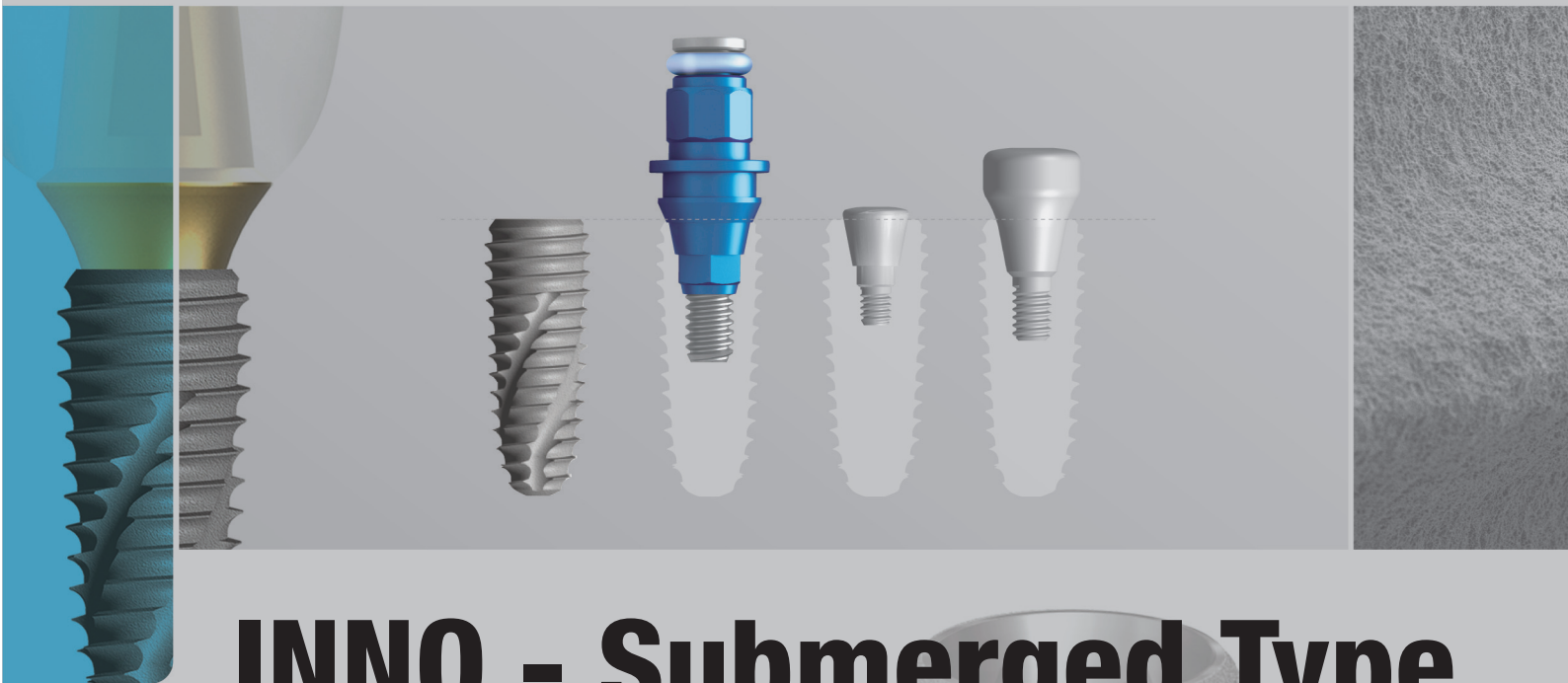


The pioneer in Korean dental implants is now working with the world !
www.cowellmedi.com



INNO - Submerged Type

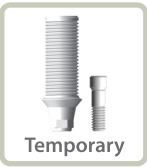
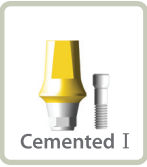
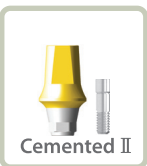


CWM
Cowellmedi Co., Ltd.

