

Implant Innovation

When INNOVATION meets Dental Implant..



INNO EXTERNAL IMPLANT

INNO-EXTERNAL IMPLANT

External Implant System Flow

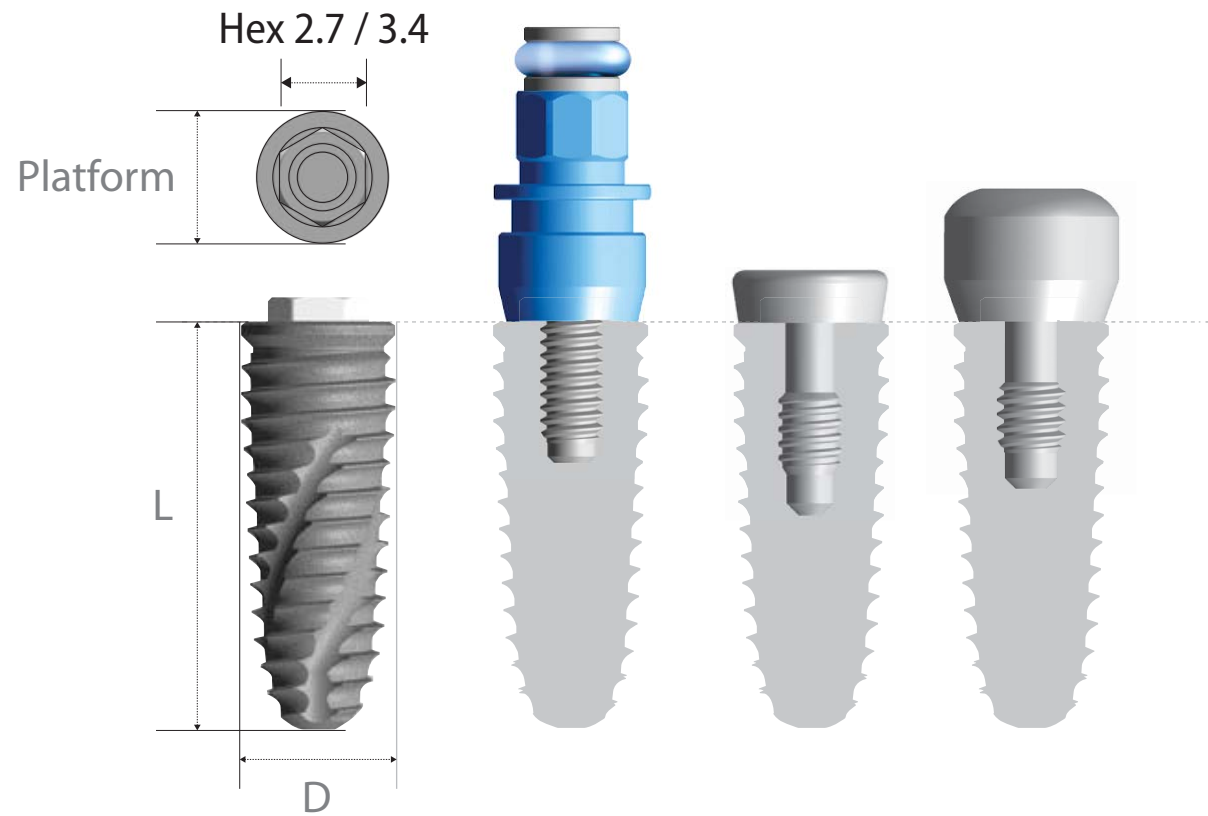
Fixture	Abutment	Impression	
<p>External</p>	<p>Cement / Screw / SCRP 유지형 보철제작 Abutment</p>	<p>68P Temporary</p> <p>69P Meta G UCLA</p> <p>69P Plastic Sleeve</p>	
	<p>Cement / SCRP 유지형 보철제작 Abutment</p>	<p>68P Cemented</p> <p>68P Angulated</p>	<p>Fixture Level Impression</p> <p>69P Pick-up Squared Impression Coping</p> <p>69P Transfer Post & Screw</p> <p>69P Replica</p>
	<p>Cement 유지형 보철제작 Abutment</p>	<p>71P Shoulder</p>	<p>Abutment Level Impression</p> <p>71P Impression Cap</p> <p>72P Positioning Cylinder</p> <p>72P Lab Analog</p>
	<p>Over Denture Type 보철 제작 Abutment</p>	<p>74P Ball Attachment</p>	<p>75P Ball Attachment Analog</p>

