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# INN0 - Internal Type

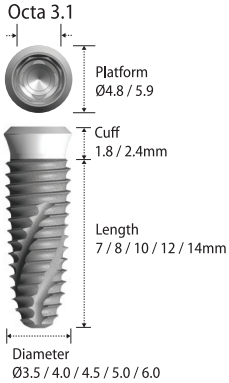

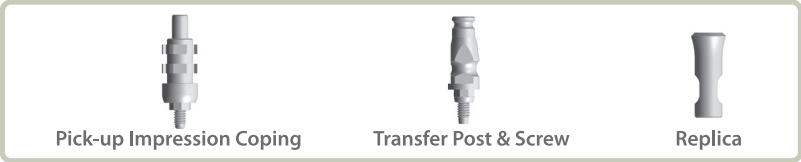
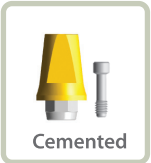



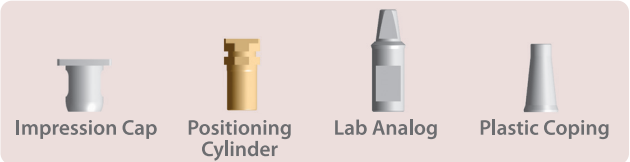
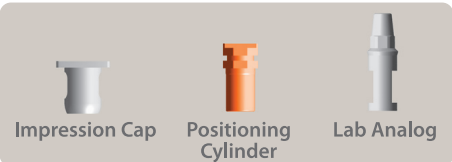




**CWM**  
Cowellmedi Co., Ltd.

**COWELLMEDI IMPLANT SYSTEM**

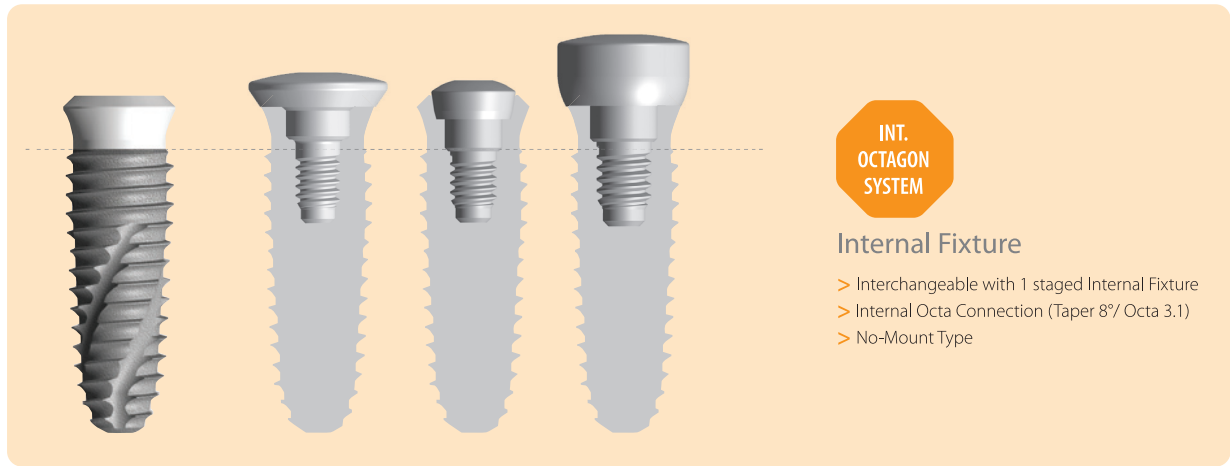
# INNO-INTERNAL IMPLANT

## Internal Implant System Flow

Fixture		Abutment		Impression	
Internal		Screw Retained Abutment	2 Pieces 	Fixture Level Impression	
		Cement Retained Abutment	2 Pieces  		
			1 Piece  	Abutment Level Impression	 
		Attachment Retained Abutment	1 Piece 	Abutment Level Impression	

