

Implant Innovation

When INNOVATION meets Dental Implant..



INNO SUBMERGED IMPLANT

INNO-SUBMERGED IMPLANT

Submerged Implant System Flow

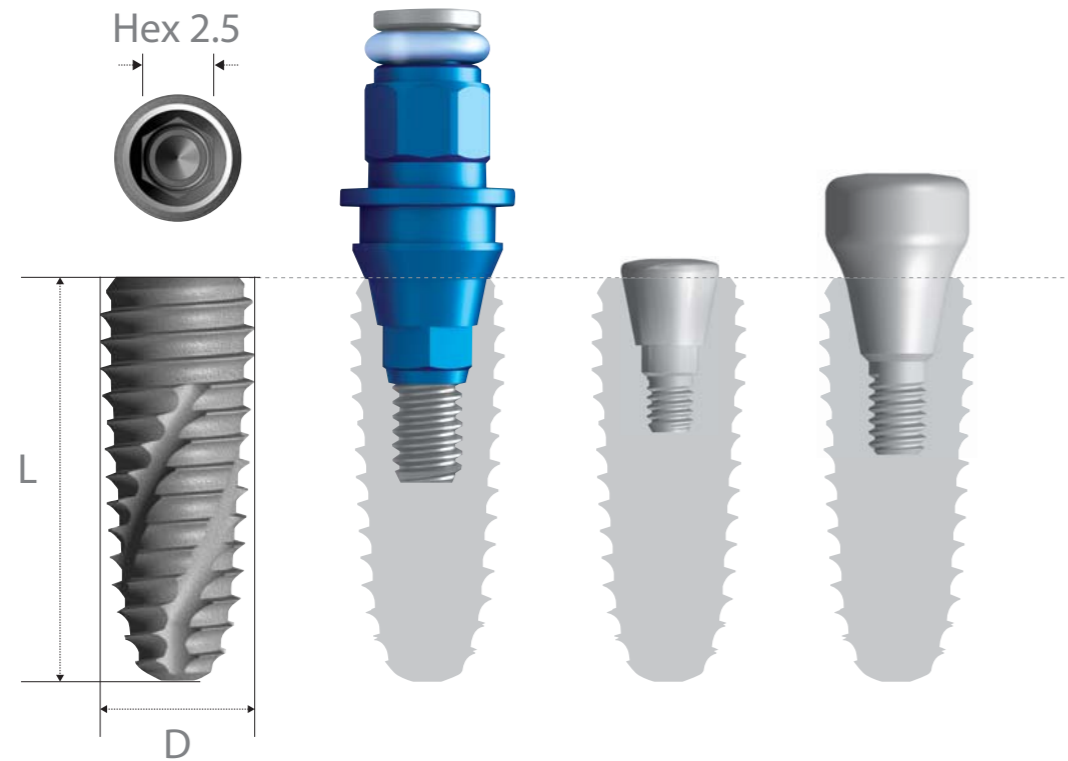
Fixture	Abutment		Impression	
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Submerged</p>	Cement / Screw / SCRP 유지형 보철제작 Abutment		Fixture Level Impression	<p>* Multi 사용가능 : Transfer Post 및 Cement/Screw Retained Type Abutment</p>
	Cement / SCRP 유지형 보철제작 Abutment			
	Cement / Screw / SCRP 유지형 보철제작 Abutment			
	Cement 유지형 보철제작 Abutment			
Over Denture Type 보철 제작 Abutment		Abutment Level Impression		

INNO Sub. Implant

SUB.
HEXAGON
SYSTEM

Submerged Fixture
Surface Treatment : SLA

- > 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 $\varnothing 4.0$ | **10** Length 10mm | **S** Surface Treatment SLA | **M** Mount No-Mount

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

S Type Submerged | **T** body Taper | **40** Diameter $\varnothing 4.0$ | **10** Length 10mm | **S** Surface Treatment SLA | **□** Mount Pre-Mount

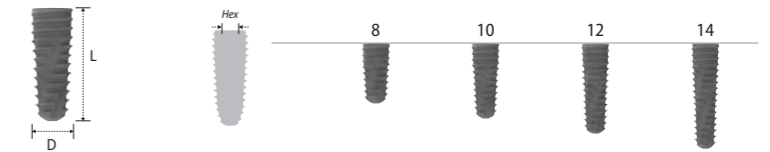
*Ex.) SLA Pre-Mount **ST4010S**

No-Mount > Packing Unit : 1 Fixture + 1 Cover Screw

Diameter $\varnothing 3.5$

Length

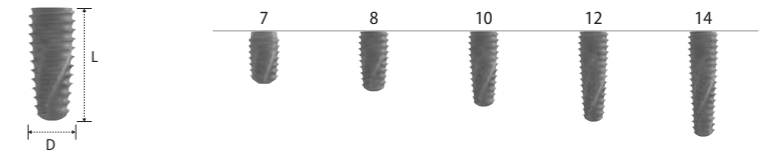
7	-
8	ST3508SM
10	ST3510SM
12	ST3512SM
14	ST3514SM



