

# UF / UFII Internal Submerged System

## Product Catalog

### UF / UFII Internal Submerged System

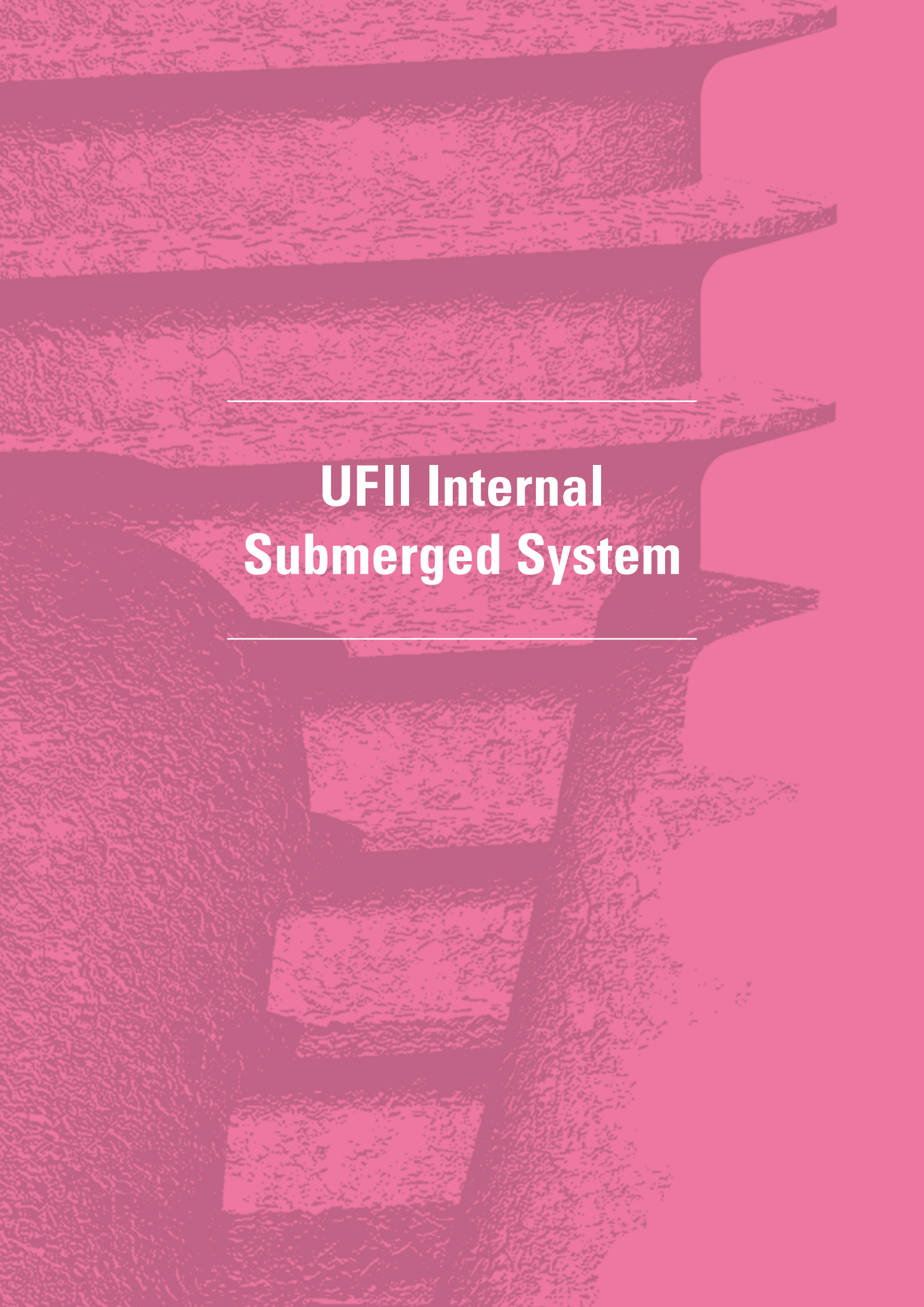
- **UF** Internal Submerged System
- **UFII** Internal Submerged System
- **UF / UFII** Kits
- **DIOnavi.** Kits

※ This catalog does not contain all products of DIO Corporation.  
Please check with your local sales office order products.

## **UF / UFII Internal Submerged System**

|                            |     |
|----------------------------|-----|
| UF Int. Submerged System   | 010 |
| UFII Int. Submerged System | 014 |
| UFII Master Kit            | 080 |
| UFII Surgical Kit          | 081 |
| UFII Narrow Kit            | 093 |
| UFII Wide Kit              | 097 |
| DIOnavi. Kits              | 108 |





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# UFII Internal Submerged System

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# UF / UFII Internal Submerged System

**N**

**Narrow**

017

UF II  
Narrow  
Fixture



Ø3.0 Ø3.3

021

Cover  
Screw



022

Healing  
Abutment



## Cement / Screw - Retained Restorations

028

Pick-up  
Impression  
Coping



029

Transfer  
Impression  
Coping



030

Fixture  
Analog



030

Temporary  
Abutment



031

Cemented  
Abutment



034

Angled  
Abutment



035

UCLA CCM  
Abutment



## Cement - Retained Restorations

037

Solid  
Abutment



038

Protect  
Cap



038

Impression  
Cap



039

Solid  
Abutment  
Analog



039

Plastic  
Coping



## Overdenture - Retained Restorations

047

Ball  
Abutment



048

Ball  
Abutment  
Analog



048

Retainer



048

Ball Cap



048

O-Ring



049

OT Cap



049

Stainless  
Steel  
Housing



049

Insertion Tool  
For Caps



049

Remove Tool  
For Caps



050

Locator  
Abutment



051

Replacement  
Male



051

Extended  
Replacement  
Male



051

Male  
Package



052

Denture  
Cap



052

Black  
Processing  
Male



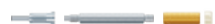
052

Block-Out  
Spacer



053

Locator  
Core Tool



053

Locator  
Square Drive  
Torque Wrench  
Driver



## Cement / Screw – Retained Restorations

055

Multiunit  
Abutment



055

Multiunit  
Screw Driver



055

Transfer  
Impression  
Coping



056

Conical  
Abutment



056

Healing Cap



056

Pick-up  
Impression  
Coping



056

Abutment  
Analog



057

Temporary  
Cylinder



057

Plastic  
Cylinder



057

Cylinder  
Screw  
Conical Screw  
Driver



## **R** Regular **W** Wide

013

**UF**  
Regular  
Ø3.8/4.0/  
4.5/5.0



018

**UF II**  
Regular  
Ø3.8/4.0/  
4.5/5.0/5.5  
Wide  
Ø5.9/6.4/6.9



021

Cover  
Screw



021

Bone  
Forming  
Cover  
Screw



023

Healing  
Abutment



## Cement / Screw – Retained Restorations

028

Pick-up  
Impression  
Coping



029

Transfer  
Impression  
Coping



030

Fixture  
Analog



030

Temporary  
Abutment



031

Cemented  
Abutment



033

Mill  
Abutment



034

Angled  
Abutment



035

UCLA CCM  
Abutment



035

UCLA Plastic  
Abutment



## Cement – Retained Restorations

037

Solid  
Abutment



038

Protect  
Cap



038

Impression  
Cap



039

Solid  
Abutment  
Analog



039

Plastic  
Coping



## Screw – Retained Restorations

041

Octa  
Abutment



041

Healing  
Cap



042

Pick-up  
Impression  
Coping



042

Transfer  
Impression  
Coping



042

Octa  
Abutment  
Analog





# UF / UFI Internal Submerged System

## Cement / Screw – Retained Restorations

043

Temporary  
Cylinder



043

Cemented  
Cylinder



044

Plastic  
Cylinder



## Overdenture – Retained Restorations

047

Ball  
Abutment



048

Ball  
Abutment  
Analog



048

Retainer



048

Ball Cap



048

O-Ring



049

OT Cap



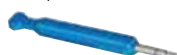
049

Stainless  
Steel  
Housing



049

Insertion Tool  
For Caps



049

Remove Tool  
For Caps



050

Locator  
Abutment



051

Replacement  
Male



051

Extended  
Replacement  
Male



051

Male  
Package



052

Denture  
Cap



052

Black  
Processing  
Male



052

Block-Out  
Spacer



053

Locator  
Core Tool



053

Locator  
Square Drive  
Torque Wrench  
Driver



## Cement / Screw – Retained Restorations

055

Multiunit  
Abutment



055

Multiunit  
Screw Driver



055

Transfer  
Impression  
Coping



056

Conical  
Abutment



056

Healing Cap



056

Pick-up  
Impression  
Coping



056

Abutment  
Analog



057

Temporary  
Cylinder



057

Plastic  
Cylinder



057

Cylinder  
Screw  
Conical Screw  
Driver



## Screw – Retained Restorations

059

Multiunit  
Straight  
Abutment



059

Multiunit  
Angled  
Abutment



060

Healing  
Cap



060

Pick-up  
Impression  
Coping



060

Transfer  
Impression  
Coping



060  
H-Scanbody



061  
Scan  
Adapter



061  
Multi Angled  
Abutment  
Jig



062  
Cemented  
Cylinder



062  
Plastic  
Cylinder



062  
Temporary  
Cylinder



063  
Cylinder  
Screw



063  
Abutment  
Analog



063  
Digital  
Analog



# UF / UFII Internal Submerged System

## Digital Materials

### Digital Abutment

065

Lower Incisor  
Narrow  
Angled  
Abutment



066

Upper Incisor  
Narrow  
Angled  
Abutment



067

Upper Incisor  
Angled  
Abutment



068

Canine  
Angled  
Abutment



069

Pre-Molar  
Angled  
Abutment



070

Molar  
Angled  
Abutment



### H-Scanbody

073

UF II Int. Sub.