01

Fixture / Mount / Cover Screw  
Healing Abutment



Internal Fixture

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

INNO Fixture Code

I

Type  
Internal

P

P=Cuff 1.8  
Cuff 2.4

T

body  
Taper

40

Diameter  
Ø4.0

10

Length  
10mm

S

Surface Treatment  
SLA

M

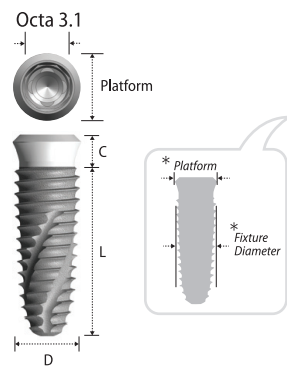
Mount  
No-Mount

\*Ex.)  
SLA Cuff 1.8 No-Mount  
SLA Cuff 2.4 No-Mount

IPT4010SM

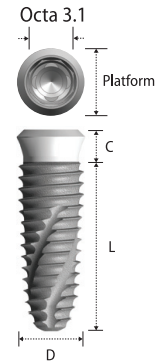
IT4010SM

Fixture (Surface Treatment : SLA)



Cuff 1.8mm Fixture

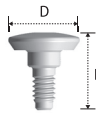
Type	No-Mount				
Cuff	1.8				
* Platform	Ø4.8		Ø5.9		
* Diameter Length	Ø3.5	Ø4.0	Ø4.5	Ø5.0	Ø6.0
7	IPT6007SM				
8	IPT3508SM	IPT4008SM	IPT4508SM	IPT5008SM	IPT6008SM
10	IPT3510SM	IPT4010SM	IPT4510SM	IPT5010SM	IPT6010SM
12	IPT3512SM	IPT4012SM	IPT4512SM	IPT5012SM	IPT6012SM
14	IPT3514SM	IPT4014SM	IPT4514SM	IPT5014SM	



Cuff 2.4mm Fixture

Type	No-Mount				
Cuff	2.4				
Platform	Ø4.8		Ø5.9		
* Diameter Length	Ø3.5	Ø4.0	Ø4.5	Ø5.0	Ø6.0
7	IT6007SM				
8	IT3508SM	IT4008SM	IT4508SM	IT5008SM	IT6008SM
10	IT3510SM	IT4010SM	IT4510SM	IT5010SM	IT6010SM
12	IT3512SM	IT4012SM	IT4512SM	IT5012SM	IT6012SM
14	IT3514SM	IT4014SM	IT4514SM	IT5014SM	

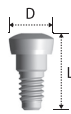
Cover Screw



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

- > To seal the conical interface in one-stage surgery
- > 1.2 Hex Driver
- > Connecting Torque force : 5~10 Ncm