COWELLMEDI IMPLANT SYSTEM

INNO-SUBMERGED IMPLANT

Submerged Implant System Flow

Fixture		Abutment		Impression	
Submerged	Abutment System I	Screw Retained Abutment	2 Pieces  Temporary  Meta G UCLA  Plastic UCLA	Fixture Level Impression	 Pick-up Impression Coping I  Transfer Post & Screw I  Replica
		Cement Retained Abutment	2 Pieces  Cemented I  Angulated  Milling		
			1 Piece  Absolute  Straight	Abutment Level Impression	 Impression Cap  Positioning Cylinder  Lab Analog  Plastic Coping  Direct Impression
		Attachment Retained Abutment	1 Piece  Ball Attachment	Abutment Level Impression	 Ball Attachment Analog
	Abutment System II	Cement Retained Abutment	2 Pieces  Cemented II	Fixture Level Impression	 Pick-up Impression Coping II  Transfer Post & Screw II  Replica
			1 Piece  Cemented II	Abutment Level Impression	 Impression Cap II  Lab Analog II  Plastic Coping II

Hex 2.5



Length
7 / 8 / 10 / 12 / 14mm

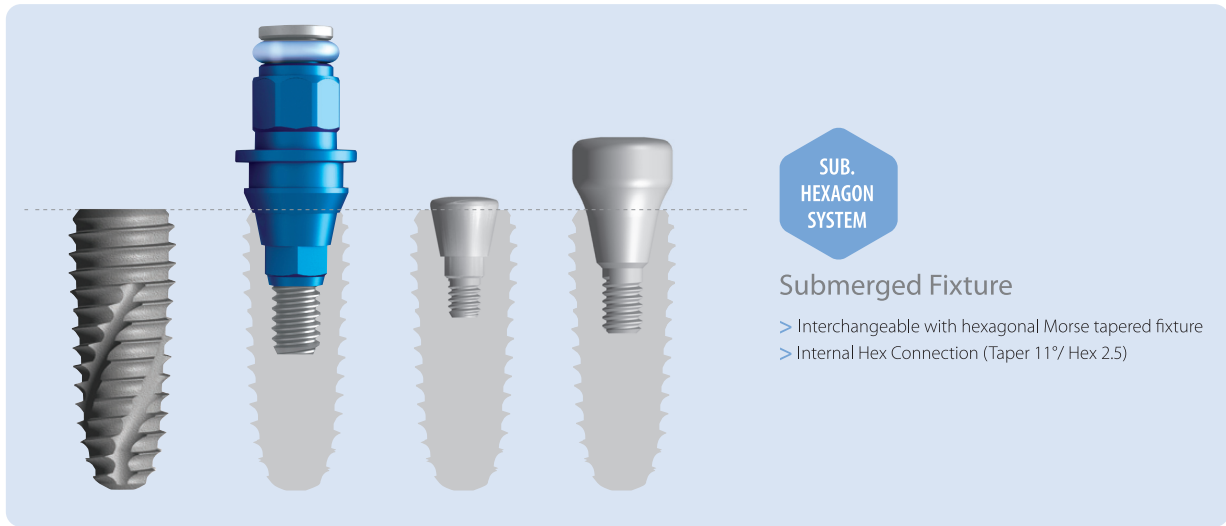


Diameter
Ø3.5 / 4.0 / 4.5 / 5.0 / 6.0



01 Fixture / Mount / Cover Screw

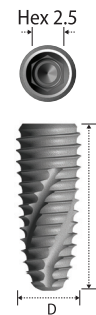
Healing Abutment



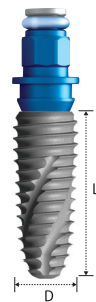
INNO Fixture Code

S	T	40	10	S	M	*Ex.)
Type	body	Diameter	Length	Surface Treatment	Mount	
Submerged	Taper	Ø4.0	10mm	SLA	No-Mount	SLA No-Mount ST4010SM SLA Pre-Mount ST4010S
					☐	
					Mount	
					Pre-Mount	

Fixture(Surface Treatment : SLA)

