

*Implant Innovation*

When INNOVATION meets Dental Implant..



**INNO INTERNAL IMPLANT**

# INNO-INTERNAL IMPLANT

## Internal Implant System Flow

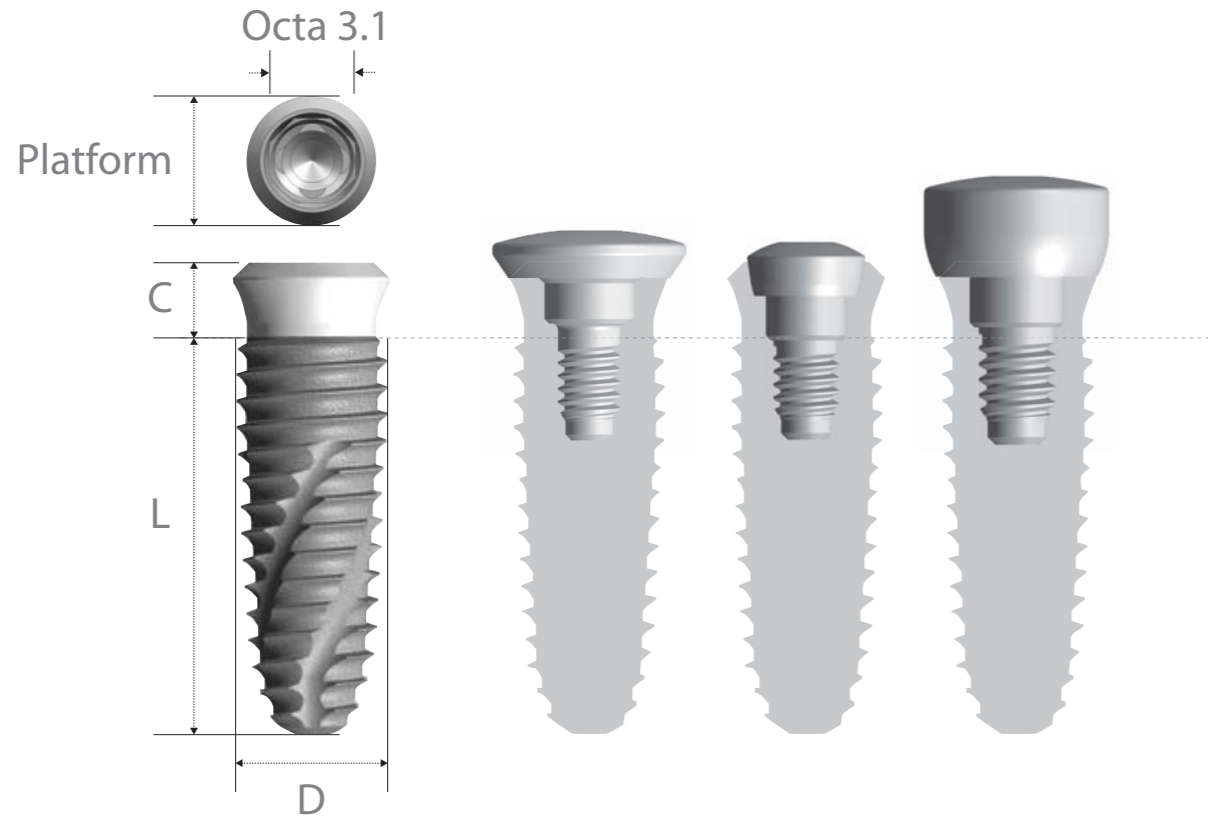
Fixture	Abutment	Impression
<p>49P</p> <p>Octa 3.1</p> <p>Platform Ø4.8 / 5.9</p> <p>Cuff 1.8 / 2.4mm</p> <p>Length 7 / 8 / 10 / 12 / 14mm</p> <p>Diameter Ø3.5 / 4.0 / 4.5 / 5.0 / 6.0</p>	<p>53P</p> <p>Meta G UCLA</p>	
	<p>53P</p> <p>Cemented</p> <p>53P</p> <p>Angulated</p>	<p>Fixture Level Impression</p> <p>54P</p> <p>Pick-up Impression Coping</p> <p>54P</p> <p>Transfer Post &amp; Screw</p> <p>54P</p> <p>Replica</p>
	<p>56P</p> <p>Solid</p> <p>59P</p> <p>Shoulder</p>	<p>Abutment Level Impression</p> <p>56P</p> <p>Impression Cap</p> <p>56P</p> <p>Positioning Cylinder</p> <p>57P</p> <p>Lab Analog</p> <p>57P</p> <p>Plastic Coping</p> <p>59P</p> <p>Impression Cap</p> <p>59P</p> <p>Positioning Cylinder</p> <p>59P</p> <p>Lab Analog</p>
<p>Over Denture Type 보철 제작 Abutment</p>	<p>61P</p> <p>Ball Attachment</p>	<p>61P</p> <p>Ball Attachment Analog</p>