### Scan Adapter

075

UF II  
Int. Sub.  
Narrow



075

UF II  
Int. Sub.  
Regular  
Wide



### Scan Retractor

076

Scan  
Retractor



076

Wax  
Denture



076

Marker



### Pre-Milled Bar

077

UF II  
Int. Sub.  
Narrow



077

UF II  
Int. Sub.  
Regular  
Wide



### Hybrid Link

078

UF II  
Int. Sub.  
Narrow



078

UF II  
Int. Sub.  
Regular  
Wide



### Digital Fixture Analog

079

UF II  
Int. Sub.  
Narrow



079

UF II  
Int. Sub.  
Regular  
Wide

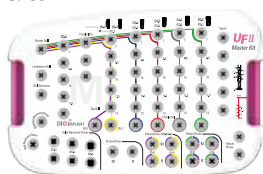




# Surgical Kit

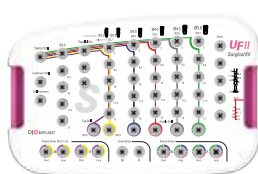
080

UF II Master Kit  
UF 06



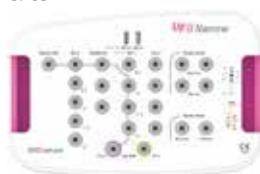
081

UF II Surgical Kit  
UF 07



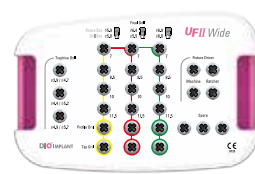
093

UF II Narrow Kit  
UF 08



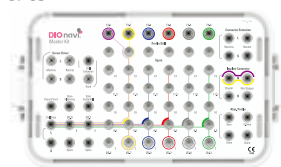
097

UF II Wide Kit  
UF 09



108

DIONavi. Master Kit  
UF 05



117

DIONavi. Narrow Kit  
UF 14



123

DIONavi. Wide Kit  
UF 11



129

DIONavi. Flapless Crestal Sinus Kit  
SMK 02



133

DIONavi. Special Kit  
SGF 02



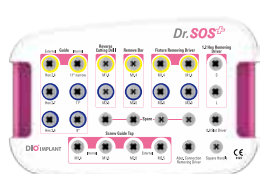
139

Sinus Master Kit  
SMK 01



146

Dr.SOS+ Kit  
DRS 02

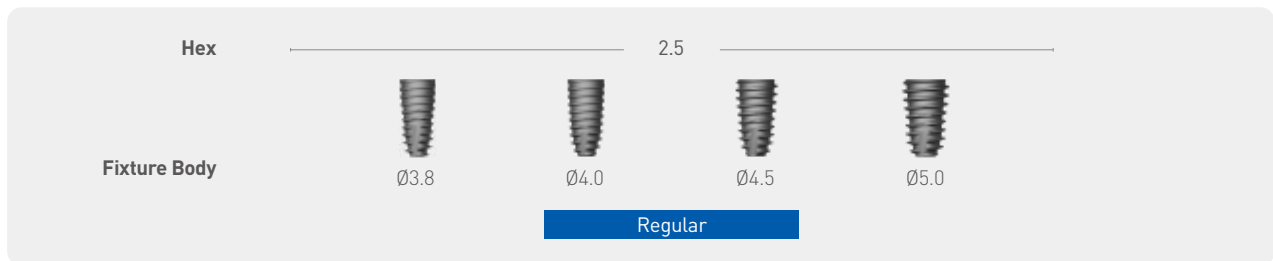


# UF Int. Submerged System

## Surface Treatment Feature

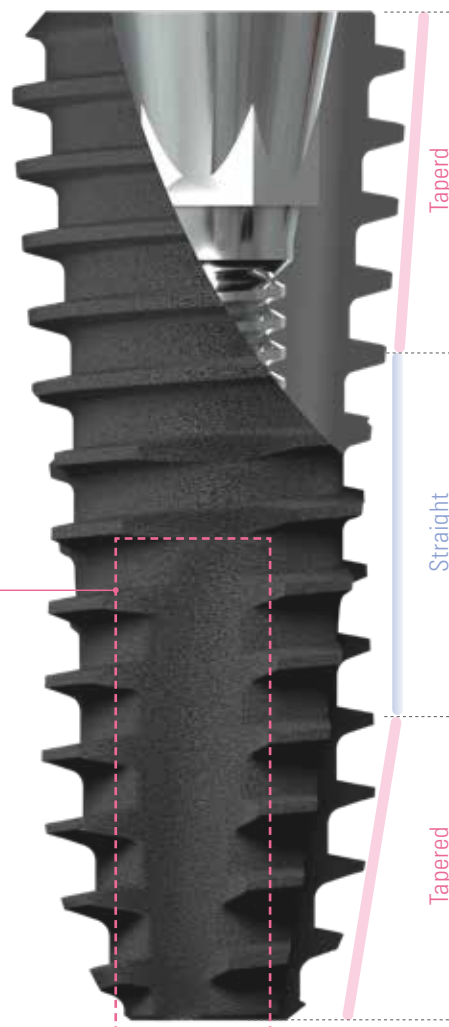
Hybrid Type SLA Implant

## UF Implant



### Sharp Cutting Edge

The sharp cutting edge can increase the self-tapping efficiency with minimal drilling.



### Tapered Body, Tapered Thread

#### Tapered thread aids initial fixation

Tapered thread is applied to the tapered body to effectively disperse stress that is applied on the top of the fixture. The depth of the thread is gradually reduced as it goes to the top to decrease bone heating on the cortical bone.

### Straight Body

#### Decreases Bone Damage

The change in the body length changed the length of the fixture, so it can be placed stably just like a straight type implant.

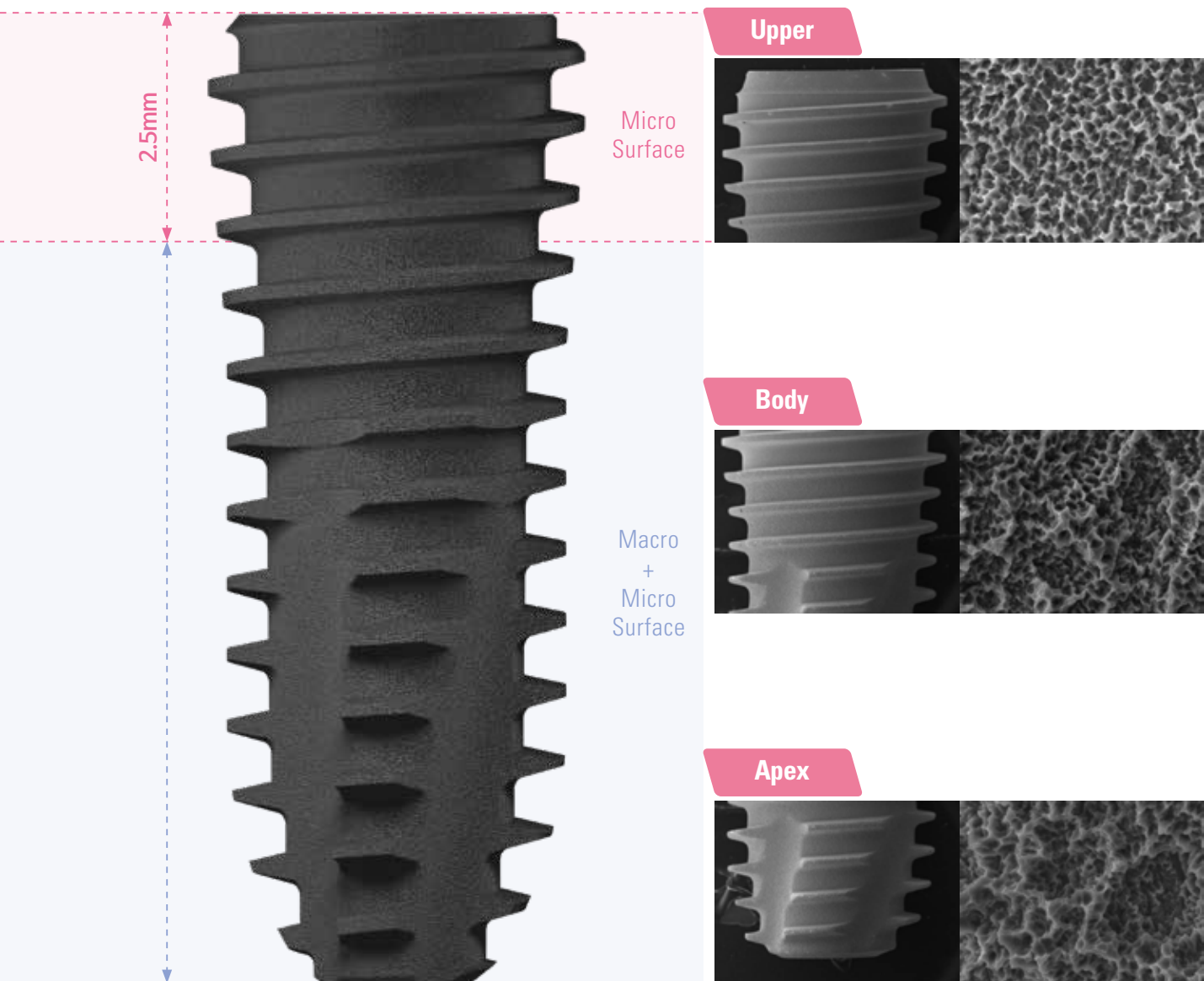
### Long Tapered Apex

#### Gradually Tapered Guide

Tapered section is designed at length, so it is easy for initial entry at soft bone with under drilling.

Hybrid Type SLA Implant

# UF Implant Surface HSA



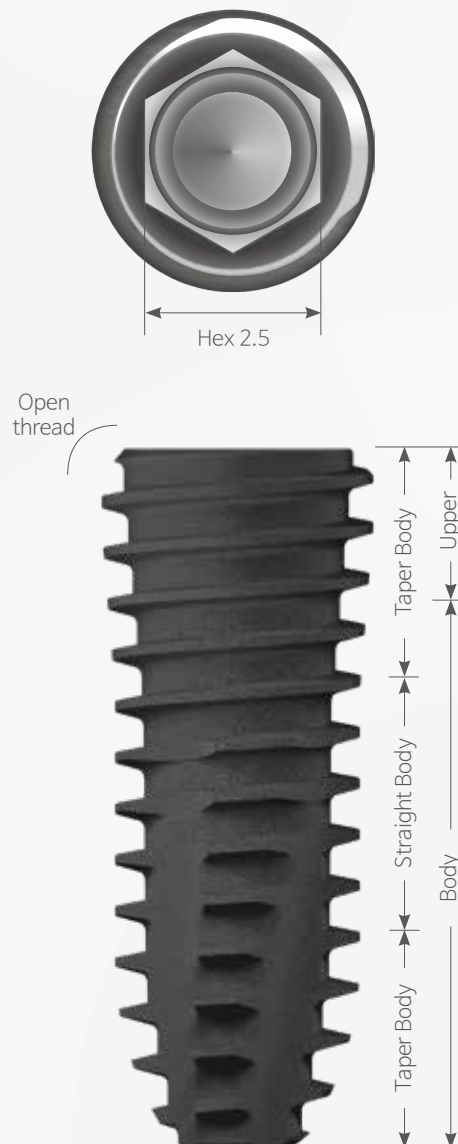
# UF Int. Submerged System

## UF Regular

D Ø3.8 | Ø4.0 | Ø4.5 | Ø5.0

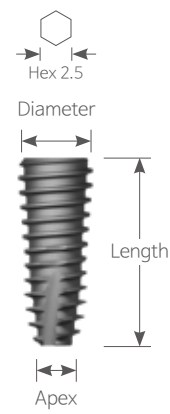
L 7 | 8.5 | 10 | 11.5 | 13

HSA



# Regular Fixture

- HSA / Packing Unit : Fixture | Order code : UF 0000SF (ex : UF 3808SF)
- Fixture + Cover Screw | Order code : UF 0000S (ex : UF 3808S)



| <div> <div>R</div> <div>D Ø3.8</div> <div>Hex 2.5</div> <div>Apex Ø1.4</div> </div> <div>Unit mm   Scale 1 : 1.2</div> |   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|------------------------------------------------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Length                                                                                                                 | 7 | 8.5                                                                               | 10                                                                                | 11.5                                                                                | 13                                                                                  |
|                                                                                                                        |   |  |  |  |  |
| HSA                                                                                                                    | - | UF 3808SF                                                                         | UF 3810SF                                                                         | UF 3811SF                                                                           | UF 3813SF                                                                           |

| <div> <div>R</div> <div>D Ø4.0</div> <div>Hex 2.5</div> <div>Apex Ø1.6</div> </div> |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Length                                                                              | 7                                                                                   | 8.5                                                                                 | 10                                                                                  | 11.5                                                                                  | 13                                                                                    |
|                                                                                     |  |  |  |  |  |
| HSA                                                                                 | UF 4007SF                                                                           | UF 4008SF                                                                           | UF 4010SF                                                                           | UF 4011SF                                                                             | UF 4013SF                                                                             |

| <div> <div>R</div> <div>D Ø4.5</div> <div>Hex 2.5</div> <div>Apex Ø1.6</div> </div> |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Length                                                                              | 7                                                                                   | 8.5                                                                                 | 10                                                                                  | 11.5                                                                                  | 13                                                                                    |
|                                                                                     |  |  |  |  |  |
| HSA                                                                                 | UF 4507SF                                                                           | UF 4508SF                                                                           | UF 4510SF                                                                           | UF 4511SF                                                                             | UF 4513SF                                                                             |