Diameter $\varnothing 4.0$

Length

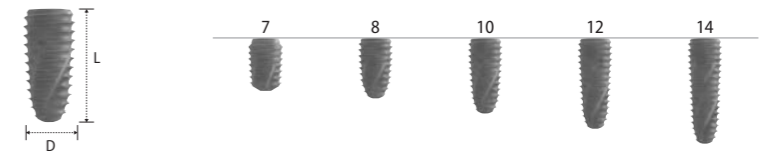
7	ST4007SM
8	ST4008SM
10	ST4010SM
12	ST4012SM
14	ST4014SM



Diameter $\varnothing 4.5$

Length

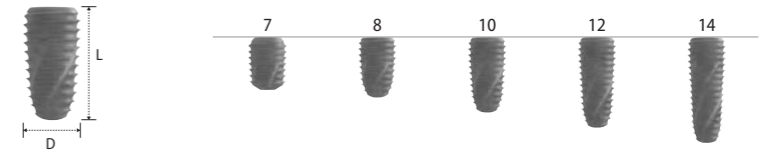
7	ST4507SM
8	ST4508SM
10	ST4510SM
12	ST4512SM
14	ST4514SM



Diameter $\varnothing 5.0$

Length

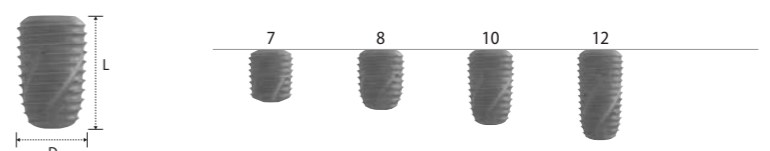
7	ST5007SM
8	ST5008SM
10	ST5010SM
12	ST5012SM
14	ST5014SM



Diameter $\varnothing 6.0$

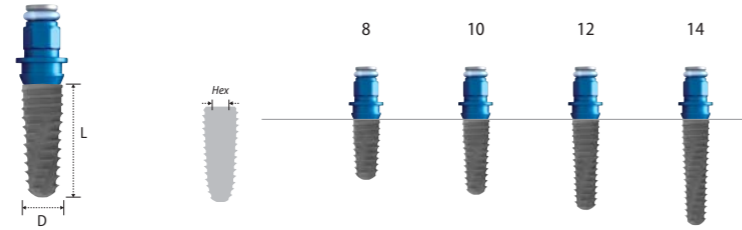
Length

7	ST6007SM
8	ST6008SM
10	ST6010SM
12	ST6012SM
14	-

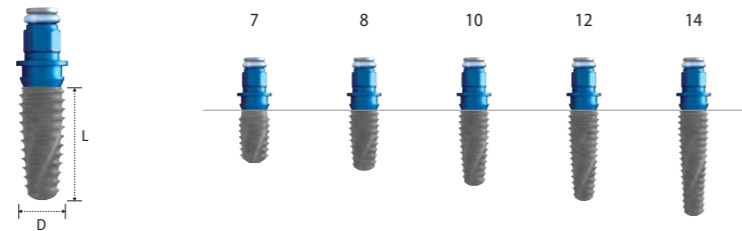


Pre-Mount > Packing Unit : 1 Fixture + 1 Cover Screw + 1 Mount

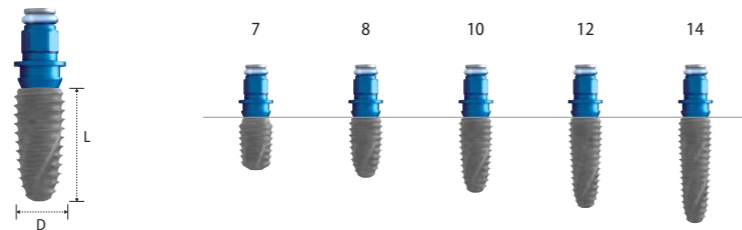
Diameter	Length	Part No.
Ø3.5	7	-
Ø3.5	8	ST3508S
Ø3.5	10	ST3510S
Ø3.5	12	ST3512S
Ø3.5	14	ST3514S



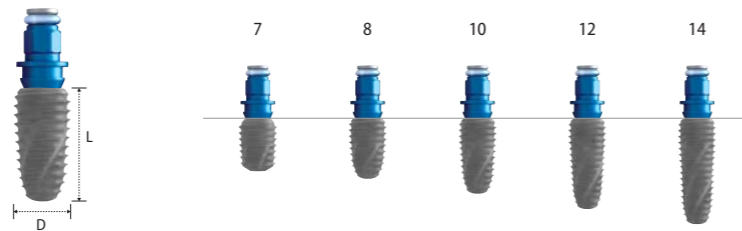
Diameter	Length	Part No.
Ø4.0	7	ST4007S
Ø4.0	8	ST4008S
Ø4.0	10	ST4010S
Ø4.0	12	ST4012S
Ø4.0	14	ST4014S



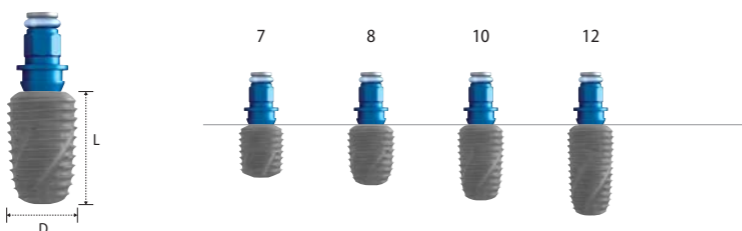
Diameter	Length	Part No.
Ø4.5	7	ST4507S
Ø4.5	8	ST4508S
Ø4.5	10	ST4510S
Ø4.5	12	ST4512S
Ø4.5	14	ST4514S