External Implant

EXT.
HEXAGON
SYSTEM

External Fixture
Surface Treatment : **SLA**

- > Interchangeable with external hexagonal fixture
- > External Hex Connection (Hex 2.7 / 3.4)
- > Pre-Mount Type



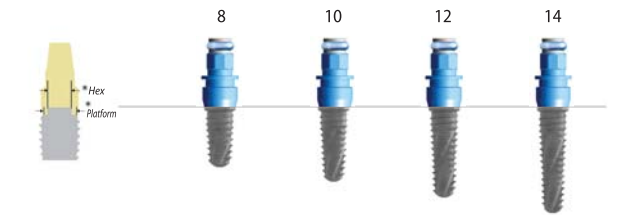
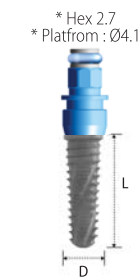
INNO Fixture Code

E	T	40	10	S	<input type="checkbox"/>
Type External	body Taper	Diameter Ø 4.0	Length 10 mm	Surface Treatment SLA	Mount Pre-Mount

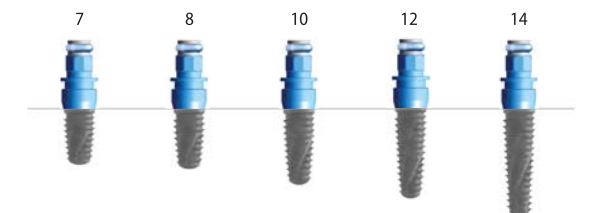
*Ex.)
SLA Pre-Mount ET4010S

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

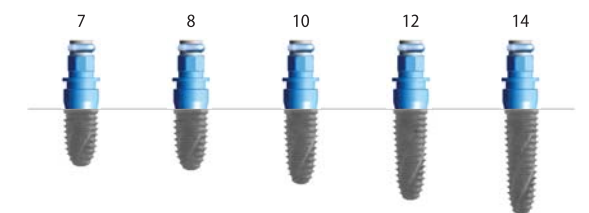
* Diameter	Ø 3.5
Length	
7	-
8	ET3508S
10	ET3510S
12	ET3512S
14	ET3514S



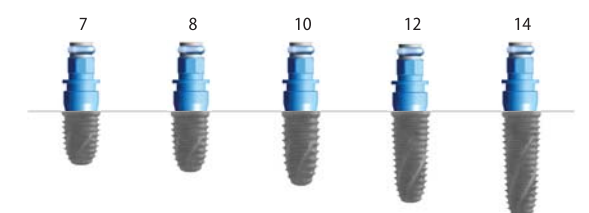
* Diameter	Ø 4.0
Length	
7	ET4007S
8	ET4008S
10	ET4010S
12	ET4012S
14	ET4014S



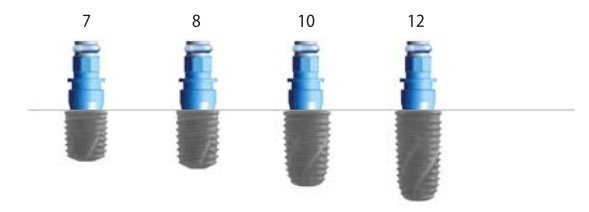
* Diameter	Ø 4.5
Length	
7	ET4507S
8	ET4508S
10	ET4510S
12	ET4512S
14	ET4514S



* Diameter	Ø 5.0
Length	
7	ET5007S
8	ET5008S
10	ET5010S
12	ET5012S
14	ET5014S



* Diameter	Ø 6.0
Length	
7	ET6007S
8	ET6008S
10	ET6010S
12	ET6012S
14	-



01 Component Selection Guide for Cemented & UCLA Abutment

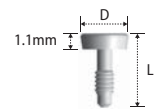
Fixture Mount



Hex	Hex2.7	Hex3.4
Platform [Fixture Dia.]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.1 [Ø5.0 / Ø6.0]
Diameter	Ø4.9	Ø5.5
Length	7.2	MEW002

