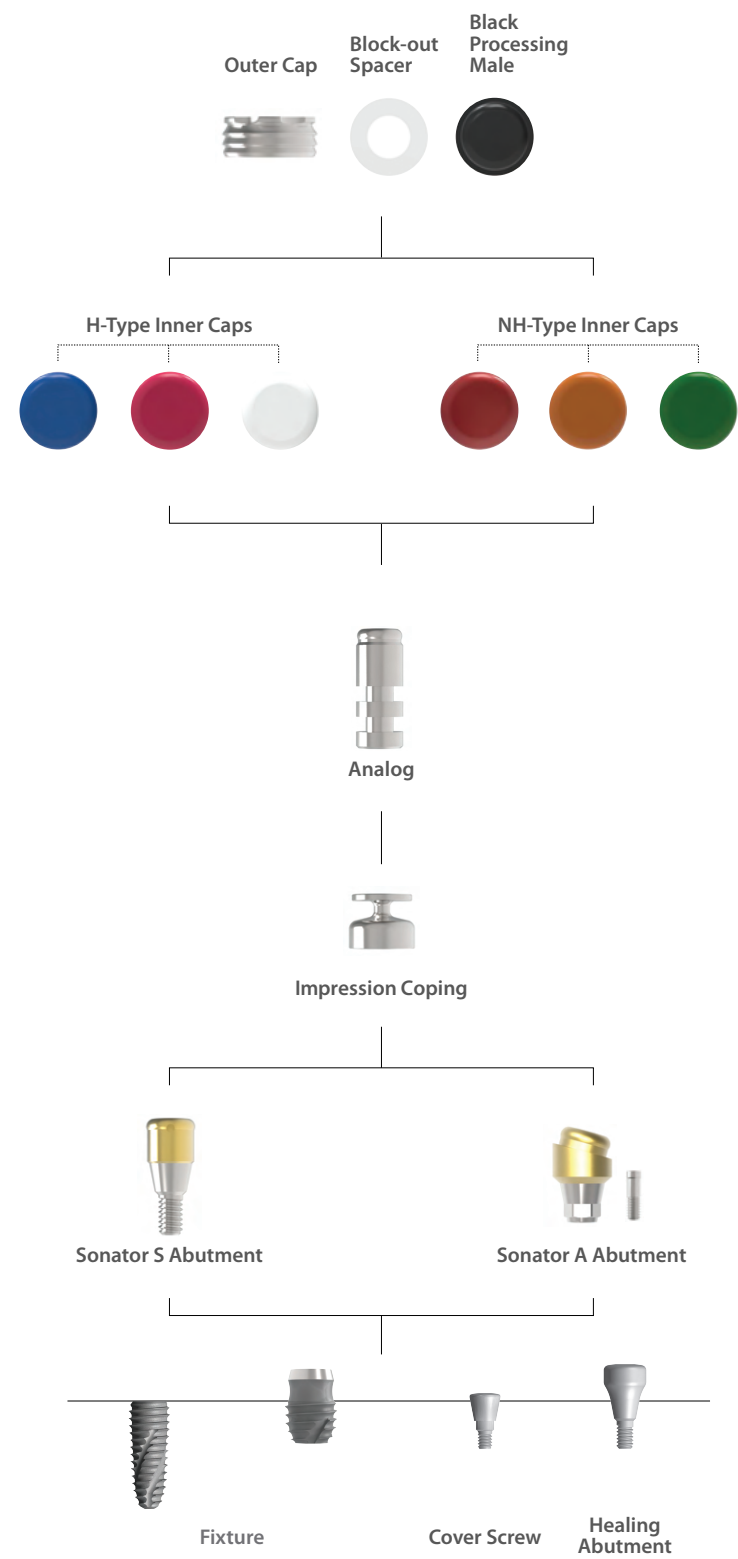


Diameter Height	Ø4.5	
19	KRR19L	

- > Packing unit: 1 Driver.
- > To install and remove the Straight Abutment with the Torque Wrench.

Prosthetic Procedure VI

Component Selection Guide for Sonator S&A Abutment



Sonator S Abutment

Outer Cap

Block-out Spacer

Black Processing Male

H-Type Inner Caps

Blue: 10N Pink: 15N White: 22N

Carrier

Ratchet Driver

Diameter	Ø4.0					
Length	1	2	3	4	5	6
1.5	SONS401	SONS402	SONS403	SONS404	SONS405	SONS406

- > Packing unit: 1 Sonator S Abutment + 1 Carrier + 3 H-Type Inner Caps + 1 Outer Cap + 1 Block-out Spacer + 1 Black Processing Male.
- > For Implant-Supported Overdenture Prosthesis.
- > Stable with low vertical height.
- > 6 kinds of Inner Caps give various holding force (Both, H and NH-Type Inner Caps are used for the Sonator S Abutment).
- > Path compensation up to 20° based on 2 implants.
- > Carrier: Used for delivery of the abutment.
- > Tightened with the Sonator S Ratchet Driver and Torque Wrench.
- > Tightening torque force: 30N.cm.
- > Abutment level impression.

Sonator A Abutment

Outer Cap

Block-out Spacer

Black Processing Male

NH-Type Inner Caps

Red: 10N Orange: 15N Green: 22N

Carrier

1.2 Hex Driver

Diameter	Ø4.0	
Length	1.5	3.0
Angle	3	3
15°	SONA415	SONA430

- > Packing unit: 1 Sonator A Abutment + 1 Abutment Screw + 1 Carrier + 3 NH-Type Inner Caps + 1 Outer Cap + 1 Block-out Spacer + 1 Black Processing Male.
- > For Implant-Supported Overdenture Prosthesis.
- > Stable with low vertical height.
- > 6 kinds of Inner Caps give various holding force (Both, H and NH-Type Inner Caps are used for the Sonator A Abutment).
- > Path compensation up to 40° based on 2 Implants.
- > Connected with the Abutment Screw (2SSHR300).
- > Carrier: Used for delivery of the abutment.
- > Tightened with the 1.2 Hex Driver and Torque wrench.
- > Tightening torque force: 30N.cm.
- > Abutment level impression.

