

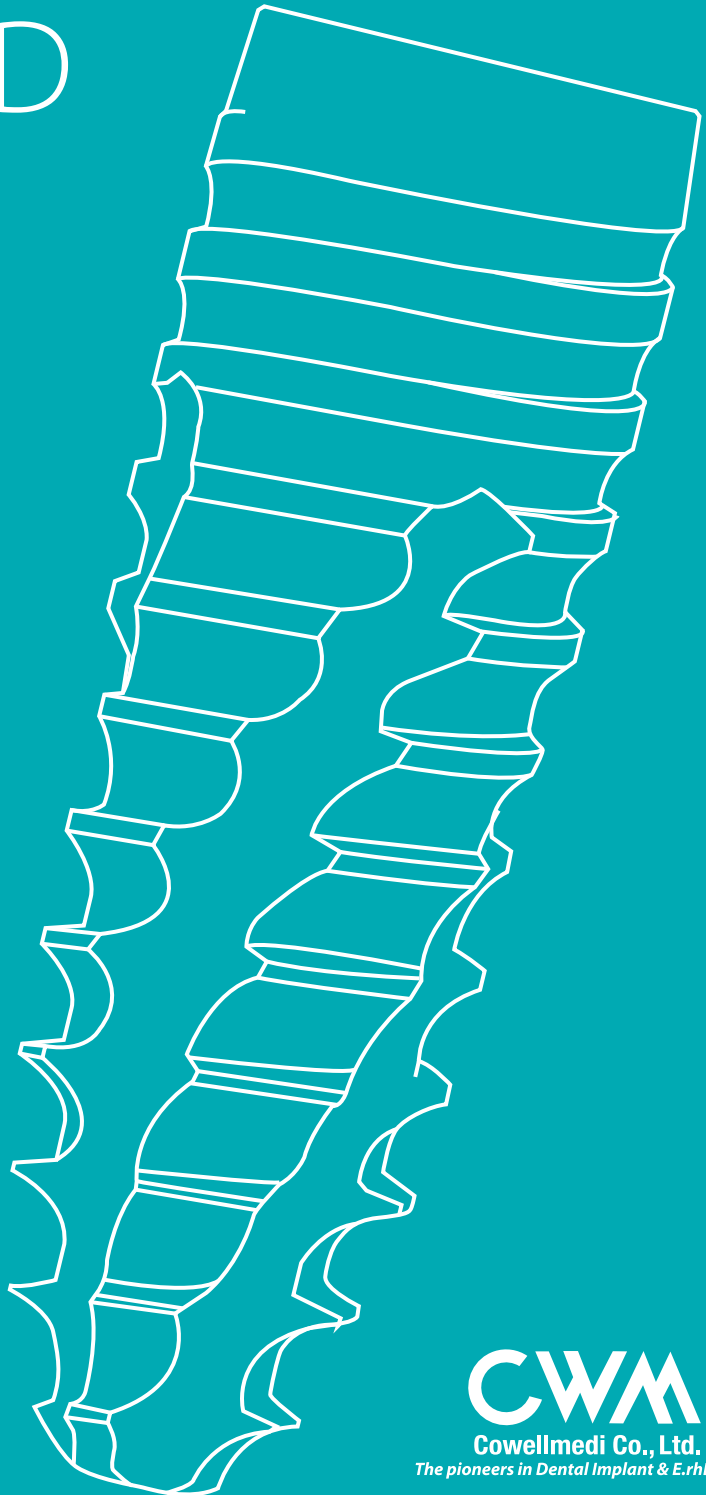
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INNO Submerged Narrow Implant (Sub-N.)

SUBMERGED

SUB-N.
HEXAGON
SYSTEM























CWM

Cowellmedi Co., Ltd.
The pioneers in Dental Implant & E.rhBMP-2

INNO SUBMERGED NARROW IMPLANT (Sub-N.)

System Flow

Fixture		Abutment		Impression
<div><div><div>Hex 2.1</div><div></div><div><div>Length 8 / 10 / 12 / 14mm</div><div></div><div>Diameter Ø3.1 / 3.3</div></div></div></div>	Prosthetic Procedure I	<div><div> Cemented</div><div> Angulated</div><div> Temporary</div><div> Meta G UCLA</div></div>	Fixture Level Impression	<div><div> Replica</div><div> Pick-up Impression Coping</div><div> Transfer Post</div></div>
	Prosthetic Procedure II	<div><div> Multi S</div><div> Multi A</div></div>	Abutment Level Impression	<div><div> Multi Protection Cap</div><div> Multi Pick-up Impression Coping</div><div> Multi Transfer Post</div><div> Multi Lab Analog</div><div> Multi Meta G ULCA Cylinder</div><div> Multi Plastic UCLA Cylinder</div><div> Multi Titanium Cylinder</div><div> Multi Polishing Protector</div></div>
	Prosthetic Procedure III	<div><div> Straight</div></div>		Direct Impression

INNO Submerged Narrow Implant (Sub-N.)