# Internal Implant



Internal Fixture  
Surface Treatment : SLA

- > Interchangeable with 1 staged Internal Fixture
- > Internal Octa Connection (Taper 8°/ Octa 3.1)
- > No-Mount Type



## INNO Fixture Code

**I** Type Internal | **P** Cuff 1.8 | **T** body Taper | **40** Diameter Ø4.0 | **10** Length 10mm | **S** Surface Treatment SLA | **M** Mount No-Mount | \*Ex.) SLA Cuff 1.8 No-Mount | **IPT4010SM**

**I** Type Internal | **C** Cuff 2.4 | **T** body Taper | **40** Diameter Ø4.0 | **10** Length 10mm | **S** Surface Treatment SLA | **M** Mount No-Mount | \*Ex.) SLA Cuff 2.4 No-Mount | **IT4010SM**

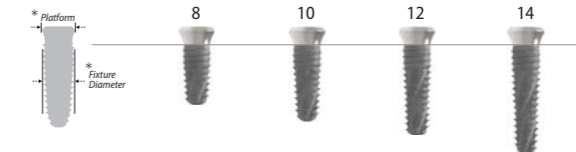
No-Mount Cuff 1.8mm Fixture > Packing Unit : 1 Fixture + 1 Cover Screw

\* Diameter Ø3.5

Length

7	-
8	IPT3508SM
10	IPT3510SM
12	IPT3512SM
14	IPT3514SM

\* Platform : Ø4.8

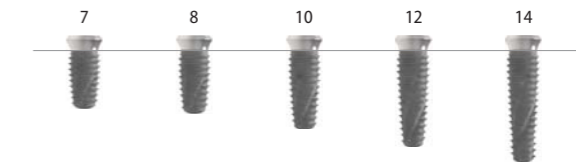
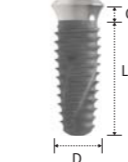


\* Diameter Ø4.0

Length

7	IPT4007SM
8	IPT4008SM
10	IPT4010SM
12	IPT4012SM
14	IPT4014SM

\* Platform : Ø4.8

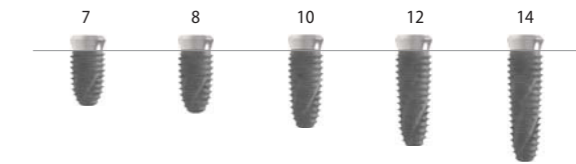
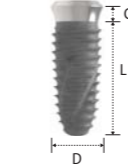


\* Diameter Ø4.5

Length

7	IPT4507SM
8	IPT4508SM
10	IPT4510SM
12	IPT4512SM
14	IPT4514SM

\* Platform : Ø4.8

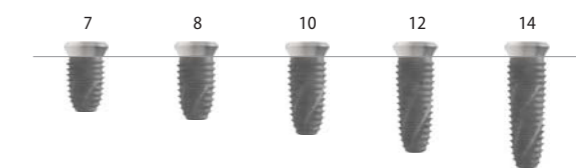
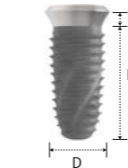


\* Diameter Ø5.0

Length

7	IPT5007SM
8	IPT5008SM
10	IPT5010SM
12	IPT5012SM
14	IPT5014SM

\* Platform : Ø5.9

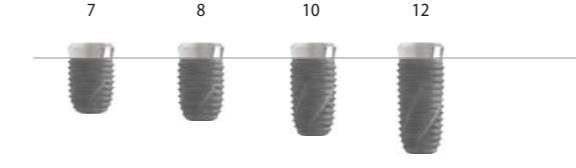
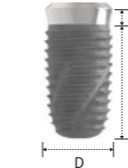


\* Diameter Ø6.0

Length

7	IPT6007SM
8	IPT6008SM
10	IPT6010SM
12	IPT6012SM
14	-

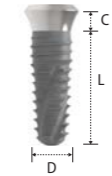
\* Platform : Ø5.9



No-Mount Cuff 2.4mm Fixture > Packing Unit : 1 Fixture + 1 Cover Screw

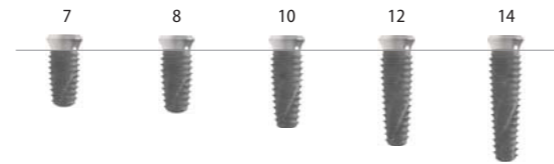
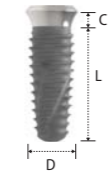
* Diameter	Ø3.5
Length	
7	-
8	IT3508SM
10	IT3510SM
12	IT3512SM
14	IT3514SM