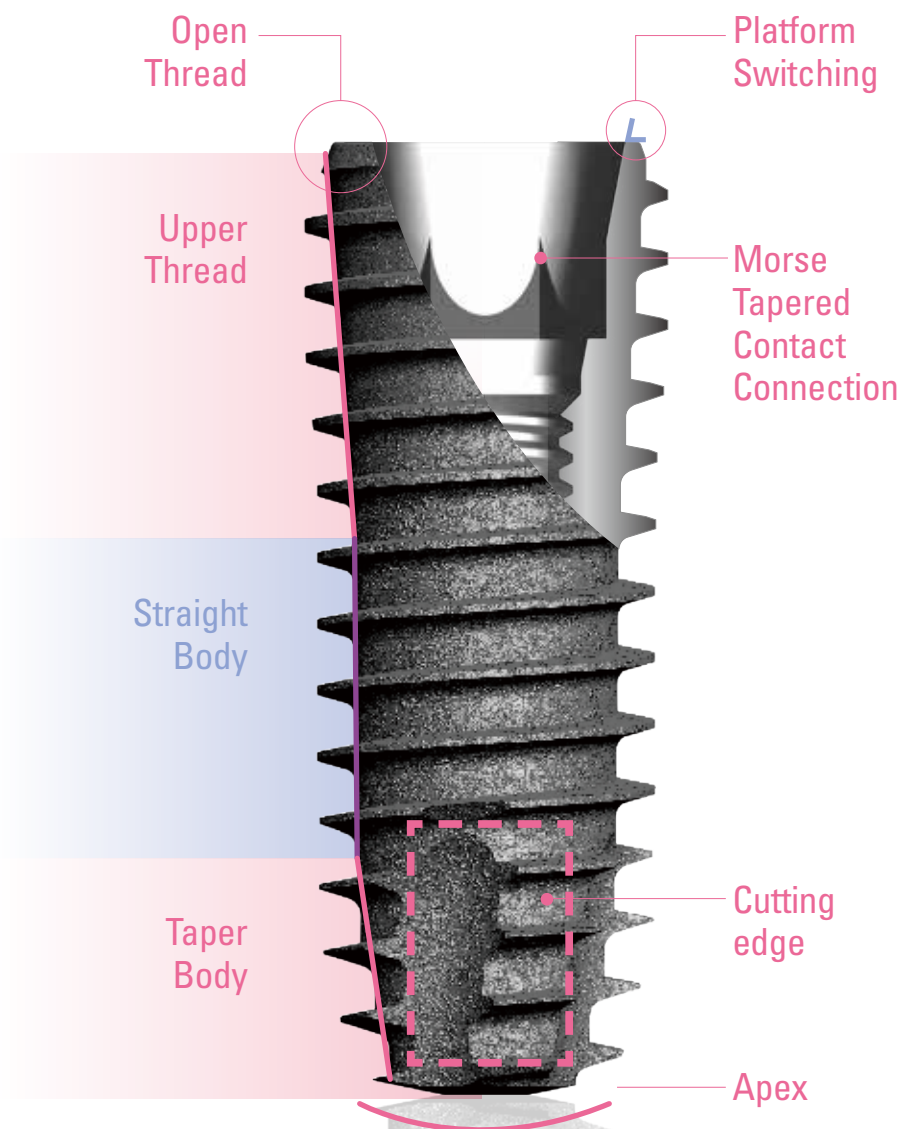
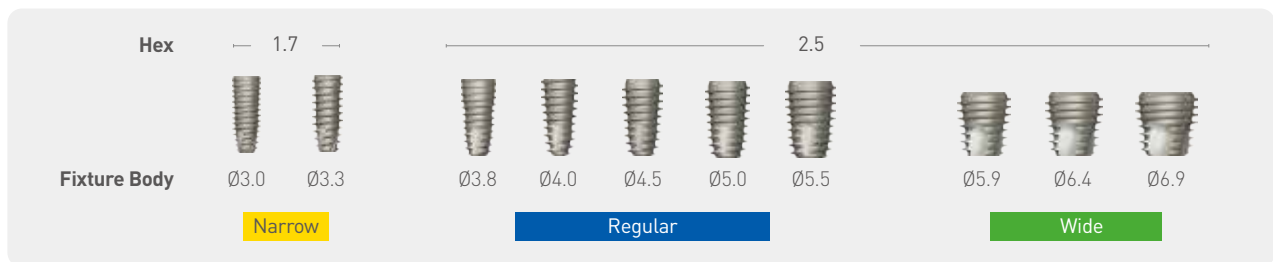
| <div> <div>R</div> <div>D Ø5.0</div> <div>Hex 2.5</div> <div>Apex Ø2.0</div> </div> <div>Unit mm   Scale 1 : 1.2</div> |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Length                                                                                                                 | 7                                                                                   | 8.5                                                                                 | 10                                                                                  | 11.5                                                                                  | 13                                                                                    |
|                                                                                                                        |  |  |  |  |  |
| HSA                                                                                                                    | UF 5007SF                                                                           | UF 5008SF                                                                           | UF 5010SF                                                                           | UF 5011SF                                                                             | UF 5013SF                                                                             |