Diameter	Length	Part No.
Ø5.0	7	ST5007S
Ø5.0	8	ST5008S
Ø5.0	10	ST5010S
Ø5.0	12	ST5012S
Ø5.0	14	ST5014S



Diameter	Length	Part No.
Ø6.0	7	ST6007S
Ø6.0	8	ST6008S
Ø6.0	10	ST6010S
Ø6.0	12	ST6012S
Ø6.0	14	-



Fixture Mount



Length	Part No.
5.4	2SMHR001

- > 1,2 Hex Driver로 체결
- > 조임 토크 : 5~10 N·cm

Cover Screw

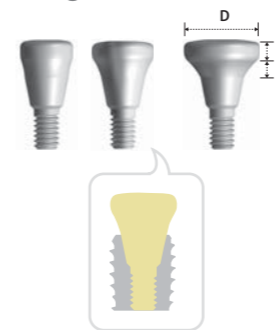


Length	Part No.	Part No.	Part No.
3	2SCS000	*2SCS001	*2SCS002

- > Implant 식립 후 Implant 연결부위(Connection) 보호
- > 1,2 Hex Driver로 체결
- > 깊게 식립되었을 경우 Long Cover Screw 사용
- > 조임 토크 : 5~10 N·cm

*별도판매

Healing Abutment

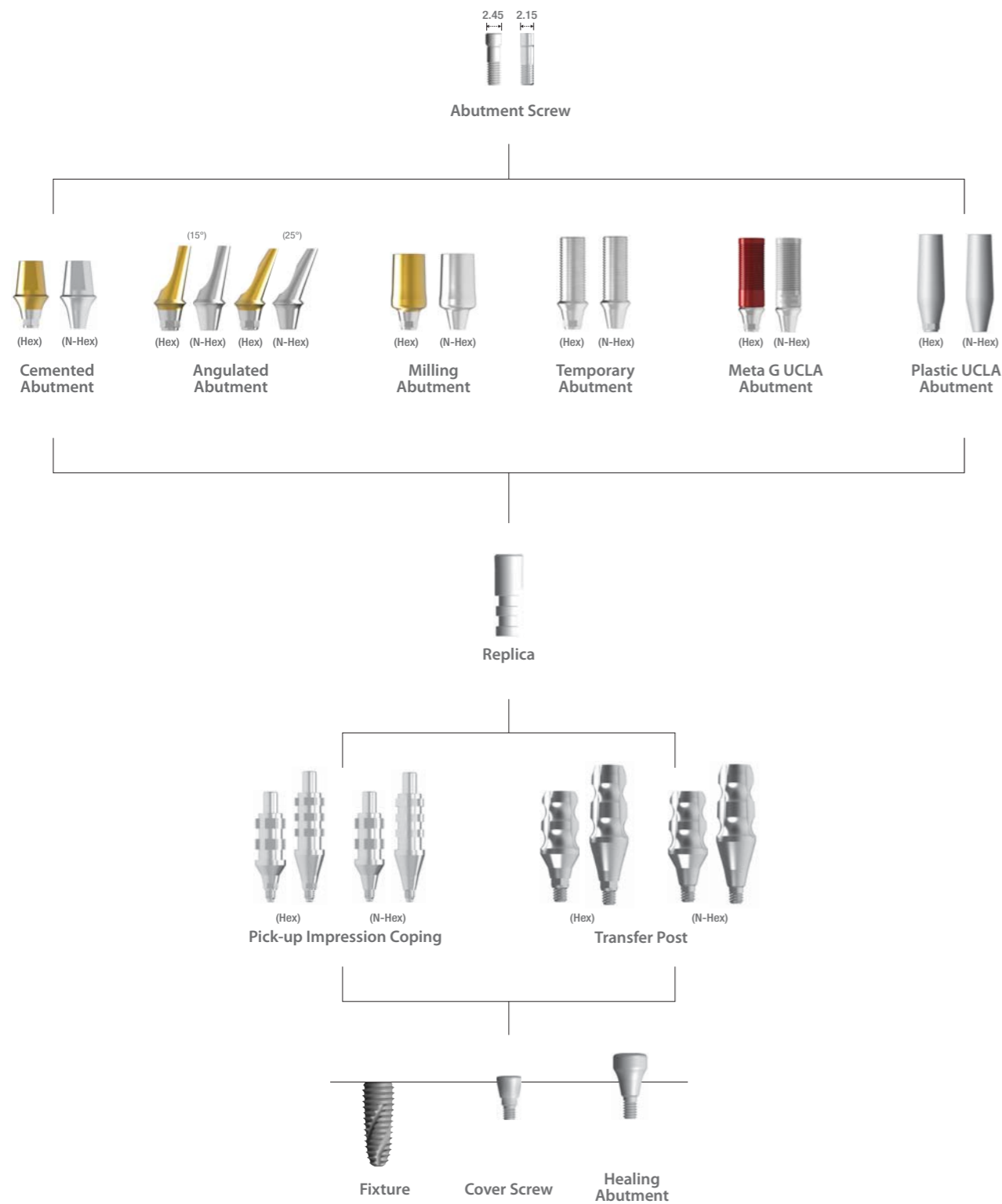


Diameter	Ø4.1		Ø4.5		Ø5.5		Ø6.5	
Length	1	2	1	2	1	2	1	2
1			2HS4511		2HS5511		2HS6511	
2	2HSM321	2HSM322		2HS4522		2HS5522		2HS6522
3		2HSM332		2HS4532		2HS5532		2HS6532
4		2HSM342		2HS4542		2HS5542		2HS6542
5		2HSM352		2HS4552		2HS5552		2HS6552
7				2HS4572		2HS5572		2HS6572