Abutment Screw

1.2 Hex

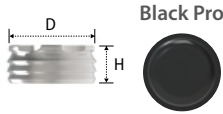
Ø2.15

7.5

Diameter	Ø2.15
Height	2SSHR300
7.5	2SSHR300

- > Packing unit: 1 Abutment Screw.
- > To connect the Sonator A Abutment.
- > Tighten with the 1.2 Hex Driver and Torque Wrench.

Outer Cap



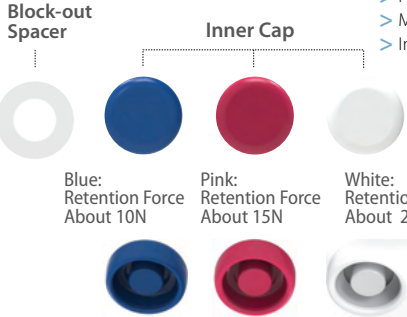
Black Processing Male

Diameter Height	
2.25	Ø5.4 SONOC01

> Packing unit: 2 Outer Caps and 2 Black Processing Males.

> Black Processing Male: Inserted and removed with the I&R Driver.

H-Type Inner Cap



Block-out Spacer

Inner Cap

Blue: Retention Force About 10N

Pink: Retention Force About 15N

White: Retention Force About 22N

Code	
SONIC01	

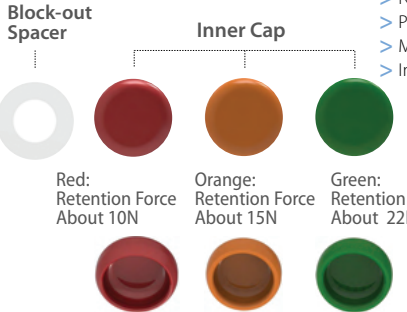
> Packing unit: 3 Block-out Spacers + 3 Inner Caps (1 Blue, 1 Pink, and 1 White).

> Path compensation up to 20° based on 2 implants.

> Mainly used for the Sonator S Abutment.

> Inner Caps: Inserted and removed with the I&R Driver.

NH-Type Inner Cap



Block-out Spacer

Inner Cap

Red: Retention Force About 10N

Orange: Retention Force About 15N

Green: Retention Force About 22N

Code	
SONIC02	

> Packing unit: 3 Block-out Spacers + 3 Inner Caps (1 Red, 1 Orange, and 1 Green).

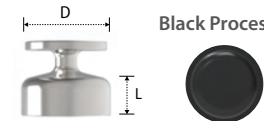
> Non-humped design.

> Path compensation up to 40° based on 2 implants.

> Mainly used for the Sonator A Abutment.

> Inner Caps: Inserted and removed with the I&R Driver.

Sonator Impression Coping



Black Processing Male

Diameter Length	
3	Ø4.8 SONIP04

> Packing unit: 4 Sonator Impression Copings and 4 Black Processing Males.

> Connected over the Sonator S&A Abutment after placing the Block-out Spacer.

> For close tray impression.

Sonator Lab Analog

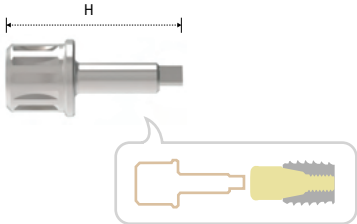


Diameter Length	
1.4	Ø4 SONLA04

> Packing unit: 4 Sonator Lab Analogs.

> Replacement of abutment shape in working cast.

Sonator S Ratchet Driver

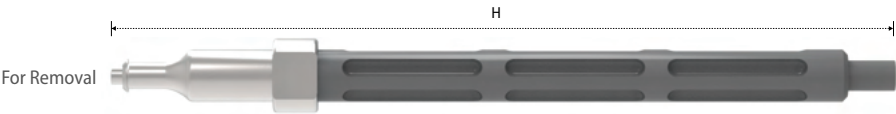


Type Height	
18	Ratchet SONRD19L

> Packing unit : 1 Sonator S Ratchet Driver.

> To install and remove the Sonator S Abutment with the Torque Wrench.

Sonator I&R Driver



For Removal

For Insertion

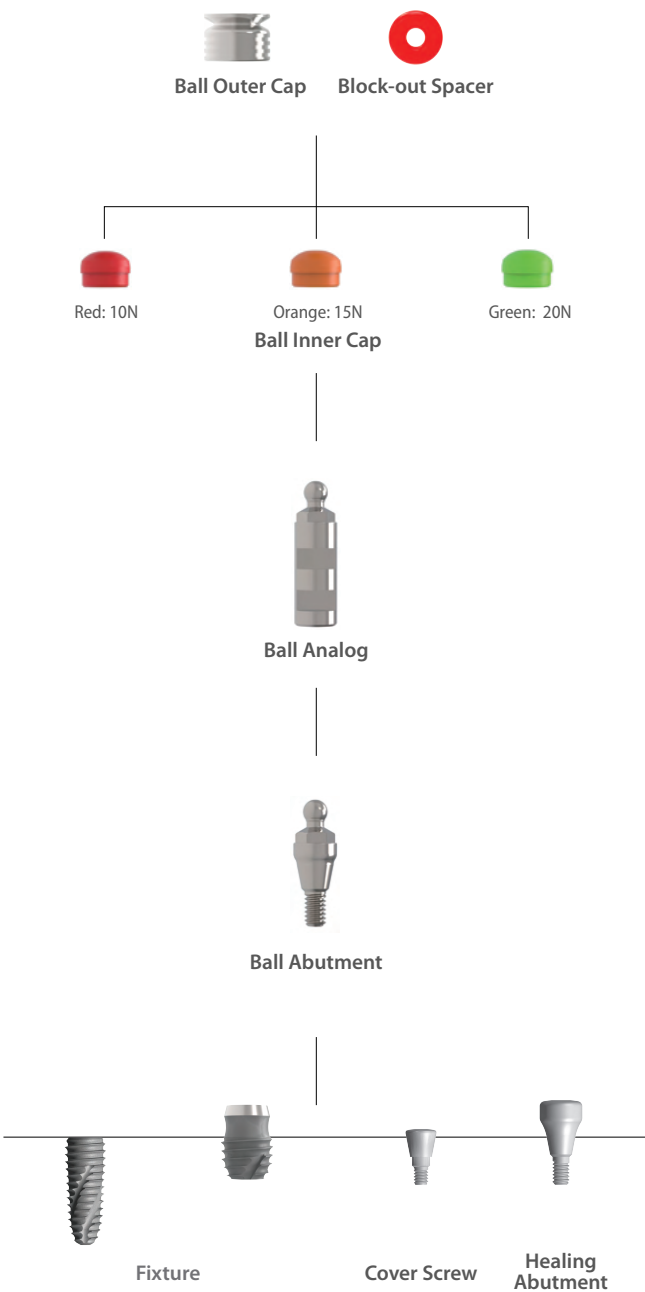
Height	
95.4	SONIR002

> Packing unit: 1 Sonator I&R Driver.