\* Platform : Ø4.8



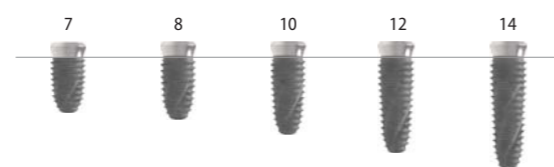
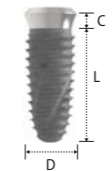
* Diameter	Ø4.0
Length	
7	IT4007SM
8	IT4008SM
10	IT4010SM
12	IT4012SM
14	IT4014SM

\* Platform : Ø4.8



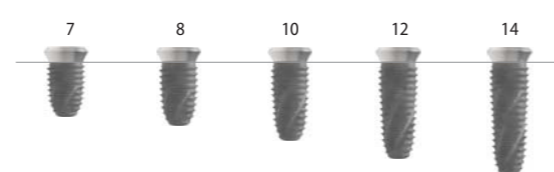
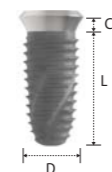
* Diameter	Ø4.5
Length	
7	IT4507SM
8	IT4508SM
10	IT4510SM
12	IT4512SM
14	IT4514SM

\* Platform : Ø4.8



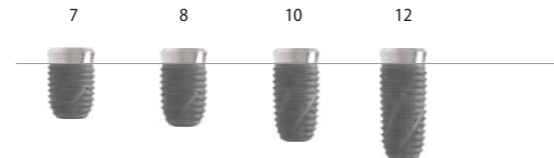
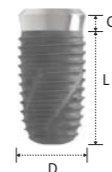
* Diameter	Ø5.0
Length	
7	IT5007SM
8	IT5008SM
10	IT5010SM
12	IT5012SM
14	IT5014SM

\* Platform : Ø5.9



* Diameter	Ø6.0
Length	
7	IT6007SM
8	IT6008SM
10	IT6010SM
12	IT6012SM
14	-

\* Platform : Ø5.9



Cover Screw



Platform	Ø4.8	Ø5.9
Fixture Dia.	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0
Diameter Length	Ø6.0	Ø7.0
6.5	ICVR002	ICVW002

- > Implant 식립 후 Implant 연결부위(Connection) 보호
- > 1.2 Hex Driver로 체결
- > 조임 토크 : 5~10 N·cm