# UFII Int. Submerged System

Hybrid Type SLA Implant

## UFII Implant

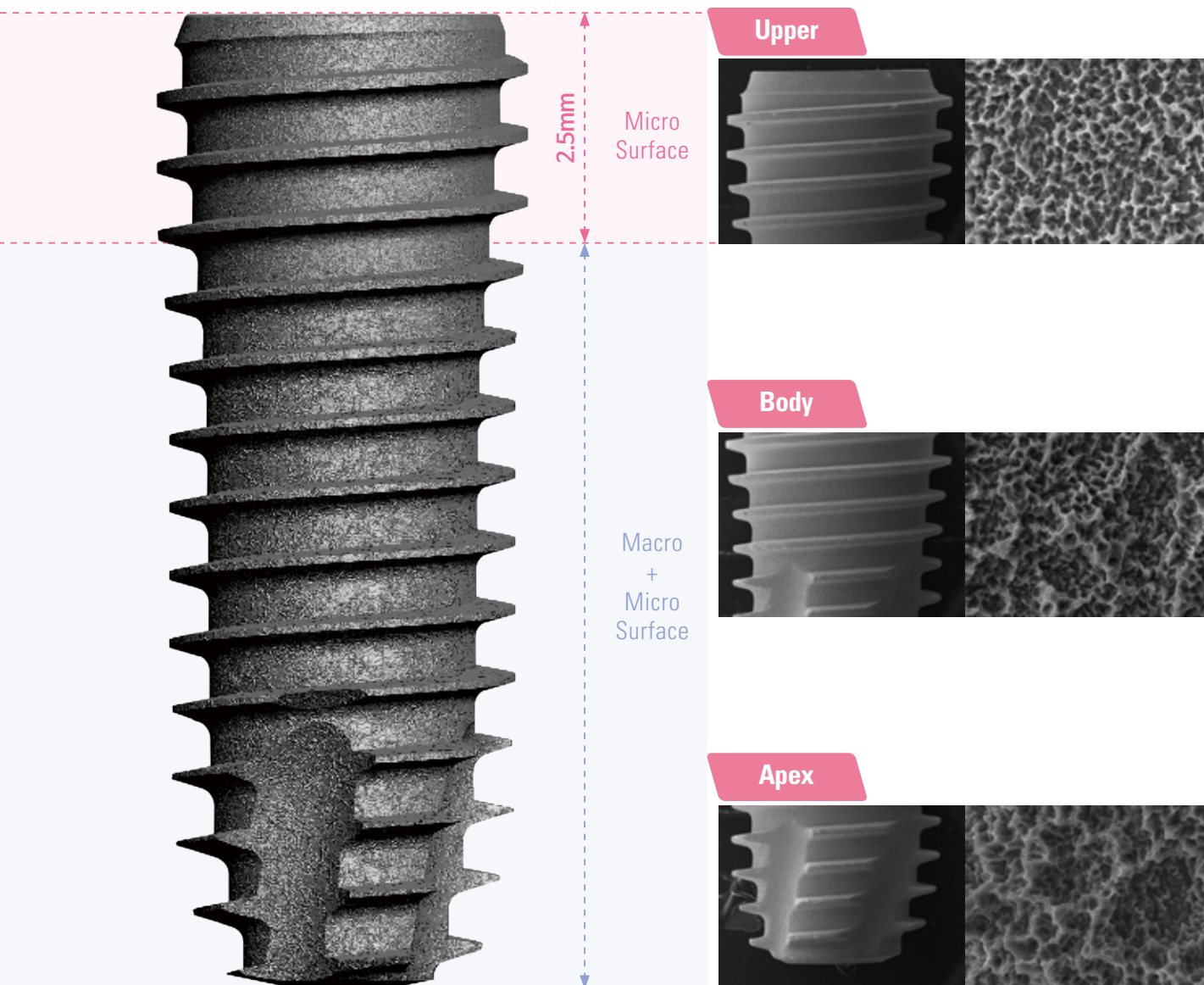


Hybrid Type SLA Implant

## UFII Implant Surface **HSA**

IMPLANT SYSTEM

UFII INT. SUBMERGED SYSTEM



# UF II Internal Submerged System

## UF II Narrow

D Ø3.0 | Ø3.3

L 8.5 | 10 | 11.5 | 13 | 15

HSA

UV Active

## UF II Regular

D Ø3.8 | Ø4.0 | Ø4.5 | Ø5.0 | Ø5.5

L 7 | 8.5 | 10 | 11.5 | 13 | 15

HSA

UV Active

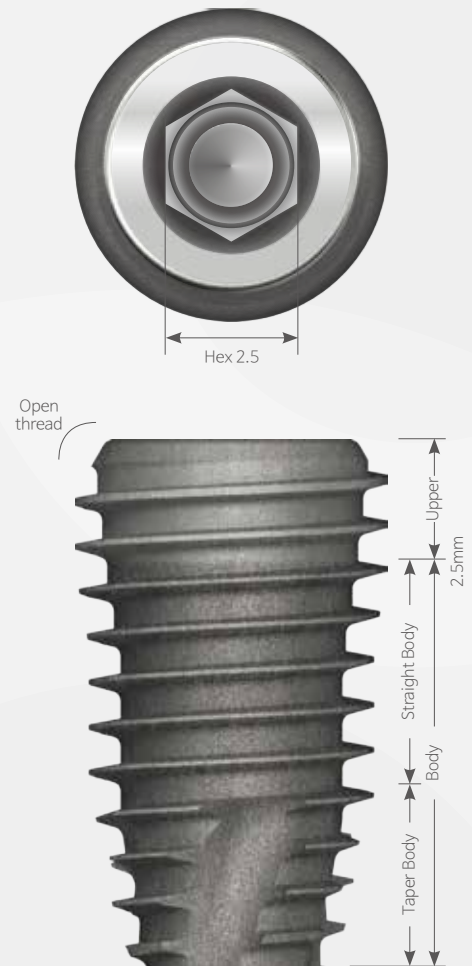
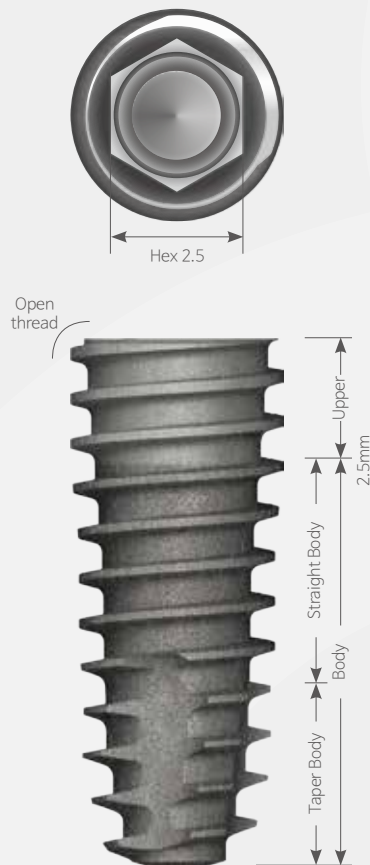
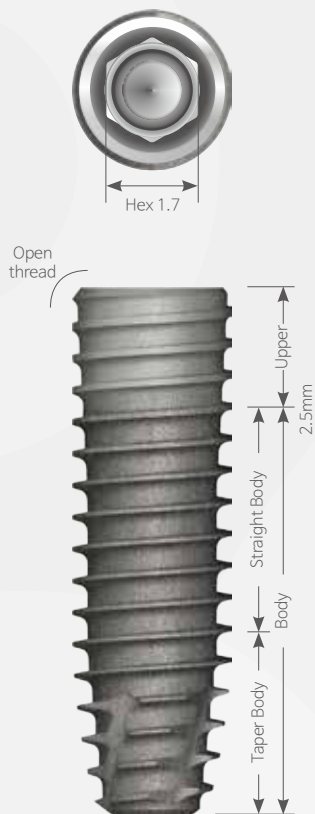
## UF II Wide

D Ø5.9 | Ø6.4 | Ø6.9

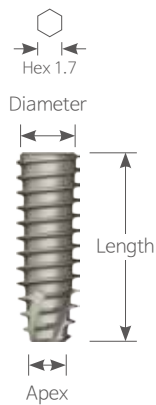
L 7 | 8.5 | 10 | 11.5 | 13 | 15

HSA

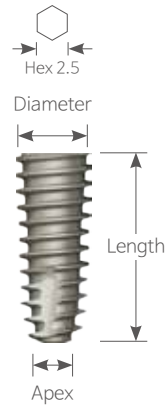
UV Active



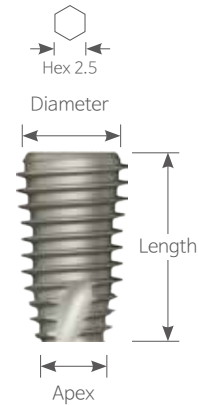
## UFII Narrow



## UFII Regular



## UFII Wide



# Narrow Fixture

### ► Ø3.0 fixture exclusive for anterior region.

- HSA / Packing Unit : Fixture | Order code : UF(II)N 0000**SF** (ex : UF(II)N 3008**SF**)  
Fixture + Cover Screw | Order code : UF(II)N 0000**S** (ex : UF(II)N 3008**S**)
- UV Active / Packing Unit : Fixture | Order code : UF(II)N 0000**UV3** (ex : UF(II)N 3008**UV3**)
- Accessories : Cover Screw (UNSCS 2700)

### **N D Ø3.0** Hex 1.7 Apex Ø1.6

Unit mm | Scale 1 : 1.2

| Length    | 8.5                                                                                 | 10                                                                                  | 11.5                                                                                | 13                                                                                    | 15                                                                                    |
|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|           |  |  |  |  |  |
| HSA       | UF(II)N <b>3008SF</b>                                                               | UF(II)N <b>3010SF</b>                                                               | UF(II)N <b>3011SF</b>                                                               | UF(II)N <b>3013SF</b>                                                                 | UF(II)N <b>3015SF</b>                                                                 |
| UV Active | UF(II)N <b>3008UV3</b>                                                              | UF(II)N <b>3010UV3</b>                                                              | UF(II)N <b>3011UV3</b>                                                              | UF(II)N <b>3013UV3</b>                                                                | -                                                                                     |

### **N D Ø3.3** Hex 1.7 Apex Ø1.9

| Length    | 8.5                                                                                 | 10                                                                                  | 11.5                                                                                | 13                                                                                    | 15                                                                                    |
|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|           |  |  |  |  |  |
| HSA       | UF(II)N <b>3308SF</b>                                                               | UF(II)N <b>3310SF</b>                                                               | UF(II)N <b>3311SF</b>                                                               | UF(II)N <b>3313SF</b>                                                                 | UF(II)N <b>3315SF</b>                                                                 |
| UV Active | UF(II)N <b>3308UV3</b>                                                              | UF(II)N <b>3310UV3</b>                                                              | UF(II)N <b>3311UV3</b>                                                              | UF(II)N <b>3313UV3</b>                                                                | -                                                                                     |

# Regular Fixture

- HSA / Packing Unit : Fixture | Order code : UF ( II ) 0000**SF** ( ex : UF ( II ) 3808**SF** )  
 Fixture + Cover Screw | Order code : UF ( II ) 0000**S** ( ex : UF ( II ) 3808**S** )  
 Fixture Mount + Mount Screw + Fixture + Cover Screw | Order code : PUF ( II ) 0000**S** ( ex : PUF ( II ) 3808**S** )
- UV Active / Packing Unit : Fixture | Order code : UF ( II ) 0000**UV3** ( ex : UF ( II ) 3808**UV3** )
- Accessories : Cover Screw (SSCS 3400)

## **R D Ø3.8** Hex 2.5 Apex Ø1.4

Unit mm | Scale 1 : 1.2

| Length    | 7 | 8.5                                                                               | 10                                                                                | 11.5                                                                              | 13                                                                                  | 15                                                                                  |
|-----------|---|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|           |   |  |  |  |  |  |
| HSA       | – | UF ( II ) <b>3808SF</b>                                                           | UF ( II ) <b>3810SF</b>                                                           | UF ( II ) <b>3811SF</b>                                                           | UF ( II ) <b>3813SF</b>                                                             | UF ( II ) <b>3815SF</b>                                                             |
| UV Active | – | UF ( II ) <b>3808UV3</b>                                                          | UF ( II ) <b>3810UV3</b>                                                          | UF ( II ) <b>3811UV3</b>                                                          | UF ( II ) <b>3813UV3</b>                                                            | –                                                                                   |

## **R D Ø4.0** Hex 2.5 Apex Ø1.6

| Length    | 7 | 8.5                                                                                 | 10                                                                                  | 11.5                                                                                | 13                                                                                    | 15                                                                                    |
|-----------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|           |   |  |  |  |  |  |
| HSA       | – | UF ( II ) <b>4008SF</b>                                                             | UF ( II ) <b>4010SF</b>                                                             | UF ( II ) <b>4011SF</b>                                                             | UF ( II ) <b>4013SF</b>                                                               | UF ( II ) <b>4015SF</b>                                                               |
| UV Active | – | UF ( II ) <b>4008UV3</b>                                                            | UF ( II ) <b>4010UV3</b>                                                            | UF ( II ) <b>4011UV3</b>                                                            | UF ( II ) <b>4013UV3</b>                                                              | –                                                                                     |

## **R D Ø4.5** Hex 2.5 Apex Ø1.6

| Length    | 7                                                                                   | 8.5                                                                                 | 10                                                                                  | 11.5                                                                                | 13                                                                                    | 15                                                                                    |
|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|           |  |  |  |  |  |  |
| HSA       | UF ( II ) <b>4507SF</b>                                                             | UF ( II ) <b>4508SF</b>                                                             | UF ( II ) <b>4510SF</b>                                                             | UF ( II ) <b>4511SF</b>                                                             | UF ( II ) <b>4513SF</b>                                                               | UF ( II ) <b>4515SF</b>                                                               |
| UV Active | UF ( II ) <b>4507UV3</b>                                                            | UF ( II ) <b>4508UV3</b>                                                            | UF ( II ) <b>4510UV3</b>                                                            | UF ( II ) <b>4511UV3</b>                                                            | UF ( II ) <b>4513UV3</b>                                                              | –                                                                                     |

**R D Ø5.0** Hex 2.5 Apex Ø2.0

| Length    | 7                                                                                 | 8.5                                                                               | 10                                                                                | 11.5                                                                              | 13                                                                                  | 15                                                                                  |
|-----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|           |  |  |  |  |  |  |
| HSA       | UF(II) 5007SF                                                                     | UF(II) 5008SF                                                                     | UF(II) 5010SF                                                                     | UF(II) 5011SF                                                                     | UF(II) 5013SF                                                                       | UF(II) 5015SF                                                                       |
| UV Active | UF(II) 5007UV3                                                                    | UF(II) 5008UV3                                                                    | UF(II) 5010UV3                                                                    | UF(II) 5011UV3                                                                    | UF(II) 5013UV3                                                                      | -                                                                                   |

**R D Ø5.5** Hex 2.5 Apex Ø2.5

| Length    | 7                                                                                   | 8.5                                                                                 | 10                                                                                  | 11.5                                                                                | 13                                                                                    | 15                                                                                    |
|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|           |  |  |  |  |  |  |
| HSA       | UF(II) 5507SF                                                                       | UF(II) 5508SF                                                                       | UF(II) 5510SF                                                                       | UF(II) 5511SF                                                                       | UF(II) 5513SF                                                                         | UF(II) 5515SF                                                                         |
| UV Active | UF(II) 5507UV3                                                                      | UF(II) 5508UV3                                                                      | UF(II) 5510UV3                                                                      | UF(II) 5511UV3                                                                      | UF(II) 5513UV3                                                                        | -                                                                                     |



# Wide Fixture

- HSA / Packing Unit : Fixture | Order code : UF( II ) 0000**SF** (ex : UF( II ) 6007**SF**)  
Fixture + Cover Screw | Order code : UF( II ) 0000**S** (ex : UF( II ) 6007**S**)  
Fixture Mount + Mount Screw + Fixture + Cover Screw | Order code : PUF( II ) 0000**S** (ex : PUF( II ) 6007**S**)
- UV Active / Packing Unit : Fixture | Order code : UF( II ) 0000**UV3** (ex : UF( II ) 6007**UV3**)
- Accessories : Cover Screw (SSCS 3400)