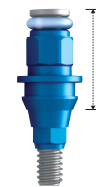


Type	No-Mount				
Hex	2.5				
Diameter Length	Ø3.5	Ø4.0	Ø4.5	Ø5.0	Ø6.0
7					ST6007SM
8	ST3508SM	ST4008SM	ST4508SM	ST5008SM	ST6008SM
10	ST3510SM	ST4010SM	ST4510SM	ST5010SM	ST6010SM
12	ST3512SM	ST4012SM	ST4512SM	ST5012SM	ST6012SM
14	ST3514SM	ST4014SM	ST4514SM	ST5014SM	



Type	Pre-Mount				
Hex	2.5				
Diameter Length	Ø3.5	Ø4.0	Ø4.5	Ø5.0	Ø6.0
7					ST6007S
8	ST3508S	ST4008S	ST4508S	ST5008S	ST6008S
10	ST3510S	ST4010S	ST4510S	ST5010S	ST6010S
12	ST3512S	ST4012S	ST4512S	ST5012S	ST6012S
14	ST3514S	ST4014S	ST4514S	ST5014S	

Fixture Mount



Length	5.4
	2SMHR001

- > 1.2 Hex Driver
- > Connecting Torque force : 5~10 Ncm

Cover Screw

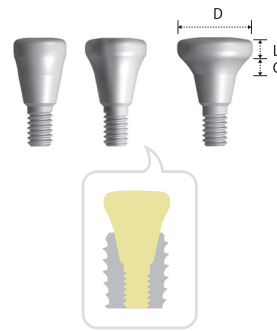


Length	3	4.2	5.2
	2SCS000	* 2SCS001	* 2SCS002

- > To seal the conical interface in one-stage surgery
- > 1.2 Hex Driver
- > Long Cover Screw for deeply inserted fixture
- > Connecting Torque force : 5~10 Ncm

Abutment System I

Healing Abutment I

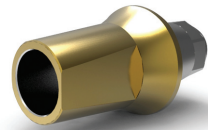


Diameter	Ø4.1		Ø4.9		Ø6.0	
Length Cuff	1	2	1	2	1	2
2	2HSM321	2HSM322	2HSR421	2HSR422	2HSW521	2HSW522
3		2HSM332		2HSR432		2HSW532
4		2HSM342		2HSR442		2HSW542
5		2HSM352		2HSR452		2HSW552

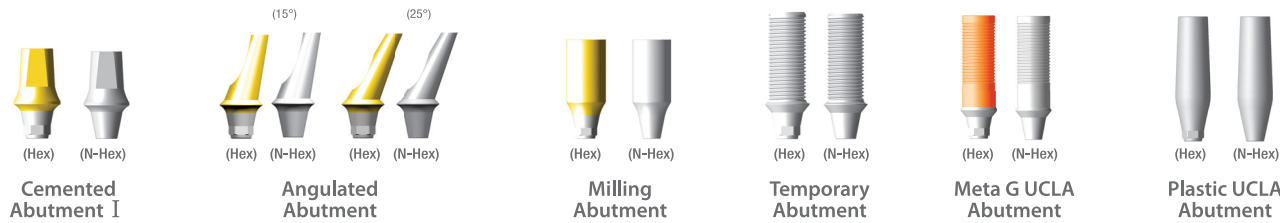
- > During soft tissue healing, Gingival contour is remodeled
- > Items according to gingival thickness and abutment type
- > 1.2 Hex Driver
- > Connecting Torque force : 5~10 Ncm

02

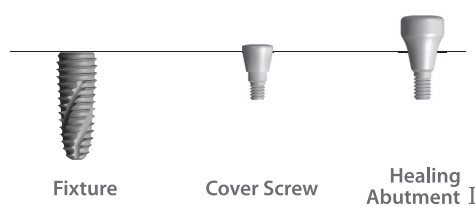
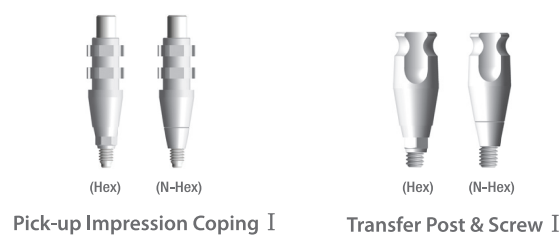
Component Selection Guide for Cemented I & UCLA Abutment