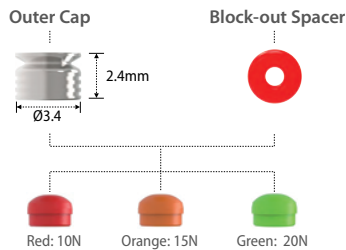
> Used to insert and remove the Inner Caps and Block Processing Male.

Prosthetic Procedure VII

Component Selection Guide for Ball Abutment



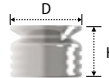
Ball Abutment



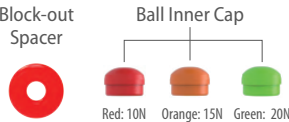
Ball Inner Cap



Ball Outer Cap



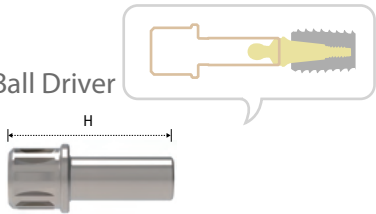
Ball Inner Cap



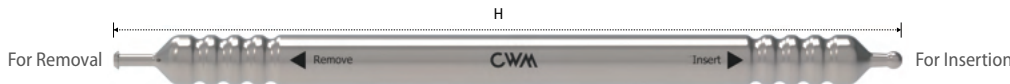
Ball Analog



Ball Driver



Ball I&R Driver



Diameter	Ø4.0
Length	4
Cuff	
1	2SBAT414R
2	2SBAT424R
3	2SBAT434R
4	2SBAT444R
5	2SBAT454R

- > Packing unit: 1 Ball Abutment + 3 Inner Caps (1 per each colour) + 1 Block-out Spacer + 1 Outer Cap.
- > For Implant-Supported Overdenture Prosthesis.
- > Tightened with the Ball Driver and Torque Wrench.
- > Tightening torque force: 30N.cm.
- > Direct impression.

Diameter	Ø3.4
Height	2.4
	BATC003C

- > Packing unit: 2 Outer Caps.

	BATC003I
--	----------

- > Packing unit: 2 Block-out Spacers + 6 Inner Caps (2 per each color).
- > Retention force: Red 10N, Orange 15N & Green 20N.

Diameter	Ø4.0
Length	4
	SBAL400

- > Packing unit: 4 Lab Analogs.
- > Replacement of abutment shape in working cast.

Type	Ratchet
Height	19
	KRB19L

- > Packing unit: 1 Ball Driver.
- > To install and remove the Ball Abutment with the Torque Wrench.

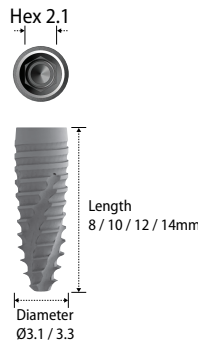
*Extra Product

Height	100
	KBIR01

- > Packing unit: 1 Ball I&R Driver.
- > Used to insert and remove the Inner Caps into and out of the Outer Cap.

INNO SUBMERGED NARROW IMPLANT (Sub-N.)

System Flow

Fixture		Abutment		Impression
	Prosthetic Procedure I	065p  Cemented Abutment 065p  Angulated Abutment 065p  Temporary Abutment 066p  Meta G UCLA Abutment	Fixture Level Impression	066p  Replica 067p  Pick-up Impression Coping 067p  Transfer Post
	Prosthetic Procedure II	063p  Multi S Abutment 063p  Multi A Abutment 071p  Multi Meta G ULCA Cylinder 071p  Multi Plastic UCLA Cylinder 072p  Multi Titanium Cylinder	Abutment Level Impression	070p  Multi Protection Cap 070p  Multi Pick-up Impression Coping 070p  Multi Transfer Post 071p  Multi Lab Analog
	Prosthetic Procedure III	074p  Straight Abutment		Direct Impression

INNO Submerged Narrow Implant (Sub-N.)

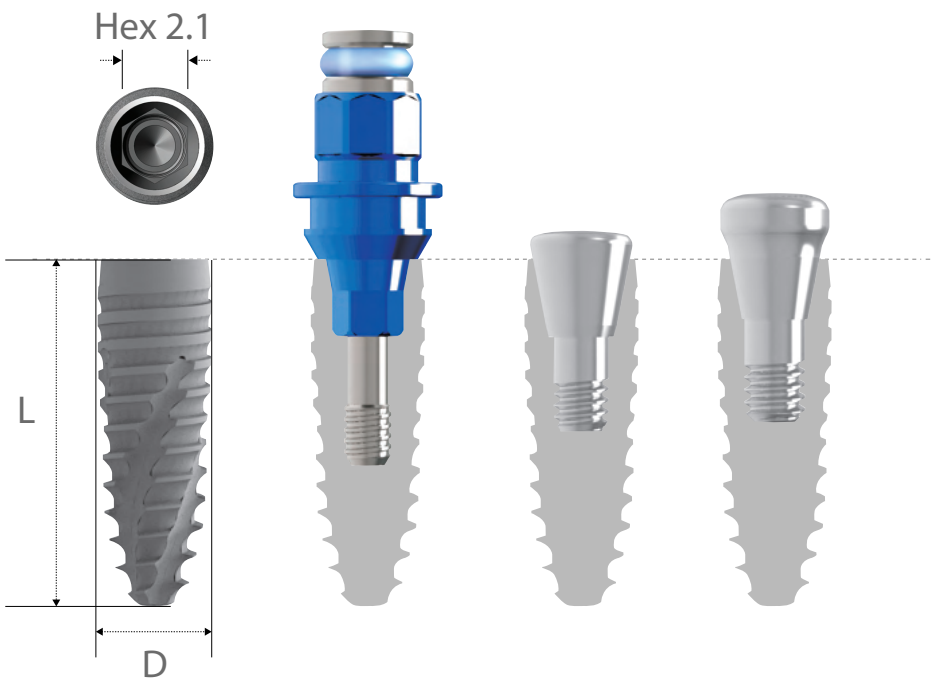


Submerged Fixture
Surface Treatment: **SLA-SH™**

- > Interchangeable with hexagonal morse tapered fixture.
- > Internal hex connection (Taper 11°/ Hex 2.1).