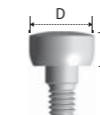
Headless Screw



Diameter Length	Ø3.5
6	ICVR001

- > 공간이 제한적이거나 봉합부 치은이 부족할 경우에 사용
- > 1.2 Hex Driver로 체결
- > 조임 토크 : 5~10 N·cm

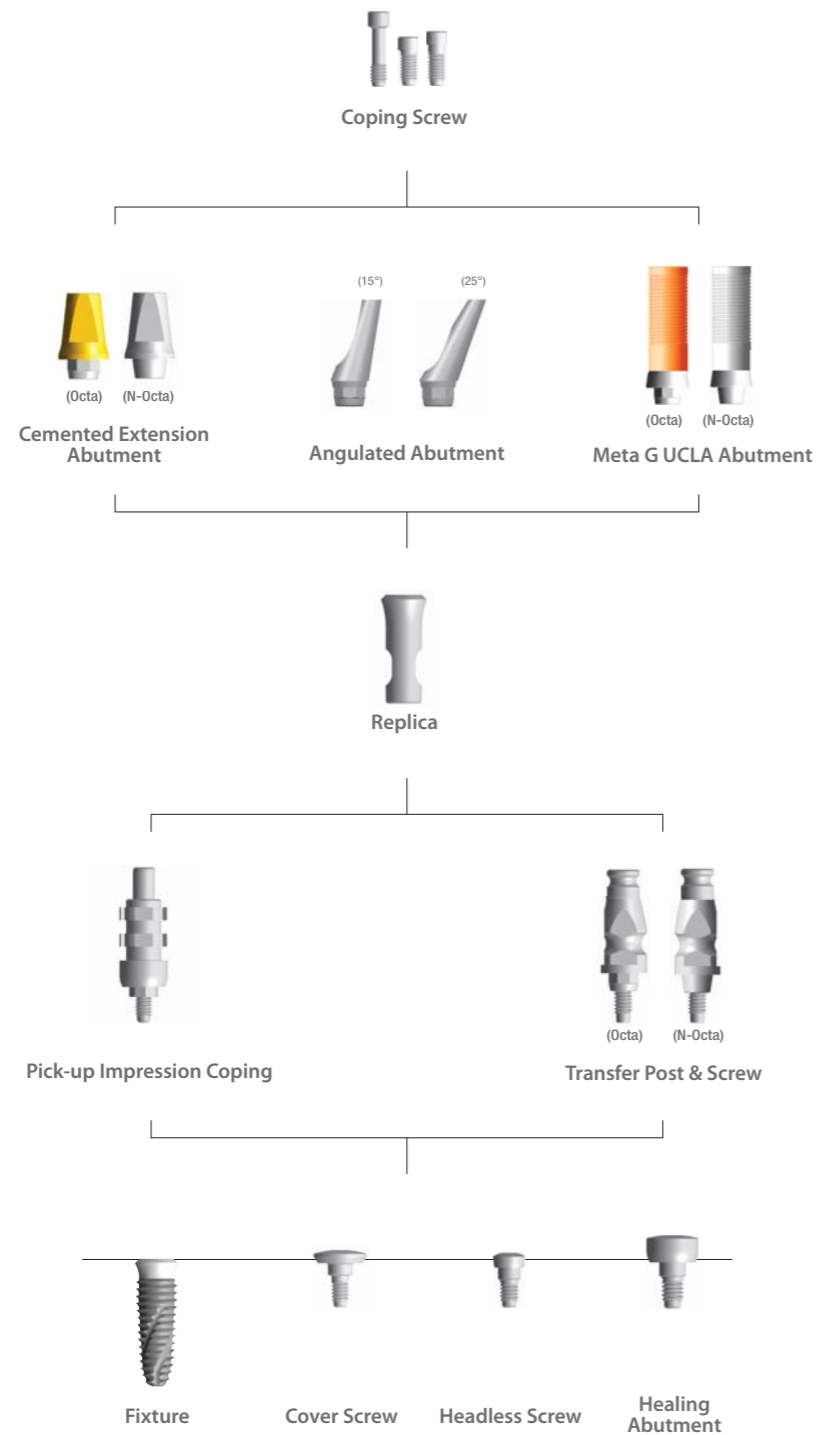
Healing Abutment



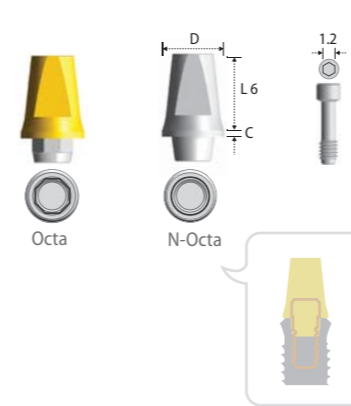
Platform	Ø4.8	Ø5.9
Fixture Dia.	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0
Diameter Height	Ø5.5	Ø6.6
2	IHCR020	IHCW020
3	IHCR030	IHCW030
4.5	IHCR045	IHCW045

- > 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



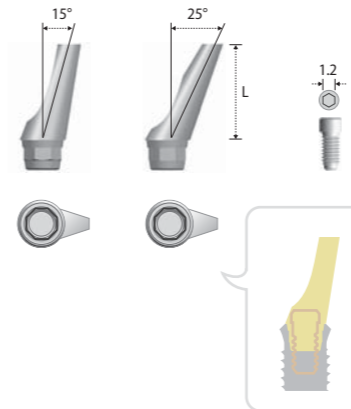
## Cemented Extension Abutment



Type	Octa		N-Octa	
Platform [Fixture Dia.]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]
Diameter	Ø4.8	Ø5.9	Ø4.8	Ø5.9
Cuff				
0.5	IECR406	IECW506	IENR406	IENW506
1	IECR416	IECW516	IENR416	IENW516
2	IECR426	IECW526	IENR426	IENW526
3	IECR436	IECW536	IENR436	IENW536