## **W** **D Ø5.9** Hex 2.5 Apex Ø3.6

Unit mm | Scale 1 : 1.2

| Length    | 7                                                                                 | 8.5                                                                               | 10                                                                                | 11.5                                                                              | 13                                                                                  | 15                                                                                  |
|-----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|           |  |  |  |  |  |  |
| HSA       | UF(II) <b>6007SF</b>                                                              | UF(II) <b>6008SF</b>                                                              | UF(II) <b>6010SF</b>                                                              | UF(II) <b>6011SF</b>                                                              | UF(II) <b>6013SF</b>                                                                | UF(II) <b>6015SF</b>                                                                |
| UV Active | UF(II) <b>6007UV3</b>                                                             | UF(II) <b>6008UV3</b>                                                             | UF(II) <b>6010UV3</b>                                                             | UF(II) <b>6011UV3</b>                                                             | UF(II) <b>6013UV3</b>                                                               | -                                                                                   |

## **W** **D Ø6.4** Hex 2.5 Apex Ø3.6

| Length    | 7                                                                                   | 8.5                                                                                 | 10                                                                                  | 11.5                                                                                | 13                                                                                    | 15                                                                                    |
|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|           |  |  |  |  |  |  |
| HSA       | UF(II) <b>6507SF</b>                                                                | UF(II) <b>6508SF</b>                                                                | UF(II) <b>6510SF</b>                                                                | UF(II) <b>6511SF</b>                                                                | UF(II) <b>6513SF</b>                                                                  | UF(II) <b>6515SF</b>                                                                  |
| UV Active | UF(II) <b>6507UV3</b>                                                               | UF(II) <b>6508UV3</b>                                                               | UF(II) <b>6510UV3</b>                                                               | UF(II) <b>6511UV3</b>                                                               | UF(II) <b>6513UV3</b>                                                                 | -                                                                                     |

## **W** **D Ø6.9** Hex 2.5 Apex Ø3.6

| Length | 7                                                                                   | 8.5                                                                                 | 10                                                                                  | 11.5                                                                                | 13                                                                                    | 15                                                                                    |
|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|        |  |  |  |  |  |  |
| HSA    | UF(II) <b>7007SF</b>                                                                | UF(II) <b>7008SF</b>                                                                | UF(II) <b>7010SF</b>                                                                | UF(II) <b>7011SF</b>                                                                | UF(II) <b>7013SF</b>                                                                  | UF(II) <b>7015SF</b>                                                                  |

# Cover Screw

► Used for narrow area after the Implant surgery or protecting Implant connection area.

► Dental Implant cover screw is implanted into the top which helps to prevent tissue and bone to grow inside the implant.

· Uses 1.2 Hex Driver

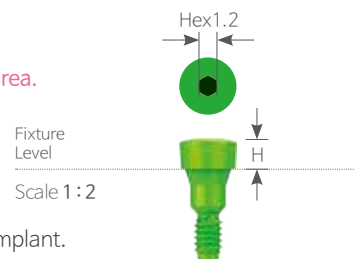
· Method of use

① Screw installation after removing the remaining blood or foreign substance in Implant.

② Connect the screw using 1.2 hex driver and hand-tighten (5~8Ncm)

· Tightening Torque : 5~8Ncm

· Packing Unit : 1 Set (6 Pieces) | Order code : UNSCS 0000S or SSCS 0000S (ex : UNSCS 2700S)



**N R W** Hex 1.2

Unit mm | Scale 1 : 1.25

| Fixture Size | Narrow                                                                            | Regular · Wide                                                                      |
|--------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|              |  |    |
| Height 0     | UNSCS 2700                                                                        | SSCS 3400                                                                           |
| 1            | UNSCS 2710                                                                        | -                                                                                   |
| 2            | UNSCS 2720                                                                        | -                                                                                   |
| 3            | UNSCS 2730                                                                        | -                                                                                   |
|              |                                                                                   |  |
|              |                                                                                   | SSCS 3410                                                                           |
|              |                                                                                   | SSCS 3420                                                                           |
|              |                                                                                   | SSCS 3430                                                                           |

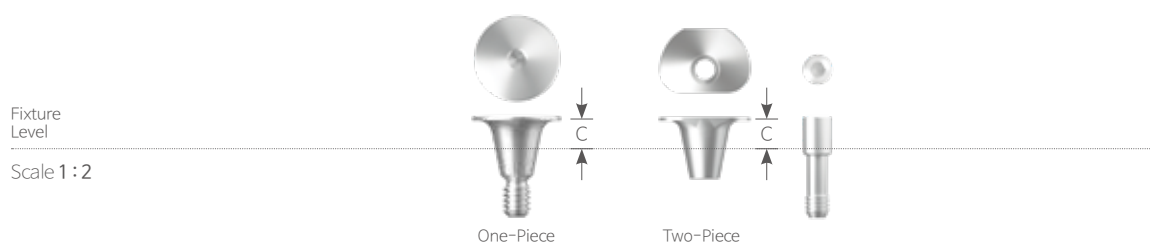
## Bone Forming Cover Screw

► the Bone Forming Cover Screw is then used to cover the bone graft to protect it from your tongue and saliva.

► Make a buccal incision (instead of a midcrestal incision) for better access to keratinized mucosa.

· Concave transmucosal profile make enough space for bone graft.

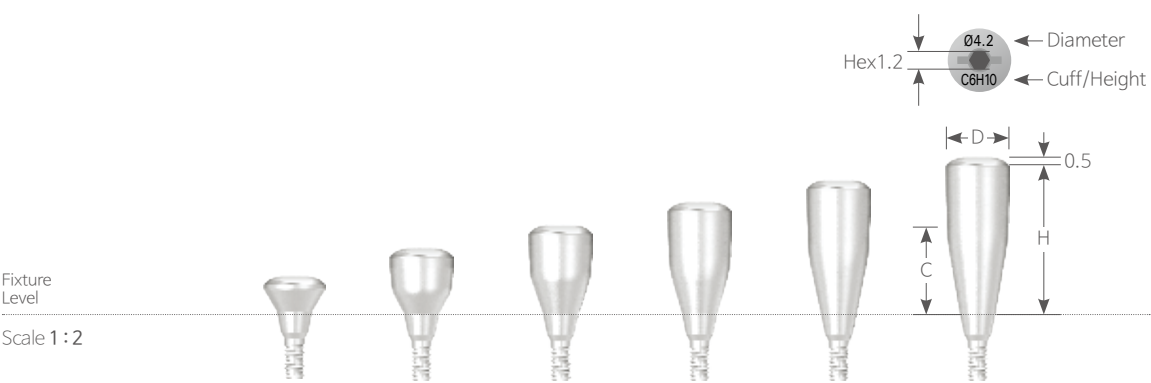
· 2-piece type can be used depending on implant placement and distance from adjacent teeth.



| Fixture Size | Regular                                                                             |                                                                                     |                                                                                      |                                                                                       |
|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Type         | One - Piece                                                                         |                                                                                     | Two - Piece                                                                          |                                                                                       |
|              |  |  |  |  |
| Cuff 1.5     | BFC 6565S                                                                           | BFC 8080S                                                                           | BFC 7060S                                                                            | BFC 8055S                                                                             |
| 3            | BFC 6565L                                                                           | BFC 8080L                                                                           | BFC 7060L                                                                            | BFC 8055L                                                                             |

# Healing Abutment

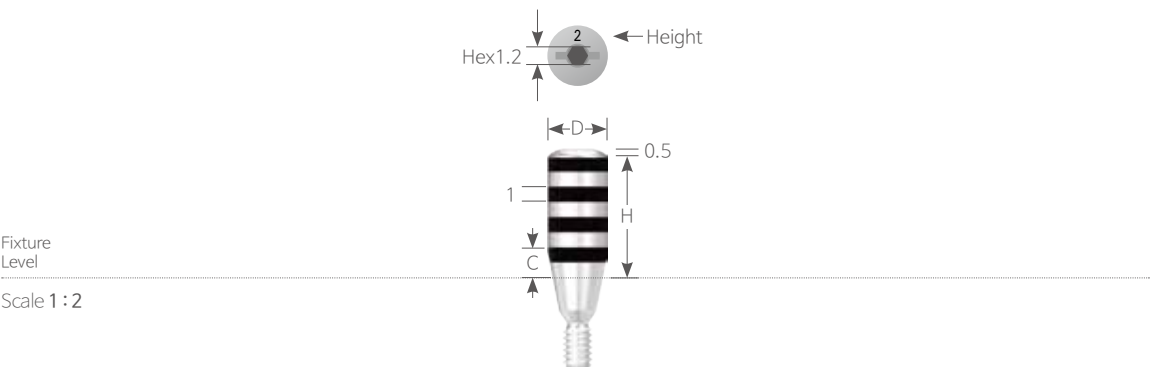
- Uses 1.2 Hex Driver
- Uses 0.5 Slot Driver
- Tightening Torque : 5~8Ncm



| N Hex 1.2    |            | Unit mm   Scale 1 : 1.25                                                            |                                                                                     |                                                                                      |                                                                                       |
|--------------|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Fixture Size |            | Narrow                                                                              |                                                                                     |                                                                                      |                                                                                       |
|              |            | → Ø4.1 ←                                                                            | → Ø4.2 ←                                                                            | → Ø4.6 ←                                                                             | → Ø4.7 ←                                                                              |
|              |            |  |  |  |  |
| Cuff 2       | Height 2   | UNSHA 4020                                                                          | -                                                                                   | UNSHA 4520                                                                           | -                                                                                     |
| Cuff 2       | Height 4   | -                                                                                   | UNSHA 4024                                                                          | -                                                                                    | UNSHA 4524                                                                            |
| Cuff 3       | Height 5.5 | -                                                                                   | UNSHA 4035                                                                          | -                                                                                    | UNSHA 4535                                                                            |
| Cuff 4       | Height 7   | -                                                                                   | UNSHA 4047                                                                          | -                                                                                    | UNSHA 4547                                                                            |
| Cuff 5       | Height 8.5 | -                                                                                   | UNSHA 4058                                                                          | -                                                                                    | UNSHA 4558                                                                            |
| Cuff 6       | Height 10  | -                                                                                   | UNSHA 4060                                                                          | -                                                                                    | UNSHA 4560                                                                            |