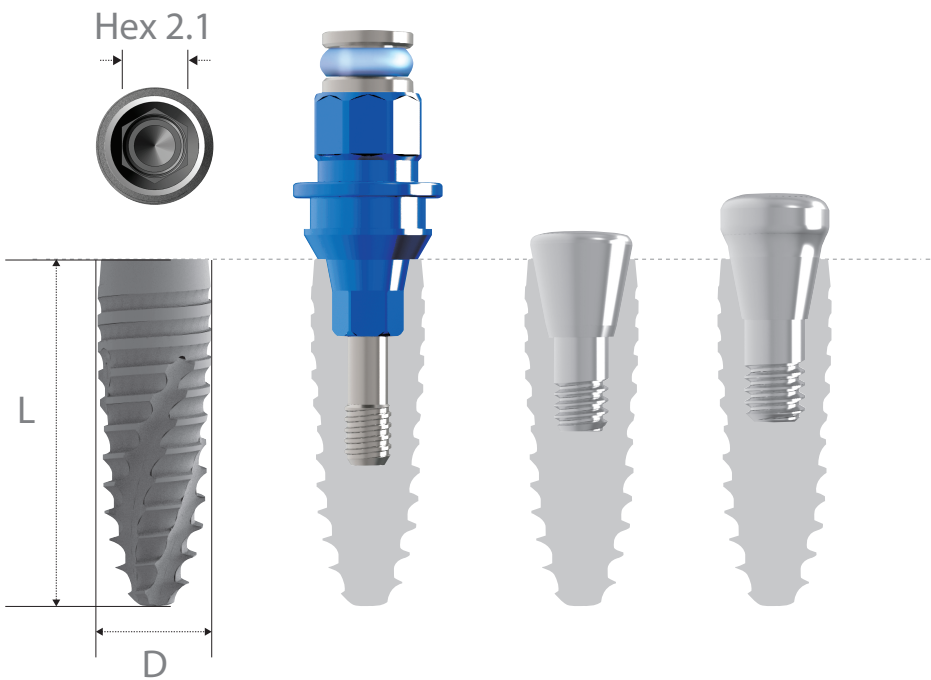


Submerged Fixture
Surface Treatment : **SLA-SH®**

- > Interchangeable with hexagonal morse tapered fixture.
- > Internal hex connection (Taper 11°/ Hex 2.1).

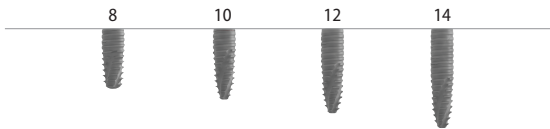
※ Note

> The INNO Sub. Narrow System is not compatible with the INNO Submerged System as hexagon size is different.

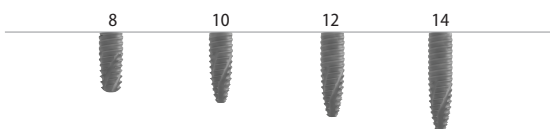


No-Mount > Packing unit : 1 Fixture + 1 Cover Screw.

Diameter	Length
8	SR3108NSM
10	SR3110NSM
12	SR3112NSM
14	SR3114NSM

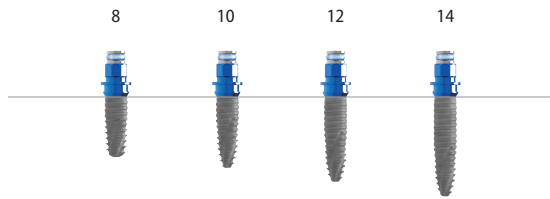


Diameter	Length
8	SR3308NSM
10	SR3310NSM
12	SR3312NSM
14	SR3314NSM

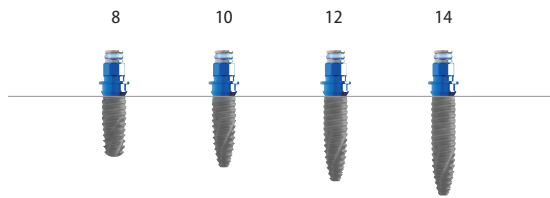


Pre-Mount > Packing unit : 1 Fixture + 1 Cover Screw + 1 Mount.

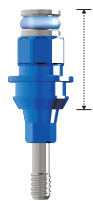
Diameter	Length
8	SR3108NS
10	SR3110NS
12	SR3112NS
14	SR3114NS



Diameter	Length
8	SR3308NS
10	SR3310NS
12	SR3312NS
14	SR3314NS



Fixture Mount



Length	5.4
	RSM001

- > Packing unit : 1 Mount + 1 Mount Screw.
- > Tightened with the 1.2 Hex Driver.
- > Tightening torque force : 5~10 N.cm.

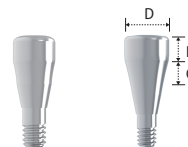
Cover Screw



Diameter	Length	Ø2.85	Ø3.25	Ø3.6
1.7		RCS000		
2.7			RCS001	
3.7				RCS002

- > Packing unit : 1 Cover Screw.
- > To seal the conical interface of fixture.
- > The longer the Cover Screw for deeply inserted fixture.
- > Tightened with the 1.2 Hex Driver.
- > Tightening torque force : 5~10 N.cm.