Headless Screw



Diameter Length	Ø3.5
6	ICVR001

- > For narrow mesio-distal distance
- > For Primary soft tissue closure

Healing Abutment

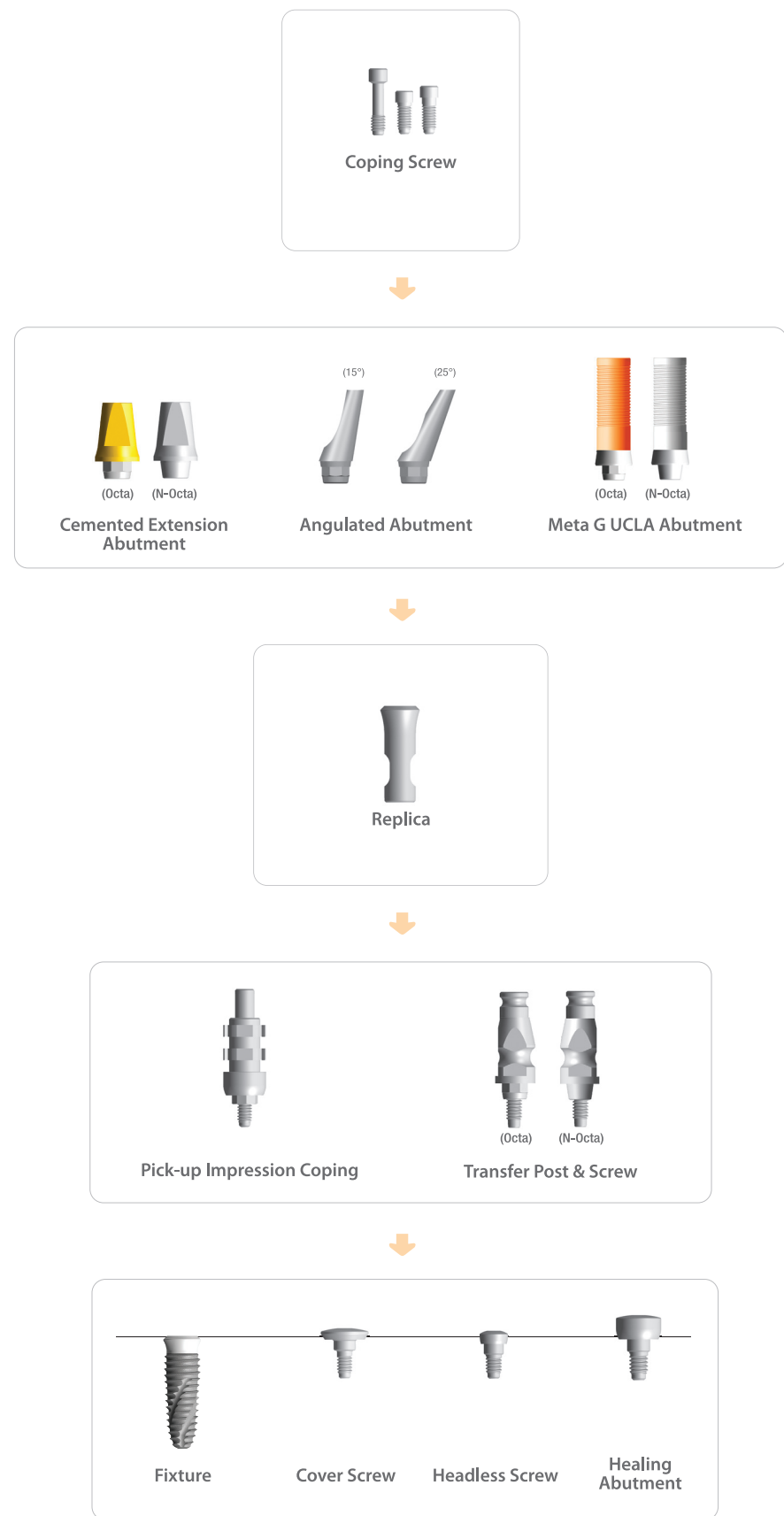


Platform	Ø4.8	Ø5.9
Fixture Dia.	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0
Diameter Height	Ø5.5	Ø6.6
2	IHCR020	IHCW020
3	IHCR030	IHCW030
4.5	IHCR045	IHCW045

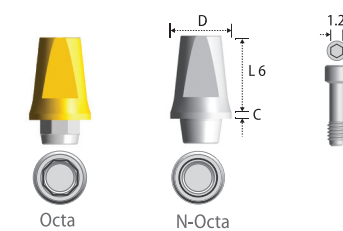
- > During soft tissue healing, Gingival contour is remodeled
- > Items according to gingival thickness and abutment type
- > 1.2 Hex Driver
- > Connecting Torque force : 5~10 Ncm

02

Component Selection Guide for  
Cemented & UCLA Abutment



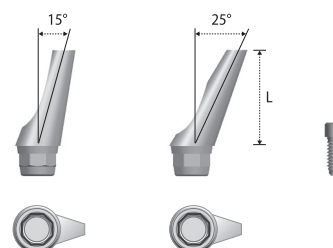
Cemented Extension Abutment



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]
Cuff Diameter	Ø4.8	Ø5.9	Ø4.8	Ø5.9
0.5	IECR406	IECW506	IENR406	IENW506
1	IECR416	IECW516	IENR416	IENW516
2	IECR426	IECW526	IENR426	IENW526

- > For Cement Retained Prosthesis
- > Connection with Coping Screw
- > Gold Coloring for esthetics
- > Cutting surface for anti-rotation of prosthesis
- > Connecting Torque force : 35 Ncm

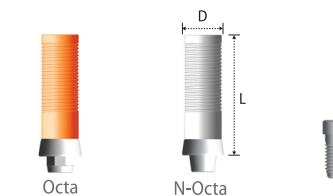
Angulated Abutment



Type	Octa	
Angle Length	15°	25°
8	IAAR158A	IAAR258A

- > For Cement Retained Prosthesis
- > Correction of Fixture Path
- > Solution for highly demanding esthetic anterior teeth
- > Connecting Torque force : 35 Ncm