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

Cover Screw



Hex	Hex2.7	Hex3.4
Platform [Fixture Dia.]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.1 [Ø5.0 / Ø6.0]
Diameter	Ø4.3	Ø5.2
Length	5.8	VNW001

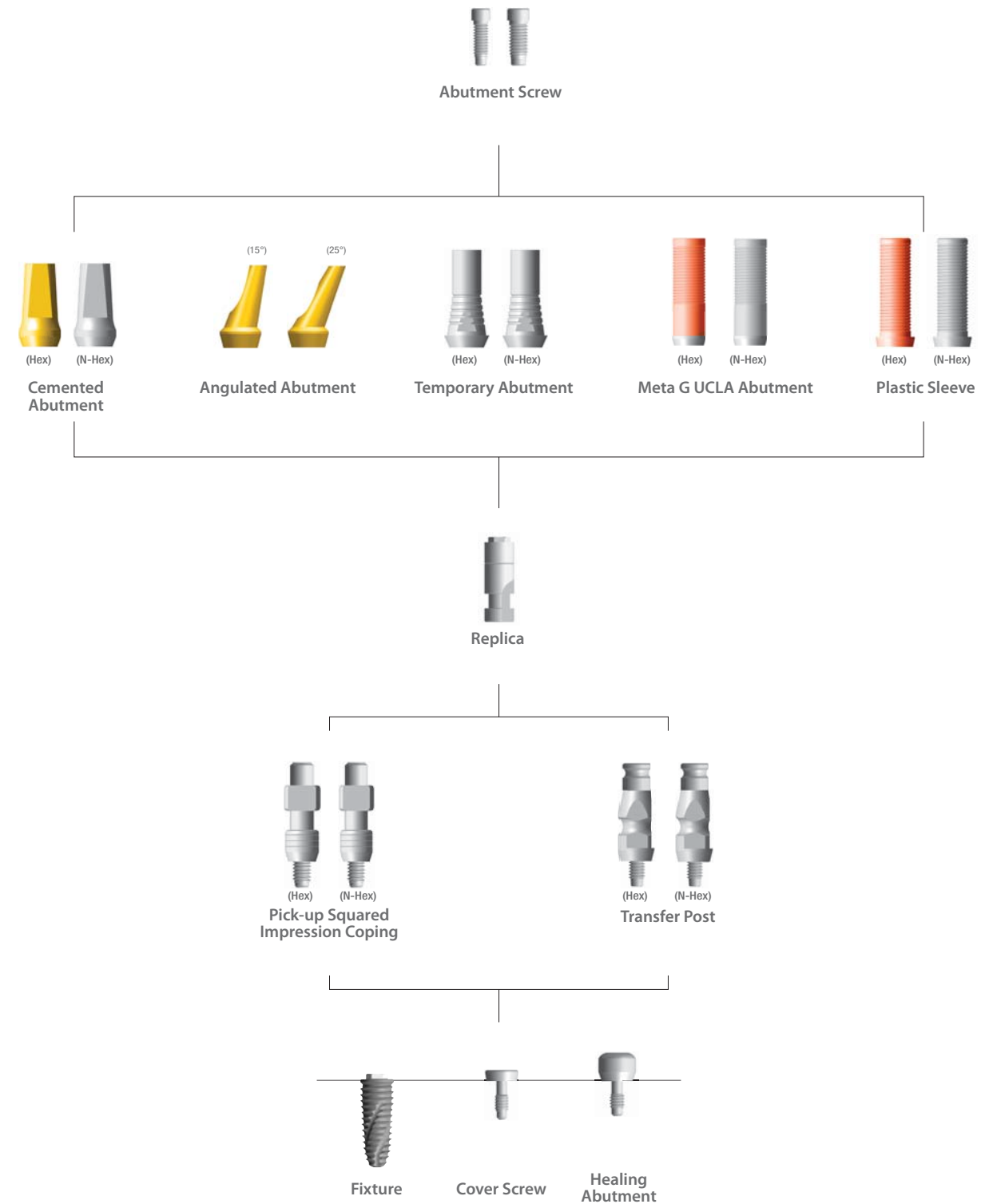
- > Implant 식립 후 Implant 연결부위(Connection) 보호
- > 1,2 Hex Driver로 체결.
- > 조임 토크 : 5~10 N·cm