Healing Abutment

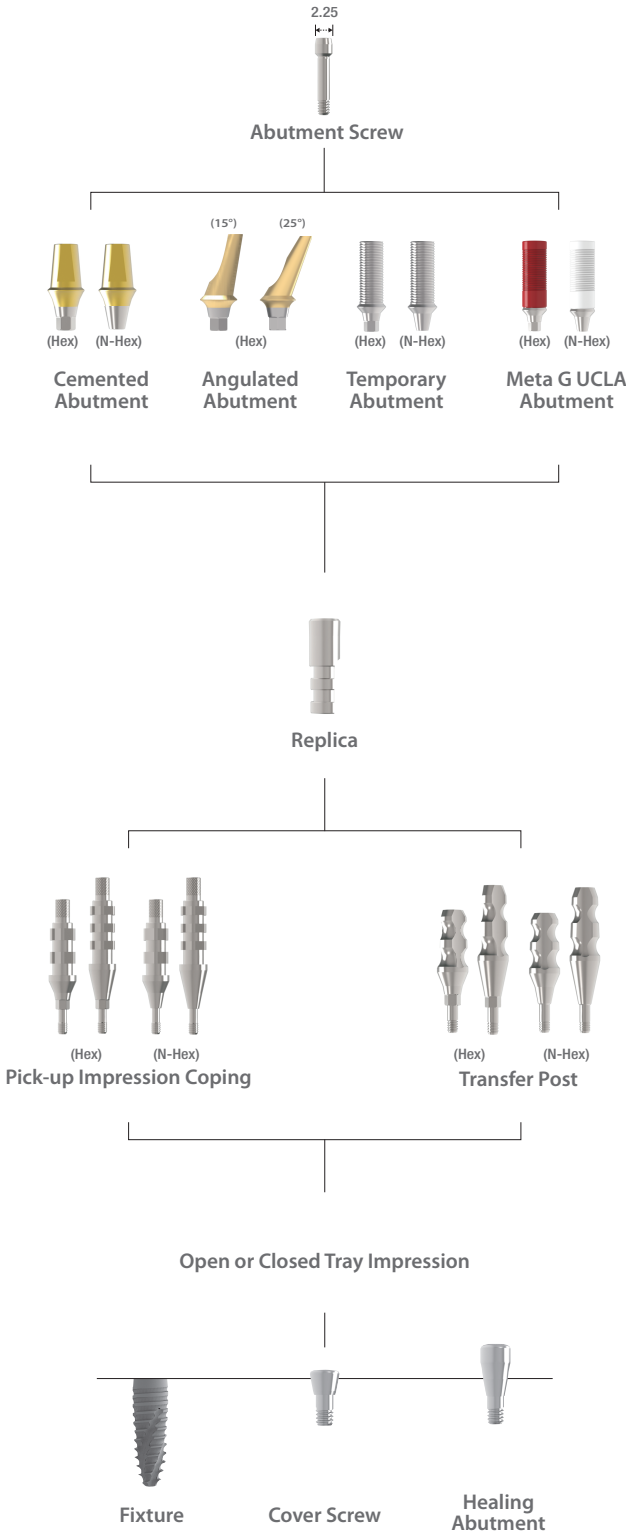


Diameter	Ø3.5		Ø4.5	
Cuff <div>Length</div>	1	2	1	2
0.5	HR3501			
1	HR3511		HS4511N	
2		HR3522		HS4522N
3		HR3532		HS4532N
4		HR3542		HS4542N
5				HS4552N
7				HS4572N

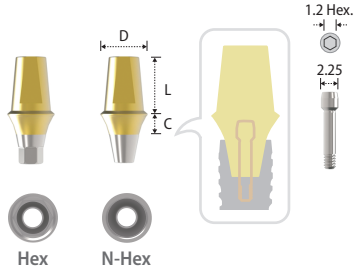
- > Packing unit : 1 Healing Abutment.
- > For remodeling gingival contour during soft tissue healing.
- > Select according to gingival height and abutment type.
- > Tightened with the 1.2 Hex Driver.
- > Tightening torque force : 5~10 N.cm.

Prosthesis Procedure I

Components Selection Guide for Cemented and UCLA Abutment



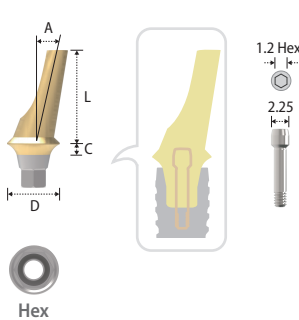
Cemented Abutment



Type	Hex			N-Hex		
Diameter	Ø4.5			Ø4.5		
Length Cuff	4	5.5	7	4	5.5	7
1	SCH4514N	SCH4515N	SCH4517N	SCN4514N	SCN4515N	SCN4517N
2	SCH4524N	SCH4525N	SCH4527N	SCN4524N	SCN4525N	SCN4527N
3	SCH4534N	SCH4535N	SCH4537N	SCN4534N	SCN4535N	SCN4537N
4	SCH4544N	SCH4545N	SCH4547N	SCN4544N	SCN4545N	SCN4547N
5	SCH4554N	SCH4555N	SCH4557N	SCN4554N	SCN4555N	SCN4557N