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 Length	Ø4.8	Ø5.9	Ø4.8	Ø5.9
12	IGOR400N	IGOW500N	IGNR400N	IGNW500N

- > Material : CCM (Cobalt-Chromium-Molybdenum alloy)
- > For Screw Retained Prosthesis
- > Cast with Non-precious metal or Gold alloy
- > Modification to Angulated Abutment Customized Abutment and Telescopic system
- > Exact adaptation to the soft tissue contour
- > Connecting Torque force : 35 Ncm

Coping Screw



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

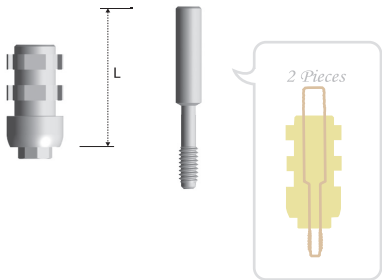
Replica



Platform	Ø4.8	Ø5.9
Fixture Dia. Length	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0
12	IROP001	IROW001

- > Mimicking of Conical interface of Fixture
- > Analog of fixture for cast model

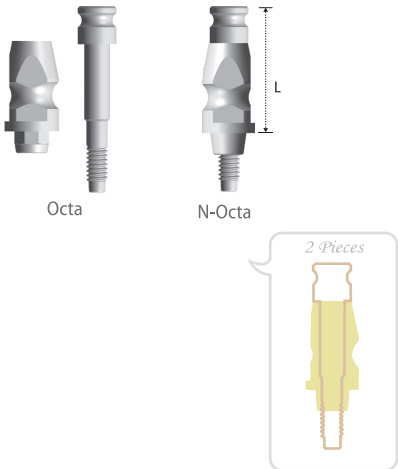
Pick-up Impression Coping



Platform	Ø4.8	Ø5.9
Fixture Dia. Length	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0
13.9	IROP001	IROW001