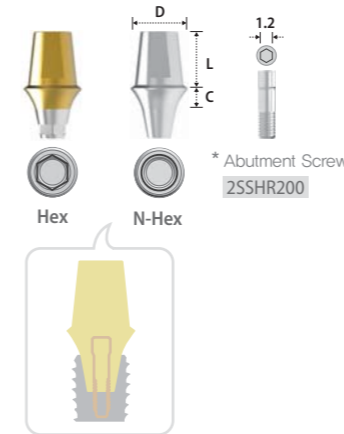
Diameter	Ø7.5	Ø8.5	Ø9.5	
Length	2			
Cuff	3	2HS7532	2HS8532	2HS9532

- > 치유기간 동안 Fixture에 체결하여 치은 모양 형성, 치은 높이 및 사용 Abutment에 따라 선택 사용
- > 1,2 Hex Driver로 체결
- > 조임 토크 : 5~10 N·cm

01 Component Selection Guide for Cemented & UCLA Abutment (2 Pieces)



Cemented Abutment

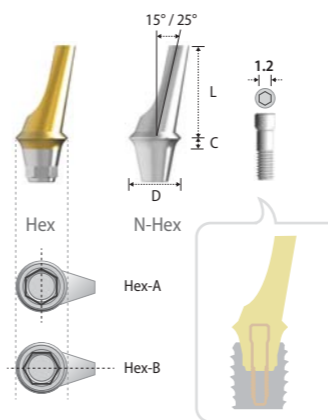


Type	Hex								
Diameter	Ø4.5			Ø5.5			Ø6.5		
Length Cuff	4	5.5	7	4	5.5	7	4	5.5	7
1	2SCH4514	2SCH4515	2SCH4517	2SCH5514	2SCH5515	2SCH5517	2SCH6514	2SCH6515	2SCH6517
2	2SCH4524	2SCH4525	2SCH4527	2SCH5524	2SCH5525	2SCH5527	2SCH6524	2SCH6525	2SCH6527
3	2SCH4534	2SCH4535	2SCH4537	2SCH5534	2SCH5535	2SCH5537	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

- > Cement Retained Type 보철 제작
- > Abutment Screw 체결 방식
- > 심미성을 고려하여 연결부위(Connection)를 제외한 부분 Gold Coloring
- > 보철물 회전 방지를 위한 Anti-rotating 단면 구현
- > 조임 토크 : 30 N·cm

Angulated Abutment

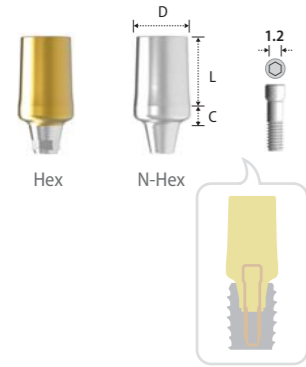


Type	Hex-A				Hex-B			
Diameter(Angle)	Ø4.5(15°)	Ø4.5(25°)	Ø5.5(15°)	Ø5.5(25°)	Ø4.5(15°)	Ø4.5(25°)	Ø5.5(15°)	Ø5.5(25°)
Length Cuff	8	8	8	8	8	8	8	8
1	2SAH45151	2SAH45251	2SAH55151	2SAH55251	2SAH45151B	2SAH45251B	2SAH55151B	2SAH55251B
2	2SAH45152	2SAH45252	2SAH55152	2SAH55252	2SAH45152B	2SAH45252B	2SAH55152B	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

- > Cement Retained Type 보철 제작
- > Fixture Path를 보정하거나 전치부에 사용
- > 조임 토크 : 30 N·cm

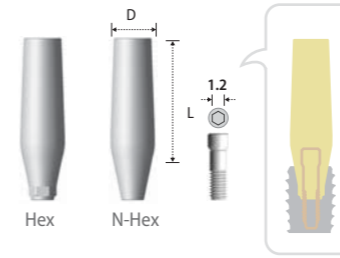
Milling Abutment



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

- > Cement Retained Type 보철 제작
- > Abutment Path 수정이나 보철 Margin부 Customizing이 필요한 경우에 사용
- > 조임 토크 : 30 N-cm

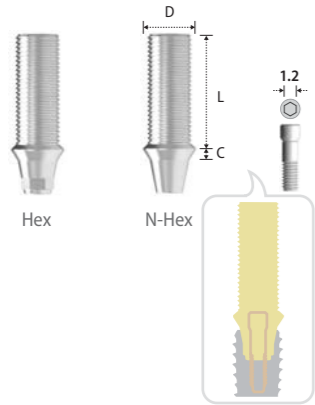
Plastic UCLA Abutment



Type	Hex		N-Hex	
Diameter	Ø4.5	Ø5.5	Ø4.5	Ø5.5
Length / Cuff	14	14	14	14
	2SPHR001	2SPHW001	2SPNR001	2SPNW001