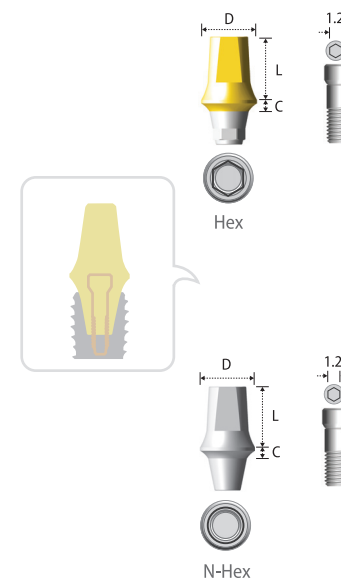
Coping Screw I



Replica



Cemented Abutment I

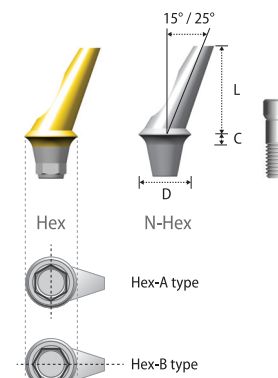


Type	Hex					
Diameter	Ø4.8			Ø5.9		
Length / Cuff	4	5.5	7	4	5.5	7
1	2SCHR414	2SCHR415	2SCHR417	2SCHW514	2SCHW515	2SCHW517
2	2SCHR424	2SCHR425	2SCHR427	2SCHW524	2SCHW525	2SCHW527
3	2SCHR434	2SCHR435	2SCHR437	2SCHW534	2SCHW535	2SCHW537
4	2SCHR444	2SCHR445	2SCHR447	2SCHW544	2SCHW545	2SCHW547
5	2SCHR454	2SCHR455	2SCHR457	2SCHW554	2SCHW555	2SCHW557

Type	N-Hex					
Diameter	Ø4.8			Ø5.9		
Length / Cuff	4	5.5	7	4	5.5	7
1	2SCNR414	2SCNR415	2SCNR417	2SCNW514	2SCNW515	2SCNW517
2	2SCNR424	2SCNR425	2SCNR427	2SCNW524	2SCNW525	2SCNW527
3	2SCNR434	2SCNR435	2SCNR437	2SCNW534	2SCNW535	2SCNW537
4	2SCNR444	2SCNR445	2SCNR447	2SCNW544	2SCNW545	2SCNW547
5	2SCNR454	2SCNR455	2SCNR457	2SCNW554	2SCNW555	2SCNW557

- > For Cement Retained Prosthesis
- > Connection with Coping Screw
- > Gold Coloring for esthetics
- > Cutting surface for anti-rotation of prosthesis
- > Connecting Torque force : 30 Ncm

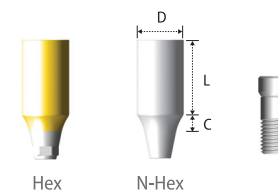
Angulated Abutment



Type	Hex-A type		Hex-B type		N-Hex	
Diameter(Angle)	Ø4.8(15°)	Ø4.8(25°)	Ø4.8(15°)	Ø4.8(25°)	Ø4.8(15°)	Ø4.8(25°)
Length / Cuff	8	8	8	8	8	8
1	2SAAR151A	2SAAR251A	2SAAR151B	2SAAR251B	2SANR151	2SANR251
2	2SAAR152A	2SAAR252A	2SAAR152B	2SAAR252B	2SANR152	2SANR252
3	2SAAR153A	2SAAR253A	2SAAR153B	2SAAR253B	2SANR153	2SANR253
4	2SAAR154A	2SAAR254A	2SAAR154B	2SAAR254B	2SANR154	2SANR254

- > For Cement Retained Prosthesis
- > Correction of Fixture Path
- > Solution for highly demanding esthetic anterior teeth
- > 12 stepped rotation with A type and B type of Hexagonal connection
- > Connecting Torque force : 30 Ncm