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

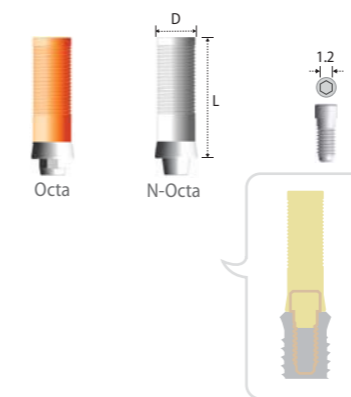
## Angulated Abutment



Type	Octa	
Angle	15°	25°
Length	8	8
	IAAR158A	IAAR258A

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

## Meta G UCLA Abutment



Type	Octa		N-Octa	
Platform [Fixture Dia.]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]	Ø5.9 [Ø5.0 / Ø6.0]
Diameter	Ø4.8	Ø5.9	Ø4.8	Ø5.9
Length	12	12	12	12
	IGOR400N	IGOW500N	IGNR400N	IGNW500N

- > 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 : 35 N-cm

## Abutment Screw



Abutment Length	Cemented	Angulated	Meta G
6.3		ISHR100	
7.8			ISHR120
9.2	ISHR110		

# 02 Component Selection Guide for Solid Abutment

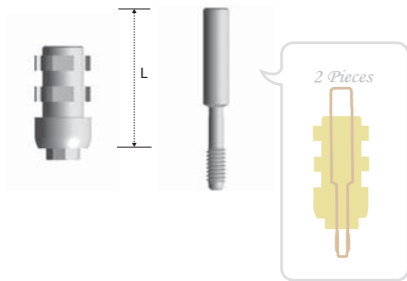
Replica



Platform	Ø4.8	Ø5.9
Fixture Dia.	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0
Length	12	IROW001

> Fixture Analog로 작업모형 상에 구강의 Fixture를 구현

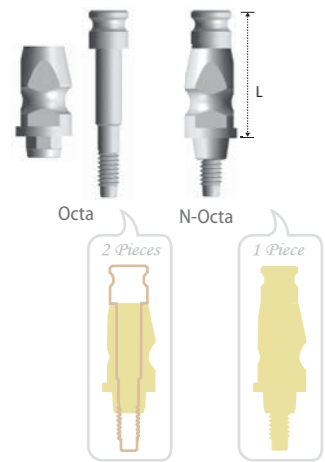
Pick-up Impression Coping



Platform	Ø4.8	Ø5.9
Fixture Dia.	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0
Length	13.9	IIOR001

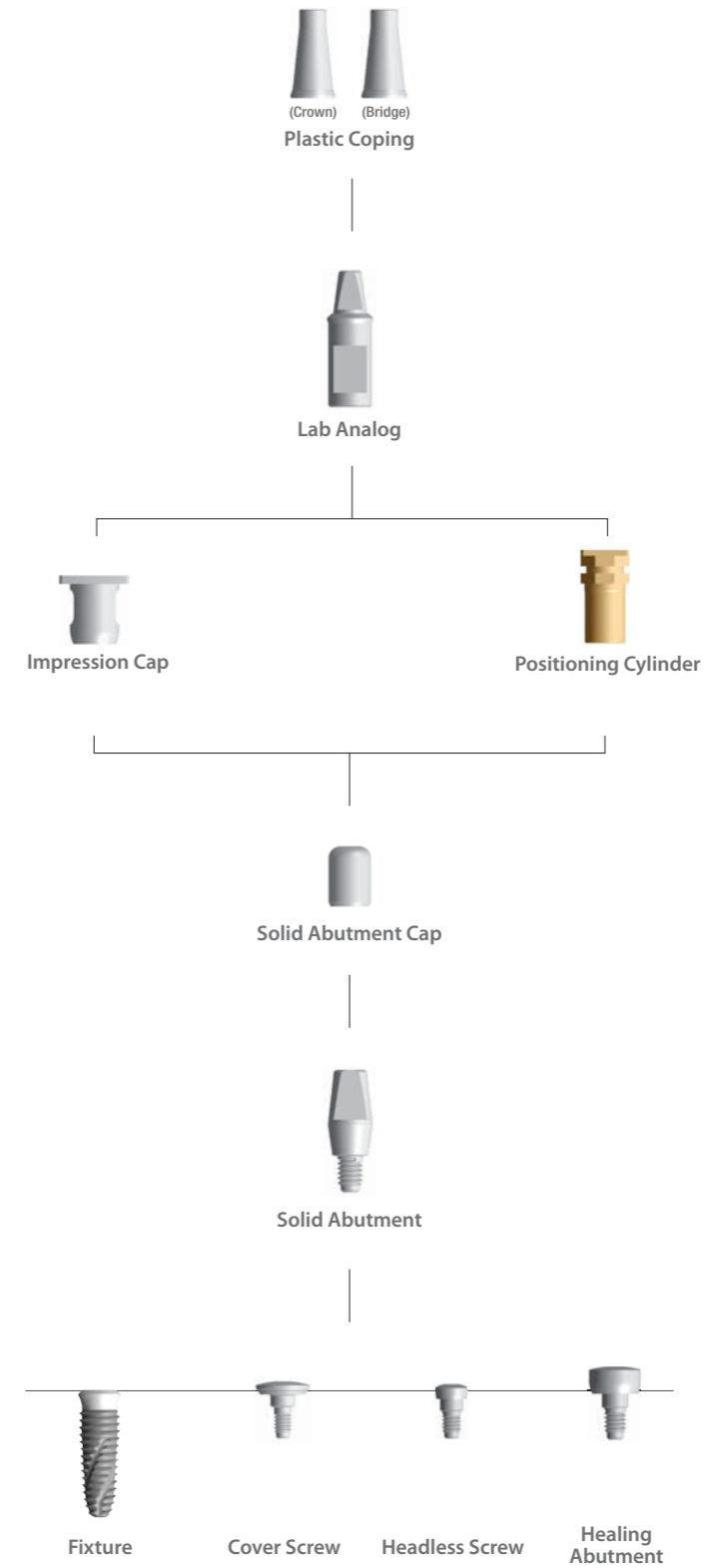
> Pick-up Type (Custom Tray 사용 인상 채득)