※ Note

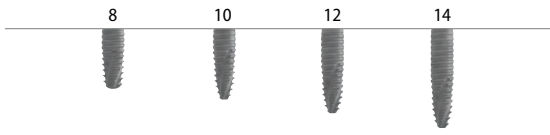
> The INNO Sub. Narrow System is not compatible with the INNO Submerged System as hexagon size is different.



No-Mount > Packing unit: 1 Fixture + 1 Cover Screw.

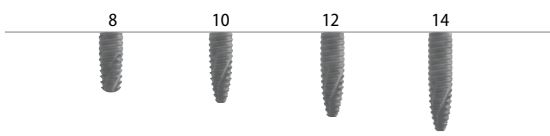
Diameter **Ø3.1**
Length

8	SR3108NSM
10	SR3110NSM
12	SR3112NSM
14	SR3114NSM



Diameter **Ø3.3**
Length

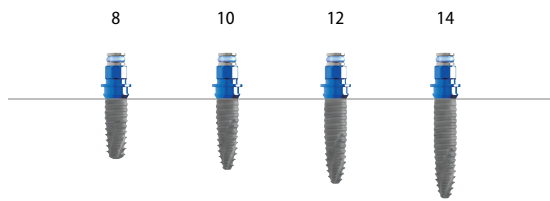
8	SR3308NSM
10	SR3310NSM
12	SR3312NSM
14	SR3314NSM



Pre-Mount > Packing unit: 1 Fixture + 1 Cover Screw + 1 Mount.

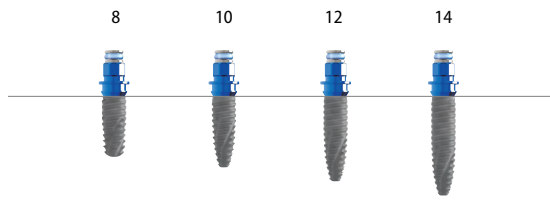
Diameter **Ø3.1**
Length

8	SR3108NS
10	SR3110NS
12	SR3112NS
14	SR3114NS

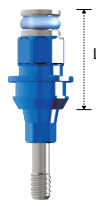


Diameter **Ø3.3**
Length

8	SR3308NS
10	SR3310NS
12	SR3312NS
14	SR3314NS



Fixture Mount



Length	5.4
	RSM001

- > Packing unit: 1 Mount + 1 Mount Screw.
- > Tightened with the 1.2 Hex Driver.
- > Tightening torque force: 5~10N.cm.

Cover Screw



Diameter Length	Ø2.85	Ø3.25	Ø3.6
1.7	RCS000		
2.7		RCS001	
3.7			RCS002

- > Packing unit: 1 Cover Screw.
- > To seal the conical interface of the fixture.
- > The longer the Cover Screw for the deeply inserted fixture.
- > Tightened with the 1.2 Hex Driver.
- > Tightening torque force: 5~10N.cm.