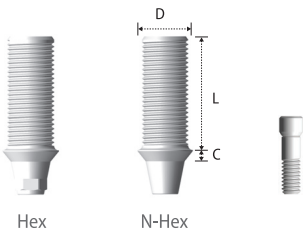
Milling Abutment



Type	Hex			N-Hex		
Diameter	Ø4.0	Ø5.0	Ø6.0	Ø4.0	Ø5.0	Ø6.0
Length / Cuff	8	8	8	8	8	8
2	2SMHM328	2SMHR428	2SMHW528	2SMNM328	2SMNR428	2SMNW528
4	2SMHM348	2SMHR448	2SMHW548	2SMNM348	2SMNR448	2SMNW548

- > For Cement Retained Prosthesis
- > Block Abutment For Customized contouring
- > Connecting Torque force : 30 Ncm

Temporary Abutment



Type	Hex	N-Hex
Diameter	Ø4.8	Ø4.8
Length Cuff	10	10
1	2STHA001	2STNA001

- > Temporary single-tooth and bridge restorations

> Chair-side modification

> Connecting Torque force : 30 Ncm
- > Individual soft tissue management

> Use up to 6 months

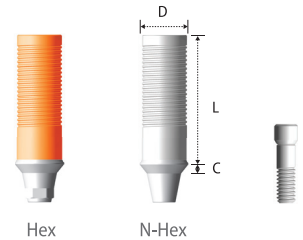
Replica



Length	12
	2SRHR001

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

Meta G UCLA Abutment



Type	Hex	N-Hex
Diameter	Ø4.8	Ø4.8
Length Cuff	12	12
1	2SGHR001N	2SGNR001N

- > Material : CCM (Cobalt-Chromium-Molybdenum alloy)

> For Screw Retained Prosthesis

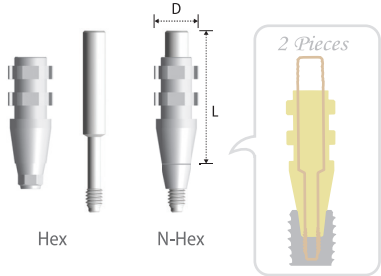
> Cast with Non-precious metal or Gold alloy

> Modification to Angulated Abutment Customized Abutment and Telescopic system

> Exact adaptation to the soft tissue contour

> Connecting Torque force : 30 Ncm

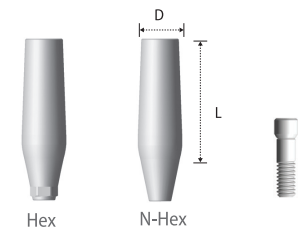
Pick-up Impression Coping I



Type	Hex			N-Hex		
Diameter Length	Ø4.0	Ø4.6	Ø5.7	Ø4.0	Ø4.6	Ø5.7
16	2SIHM001	2SIHR001	2SIHW001	2SINM001	2SINR001	2SINW001

- > With open tray

Plastic UCLA Abutment



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

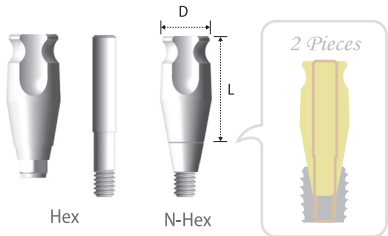
- > Material : PMMA (Polymethyl Methacrylatey)

> Same rationale with Meta G Abutment

> Low accuracy of connection with fixture

> Connecting Torque force : Finger light force During wax pattern fabrication 30 Ncm after casting

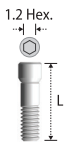
Transfer Post & Screw I



Type	Hex			N-Hex		
Diameter Length	Ø4.0	Ø4.8	Ø5.9	Ø4.0	Ø4.8	Ø5.9
10	2STHM001	2STHR001	2STHW001	2STNM001	2STNR001	2STNW001

- > With closed tray

Coping Screw I



Length	8.5
	2SSHR100

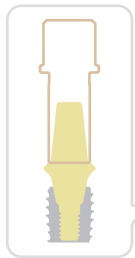
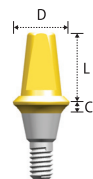
- > Use :
- Cemented / Angulated / Milling / Temporary / Meta G UCLA / Plastic UCLA Abutment / CCM Impression Coping