# Healing Abutment

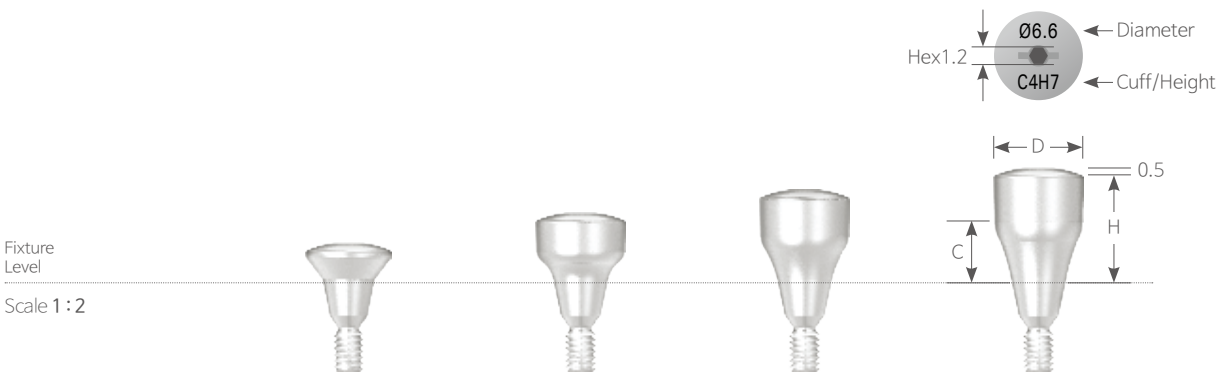
- ▶ Used for small diameter abutment like Ball abutment
- ▶ Used if the fixture is deeply placed
- Uses 1.2 Hex Driver
- Uses 0.5 Slot Driver
- Tightening Torque : 5~8Ncm



|                    |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| R W D Ø4.0 Hex 1.2 |                                                                                     | Unit mm   Scale 1 : 1.25                                                            |                                                                                       |                                                                                       |
| Fixture Size       | Regular • Wide                                                                      |                                                                                     |                                                                                       |                                                                                       |
| Heigth             | 2                                                                                   | 4                                                                                   | 6                                                                                     | 8                                                                                     |
|                    |  |  |  |  |
| Cuff 2             | SSHA 4020                                                                           | SSHA 4040                                                                           | SSHA 4060                                                                             | SSHA 4080                                                                             |

# Healing Abutment

- Uses 1.2 Hex Driver
- Uses 0.5 Slot Driver
- Tightening Torque : 5~8Ncm



R

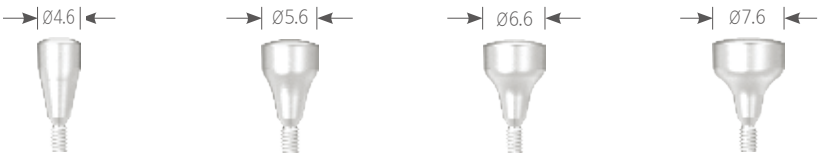
W

Hex 1.2

Unit mm | Scale 1 : 1.25

Fixture Size

Regular · Wide

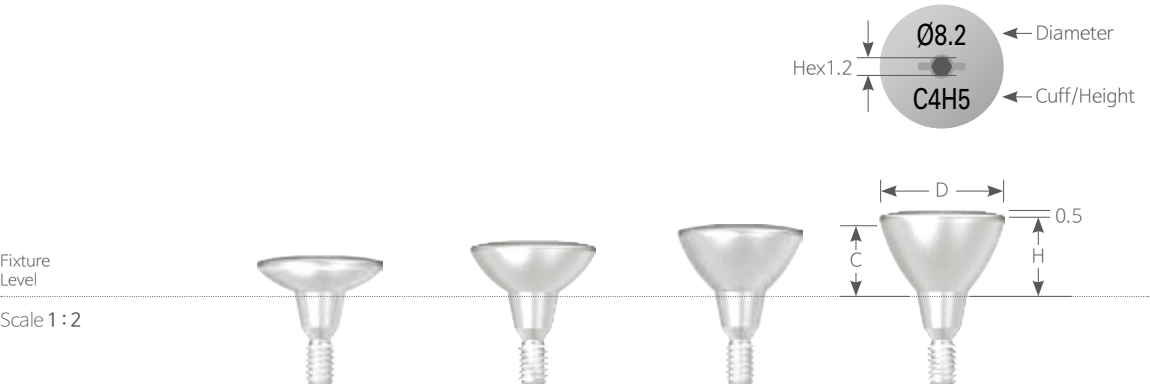


|        |            |           |           |           |           |
|--------|------------|-----------|-----------|-----------|-----------|
| Cuff 2 | Height 2   | SSHA 4520 | SSHA 5520 | SSHA 6520 | SSHA 7520 |
| Cuff 2 | Height 4   | SSHA 4524 | SSHA 5524 | SSHA 6524 | SSHA 7524 |
| Cuff 3 | Height 5.5 | SSHA 4535 | SSHA 5535 | SSHA 6535 | SSHA 7535 |
| Cuff 4 | Height 7   | SSHA 4547 | SSHA 5547 | SSHA 6547 | SSHA 7547 |

# Healing Abutment

► Used for making the desired emergence profile.

- Caution
  - ① Connect the screw using 1.2 hex driver and hand-tighten (5~8Ncm)
  - ② Organized by diameter and height, the healing abutments can be selected according to the needs and requirements of a particular clinical case.
    - Gum Extension to secure an emergency profile in the posterior region, or components for minimizing inflammation response due to gingival compression during custom abutment production.
      - ※ When connecting the cover screw and healing abutment, the screw can be separated easily by applying antibiotics functioning as lubricant. (Antibiotics: Minocline, Periocline, etc.)
- Uses 1.2 Hex Driver
- Uses 0.5 Slot Driver
- Tightening Torque : 5~8Ncm



|              |  |                          |  |
|--------------|--|--------------------------|--|
| R W Hex 1.2  |  | Unit mm   Scale 1 : 1.25 |  |
| Fixture Size |  | Regular . Wide           |  |

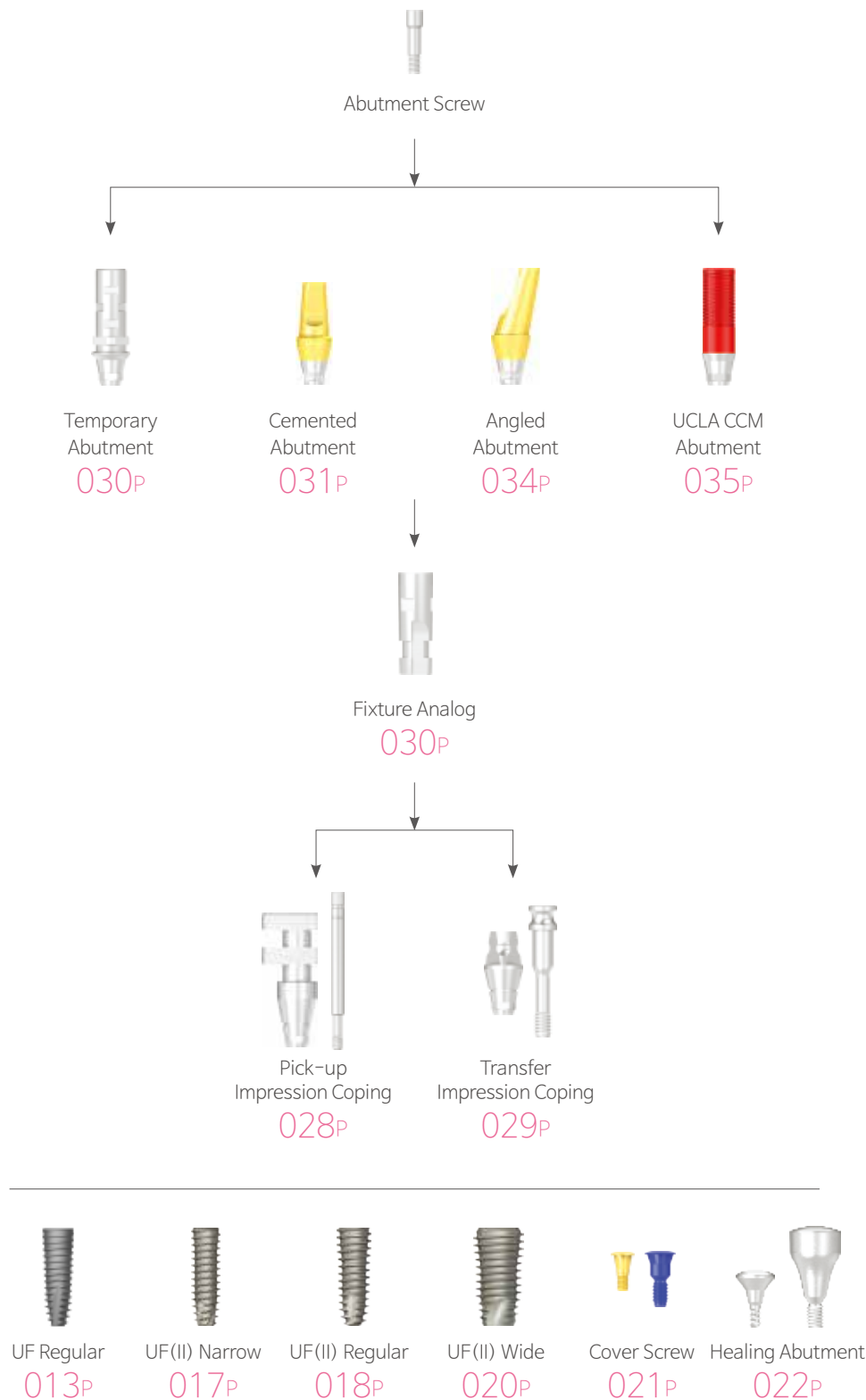
|        |          |                                                                                     |           |                                                                                       |           |
|--------|----------|-------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|-----------|
|        |          |  |           |  |           |
| Cuff 1 | Height 2 |                                                                                     | SSHA 8212 |                                                                                       | SSHA 9212 |
| Cuff 2 | Height 3 |                                                                                     | SSHA 8223 |                                                                                       | SSHA 9223 |
| Cuff 3 | Height 4 |                                                                                     | SSHA 8234 |                                                                                       | SSHA 9234 |
| Cuff 4 | Height 5 |                                                                                     | SSHA 8245 |                                                                                       | SSHA 9245 |