Healing Abutment

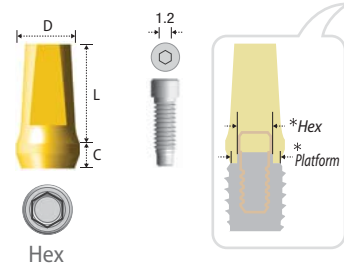


Hex	Hex2.7	Hex3.4
Platform [Fixture Dia.]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.1 [Ø5.0 / Ø6.0]
Diameter	Ø5.0	Ø6.0
Length	2.8	HNW602
	3.8	HNW603
	4.8	HNW604
	5.8	HNW605
	6.8	HNW606
	7.8	HNW607

- > 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

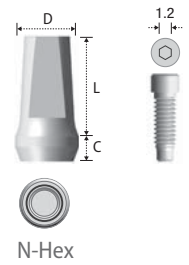


Cemented Abutment (Hex)



Type	Hex			
*Hex	Hex2.7		Hex3.4	
*Platform [Fixture Dia.]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]		Ø5.1 [Ø5.0 / Ø6.0]	
Diameter	Ø5.0		Ø6.0	
Length Cuff	6	8	6	8
1	CHR516	CHR518	CHW616	CHW618
2	CHR526	CHR528	CHW626	CHW628
3	CHR536	CHR538	CHW636	CHW638
4	CHR546	CHR548	CHW646	CHW648

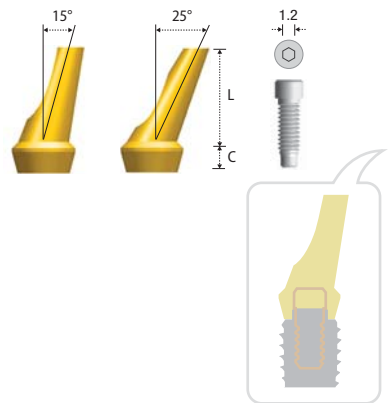
Cemented Abutment (N-Hex)



Type	N-Hex			
*Platform [Fixture Dia.]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]		Ø5.1 [Ø5.0 / Ø6.0]	
Diameter	Ø5.0		Ø6.0	
Length Cuff	6	8	6	8
1	CNR516	CNR518	CNW616	CNW618
2	CNR526	CNR528	CNW626	CNW628
3	CNR536	CNR538	CNW636	CNW638
4	CNR546	CNR548	CNW646	CNW648

- > Cement Retained Type 보철 제작
- > Coping Screw 체결 방식
- > 심미성을 고려하여 연결부위(Connection)를 제외한 부분 Gold Coloring
- > 조임 토크 : 35 N-cm

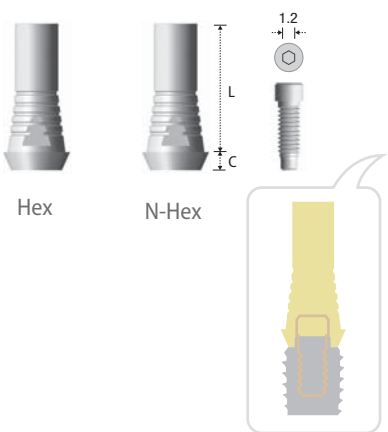
Angulated Abutment



Hex	Hex2.7	Hex3.4	Hex2.7	Hex3.4
Platform [Fixture Dia.]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.1 [Ø5.0 / Ø6.0]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.1 [Ø5.0 / Ø6.0]
Angle	15°	15°	25°	25°
Length Cuff	8	8	8	8
2	AAR152	AAW152	AAR252	AAW252
3	AAR153	AAW153	AAR253	AAW253
4	AAR154	AAW154	AAR254	AAW254

- > Cement Retained Type 보철 제작
- > Fixture Path를 보장하거나 전치부에 사용
- > 조임 토크 : 35 N-cm