03

Component Selection Guide for Absolute Abutment



Absolute Abutment

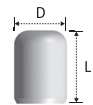


Diameter Length Cuff	Ø4.8			Ø5.9		
	4.5	6	7.5	4.5	6	7.5
1	2SACR414	2SACR415	2SACR417N	2SACW514	2SACW515	2SACW517N
2	2SACR424	2SACR425	2SACR427N	2SACW524	2SACW525	2SACW527N
3	2SACR434	2SACR435	2SACR437N	2SACW534	2SACW535	2SACW537N
4	2SACR444	2SACR445	2SACR447N	2SACW544	2SACW545	2SACW547N

- > Cement Retained Prosthesis
- > Abutment Level Impression
- > Gold Color for esthetic appearance
- > Re-tightening for prevention of screw loosening
- > Shoulder Driver (KPA003 / Sub. Hex.)
- > Integrated with screw and abutment
- > Connecting Torque force : 30 Ncm
- > Cutting surface for anti-rotation of prosthesis



Absolute Abutment Cap



Diameter Length	Ø5.4	Ø6.5
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

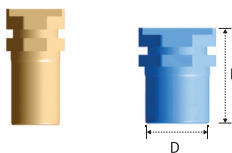
Impression Cap



Diameter Length	Ø5.6	Ø6.7
8	IICR001	IICW001

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

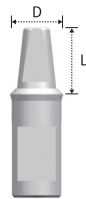
Positioning Cylinder



Diameter Length	Ø4.45 (Gold)	Ø5.55 (Blue)
10.2	IPCR001	
8.6		IPCW001

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

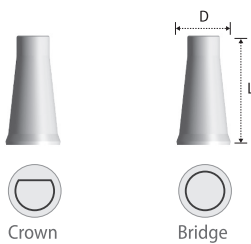
Lab Analog



Diameter Length	Ø4.8	Ø5.9
4.6	2SACR040	2SACW040
6.1	2SACR055	2SACW055
7.6	2SACR070	2SACW070

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

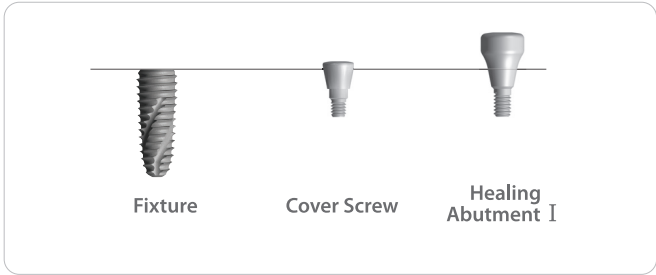
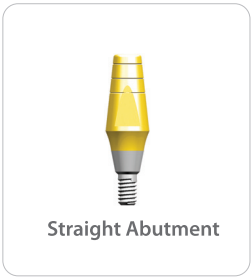
Plastic Coping



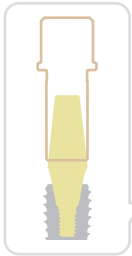
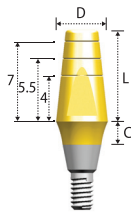
Type	Crown	Bridge
Diameter Length	Ø5.0	Ø5.0
10	IPCC001	IPCB001

- > Connect with Lab Analog
- > Burnout and casting for metal framework
- > Only Ø4.8 Abutment