# Cement / Screw – Retained Restorations

Temporary / Cemented / Angled / UCLA Abutment

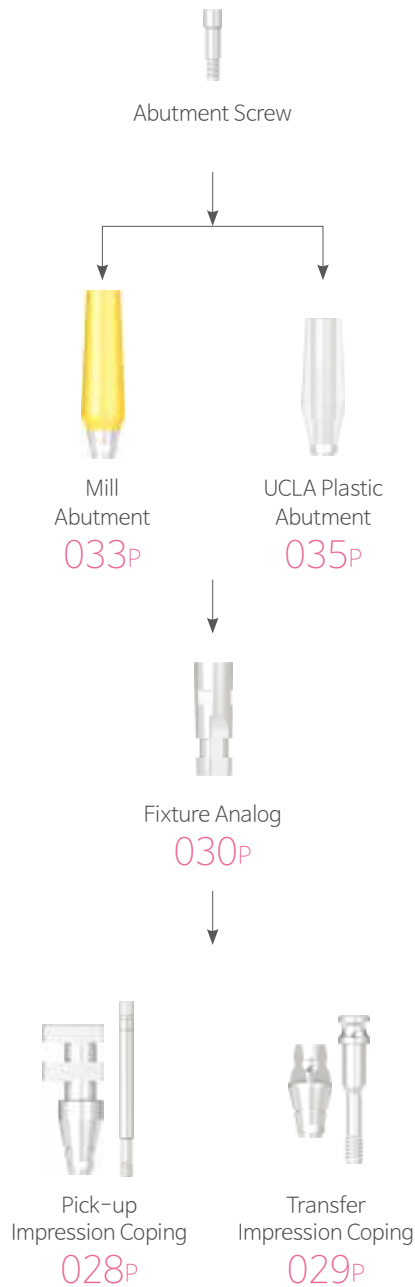
Fixture - **N R W**



# Cement / Screw – Retained Restorations

Mill / UCLA Abutment

Fixture - **R** **W**



UF Regular  
013P



UF(II) Regular  
018P



UF(II) Wide  
020P



Cover Screw  
021P



Healing Abutment  
022P

# Abutment Components

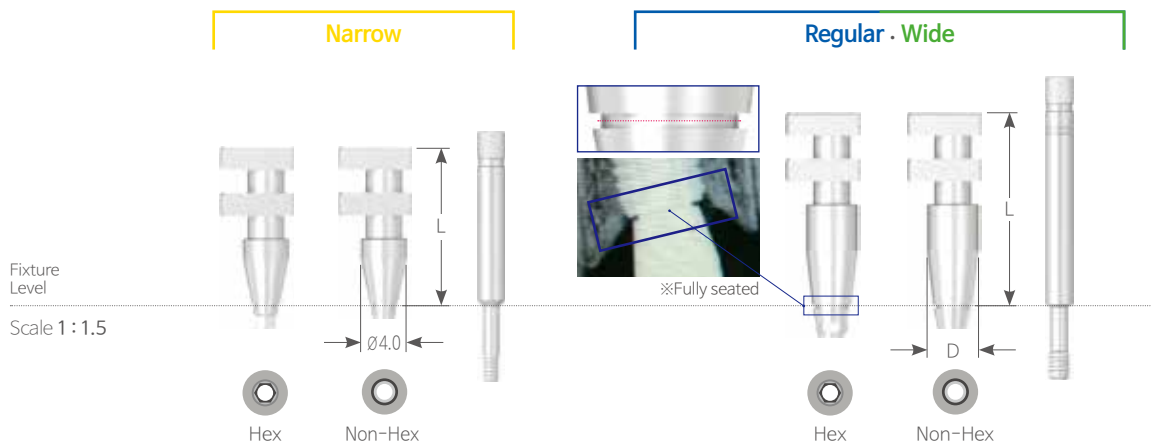
## Pick-up Impression Coping

Hex Non-Hex

► Open tray is used for pick-up type of impression taking.

· Uses 1.2 Hex Driver

· Packing Unit : Pick-up Impression Coping + Guide Pin



| N R W Hex    |             | Unit mm    |                |            |            |            |           |
|--------------|-------------|------------|----------------|------------|------------|------------|-----------|
| Fixture Size | Narrow      |            | Regular · Wide |            |            |            |           |
| Diameter     | Ø4.0        | Guide Pin  | Ø4.0           | Ø4.5       | Ø5.5       | Ø6.5       | Guide Pin |
| Length 09    | -           | -          | SSPI 4009H     | SSPI 4509H | SSPI 5509H | SSPI 6509H | SSG 2021  |
| 12           | UNSPI 4012H | UNSSG 1422 | -              | -          | -          | -          | -         |
| 13           | -           | -          | SSPI 4013H     | SSPI 4513H | SSPI 5513H | SSPI 6513H | SSG 2026  |
| 14           | UNSPI 4014H | UNSSG 1422 | -              | -          | -          | -          | -         |
| 16           | UNSPI 4016H | UNSSG 1425 | -              | -          | -          | -          | -         |
| 17           | -           | -          | SSPI 4017H     | SSPI 4517H | SSPI 5517H | SSPI 6517H | SSG 2329  |
| 19           | -           | -          | SSPI 4019H     | SSPI 4519H | SSPI 5519H | SSPI 6519H | SSG 2329  |

| N R W Non-Hex |             | Unit mm    |                |            |            |            |           |
|---------------|-------------|------------|----------------|------------|------------|------------|-----------|
| Fixture Size  | Narrow      |            | Regular · Wide |            |            |            |           |
| Diameter      | Ø4.0        | Guide Pin  | Ø4.0           | Ø4.5       | Ø5.5       | Ø6.5       | Guide Pin |
| Length 09     | -           | -          | SSPI 4009N     | SSPI 4509N | SSPI 5509N | SSPI 6509N | SSG 2021  |
| 12            | UNSPI 4012N | UNSSG 1422 | -              | -          | -          | -          | -         |
| 13            | -           | -          | SSPI 4013N     | SSPI 4513N | SSPI 5513N | SSPI 6513N | SSG 2026  |
| 14            | UNSPI 4014N | UNSSG 1422 | -              | -          | -          | -          | -         |
| 16            | UNSPI 4016N | UNSSG 1425 | -              | -          | -          | -          | -         |
| 17            | -           | -          | SSPI 4017N     | SSPI 4517N | SSPI 5517N | SSPI 6517N | SSG 2329  |
| 19            | -           | -          | SSPI 4019N     | SSPI 4519N | SSPI 5519N | SSPI 6519N | SSG 2329  |

# Abutment Components

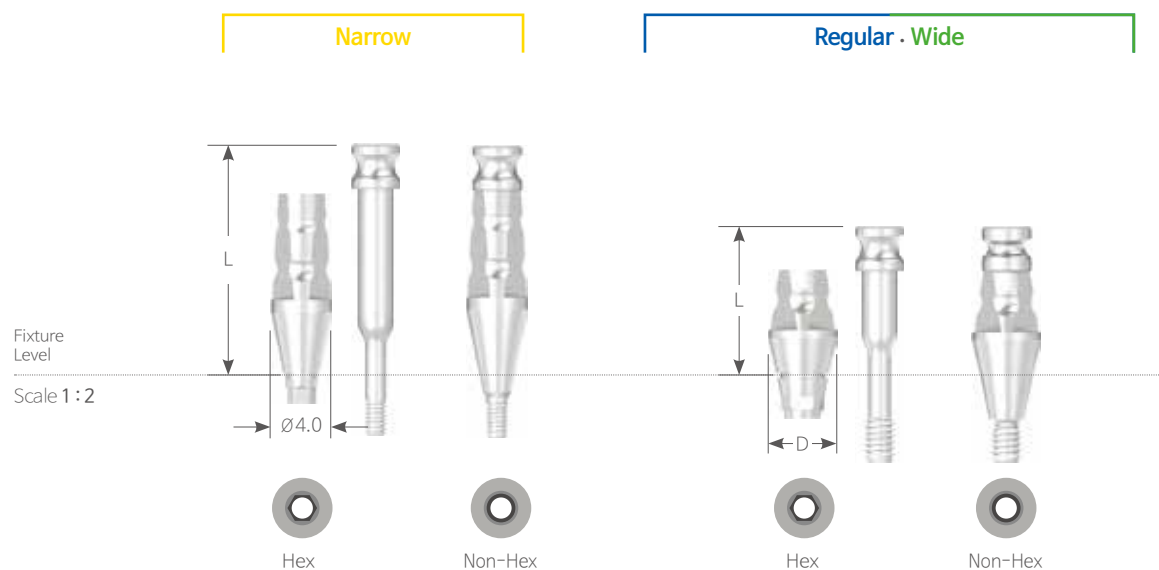
## Transfer Impression Coping

Hex

Non-Hex

► Closed tray is used for transfer type of impression taking.

- Triple sided structure increases quality.
- Uses 1.2 Hex Driver
- Tightening Torque : **N** 20Ncm, **R W** 30~35Ncm
- Hex type is two-piece structure and Non-Hex type is one-piece structure.
- Packing Unit : Transfer Impression Coping + Coping Screw (Hex)  
Transfer Impression Coping (Non-Hex)



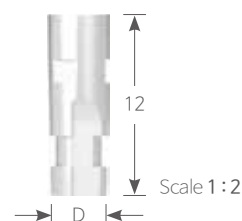
| <b>N R W</b> Hex |             | Unit mm     |                |            |            |            |            |            |
|------------------|-------------|-------------|----------------|------------|------------|------------|------------|------------|
| Fixture Size     | Narrow      |             | Regular · Wide |            |            |            |            |            |
| Diameter         | Ø4.0        | Screw       | Ø4.0           | Ø4.5       | Ø5.5       | Screw      | Ø6.5       | Screw      |
| Length 10        | -           | -           | SSTI 4010H     | SSTI 4510H | SSTI 5510H | SSTI 4015S | SSTI 6510H | SSTI 6515S |
| 13               | UNSTI 4013H | UNSTI 4013S | -              | -          | -          | -          | -          | -          |
| 15               | UNSTI 4015H | UNSTI 4015S | SSTI 4015H     | SSTI 4515H | SSTI 5515H | SSTI 4020S | SSTI 6515H | SSTI 6520S |
| 17               | UNSTI 4017H | UNSTI 4017S | -              | -          | -          | -          | -          | -          |

| <b>N R W</b> Non-Hex |             | Unit mm        |            |            |            |
|----------------------|-------------|----------------|------------|------------|------------|
| Fixture Size         | Narrow      | Regular · Wide |            |            |            |
| Diameter             | Ø4.0        | Ø4.0           | Ø4.5       | Ø5.5       | Ø6.5       |
| Length 10            | -           | SSTI 4010N     | SSTI 4510N | SSTI 5510N | SSTI 6510N |
| 13                   | UNSTI 4013N | -              | -          | -          | -          |
| 15                   | UNSTI 4015N | SSTI 4015N     | SSTI 4515N | SSTI 5515N | SSTI 6515N |
| 17                   | UNSTI 4017N | -              | -          | -          | -          |

# Abutment Components

## Fixture Analog

► Replicates implant for the fabrication of prosthetics on the working model.



|                                                                                                                                                                                                                                                                                                                                                                                       |        |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------|
| <div style="display: flex; align-items: center;"> <div style="background-color: yellow; padding: 2px 5px; margin-right: 2px;">N</div> <div style="background-color: blue; padding: 2px 5px; margin-right: 2px;">R</div> <div style="background-color: green; padding: 2px 5px; margin-right: 2px;">W</div> </div> Length 12 <span style="float: right;">Unit:mm   Scale 1:1.25</span> |        |                |
| Fixture Size                                                                                                                                                                                                                                                                                                                                                                          | Narrow | Regular · Wide |
| Diameter                                                                                                                                                                                                                                                                                                                                                                              | Ø3.0   | Ø4.0           |



UNSFA 3012



SSFA 4012

## Temporary Abutment

Hex

Non-Hex

► Used when temporary prosthesis is made

- Hex / Non-Hex Type
- Uses 1.2 Hex Driver
- Packing Unit : Abutment + Abutment Screw
- Tightening Torque : 