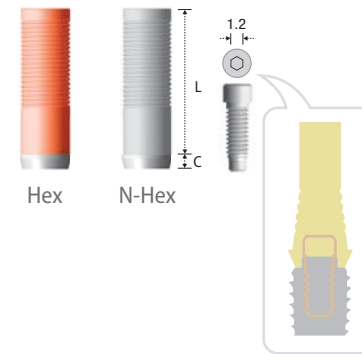
Temporary Abutment



Type[Hex]	Hex[2.7]	Hex[3.4]	N-Hex	N-Hex
Platform [Fixture Dia.]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.1 [Ø5.0 / Ø6.0]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.1 [Ø5.0 / Ø6.0]
Length Cuff	12	12	12	12
1.5	THR001	THW001	TNR001	TNW001

- > 임시 보철 제작에 사용
- > 조임 토크 : 35 N-cm

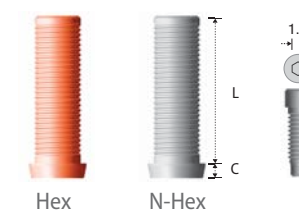
Meta G UCLA Abutment



Type[Hex]	Hex[2.7]	Hex[3.4]	N-Hex	N-Hex
Platform [Fixture Dia.]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.1 [Ø5.0 / Ø6.0]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.1 [Ø5.0 / Ø6.0]
Length Cuff	13	13	13	13
1.2	GHR001N	GHW001N	GNR001N	GNW001N

- > Material : CCM (Cobalt-Chromium-Molybdenum alloy)
- > Path, 심미 등의 Customizing이 필요한 경우에 사용
- > 비귀금속 합금을 사용하여 Casting하여 보철물 제작
- > 조임 토크 : 35 N-cm

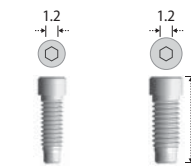
Plastic Sleeve



Type[Hex]	Hex[2.7]	Hex[3.4]	N-Hex	N-Hex
Platform [Fixture Dia.]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.1 [Ø5.0 / Ø6.0]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.1 [Ø5.0 / Ø6.0]
Length Cuff	11.8	11.8	11.8	11.8
1.2	PHR001	PHW001	PNR001	PNW001

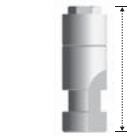
- > Material : PMMA (Polymethyl Methacrylate)
- > Path, 심미 등의 Customizing이 필요한 경우에 사용
- > 조임 토크 : Casting 전에는 부드럽게 조임, Casting 후에는 35 N-cm

Abutment Screw



Hex	Hex2.7	Hex3.4
Platform [Fixture Dia.]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.1 [Ø5.0 / Ø6.0]
Length	8	8
	SHR100	SHW100

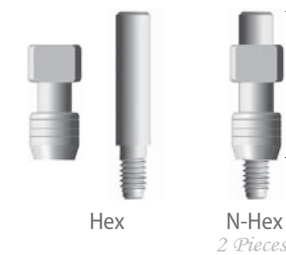
Replica



Hex	Hex2.7	Hex3.4
Platform [Fixture Dia.]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.1 [Ø5.0 / Ø6.0]
Length	12	12
	LHR001	LHW001

- > Fixture Analog로 작업모형 상에 구강의 Fixture를 구현

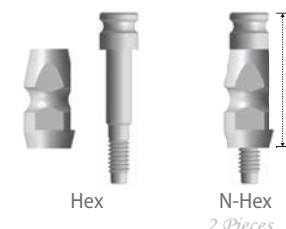
Pick-up Squared Impression Coping



Type[Hex]	Hex[2.7]	Hex[3.4]	N-Hex	N-Hex
Platform [Fixture Dia.]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.1 [Ø5.0 / Ø6.0]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.1 [Ø5.0 / Ø6.0]
Length	17	17	17	17
	IHR500	IHW600	INR500	INW600