04 Component Selection Guide for Straight Abutment



Straight Abutment



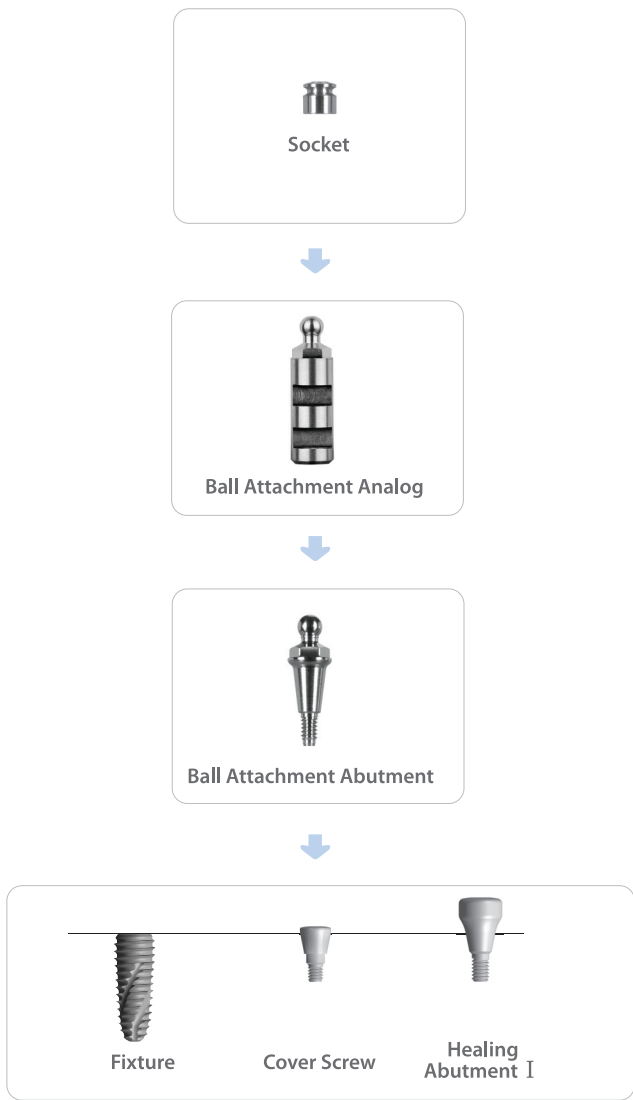
Diameter	Ø3.5	Ø4.5
Length Cuff	8	8
0.5	2SSCM308	2SSCR408
1	2SSCM318	2SSCR418
2	2SSCM328	2SSCR428
3	2SSCM338	2SSCR438
4	2SSCM348	2SSCR448

- > Cement Retained Prosthesis (Direct Impression)
- > Cutting Groove for height control
- > For narrow bucco-lingual and mesio-distal dimension of ridge
- > Connecting Torque force : 30 Ncm
- > Re-tightening for prevention of screw loosening
- > Shoulder Driver (KPA003 / Sub. Hex.)

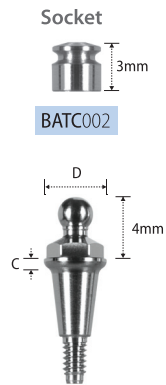


05

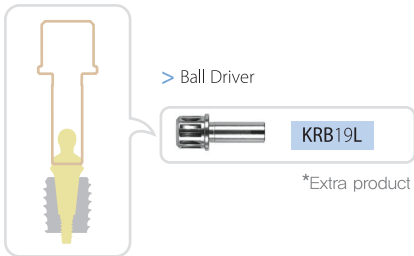
Component Selection Guide for
Ball Attachment Abutment



Ball Attachment Abutment



Diameter Cuff	Ø4.0
1	2SBAT414
2	2SBAT424
3	2SBAT434
4	2SBAT444
5	2SBAT454



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

Ball Attachment Analog

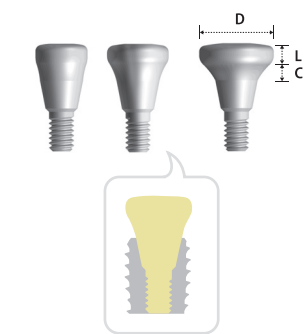


Diameter Length	Ø4.0
4	SBAL400

- > Replacement of Abutment shape in cast model

Abutment System II

Healing Abutment II

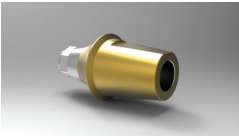


Diameter	Ø4.5		Ø5.5		Ø6.5	
Length Cuff	1	2	1	2	1	2
1	2HS4511		2HS5511		2HS6511	
2		2HS4522		2HS5522		2HS6522
3		2HS4532		2HS5532		2HS6532
4		2HS4542		2HS5542		2HS6542
5		2HS4552		2HS5552		2HS6552
7		2HS4572		2HS5572		2HS6572