- > Material : PMMA (Polymethyl Methacrylate)
- > Meta G Abutment와 같은 용도로 사용 (Connection 부위 정밀도는 떨어짐)
- > Customizing 후 치과용 합금으로 Casting하여 보철물 제작
- > 조임 토크 : Casting 전에는 부드럽게 조임, Casting 후에는 30 N-cm

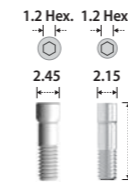
Temporary Abutment



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

- > 임시 보철 제작에 사용
- > 조임 토크 : 30 N-cm

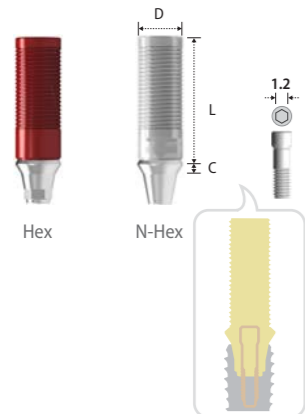
Abutment Screw



Diameter / Length	2.45	2.15
8.5	2SSHR100	2SSHR200

- > 2SSHR100 : Angulated / Milling / Temporary / Meta G UCLA / Plastic UCLA Abutment
- > 2SSHR200 : Cemented / Easy Temporary Abutment

Meta G UCLA Abutment



Type	Hex	N-Hex
Diameter	Ø4.5	Ø4.5
Length / Cuff	12	12
1	2SGH45N	2SGN45N

- > Material : CCM (Cobalt-Chromium-Molybdenum alloy)
- > Screw Retained Type 보철 제작
- > Path, 심미 등의 Customizing이 필요한 경우에 사용
- > 비귀금속 합금을 사용하여 Casting하여 보철물 제작
- > 조임 토크 : 30 N-cm

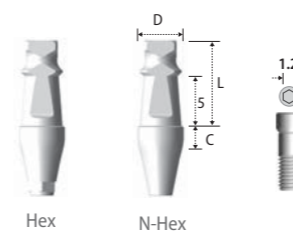
Replica



Length	12
	2SRHR001

- > Fixture Analog로 작업모형 상에 구강의 Fixture를 구현
- > 전 Size 공용

CCM Impression Coping

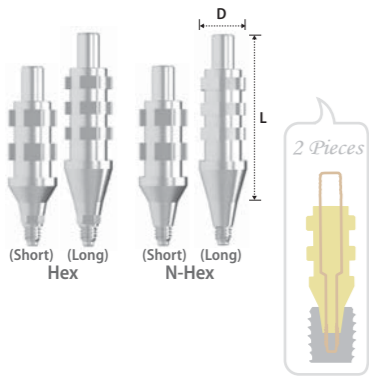


Type	Hex		N-Hex	
Diameter	Ø4.5	Ø5.5	Ø4.5	Ø5.5
Length / Cuff	8.7	8.7	8.7	8.7
2	2SIHR001C	2SIHW001C	2SINR001C	2SINW001C
4	2SIHR002C	2SIHW002C	2SINR002C	2SINW002C

- > Material : CCM (Cobalt-Chromium-Molybdenum alloy)
- > Multi 사용가능 : Transfer Post 및 Cement / Screw Retained Type Abutment
- > Casting 시 비귀금속 합금 사용

02 Component Selection Guide for Hybrid Ti-Base and Block

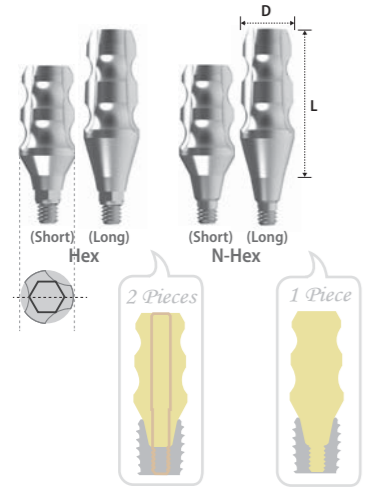
Pick-up Impression Coping



Type	Hex			N-Hex		
Diameter / Length	Ø4.5	Ø5.5	Ø6.5	Ø4.5	Ø5.5	Ø6.5
16 (Short)	2SIH45S	2SIH55S	2SIH65S	2SIN45S	2SIN55S	2SIN65S
20 (Long)	2SIH45L	2SIH55L	2SIH65L	2SIN45L	2SIN55L	2SIN65L