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

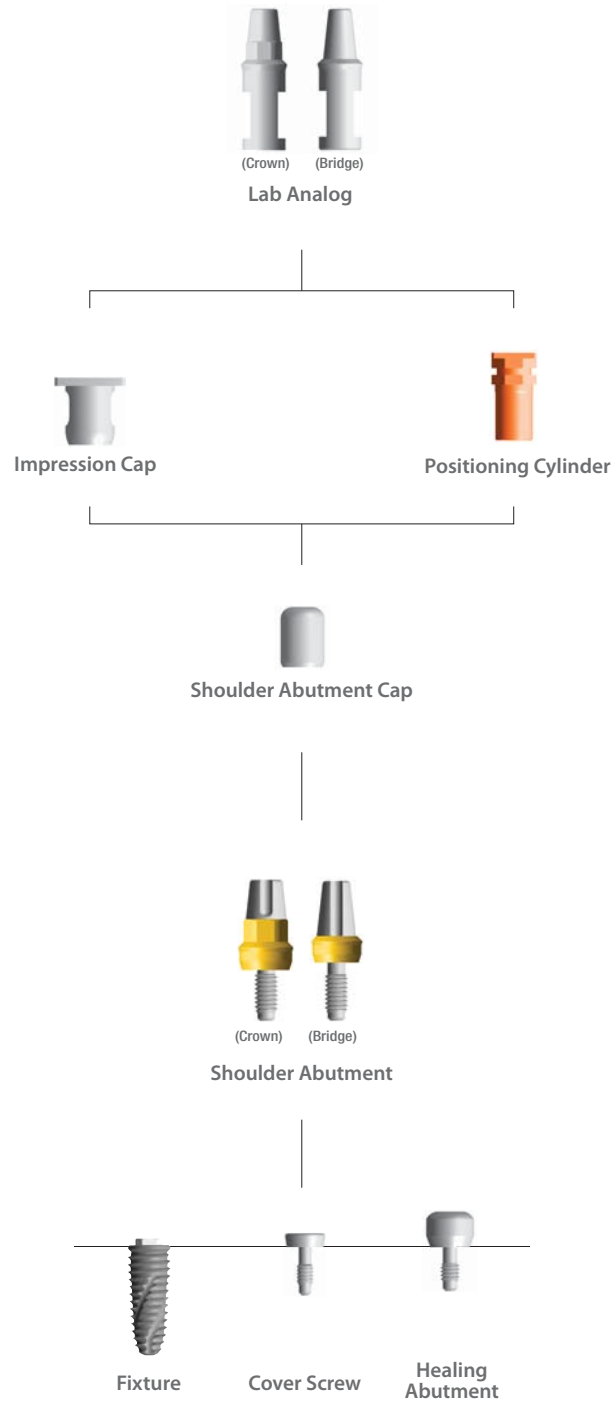
Transfer Post



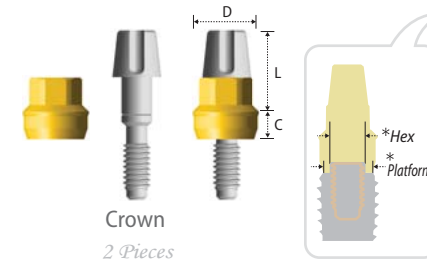
Type[Hex]	Hex[2.7]	Hex[3.4]	N-Hex	N-Hex
Platform [Fixture Dia.]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.1 [Ø5.0 / Ø6.0]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.1 [Ø5.0 / Ø6.0]
Length	13	13	13	13
	IHR510	IHW610	INR510	INW610

- > Transfer Type (기성 Tray 사용 인상 채득)

02 Component Selection Guide for Shoulder Abutment

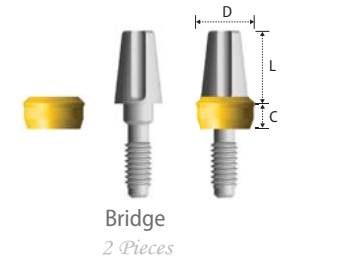


Shoulder Abutment (Crown)



Type	Crown					
*Hex	Hex2.7			Hex3.4		
*Platform [Fixture Dia.]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]			Ø5.1 [Ø5.0 / Ø6.0]		
Diameter	Ø4.8			Ø5.9		
Length Cuff	4	5.5	7	4	5.5	7
1	SAC414	SAC415	SAC417	SAC514	SAC515	SAC517
2	SAC424	SAC425	SAC427	SAC524	SAC525	SAC527
3	SAC434	SAC435	SAC437	SAC534	SAC535	SAC537
4	SAC444	SAC445	SAC447	SAC544	SAC545	SAC547