Transfer Post

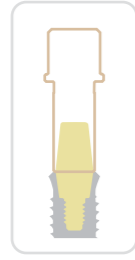


Type	Octa		N-Octa	
Platform	Ø4.8	Ø5.9	Ø4.8	Ø5.9
Fixture Dia.	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0
Length	11.5	ITOR400	ITOW500	ITNR400

> Transfer Type (기성 Tray 사용 인상 채득)



### Solid Abutment



Length	3	4	5.5	7
	IASR030	IASR040	IASR055	IASR070

- > Platform Ø4.8 Fixture (Fixture Diameter Ø3.5 / Ø4.0 / Ø4.5) : Cap 사용 인상 채득
- > Platform Ø5.9 Fixture (Fixture Diameter Ø5.0 / Ø6.0) : Direct 인상 채득
- > 체결 시 Shoulder Driver 사용 (KPA003 / Sub. Hex. 보철 키트에 탑재)



Shoulder Ø4.0 KRR19L

### Lab Analog



Platform [Fixture Dia.]	Ø4.8 [Ø3.5 / Ø4.0 / Ø4.5]			
Length	3	4	5.5	7
	ILSR030	ILSR040	ILSR055	ILSR070

- > 작업 모형상에 Abutment 형상 구현

### Solid Abutment Cap



Platform	Ø4.8
Fixture Dia. / Length	Ø3.5 / Ø4.0 / Ø4.5
5.2	IASR130
6.2	IASR140
7.7	IASR155
9.2	IASR170

- > 구강 내 Abutment를 보호하고 환자의 이물감을 최소화 함
- > Sub. / Int. / Ext. 공용

### Plastic Coping



Crown



Bridge

Type	Crown	Bridge
Platform	Ø4.8	Ø4.8
Fixture Dia. / Length	Ø3.5 / Ø4.0 / Ø4.5	Ø3.5 / Ø4.0 / Ø4.5
10	IPCC001	IPCB001

- > Lab Analog에 체결하여 보철물의 Framework로 사용
- > Sub. / Int. 공용

### Impression Cap



Platform	Ø4.8
Fixture Dia. / Length	Ø3.5 / Ø4.0 / Ø4.5
8	IICR001

- > Positioning Cylinder를 체결하여 Abutment 인상 채득에 사용
- > Locking 후 좌우로 돌려보면서 체결 확인
- > Sub. / Int. / Ext. 공용