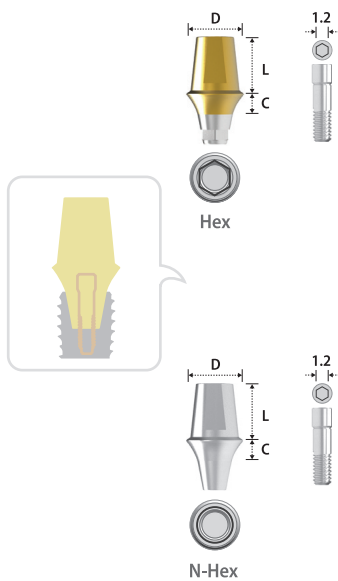
- > During soft tissue healing, Gingival contour is remodeled
- > Items according to gingival thickness and abutment type
- > 1.2 Hex Driver
- > Connecting Torque force : 5~10 Ncm

01

Component Selection Guide for Cemented Type II (2 Pieces)



Cemented Abutment II (2 Pieces)



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

- > For Cement Retained Prosthesis
- > Connection with Coping Screw
- > Gold Coloring for esthetics
- > Cutting surface for anti-rotation of prosthesis
- > Connecting Torque force : 30 Ncm

Coping Screw II



Length	8.5
2SSHR200	

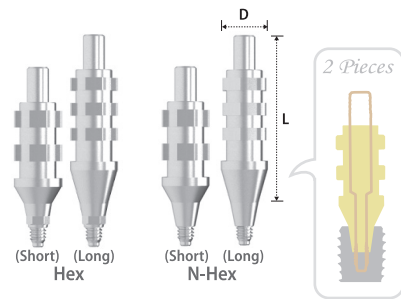
Replica



Length	12
2SRHR001	

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

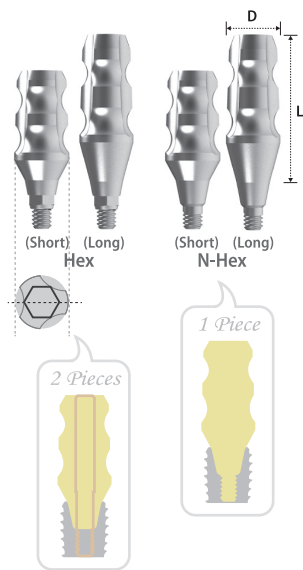
Pick-up Impression Coping II



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

- > With open tray

Transfer Post & Screw II



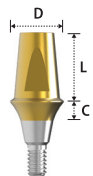
Type	Hex			N-Hex		
Diameter Length	Ø4.5	Ø5.5	Ø6.5	Ø4.5	Ø5.5	Ø6.5
11 (Short)	2STH45S	2STH55S	2STH65S	2STN45S	2STN55S	2STN65S
15 (Long)	2STH45L	2STH55L	2STH65L	2STN45L	2STN55L	2STN65L

- > With closed tray

02 Component Selection Guide for Cemented Type II (1 Pieces)



Cemented Abutment II (1 Piece)



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 Prosthesis

> Abutment Level Impression

> Gold Color for esthetic appearance

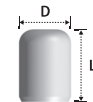
> Re-tightening for prevention of screw loosening

> 1.2 Hex Driver
- > Integrated with screw and abutment

> Connecting Torque force : 30 Ncm

> Cutting surface for anti-rotation of prosthesis

Cemented Abutment Cap II



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

- > Protection of cheek and tongue

> Gingival retraction for prosthodontic margin of abutment

> Alternative usage for Sub-structure of temporary prosthesis

Impression Cap II

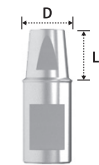


Abut. Dia. Length	Ø4.5	Ø5.5	Ø6.5
10.3	2SIC45	2SIC55	2SIC65

- > Impression of Cemented Abutment II (1 Piece) Abutment

> Confirm Locking with abutment by rotation of clockwise and anti-clockwise direction

Lab Analog II



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

- > Replacement of Abutment shape in cast model

> Items according to width and length of Abutment

Plastic Coping II (Burn Out Cylinder)



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

- > Connect with Lab Analog

> Burnout and casting for metal framework