- > Packing unit : 1 Cemented Abutment + 1 Abutment Screw.
- > For Screw-Cement or Cement Retained Prosthesis.
- > Cutting surface for anti-rotation of prosthesis.
- > Gold color for more translucent restoration.
- > Library available for EXOCAD®, 3Shape® & Others.
- > Connected with the Abutment Screw (SSHR100N).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force : 20~25 N.cm.
- > Use the Scanbody for 3D Work.
- > Fixture level impression.

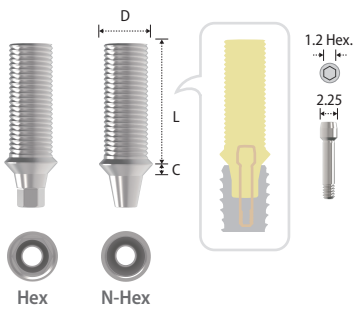
Angulated Abutment



Type	Hex	
Diameter(Angle)	Ø4.5(15°)	Ø4.5(25°)
Length Cuff	8	8
1	SAH45151NA	SAH45251NA
2	SAH45152NA	SAH45252NA
3	SAH45153NA	SAH45253NA
4	SAH45154NA	SAH45254NA

- > Packing unit : 1 Angulated Abutment + 1 Abutment Screw.
- > For Screw-Cement or Cement Retained Prosthesis.
- > Solution for anterior esthetic zone.
- > Gold color for esthetics.
- > Connected with the Abutment Screw (SSHR100N).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force : 20~25 N.cm.
- > Fixture level impression.

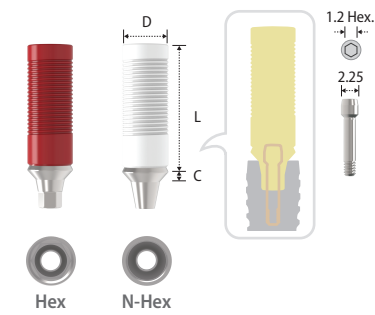
Temporary Abutment



Type	Hex	N-Hex
Diameter	Ø4.5	Ø4.5
Length Cuff	10	10
1	STHA45N	STNA45N

- > Packing unit : 1 Temporary Abutment + 1 Abutment Screw.
- > For Screw-Cement Retained Prosthesis.
- > For provisional restoration.
- > Connected with the Abutment Screw (SSHR100N).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force : 20~25 N.cm.

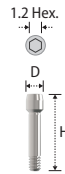
Meta G UCLA Abutment



Type	Hex	N-Hex
<i>Diameter</i>	Ø4.5	Ø4.5
<i>Length / Cuff</i>	12	12
1	SGH45N	SGN45N
2	SGH452N	SGN452N
3	SGH453N	SGN453N

- > Packing unit : 1 Meta G UCLA Abutment + 1 Abutment Screw.
- > For Screw Retained Prosthesis.
- > Modification to angulated abutment, customized abutment and telescopic abutment.
- > CCM alloy core for precise connection.
- > Cast with non-precious metal or gold alloy.
- > Connected with the Abutment Screw (SSHR100N).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 20~25 N.cm.
- > Fixture level impression.

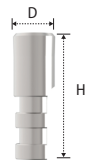
Abutment Screw



<i>Diameter</i>	2.25
<i>Height</i>	10.2
	SSHR100N

- > Packing unit : 1 Abutment Screw.
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force : 20~25 N.cm.

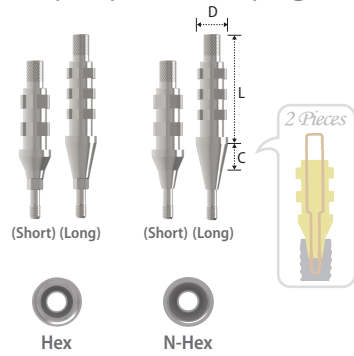
Replica



<i>Diameter</i>	Ø4
<i>Height</i>	12.1
	SRHR001N

- > Packing unit : 1 Replica.
- > Mimicking of conical interface of fixture.
- > Analog of fixture for working cast.

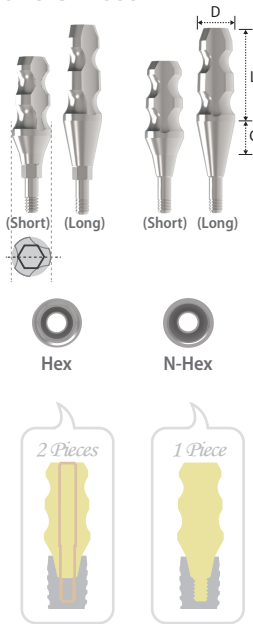
Pick-up Impression Coping



Type	Hex	N-Hex
<i>Diameter</i>	Ø4.5	Ø4.5
<i>Length / Cuff</i>	14 (Short) / 2	SIN45SN
	16 (Long) / 4	SIN45LN

- > Packing unit : 1 Pick-up Impression Coping + 1 Guide Pin.
- > For open tray impression.
- > Connected with the Guide Pin (SIS001SN / SIS001LN).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 12~15Ncm.