Shoulder Abutment (Bridge)

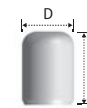


Type	Bridge					
Hex	Hex2.7			Hex3.4		
Platform [Fixture Dia.]	Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5]			Ø5.1 [Ø5.0 / Ø6.0]		
Diameter	Ø4.8			Ø5.9		
Length Cuff	4	5.5	7	4	5.5	7
1	SAB414	SAB415	SAB417	SAB514	SAB515	SAB517
2	SAB424	SAB425	SAB427	SAB524	SAB525	SAB527
3	SAB434	SAB435	SAB437	SAB534	SAB535	SAB537
4	SAB444	SAB445	SAB447	SAB544	SAB545	SAB547

- > Cement Retained Type 보철 제작
- > Screw 풀림 방지 구조 적용
- > 조임 토크 : 35 N·cm
- > 체결 시 Shoulder Driver 사용 (KPA003 / Sub, Hex, 보철 키트에 탑재)



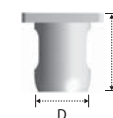
Shoulder Abutment Cap



Diameter Length	Ø5.4	Ø6.5
6.2	IASR140	IASW140
7.7	IASR155	IASW155
9.2	IASR170	IASW170

- > 구강 내 Abutment를 보호하고 환자의 이물감을 최소화 함
- > 임시 보철의 하부 구조로도 사용 가능
- > Crown / Bridge Type 공용 사용

Impression Cap



Diameter Length	Ø5.6	Ø6.7
8	IICR001	IICW001

- > Positioning Cylinder를 체결하여 Absolute Abutment 인상 채득에 사용
- > Locking 후 좌우로 돌려보면서 체결 확인

03 Component Selection Guide for Ball Attachment Abutment

Positioning Cylinder



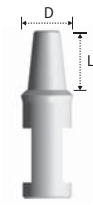
Diameter	Ø4.4	Ø5.5
Length	SAPR001	SAPW001

- > Impression Cap에 체결
- > Int, Shoulder Positioning Cylinder와 공용 사용

Lab Analog



Crown



Bridge

Type	Crown		Bridge	
Diameter	Ø4.8	Ø5.9	Ø4.8	Ø5.9
4	SLCR040	SLCW040	SLBR040	SLBW040
5.5	SLCR055	SLCW055	SLBR055	SLBW055
7	SLCR070	SLCW070	SLBR070	SLBW070

- > 작업 모형상에 Abutment 형상 구현
- > 사용 Abutment에 따라 Size 선택 사용
- > Int, Shoulder Lab Analog와 공용 사용



Socket



Ball Analog



Ball Abutment



Fixture

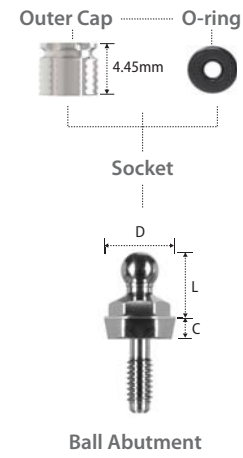


Cover Screw

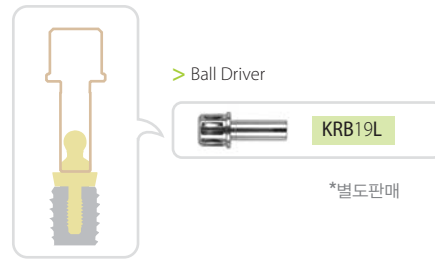


Healing Abutment

Ball Abutment



Diameter	Ø5.0	Ø6.0
Length	4	4
Cuff		
1	EBAT411R	EBAT511R
2	EBAT412R	EBAT512R
3	EBAT413R	EBAT513R
4	EBAT414R	EBAT514R



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

Ball Analog



Diameter	Ø4.0
Length	4
	SBAL400

> 작업 모형상에 Abutment 형상 구현

Socket



BATC004

※포장단위 : Socket 4set

Outer Cap



BATC003C

O-ring



BATC003I