Healing Abutment

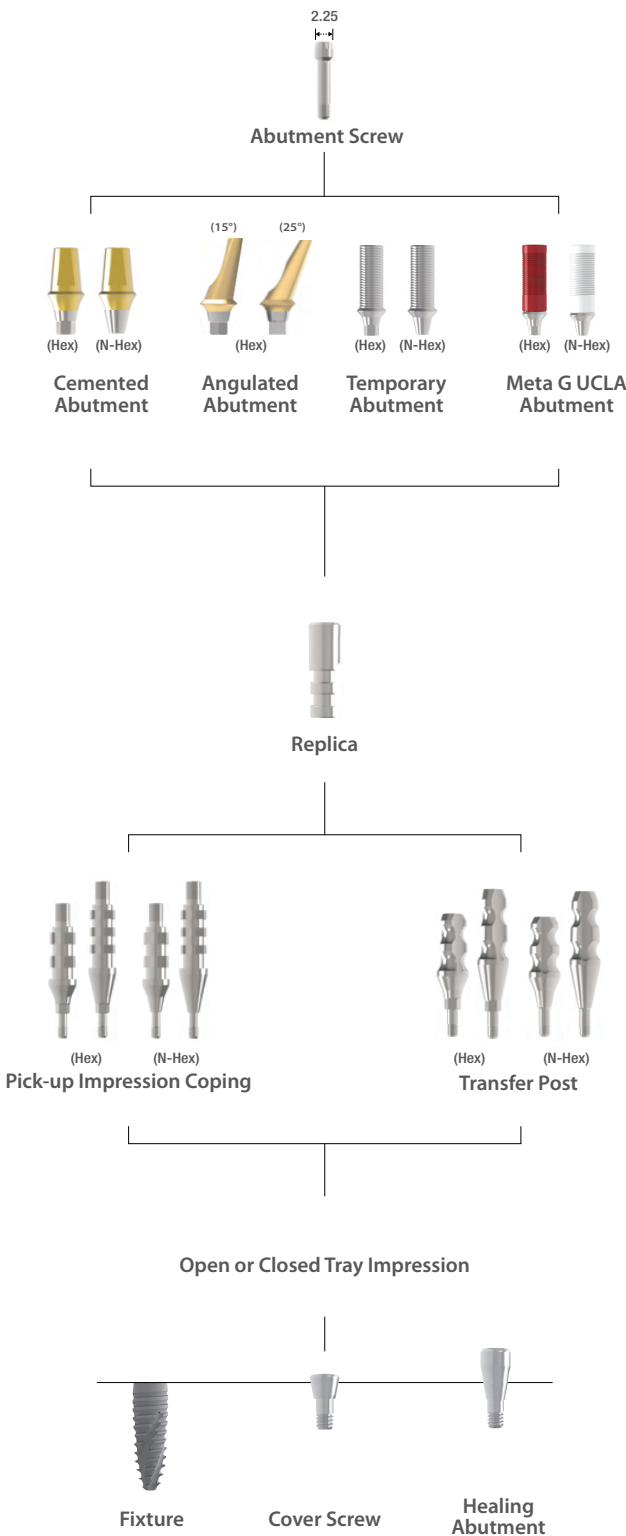


Diameter	Ø3.5		Ø4.5	
Cuff Length	1	2	1	2
0.5	HR3501			
1	HR3511		HS4511N	
2		HR3522		HS4522N
3		HR3532		HS4532N
4		HR3542		HS4542N
5				HS4552N
7				HS4572N

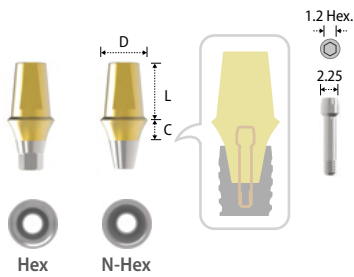
- > Packing unit: 1 Healing Abutment.
- > For remodeling gingival contour during soft tissue healing.
- > Select the abutment according to gingival height and abutment type.
- > Tightened with the 1.2 Hex Driver.
- > Tightening torque force: 5~10N.cm.

Prosthesis Procedure I

Components Selection Guide for Cemented and UCLA Abutment



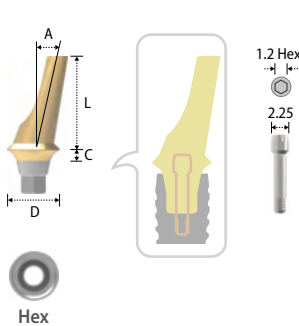
Cemented Abutment



Type	Hex			N-Hex		
Diameter	Ø4.5			Ø4.5		
Length Cuff	4	5.5	7	4	5.5	7
1	SCH4514N	SCH4515N	SCH4517N	SCN4514N	SCN4515N	SCN4517N
2	SCH4524N	SCH4525N	SCH4527N	SCN4524N	SCN4525N	SCN4527N
3	SCH4534N	SCH4535N	SCH4537N	SCN4534N	SCN4535N	SCN4537N
4	SCH4544N	SCH4545N	SCH4547N	SCN4544N	SCN4545N	SCN4547N
5	SCH4554N	SCH4555N	SCH4557N	SCN4554N	SCN4555N	SCN4557N

- > Packing unit: 1 Cemented Abutment + 1 Abutment Screw.
- > For Screw-Cement or Cement Retained Prosthesis.
- > Cutting surface for anti-rotation of the prosthesis.
- > Gold color for more translucent restoration.
- > 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: 20~25N.cm.
- > Use the Scanbody for 3D Work.
- > Fixture level impression.

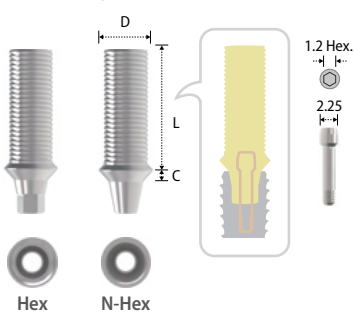
Angulated Abutment



Type	Hex	
Diameter(Angle)	Ø4.5(15°)	Ø4.5(25°)
Length Cuff	8	8
1	SAH45151NA	SAH45251NA
2	SAH45152NA	SAH45252NA
3	SAH45153NA	SAH45253NA
4	SAH45154NA	SAH45254NA

- > Packing unit: 1 Angulated Abutment + 1 Abutment Screw.
- > For Screw-Cement or Cement Retained Prosthesis.
- > Solution for the anterior esthetic zone.
- > Gold color for esthetics.
- > Connected with the Abutment Screw (SSHR100N).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 20~25N.cm.
- > Fixture level impression.

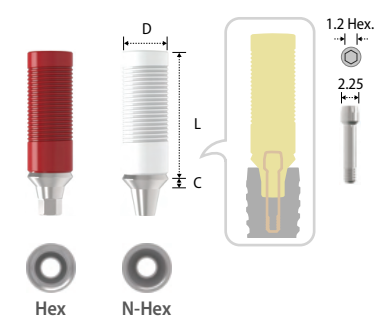
Temporary Abutment



Type	Hex	N-Hex
Diameter	Ø4.5	Ø4.5
Length Cuff	10	10
1	STHA45N	STNA45N

- > Packing unit: 1 Temporary Abutment + 1 Abutment Screw.
- > For Screw-Cement Retained Prosthesis.
- > For provisional restoration.
- > Connected with the Abutment Screw (SSHR100N).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 20~25N.cm.

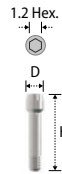
Meta G UCLA Abutment



Type	Hex	N-Hex
<i>Diameter</i>	Ø4.5	Ø4.5
<i>Length / Cuff</i>	12	12
1	SGH45N	SGN45N
2	SGH452N	SGN452N
3	SGH453N	SGN453N

- > Packing unit: 1 Meta G UCLA Abutment + 1 Abutment Screw.
- > For Screw Retained Prosthesis.
- > Modification to the angulated abutment, customized abutment and telescopic abutment.
- > CCM alloy core for precise connection.
- > Cast with non-precious metal or gold alloy.
- > Connected with the Abutment Screw (SSHR100N).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 20~25N.cm.
- > Fixture level impression.