Transfer Post

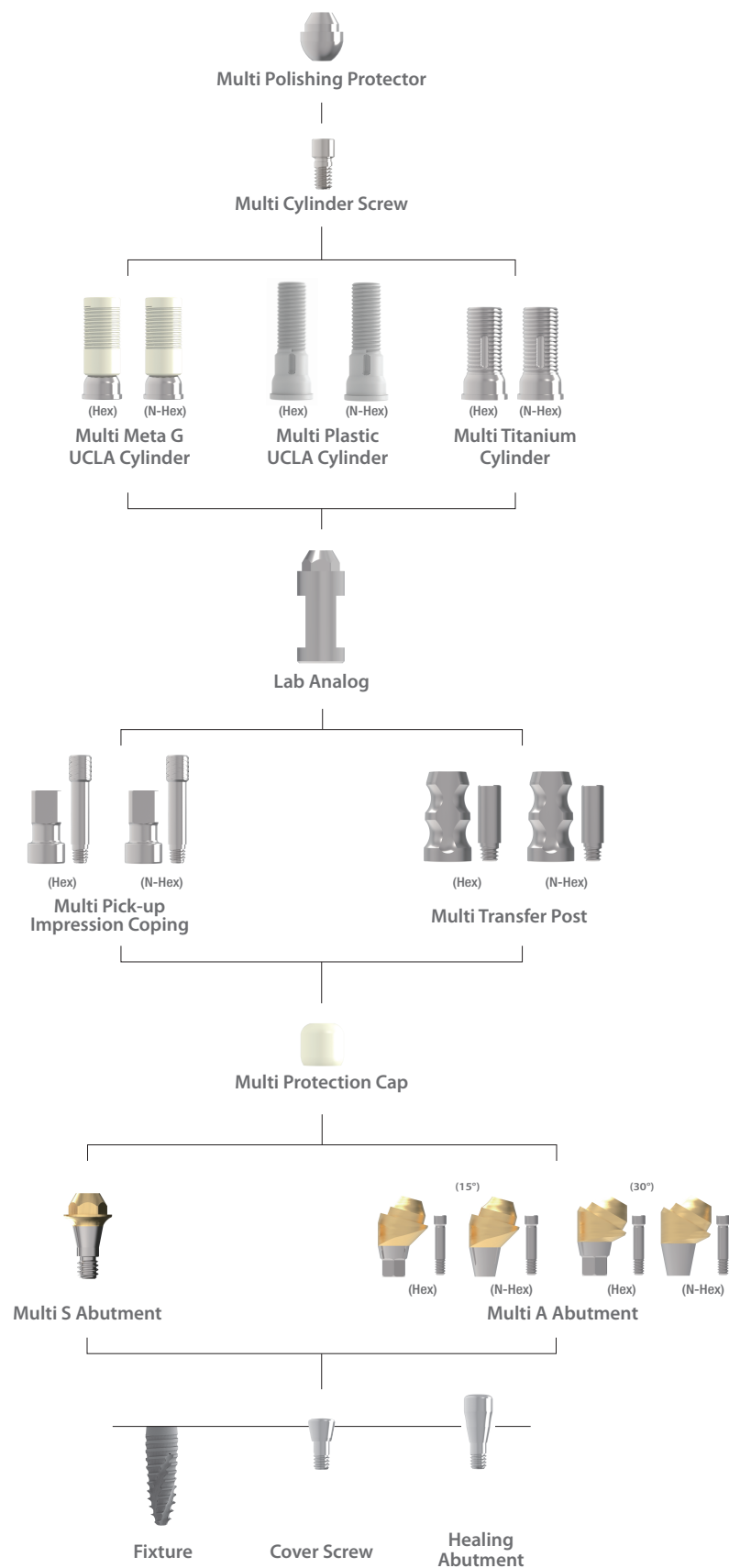


Type	Hex	N-Hex
<i>Diameter</i>	Ø4.5	Ø4.5
<i>Length / Cuff</i>	9 (Short) / 2	STN45SN
	11 (Long) / 4	STN45LN

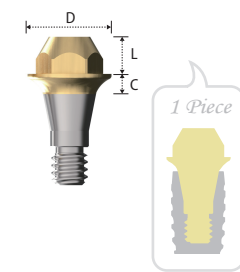
- > Packing unit : Hex - 1 Transfer Post + 1 Guide Pin / N-Hex - 1 Transfer Post (Solid Type).
- > For closed tray impression.
- > Connected with the Guide Pin (STS001SN / STS001LN).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 12~15Ncm.