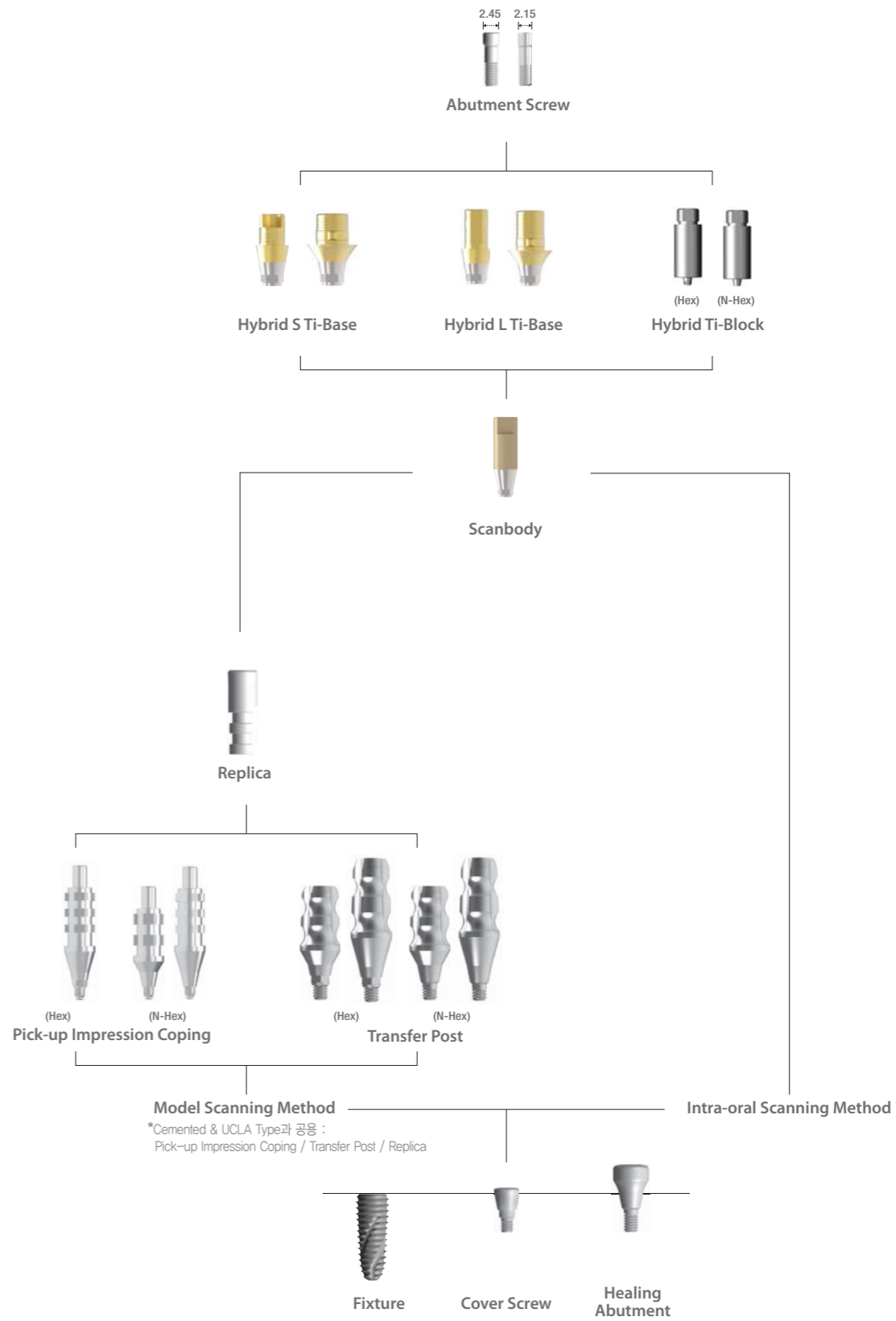
> Pick-up Type (Custom Tray 사용 인상 채득)

Transfer Post

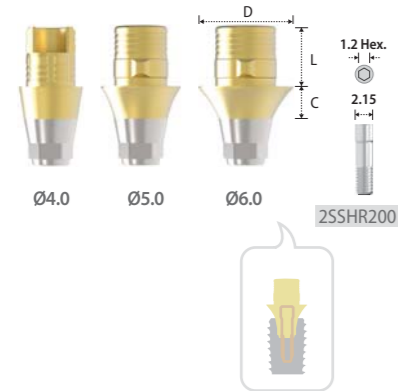


Type	Hex			N-Hex		
Diameter / Length	Ø4.5	Ø5.5	Ø6.5	Ø4.5	Ø5.5	Ø6.5
11 (Short)	2STH45S	2STH55S	2STH65S	2STN45S	2STN55S	2STN65S
15 (Long)	2STH45L	2STH55L	2STH65L	2STN45L	2STN55L	2STN65L

> Transfer Type (기성 Tray 사용 인상 채득)



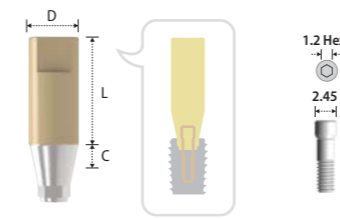
Hybrid S Ti-Base



Type	Hex		
Diameter	Ø4.0	Ø5.0	Ø6.0
Length			
Cuff			
0.8	2SLH404	2SLH504	2SLH604
2	2SLH424	2SLH524	2SLH624
3	2SLH434	2SLH534	2SLH634

- > SCRIP / Cement / Screw Retained Type 보철 제작
- > CAD / CAM을 이용하여 Ti + Zr Custom Abutment를 제작할 경우 사용
- > EXOCAD, 3Shape, Dental wings 등 라이브러리 제공
- > 심미성을 고려하여 연결부위(Connection)를 제외한 부분 Gold Coloring
- > 조임 토크 : 30 N-cm
- > Fixture Level Impression