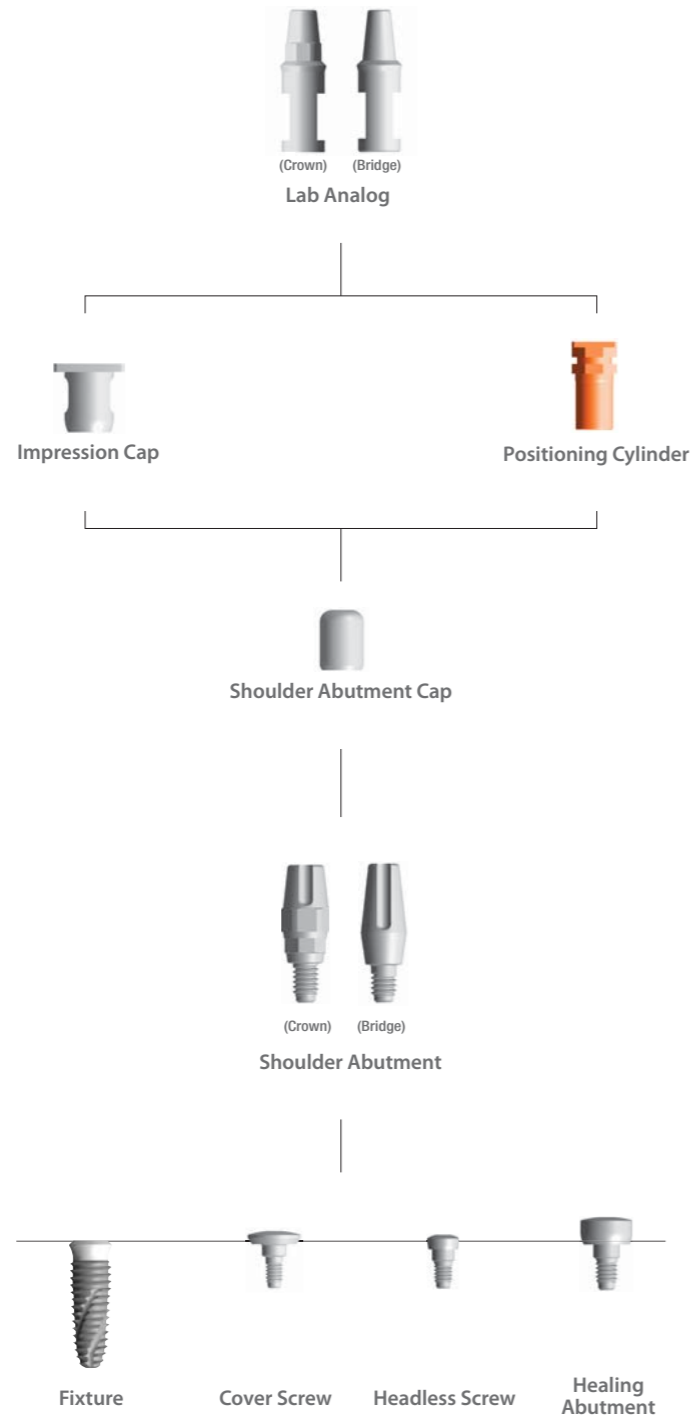
### Positioning Cylinder



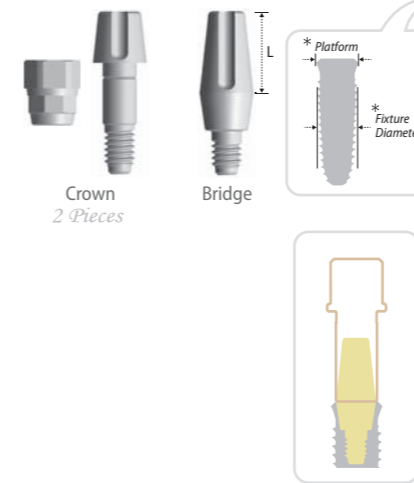
Platform	Ø4.8
Fixture Dia. / Length	Ø3.5 / Ø4.0 / Ø4.5
10.2	IPCR001

- > Impression Cap에 체결
- > Sub. Absolute Regular Type과 공용 사용

# 03 Component Selection Guide for Shoulder Abutment



## Shoulder Abutment



Type	Crown		Bridge	
* Platform	Ø4.8	Ø5.9	Ø4.8	Ø5.9
* Fixture Dia. / Length	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0
4	ISAC404	ISAC504	ISAB404	ISAB504
5.5	ISAC405	ISAC505	ISAB405	ISAB505
7	ISAC407	ISAC507	ISAB407	ISAB507

- > 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



Platform	Ø4.8	Ø5.9
Fixture Dia. / Length	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0
6.2	IASR140	IASW140
7.7	IASR155	IASW155
9.2	IASR170	IASW170

- > Packing Unit : 1 Cap
- > Protection from Cheek and Tongue for Gingival Healing Period
- > Alternative Usage for Sub-structure of Temporary Prosthesis

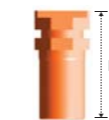
## Impression Cap



Platform	Ø4.8	Ø5.9
Fixture Dia. / Length	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0
8	IICR001	IICW001

- > 구강 내 Abutment를 보호하고 환자의 이물감을 최소화 함
- > 임시 보철의 하부 구조로도 사용 가능
- > Sub. / Int. / Ext. 공용