Abutment Screw



<i>Diameter</i>	2.25
<i>Height</i>	10.2
	SSHR100N

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

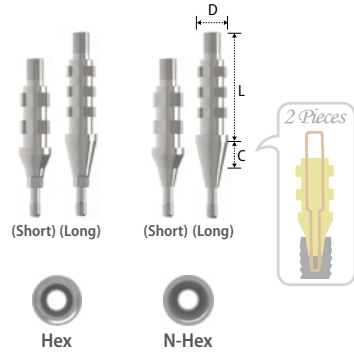
Replica



<i>Diameter</i>	Ø4
<i>Height</i>	12.1
	SRHR001N

- > Packing unit: 1 Replica.
- > Mimicking of the conical interface of the fixture.
- > Analog of fixture for the working cast.

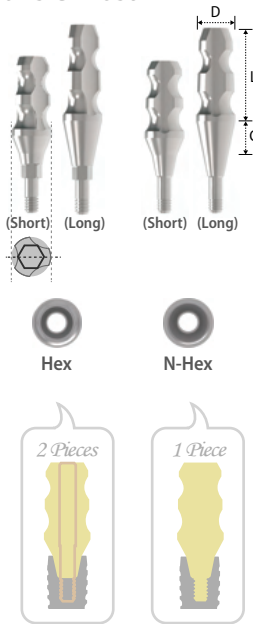
Pick-up Impression Coping



Type	Hex	N-Hex
<i>Diameter</i>	Ø4.5	Ø4.5
<i>Length / Cuff</i>	14 (Short) / 2	SIN45SN
	16 (Long) / 4	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.

Transfer Post

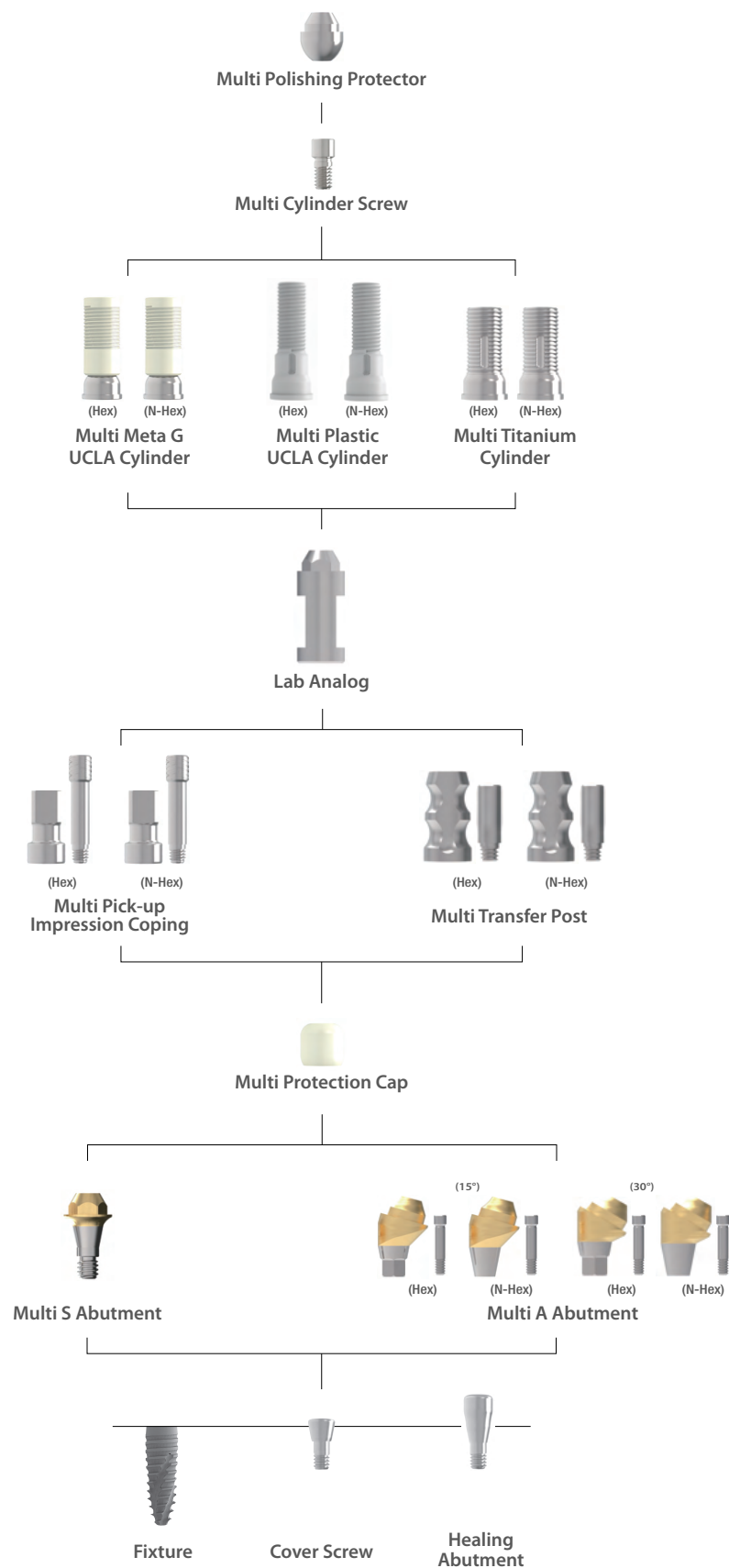


Type	Hex	N-Hex
<i>Diameter</i>	Ø4.5	Ø4.5
<i>Length / Cuff</i>	9 (Short) / 2	STN45SN
	11 (Long) / 4	STN45LN

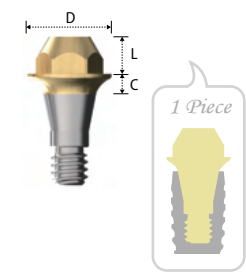
- > Packing unit: Hex - 1 Transfer Post + 1 Guide Pin / N-Hex - 1 Transfer Post (Solid Type).
- > For closed tray impression.
- > Connected with the Guide Pin (STS001SN / STS001LN).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 12~15Ncm.