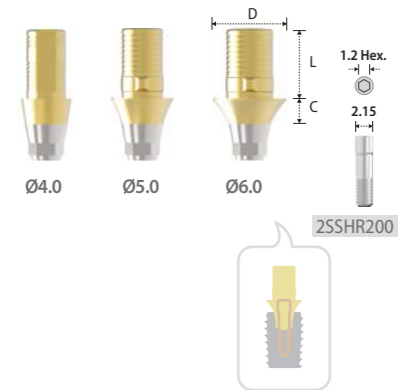
Scanbody



Diameter	Ø4.3
Length	8
Cuff	2
2SSB4329	

- > Model Scanner / Intra Oral Scanner 사용 가능
- > Hybrid Ti-Base / Hybrid Ti-Block 사용 가능
- > 내구성이 뛰어난 고정밀한 Titanium Base
- > Scan Spray, Sanding 불필요
- > 조임 토크 : 15~20 N-cm

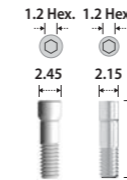
Hybrid L Ti-Base



Type	Hex		
Diameter	Ø4.0	Ø5.0	Ø6.0
Length			
Cuff			
1	2SLH415	2SLH515	2SLH615
2	2SLH425	2SLH525	2SLH625
3	2SLH435	2SLH535	2SLH635

- > SCRIP / Cement / Screw Retained Type 보철 제작
- > CAD / CAM을 이용하여 Ti + Zr Custom Abutment를 제작할 경우 사용
- > EXOCAD, 3Shape, Dental wings 등 라이브러리 제공
- > 심미성을 고려하여 연결부위(Connection)를 제외한 부분 Gold Coloring
- > 조임 토크 : 30 N-cm
- > Fixture Level Impression

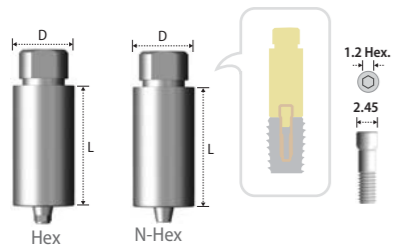
Abutment Screw



Diameter	2.45	2.15
Length		
8.5	2SSHR100	2SSHR200

- > 2SSHR100 : Hybrid Block and Scanbody
- > 2SSHR200 : Hybrid S & L Ti-Base

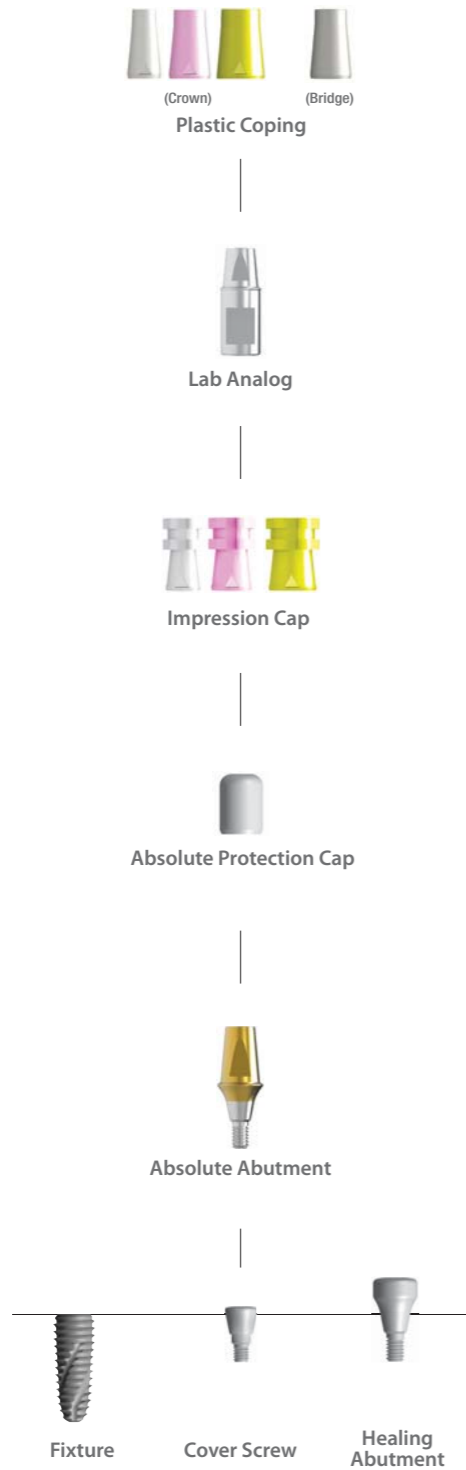
Hybrid Ti-Block



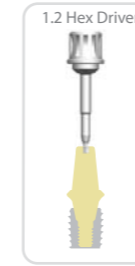
Type	Hex			N-Hex		
Diameter	10	12	14	10	12	14
Length						
20	CSHH10S	CSHH12S	CSHH14S	CSHN10S	CSHN12S	CSHN14S

- > SCRIP / Cement / Screw Retained Type 보철 제작
- > CAD / CAM 이용한 Customized Abutment를 제작할 경우 사용
- > EXOCAD, 3Shape, Dental wings 등 라이브러리 제공
- > 조임 토크 : 30 N-cm
- > Fixture Level Impression