- > With open tray

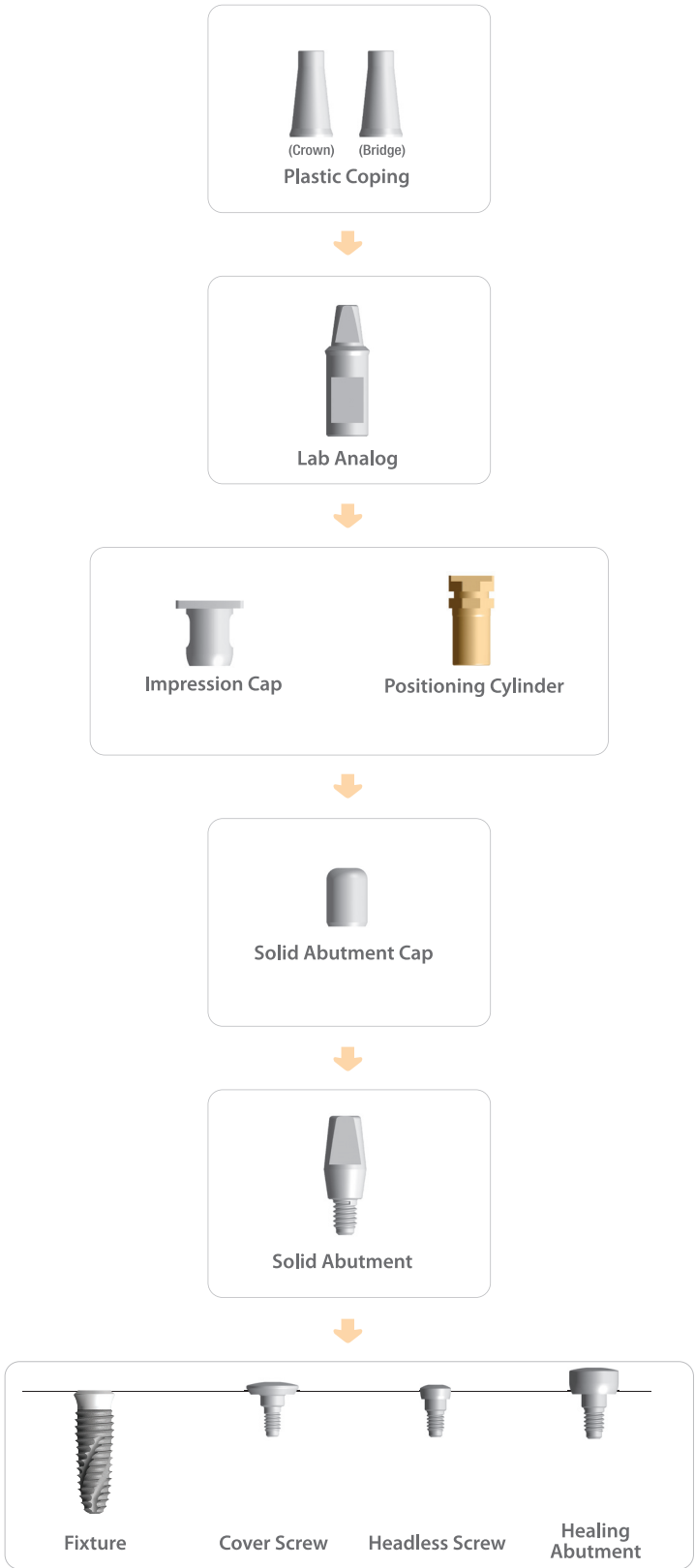
Transfer Post & Screw



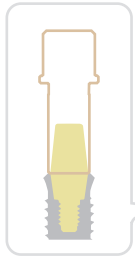
Type	Octa		N-Octa	
Platform	Ø4.8	Ø5.9	Ø4.8	Ø5.9
Fixture Dia. Length	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0
11.5	ITOR400	ITOW500	ITNR400	ITNW500

- > With closed tray

03 Component Selection Guide for Solid Abutment



Solid Abutment



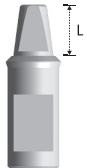
Length	3	4	5.5	7
	IASR030	IASR040	IASR055	IASR070

- > Impression with impression cap in platform Ø4.8 Fixture
- > Direct impression in platform Ø5.8 Fixture
- > Shoulder Driver (KPA003 / Sub. Hex.)



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

- > Replacement of Abutment shape in cast model

Solid Abutment Cap



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

- > Protection of cheek and tongue
- > Gingival retraction for prosthodontic margin of abutment
- > Alternative usage for Sub-structure of temporary prosthesis

Plastic Coping



Crown

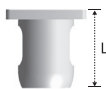


Bridge

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

- > Connect with Lab Analog
- > Burnout and casting for metal framework

Impression Cap



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

- > Impression of Solid Abutment with Positioning Cylinder
- > Confirm Locking with abutment by rotation of clockwise and anti-clockwise direction

Positioning Cylinder



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

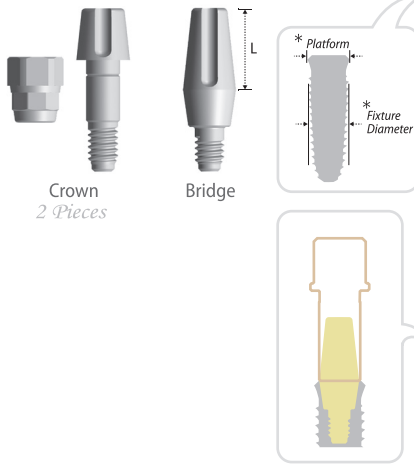
- > Insert into Impression Cap
- > Inner cutting surface for anti-rotation on abutment

04

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 Prosthesis
- > Dual Anti-rotation Grip with single crown for prevention of Screw loosening
- > Connecting Torque force : 35 Ncm
- > Shoulder Driver (KPA003 / Sub. Hex.)



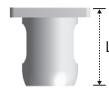
Shoulder Abutment Cap



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

- > Protection of cheek and tongue
- > Gingival retraction for prosthodontic margin of abutment
- > Alternative usage for Sub-structure of temporary prosthesis

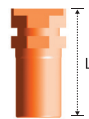
Impression Cap



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

- > Impression of Shoulder Abutment with Positioning Cylinder
- > Confirm Locking with abutment by rotation of clockwise and anti-clockwise direction

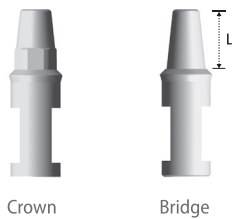
Positioning Cylinder



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

- > Insert into Impression Cap
- > Inner cutting surface for anti-rotation on abutment