Prosthesis Procedure II

Component Selection Guide for Multi S&A Abutment



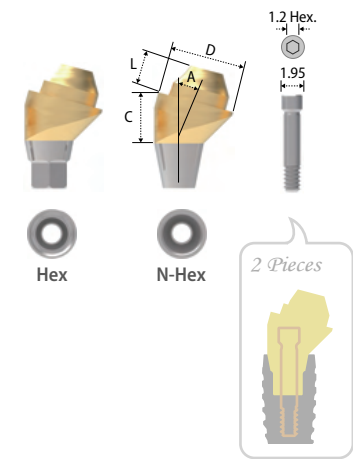
Multi S Abutment



Diameter	Ø4.5
Cuff / Length	2
1	SMS451N
2	SMS452N
3	SMS453N
4	SMS454N

- > Packing unit: 1 Multi S Abutment.
- > For Screw-Retained Prosthesis.
- > Titanium base for the cylinders.
- > Gold color for more translucent restoration.
- > Integrated with screw and abutment.
- > Library available for EXOCAD®, 3Shape® & Others.
- > Use the S Holder for a more stable position.
- > Tightened with the S Machine & S Ratchet Driver and Torque Wrench.
- > Tightening torque force: 20~25N.cm.
- > Abutment level impression.

Multi A Abutment

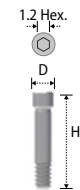


Type	Hex	
Diameter(Angle)	Ø4.5(15°)	Ø4.5(30°)
Cuff / Length	2	2
2	★ SMAH45152N	
3	● SMAH45153N	★ SMAH45303N
4	● SMAH45154N	● SMAH45304N

Type	N-Hex	
Diameter(Angle)	Ø4.5(15°)	Ø4.5(30°)
Cuff / Length	2	2
2	★ SMAN45152N	
3	● SMAN45153N	★ SMAN45303N
4	● SMAN45154N	● SMAN45304N

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

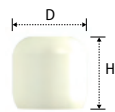
Abutment Screw



Height / Diameter	8.7	9.3
Ø1.95	★ SSHR200N	● SSHR300N

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

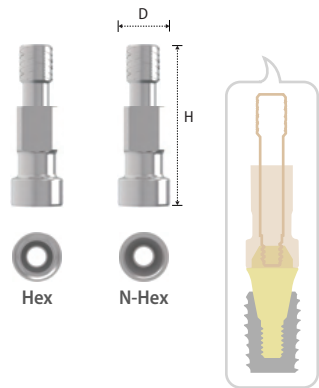
Multi Protection Cap



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

- > Packing unit: 1 Multi Protection Cap.
- > Protection from cheek and tongue for gingival healing period.
- > Gingival retraction for prosthodontic margin of the abutment.
- > Alternative usage for sub-structure of the temporary prosthesis.
- > Tightened with the 1.2 Hex Driver.
- > Tightening torque force: 5~10N.cm.

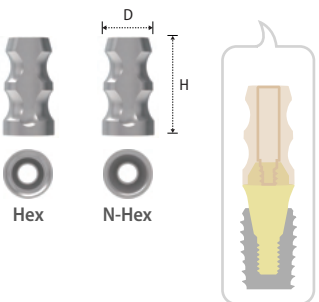
Multi Pick-up Impression Coping



Type	Hex	N-Hex
Multi S & A Abutment Diameter	Ø4.5	Ø4.5
Diameter	Ø4.65	Ø4.65
Height	14.8	2SMIN45

- > 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: 12~15N.cm.

Multi Transfer Post



Type	Hex	N-Hex
Multi S & A Abutment Diameter	Ø4.5	Ø4.5
Diameter	Ø4.5	Ø4.5
Height	8.5	2SMTN45

- > 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: 12~15N.cm.

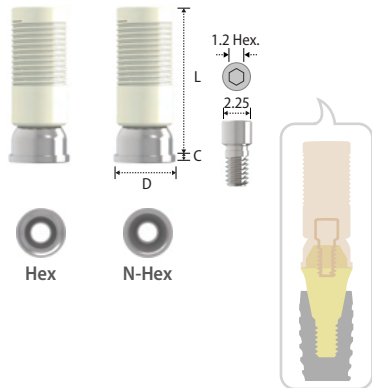
Multi Lab Analog



Multi S & A Abutment Diameter	Ø4.5
Diameter	Ø4.5
Length	2
	2SMA45

- > Packing unit: 1 Multi Lab Analog.
- > Replacement of abutment shape in working cast.

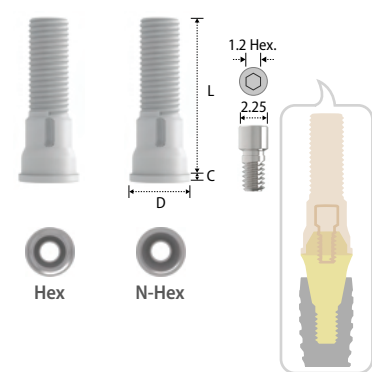
Multi Meta G UCLA Cylinder



Type	Hex	N-Hex
Multi S & A Abutment Diameter	Ø4.5	Ø4.5
Diameter	Ø4.5	Ø4.5
Length	10.9	10.9
Cuff	0.5	2SCCN45

- > Packing unit: 1 Multi Meta G UCLA Cylinder + 1 Multi Cylinder Screw.
- > For Screw, Cement, or Screw-Cement Retained Prosthesis.
- > Modification to various types of abutments.
- > CCM alloy core for precise connection.
- > Cast with non-precious metal or gold alloy.
- > Connected with the Multi Cylinder Screw (2SMCS100).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 20N.cm.

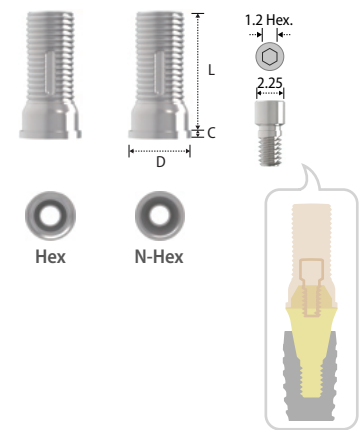
Multi Plastic UCLA Cylinder



Type	Hex	N-Hex
Multi S & A Abutment Diameter	Ø4.5	Ø4.5
Diameter	Ø4.5	Ø4.5
Length	11.5	11.5
Cuff	0.5	2SMPN45

- > Packing unit: 1 Multi Plastic UCLA Cylinder + 1 Multi Cylinder Screw.
- > For Screw, Cement or Screw-Cement Retained Prosthesis.
- > Same purpose of use as the Meta G UCLA Cylinder but the low accuracy of connection.
- > PMMA material.
- > Connected with the Multi Cylinder Screw (2SMCS100).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 20N.cm.