03 Component Selection Guide for Absolute Type (1 Piece)



Absolute Abutment

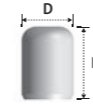


Diameter Length Cuff	Ø4.5			Ø5.5		
	4	5.5	7	4	5.5	7
1	2SAC4514	2SAC4515	2SAC4517	2SAC5514	2SAC5515	2SAC5517
2	2SAC4524	2SAC4525	2SAC4527	2SAC5524	2SAC5525	2SAC5527
3	2SAC4534	2SAC4535	2SAC4537	2SAC5534	2SAC5535	2SAC5537
4	2SAC4544	2SAC4545	2SAC4547	2SAC5544	2SAC5545	2SAC5547
5	2SAC4554	2SAC4555	2SAC4557	2SAC5554	2SAC5555	2SAC5557

Diameter Length Cuff	Ø6.5		
	4	5.5	7
1	2SAC6514	2SAC6515	2SAC6517
2	2SAC6524	2SAC6525	2SAC6527
3	2SAC6534	2SAC6535	2SAC6537
4	2SAC6544	2SAC6545	2SAC6547
5	2SAC6554	2SAC6555	2SAC6557

- > Cement Retained Type 보철 제작
- > Screw와 Abutment 일체형 구조
- > Abutment Level 인상 채득
- > 조임 토크 : 30 N-cm
- > 심미성을 고려하여 연결부위(Connection)를 제외한 부분 Gold Coloring
- > 보철물 회전 방지를 위한 Anti-rotating 단면 구현
- > Screw Loosening 방지를 위해 체결 10분 후에 Retightening 실시
- > 체결 시 1.2 Hex Driver 사용

Absolute Protection Cap



Diameter Length	Ø5.0	Ø6.0	Ø7.0
6	2SHPC454	2SHPC554	2SHPC654
7.5	2SHPC455	2SHPC555	2SHPC655
9	2SHPC457	2SHPC557	2SHPC657

- > 구강 내 Abutment를 보호하고 환자의 이물감을 최소화 함
- > 임시 보철의 하부 구조로도 사용 가능

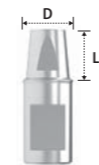
Absolute Impression Cap



Abut. Dia. Length	Ø4.5	Ø5.5	Ø6.5
10.3	2SIC45	2SIC55	2SIC65

- > Cemented Abutment II (1 Piece) 인상 채득에 사용
- > Locking 후 좌우로 돌려보면서 체결 확인

Absolute Lab Analog



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

- > 작업 모형상에 Abutment 형상 구현
- > 사용 Abutment에 따라 Size 선택 사용

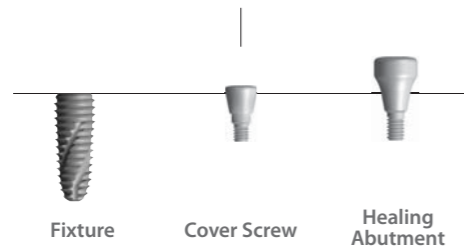
Absolute Plastic Coping (Burn Out Cylinder)



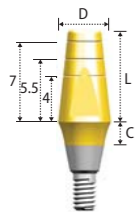
Type Abut. Dia. Length	Crown			Bridge		
	Ø4.5	Ø5.5	Ø6.5	Ø4.5	Ø5.5	Ø6.5
10	2SHBC45	2SHBC55	2SHBC65	2SHBB45	2SHBB55	2SHBB65

- > Lab Analog에 체결하여 보철물의 Framework로 사용

04 Component Selection Guide for Straight Abutment

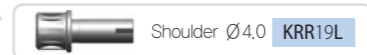


Straight Abutment



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

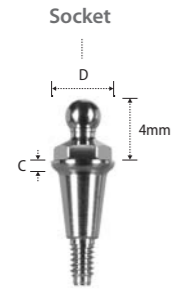
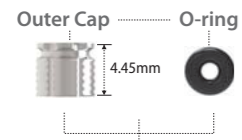
- > Cement Retained Type 보철 제작 (Direct Impression)
- > Cutting Groove형성, 원하는 길이로 식제하여 사용
- > 전치 및 견치부 사용 권장
- > 조임 토크 : 30 N-cm
- > Screw Loosening 방지를 위해 체결 10분 후에 Retightening 실시
- > 체결 시 Shoulder Driver 사용 (KPA003 / Sub. Hex. 보철 키트에 탑재)



05 Component Selection Guide for Ball Attachment Abutment

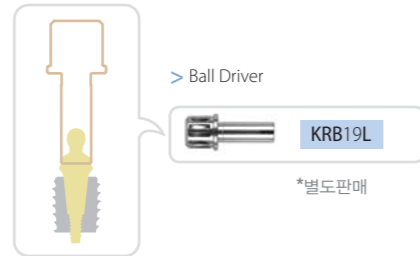


Ball Abutment



Ball Abutment

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



- > 부분 또는 전체 무치약 Overdenture 보철 제작에 사용
- > 조임 토크 : 30 N·cm
- > 체결 시 Ball Driver 사용

Socket



BATC004	
---------	--

※포장단위 : Socket 4set

Outer Cap



BATC003C	
----------	--

O-ring



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

Ball Analog



Diameter Length	Ø4.0
4	SBAL400

> 작업 모형상에 Abutment 형상 구현