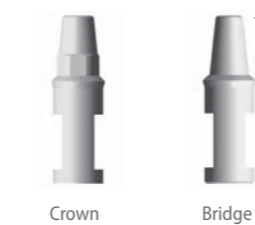
## Positioning Cylinder



Platform	Ø4.8	Ø5.9
Fixture Dia. / Length	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0
10.7	SAPR001	SAPW001

- > Impression Cap에 체결
- > Abutment의 회전 방지를 위한 내부 단면 구현

## Lab Analog

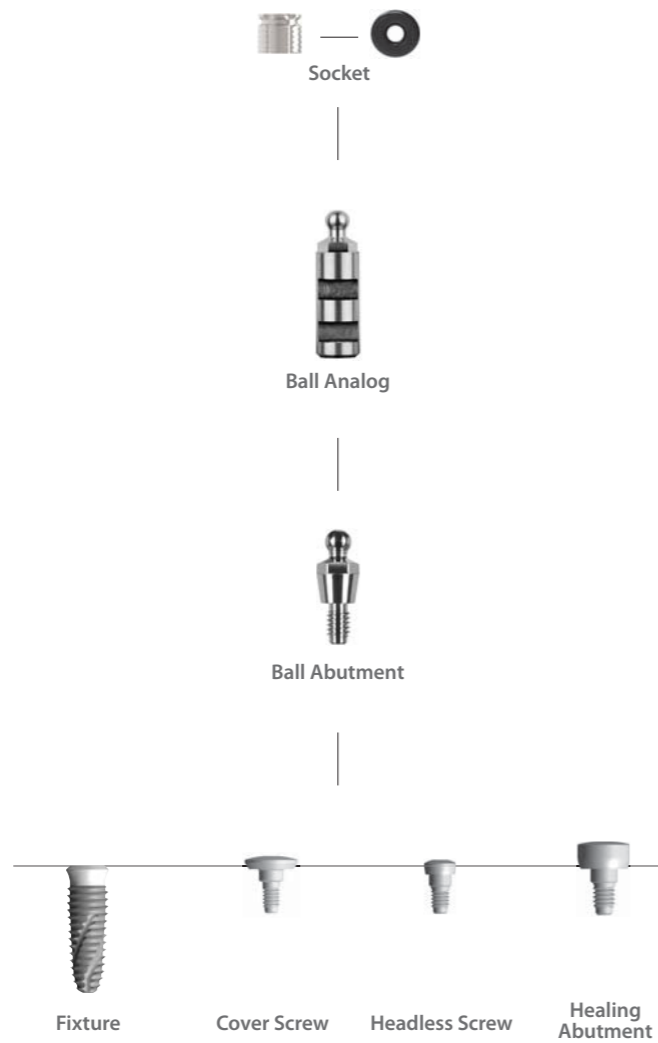


Type	Crown		Bridge	
Platform	Ø4.8	Ø5.9	Ø4.8	Ø5.9
Fixture Dia. / Length	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0
4	SLCR040	SLCW040	SLBR040	SLBW040
5.5	SLCR055	SLCW055	SLBR055	SLBW055
7	SLCR070	SLCW070	SLBR070	SLBW070

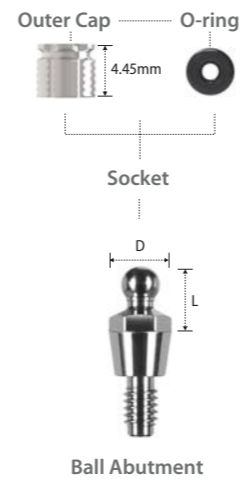
- > 작업 모형상에 Abutment 형상 구현
- > 사용 Abutment에 따라 Size 선택 사용



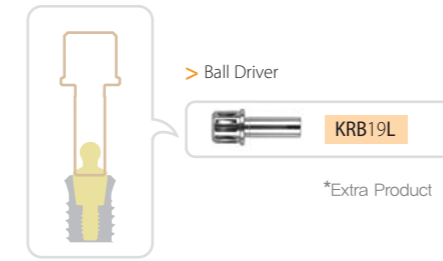
# 04 Component Selection Guide for Ball Attachment Abutment



## Ball Abutment



Diameter	Ø3.5
Length	4
IBAT404R	



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

## Socket



BATC004	
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※ 포장단위 : Socket 4set

## Outer Cap



BATC003C	
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## O-ring



BATC003I	
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## Ball Analog



Diameter	Ø4.0
Length	4
SBAL400	

> 작업 모형상에 Abutment 형상 구현