Prosthesis Procedure II

Component Selection Guide for Multi S&A Abutment



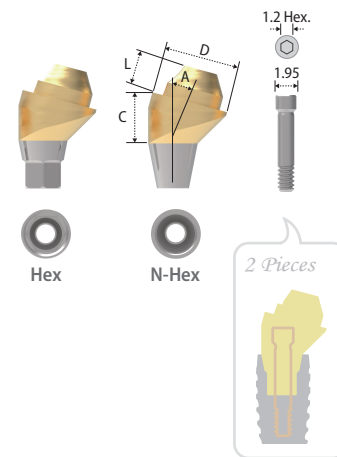
Multi S Abutment



Diameter	Ø4.5
Cuff / Length	2
1	SMS451N
2	SMS452N
3	SMS453N
4	SMS454N

- > Packing unit : 1 Multi S Abutment.
- > For Screw-Retained Prosthesis.
- > Titanium base for the cylinders.
- > Gold color for more translucent restoration.
- > Integrated with screw and abutment.
- > Library available for EXOCAD®, 3Shape® & Others.
- > Use the S Holder for more stable position.
- > Tightened with the S Machine & S Ratchet Driver and Torque Wrench.
- > Tightening torque force : 20~25 N.cm.
- > Abutment level impression.

Multi A Abutment

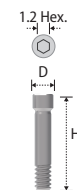


Type	Hex	
Diameter(Angle)	Ø4.5(15°)	Ø4.5(30°)
Cuff / Length	2	2
2	★ SMAH45152N	
3	● SMAH45153N	★ SMAH45303N
4	● SMAH45154N	● SMAH45304N

Type	N-Hex	
Diameter(Angle)	Ø4.5(15°)	Ø4.5(30°)
Cuff / Length	2	2
2	★ SMAN45152N	
3	● SMAN45153N	★ SMAN45303N
4	● SMAN45154N	● SMAN45304N

- > Packing unit : 1 Multi A Abutment + 1 Abutment Screw.
- > For Screw-Retained Prosthesis.
- > Titanium base for the cylinders.
- > Gold color for more translucent restoration.
- > Library available for EXOCAD®, 3Shape® & Others.
- > Use the A Holder for more stable position.
- > Connected with the Abutment Screw (SSHR200N : ★ / SSHR300N : ●).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force : 20~25 N.cm.
- > Abutment level impression.

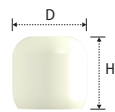
Abutment Screw



Height / Diameter	8.7	9.3
Ø1.95	★ SSHR200N	● SSHR300N

- > Packing unit: 1 Abutment Screw.
- > To connect the Multi A Abutment.
- > Tightened with the 1.2 Hex Driver and Torque Wrench.

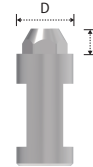
Multi Protection Cap



Multi S & A Abutment Diameter	Ø4.5
Diameter / Height	Ø5.2
5	2SMPC45

- > Packing unit : 1 Multi Protection Cap.
- > Protection from cheek and tongue for gingival healing period.
- > Gingival retraction for prosthodontic margin of abutment.
- > Alternative usage for sub-structure of temporary prosthesis.

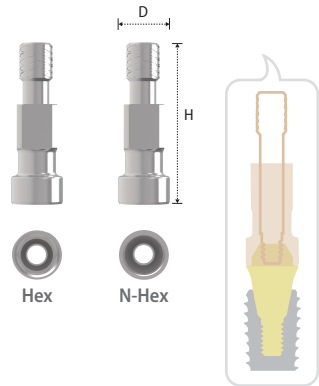
Multi Lab Analog



Multi S & A Abutment Diameter	Ø4.5
Diameter / Length	Ø4.5
2	2SMA45

- > Packing unit : 1 Multi Lab Analog.
- > Replacement of abutment shape in working cast.

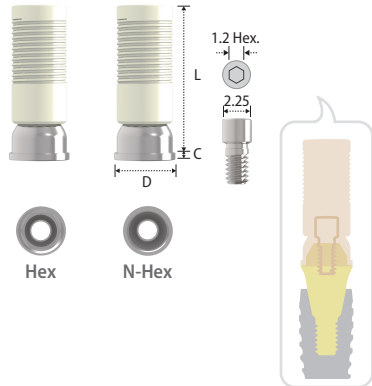
Multi Pick-up Impression Coping



Type	Hex	N-Hex
Multi S & A Abutment Diameter	Ø4.5	Ø4.5
Diameter / Height	Ø4.65	Ø4.65
14.8	2SMIH45	2SMIN45

- > Packing unit: 1 Multi Pick-up Impression Coping + 1 Guide Pin.
- > For open tray impression.
- > Connected with the Guide Pin (2SMGP012).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 12~15 N.cm.

