04 : Differentiation

Guide for each components

1. When using HI Scan Holder

· Provide Holder (Short/Long Size) only for HI Scan Abutment.
(Holder consists of Body and Driver)

· Easy to move the HI Scan Abutment into the oral cavity and assemble it in the fixed state when fixing it with proper distance.

2. When using HI Scan Abutment and Bite Cap

· Precise Bite is possible by adjusting distance when taking bite.

· Provide two options (Short / Long Size) and enable selective application to different cases.

3. When using HI Scan Abutment and Impression Cap

· Provide precise placement when assemble Impression Cap with cross section of cap.

· Proper Undercut provides precise impression taking with pick up when remove the cap.

· Can be used as substitution for Bite cap for narrow distance case.

4. When using HI Scan Abutment and Healing Cap

· Can be use as substitution for Healing Abutment after impression taking with HI Scan Abutment and assemble Healing Cap after removing Impression Cap or Scan Cap.

· Can apply based on different cases, but providing same HI Scan Abutment to lab is mandatory. (Size information is mandatory for multiple case)

· Remove HI Scan Abutment and Healing Cap inside of mouth before installing dental prosthesis.

For Educational Purpose

HI Scan Abutment

Multi Use Coping

User manual Vol.2

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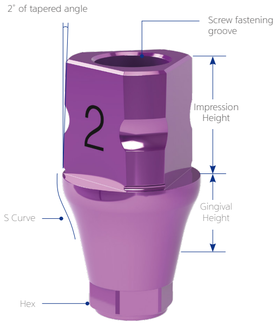
01 : Introduction

HI Scan Abutment :
Healing Abutment + Impression Coping + Scan Body

· HI Scan Abutment is multi-functional abutment which can be used for precise impression with Impression cap or Scan Cap accordingly after assembled with fixture.



[External Structure]

※ Two-piece & Transfer type Impression Coping

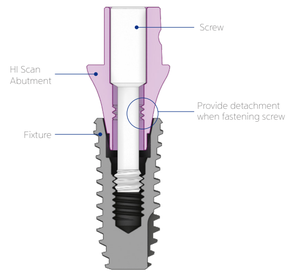
① Upper body : Tapered 2°
② Convex Type Cuff
③ Gingival Height – 2/3/4/6/8mm (Laser Marking)
④ Color by diameter : Ø4.5(Purple), Ø5.5(Yellow), Ø6.5(Blue)
⑤ Easy to replace screw, remove and sterilize.

1) Using with Impression Cap : Precise Impression.
Post Height 4mm

2) Bite Cap : Precise bite impression by adjusting distance.
(Short : 6mm/Long : 10mm)

3) Healing Cap : Substitution for Healing Abutment.

4) Scan Cap : Using as Scan Body
Provides cross section of Post with same section of Hex .



[Internal Structure]

Proper screw according to cuff height

Make internal spiral

Prevent detachment between abutment and screw when assembling fixture.

02 : Specifications

HI Scan Abutment Composition(Regular/Wide)[Hex]

· Use HI Scan Holder_Short/Long

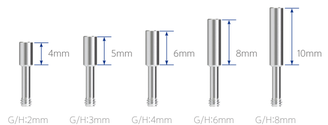
1. HI Scan Abutment

* G/H : Gingival Height * IH : Impression Height

G/H \ 직경	Ø4.5	Ø5.5	Ø6.5
2mm	DSHIH4524S	DSHIH5524S	DSHIH6524S
3mm	DSHIH4534S	DSHIH5534S	DSHIH6534S
4mm	DSHIH4544S	DSHIH5544S	DSHIH6544S
6mm	DSHIH4564S	DSHIH5564S	DSHIH6564S
8mm	DSHIH4584S	DSHIH5584S	DSHIH6584S

* Set code : HI Scan Abutment + exclusive Screw for HI Scan Abutment

2. Screw only for HI Scan



Diameter / G/H	Ø4.5/Ø5.5/Ø6.5 Universal
2mm	DSHHS02
3mm	DSHHS03
4mm	DSHHS04
6mm	DSHHS06
8mm	DSHHS08

3. Impression Cap / Scan Cap

Impression Cap	Bite Cap(S/L)	Scan Cap
Ø4.5/Ø5.5/Ø6.5 Universal		
DSHITIC	DSHIBCS DSHIBCL	DSHISC

4. Lab Analog(Regular/Wide)

Lab Analog
Ø4.5
DSCLA

5. Healing Cap

Healing Cap		
Ø4.5	Ø5.5	Ø6.5
DSHIHC45	DSHIHC55	DSHIHC65

6. HI Scan Holder

Holder Set (Body + Driver)	
Short	Long
DHIHS	DHIHL

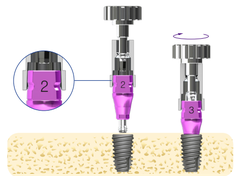
03 : Procedure

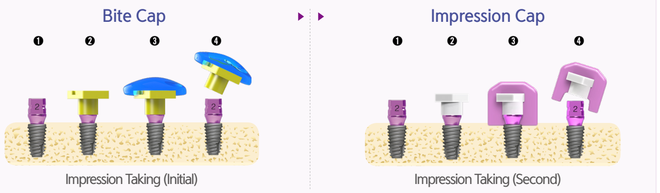
Impression Sequence

Connect holder to upper body of HI Scan Abutment

Connect abutment to upper body of fixture by using Holder Driver

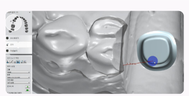
Select Cap according to use of Intraoral scanner





Impression taking with Bite Tray
It is better to use Bite Cap first when taking impression for full mouth.

(optional)
Use Healing cap or assemble Healing Abutment



Make Custom Abutment

Install dental prosthesis after removing HI Scan Abutment(+Healing Cap)