Lab Analog

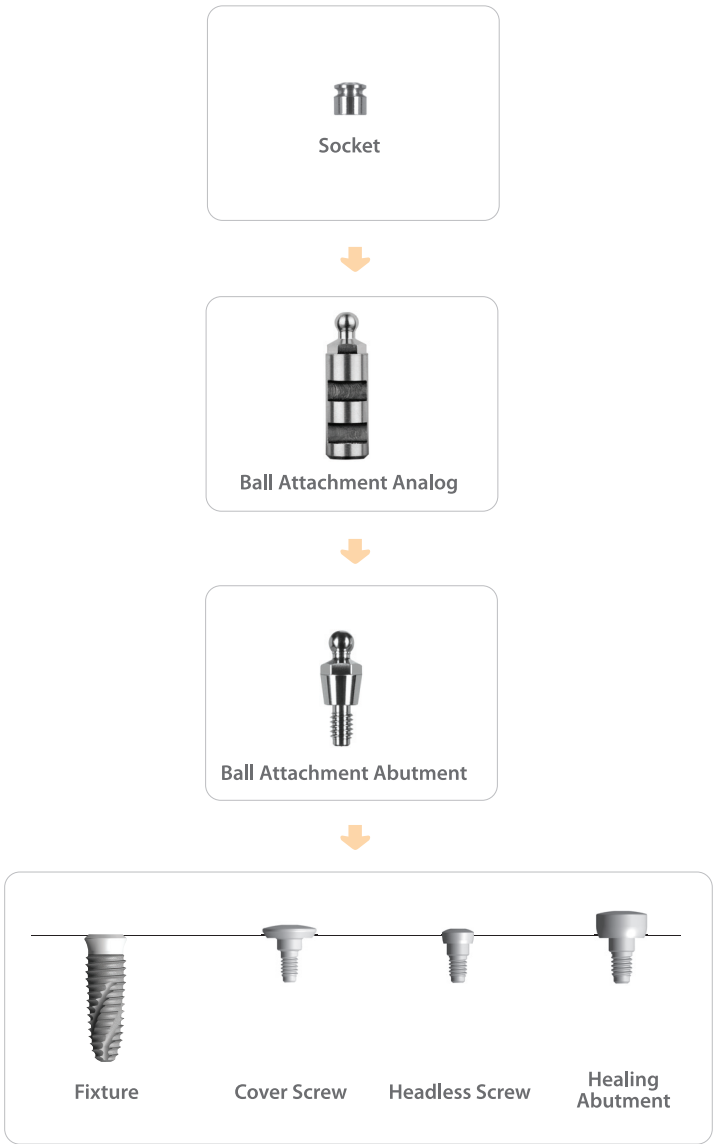


Type	Crown		Bridge	
Platform	Ø4.8	Ø5.9	Ø4.8	Ø5.9
Fixture Dia. Length	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0	Ø3.5 / Ø4.0 / Ø4.5	Ø5.0 / Ø6.0
4	SLCR040	SLCW040	SLBR040	SLBW040
5.5	SLCR055	SLCW055	SLBR055	SLBW055
7	SLCR070	SLCW070	SLBR070	SLBW070

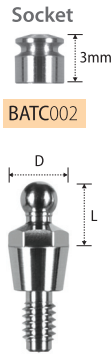
- > Replacement of Abutment shape in cast model
- > Items according to width and length of Abutment

05

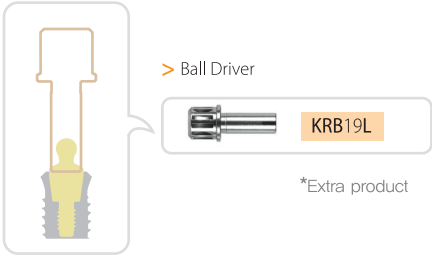
Component Selection Guide for  
Ball Attachment Abutment



Ball Attachment Abutment



Diameter	Ø3.5
Length	4
IBAT404	



- > Ball Type Overdenture Prosthesis
- > Connecting Torque force : 30 Ncm
- > Ball Driver

Ball Attachment Analog



Diameter	Ø4.0
Length	4
SBAL400	

- > Replacement of Abutment shape in cast model