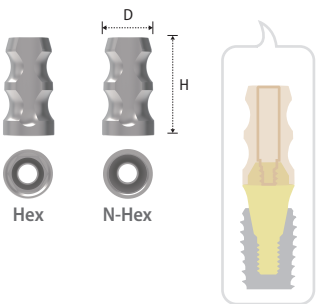
Multi Meta G UCLA Cylinder



Type	Hex	N-Hex
Multi S & A Abutment Diameter	Ø4.5	Ø4.5
Diameter	Ø4.5	Ø4.5
Length / Cuff	10.9	10.9
0.5	2SCCH45	2SCCN45

- > Packing unit : 1 Multi Meta G UCLA Cylinder + 1 Multi Cylinder Screw.
- > For Screw, Cement or Screw-Cement Retained Prosthesis.
- > Modification to various types of abutments.
- > CCM alloy core for precise connection.
- > Cast with non-precious metal or gold alloy.
- > Connected with the Multi Cylinder Screw (2SMCS100).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force : 20 N.cm.

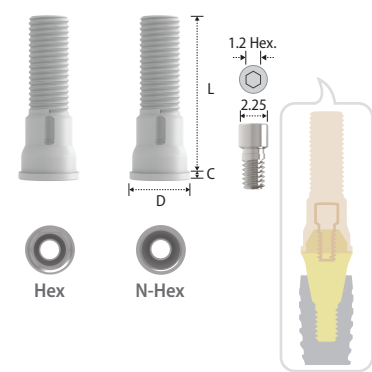
Multi Transfer Post



Type	Hex	N-Hex
Multi S & A Abutment Diameter	Ø4.5	Ø4.5
Diameter / Height	Ø4.5	Ø4.5
8.5	2SMTH45	2SMTN45

- > Packing unit: 1 Multi Transfer Post + 1 Guide Pin.
- > For closed tray impression.
- > Connected with the Guide Pin (2SMTHS100).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force: 12~15 N.cm.

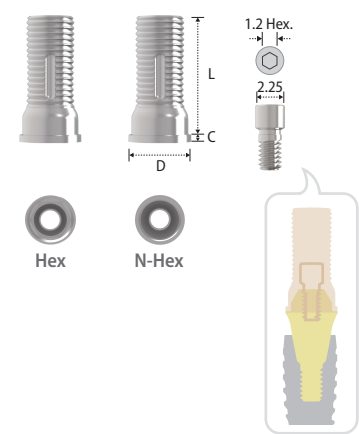
Multi Plastic UCLA Cylinder



Type	Hex	N-Hex
Multi S & A Abutment Diameter	Ø4.5	Ø4.5
Diameter	Ø4.5	Ø4.5
Length / Cuff	11.5	11.5
0.5	2SMPH45	2SMPN45

- > Packing unit : 1 Multi Plastic UCLA Cylinder + 1 Multi Cylinder Screw.
- > For Screw, Cement or Screw-Cement Retained Prosthesis.
- > Same purpose of use as the Meta G UCLA Cylinder but low accuracy of connection.
- > PMMA material.
- > Connected with the Multi Cylinder Screw (2SMCS100).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force : 20 N.cm.

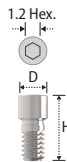
Multi Titanium Cylinder



Type	Hex	N-Hex
Multi S & A Abutment Diameter	Ø4.5	Ø4.5
Diameter	Ø4.5	Ø4.5
Length	8.5	8.5
Cuff	0.5	2STCH45
	2STCH45	2STCN45

- > Packing unit : 1 Multi Titanium Cylinder + 1 Multi Cylinder Screw.
- > For Screw, Cement or Screw-Cement Retained Prosthesis.
- > Connected with the Multi Cylinder Screw (2SMCS100).
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force : 20 N.cm.

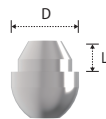
Multi Cylinder Screw



Diameter	Ø2.25
Height	5
	2SMCS100

- > Packing unit : 1 Multi Cylinder Screw.
- > Connected with the Meta G UCLA, Plastic UCLA and Titanium Cylinder.
- > Tightened with the 1.2 Hex Driver and Torque Wrench.
- > Tightening torque force : 20 N.cm.

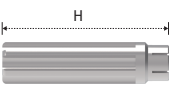
Multi Polishing Protector



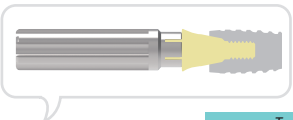
Type	Hex
Multi S & A Abutment Diameter	Ø4.5
Diameter	Ø4.5
Length	2
	2SMPP45

- > Packing unit : 1 Multi Polishing Protector.
- > For polishing work during lab procedure.