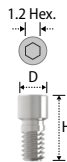
Multi Titanium Cylinder



Type	Hex	N-Hex
Multi S & A Abutment Diameter	Ø4.5	Ø4.5
Diameter	Ø4.5	Ø4.5
Length	8.5	8.5
Cuff	0.5	2STCH45
		2STCN45

- > Packing unit: 1 Multi Titanium Cylinder + 1 Multi Cylinder Screw.
- > For Screw, Cement or Screw-Cement Retained Prosthesis.
- > Connected with the Multi Cylinder Screw (2SMCS100).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 20N.cm.

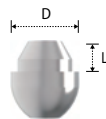
Multi Cylinder Screw



Diameter	Ø2.25
Height	5
	2SMCS100

- > Packing unit: 1 Multi Cylinder Screw.
- > Connected with the Meta G UCLA, Plastic UCLA, and Titanium Cylinder.
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 20N.cm.

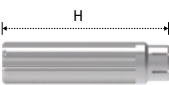
Multi Polishing Protector



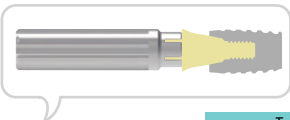
Type	Hex
Multi S & A Abutment Diameter	Ø4.5
Diameter	Ø4.5
Length	2
	2SMPP45

- > Packing unit: 1 Multi Polishing Protector.
- > To protect margin of the prosthesis while polishing procedure.

Multi Holder

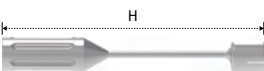


S Holder



Type	Hand
Height	20
	KMHS01

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



A Holder

Type	Hand
Height	32
	KMHA01

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



- ① Connect the Multi A Holder with the Multi A Abutment with its Abutment Screw in it and match the direction of holes of the abutment and the holder.



- ② Hold the handle of the Multi A Holder and bend it according to the placement position in the oral cavity.

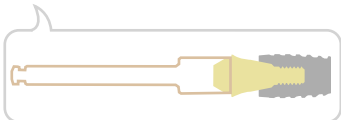


- ③ Connect the assembled body with the fixture.



- ④ Tighten the Multi Abutment with the 1.2 Hex Driver and Torque Wrench.

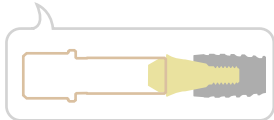
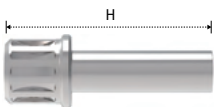
Multi S Machine Driver



Type	Machine
Height	27.5
	KMMSD21L

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

Multi S Ratchet Driver

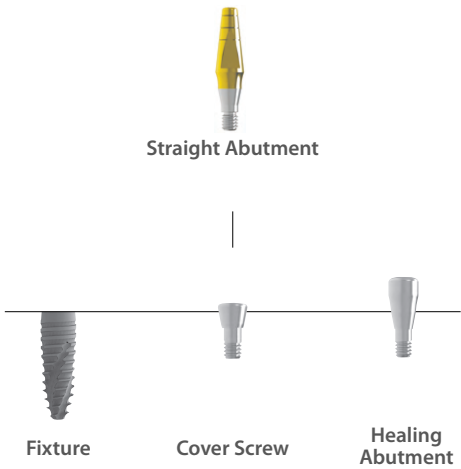


Type	Ratchet
Height	22
	KRMSD15L

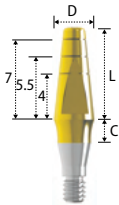
- > Packing unit: 1 Multi S Ratchet Driver.
- > To install and remove the Multi S Abutment with the Torque Wrench.

Prosthesis Procedure III

Component Selection Guide for Straight Abutment



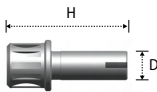
Straight Abutment



Diameter	Ø3.5				
Length [Cuff]	8 [0.5]	8 [1]	8 [2]	8 [3]	8 [4]
	SR308	SR318	SR328	SR338	SR348

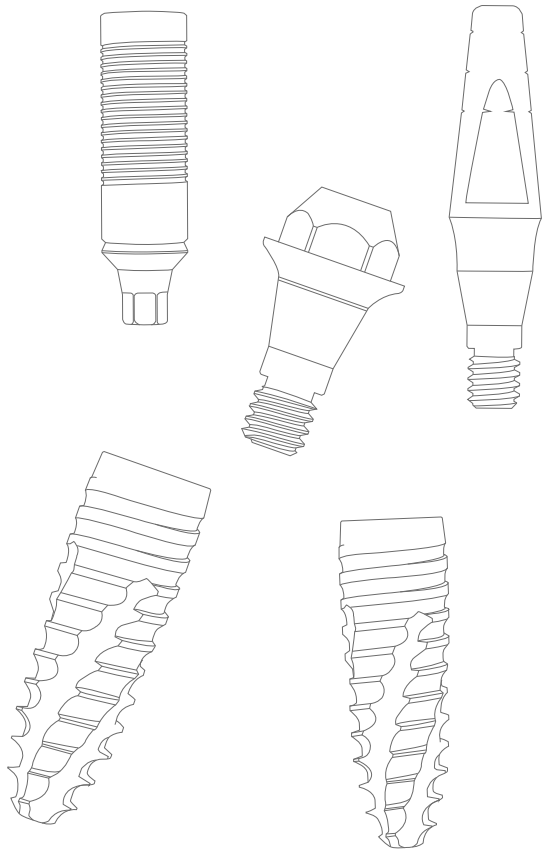
- > Packing unit: 1 Straight Abutment.
- > For Cement Retained Prosthesis.
- > Integrated with screw and abutment.
- > Tightened with the Shoulder Driver.
- > Tightening torque force: 20~25N.cm.
- > Direct impression.

Shoulder Driver



Diameter	Ø4.5
Height	19
	KRR19L

- > Packing unit: 1 Shoulder Driver.
- > To install and remove the Straight Abutment with the Torque Wrench.



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