Multi Holder

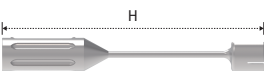


S Holder



Type	Hand
Height	20
	KMHS01

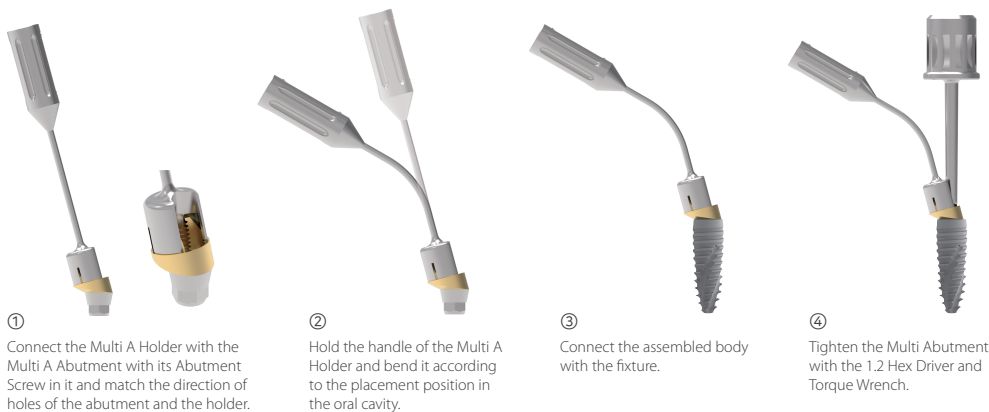
- > Packing unit: 1 Multi S Holder.
- > To position the Multi S Abutment more stably.



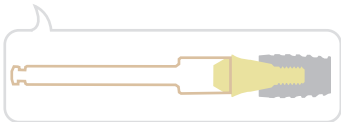
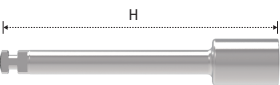
A Holder

Type	Hand
Height	32
	KMHA01

- > Packing unit: 1 Multi A Holder.
- > To position the Multi A Abutment more stably.



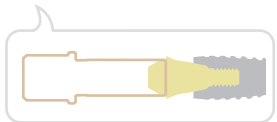
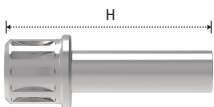
Multi S Machine Driver



Type	Machine
Height	27.5
	KMMSD21L

- > Packing unit: 1 Multi S Machine Driver.
- > To install the Multi S Abutment by machine.

Multi S Ratchet Driver

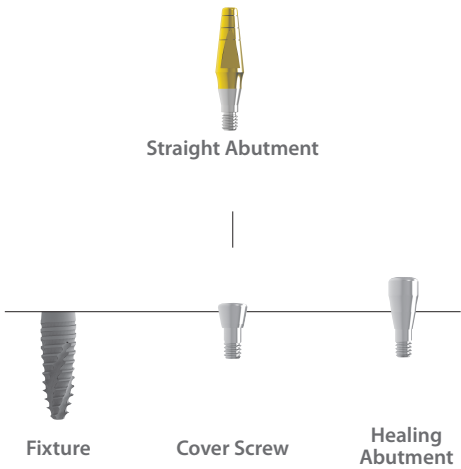


Type	Ratchet
Height	22
	KRMSD15L

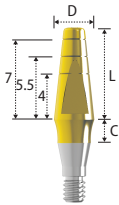
- > Packing unit: 1 Multi S Ratchet Driver.
- > To install the Multi S Abutment by hand.

Prosthesis Procedure III

Component Selection Guide for Straight Abutment



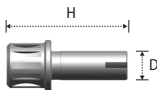
Straight Abutment



Diameter	Ø3.5				
Length [Cuff]	8 [0.5]	8 [1]	8 [2]	8 [3]	8 [4]
	SR308	SR318	SR328	SR338	SR348

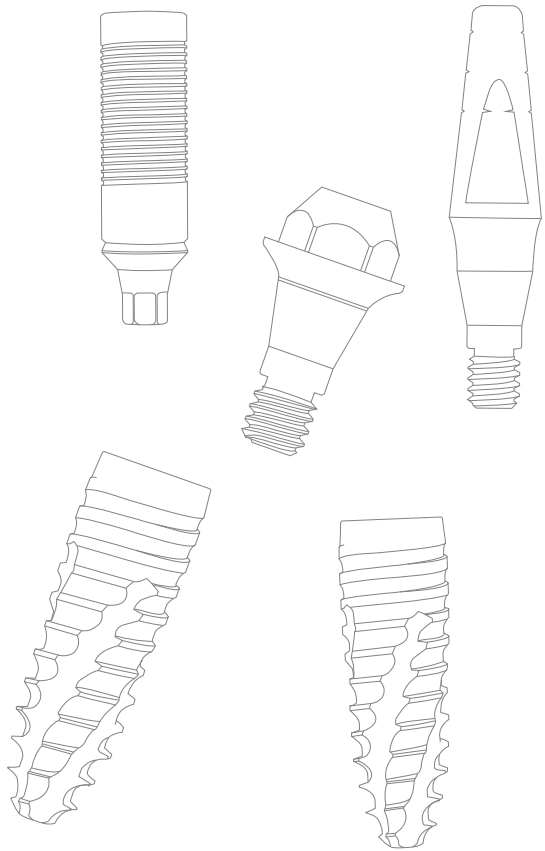
- > Packing unit : 1 Straight Abutment.
- > For Cement Retained Prosthesis.
- > Integrated with screw and abutment.
- > Tightened with the Shoulder Driver.
- > Tightening torque force : 20~25 N.cm.
- > Direct impression.

Shoulder Driver



Diameter	Ø4.5	
Height	19	KRR19L

- > Packing unit : 1 Shoulder Driver.
- > To install the Straight Abutment.



INNO Submerged Narrow Implant (Sub-N.)

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