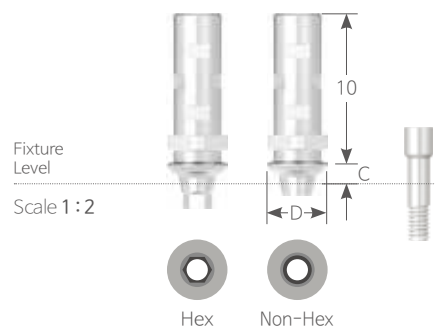
N

 20Ncm, 

R

W

 30~35Ncm



|                                                                                                                                                                                                                                                                                                                                                                                       |                  |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------|
| <div style="display: flex; align-items: center;"> <div style="background-color: yellow; padding: 2px 5px; margin-right: 2px;">N</div> <div style="background-color: blue; padding: 2px 5px; margin-right: 2px;">R</div> <div style="background-color: green; padding: 2px 5px; margin-right: 2px;">W</div> </div> Length 10 <span style="float: right;">Unit:mm   Scale 1:1.25</span> |                  |                  |
| Fixture Size                                                                                                                                                                                                                                                                                                                                                                          | Narrow           | Regular · Wide   |
| Diameter                                                                                                                                                                                                                                                                                                                                                                              | Ø4.0             | Ø4.5             |
| Type                                                                                                                                                                                                                                                                                                                                                                                  | Hex      Non-Hex | Hex      Non-Hex |



Cuff 1 | UNSTA 4010H [H]



UNSTA 4010N [H]



SSTA 4510H [H]



SSTA 4510N [H]

3 | UNSTA 4030H [H]

UNSTA 4030N [H]

SSTA 4530H [H]

SSTA 4530N [H]

Abut. Screw | UNSAS 1407H [H]

UNSAS 1407H [H]

SSC 2008H

SSC 2008H

# Cemented Abutment

Hex

Non-Hex

## ► For cement retained prosthesis

- Gold colored gingival area for esthetic purpose
- Uses 1.2 Hex Driver
- Compatible with Solid Abutment Impression Cap
- Packing Unit : Abutment + Abutment Screw ( **N** UNSAS 1407H, **R W** Ø4.5 – SSC 2008SH / Ø5.5~Ø7.5 – SSC 2008H)
- Tightening Torque : **N** 20Ncm, **R W** 30~35Ncm

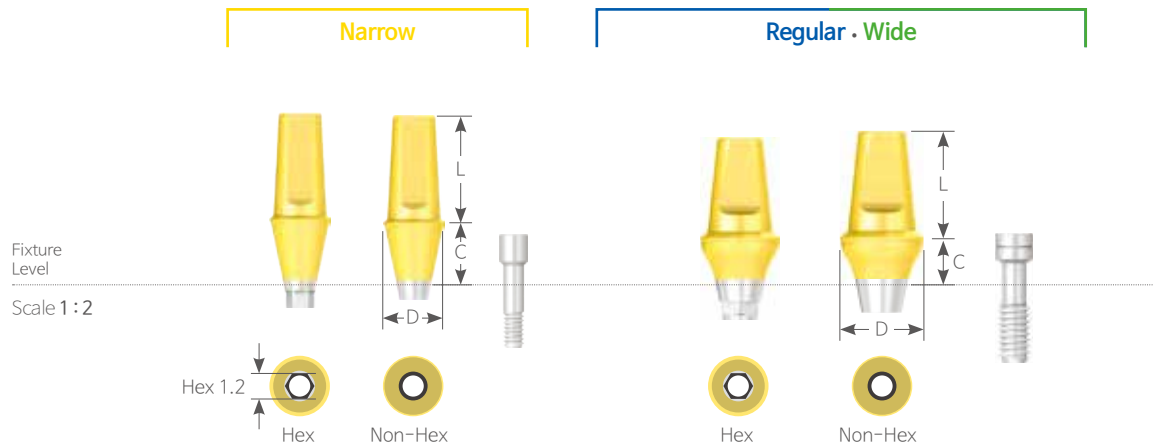
| <b>N</b> <b>R</b> <b>W</b> Hex | Unit mm   Scale 1 : 1.25 |                |      |      |      |
|--------------------------------|--------------------------|----------------|------|------|------|
| Fixture Size                   | Narrow                   | Regular • Wide |      |      |      |
| Diameter                       | Ø4.0                     | Ø4.5           | Ø5.5 | Ø6.5 | Ø7.5 |



| Length 4 |   |                      |                      |                      |                      |
|----------|---|----------------------|----------------------|----------------------|----------------------|
| Cuff 1   | – | SSCA 45104H (II) [H] | SSCA 55104H (II) [H] | SSCA 65104H (II) [H] | SSCA 75104H (II) [H] |
| 2        | – | SSCA 45204H (II) [H] | SSCA 55204H (II) [H] | SSCA 65204H (II) [H] | SSCA 75204H (II) [H] |
| 3        | – | SSCA 45304H (II) [H] | SSCA 55304H (II) [H] | SSCA 65304H (II) [H] | SSCA 75304H (II) [H] |
| 4        | – | SSCA 45404H (II) [H] | SSCA 55404H (II) [H] | SSCA 65404H (II) [H] | SSCA 75404H (II) [H] |
| 5        | – | SSCA 45504H (II) [H] | SSCA 55504H (II) [H] | SSCA 65504H (II) [H] | SSCA 75504H (II) [H] |
| Screw    | – | SSC 2008SH           | SSC 2008H            | SSC 2008H            | SSC 2008H            |

| Length 5.5 |                  |                      |                      |                      |                      |
|------------|------------------|----------------------|----------------------|----------------------|----------------------|
| Cuff 1     | UNSCA 40105H [H] | SSCA 45105H (II) [H] | SSCA 55105H (II) [H] | SSCA 65105H (II) [H] | SSCA 75105H (II) [H] |
| 2          | UNSCA 40205H [H] | SSCA 45205H (II) [H] | SSCA 55205H (II) [H] | SSCA 65205H (II) [H] | SSCA 75205H (II) [H] |
| 3          | UNSCA 40305H [H] | SSCA 45305H (II) [H] | SSCA 55305H (II) [H] | SSCA 65305H (II) [H] | SSCA 75305H (II) [H] |
| 4          | UNSCA 40405H [H] | SSCA 45405H (II) [H] | SSCA 55405H (II) [H] | SSCA 65405H (II) [H] | SSCA 75405H (II) [H] |
| 5          | UNSCA 40505H [H] | SSCA 45505H (II) [H] | SSCA 55505H (II) [H] | SSCA 65505H (II) [H] | SSCA 75505H (II) [H] |
| 6          | UNSCA 40605H [H] | –                    | –                    | –                    | –                    |
| 7          | UNSCA 40705H [H] | –                    | –                    | –                    | –                    |
| Screw      | UNSCA 1407H      | SSC 2008SH           | SSC 2008H            | SSC 2008H            | SSC 2008H            |

| Length 7 |                  |                      |                      |                      |                      |
|----------|------------------|----------------------|----------------------|----------------------|----------------------|
| Cuff 1   | UNSCA 40107H [H] | SSCA 45107H (II) [H] | SSCA 55107H (II) [H] | SSCA 65107H (II) [H] | SSCA 75107H (II) [H] |
| 2        | UNSCA 40207H [H] | SSCA 45207H (II) [H] | SSCA 55207H (II) [H] | SSCA 65207H (II) [H] | SSCA 75207H (II) [H] |
| 3        | UNSCA 40307H [H] | SSCA 45307H (II) [H] | SSCA 55307H (II) [H] | SSCA 65307H (II) [H] | SSCA 75307H (II) [H] |
| 4        | UNSCA 40407H [H] | SSCA 45407H (II) [H] | SSCA 55407H (II) [H] | SSCA 65407H (II) [H] | SSCA 75407H (II) [H] |
| 5        | UNSCA 40507H [H] | SSCA 45507H (II) [H] | SSCA 55507H (II) [H] | SSCA 65507H (II) [H] | SSCA 75507H (II) [H] |
| 6        | UNSCA 40607H [H] | –                    | –                    | –                    | –                    |
| 7        | UNSCA 40707H [H] | –                    | –                    | –                    | –                    |
| Screw    | UNSCA 1407H      | SSC 2008SH           | SSC 2008H            | SSC 2008H            | SSC 2008H            |



### N R W Non-Hex

Unit mm | Scale 1 : 1.25

| Fixture Size | Narrow | Regular • Wide |      |      |      |
|--------------|--------|----------------|------|------|------|
| Diameter     | Ø4.0   | Ø4.5           | Ø5.5 | Ø6.5 | Ø7.5 |



#### Length 4

|        |   |                      |                      |                      |                      |
|--------|---|----------------------|----------------------|----------------------|----------------------|
| Cuff 1 | – | SSCA 45104N (II) [H] | SSCA 55104N (II) [H] | SSCA 65104N (II) [H] | SSCA 75104N (II) [H] |
| 2      | – | SSCA 45204N (II) [H] | SSCA 55204N (II) [H] | SSCA 65204N (II) [H] | SSCA 75204N (II) [H] |
| 3      | – | SSCA 45304N (II) [H] | SSCA 55304N (II) [H] | SSCA 65304N (II) [H] | SSCA 75304N (II) [H] |
| 4      | – | SSCA 45404N (II) [H] | SSCA 55404N (II) [H] | SSCA 65404N (II) [H] | SSCA 75404N (II) [H] |
| 5      | – | SSCA 45504N (II) [H] | SSCA 55504N (II) [H] | SSCA 65504N (II) [H] | SSCA 75504N (II) [H] |
| Screw  | – | SSC 2008SH           | SSC 2008H            | SSC 2008H            | SSC 2008H            |

#### Length 5.5

|        |                  |                      |                      |                      |                      |
|--------|------------------|----------------------|----------------------|----------------------|----------------------|
| Cuff 1 | UNSCA 40105N [H] | SSCA 45105N (II) [H] | SSCA 55105N (II) [H] | SSCA 65105N (II) [H] | SSCA 75105N (II) [H] |
| 2      | UNSCA 40205N [H] | SSCA 45205N (II) [H] | SSCA 55205N (II) [H] | SSCA 65205N (II) [H] | SSCA 75205N (II) [H] |
| 3      | UNSCA 40305N [H] | SSCA 45305N (II) [H] | SSCA 55305N (II) [H] | SSCA 65305N (II) [H] | SSCA 75305N (II) [H] |
| 4      | UNSCA 40405N [H] | SSCA 45405N (II) [H] | SSCA 55405N (II) [H] | SSCA 65405N (II) [H] | SSCA 75405N (II) [H] |
| 5      | UNSCA 40505N [H] | SSCA 45505N (II) [H] | SSCA 55505N (II) [H] | SSCA 65505N (II) [H] | SSCA 75505N (II) [H] |
| 6      | UNSCA 40605N [H] | –                    | –                    | –                    | –                    |
| 7      | UNSCA 40705N [H] | –                    | –                    | –                    | –                    |
| Screw  | UNSAS 1407H      | SSC 2008SH           | SSC 2008H            | SSC 2008H            | SSC 2008H            |

#### Length 7

|        |                  |                      |                      |                      |                      |
|--------|------------------|----------------------|----------------------|----------------------|----------------------|
| Cuff 1 | UNSCA 40107N [H] | SSCA 45107N (II) [H] | SSCA 55107N (II) [H] | SSCA 65107N (II) [H] | SSCA 75107N (II) [H] |
| 2      | UNSCA 40207N [H] | SSCA 45207N (II) [H] | SSCA 55207N (II) [H] | SSCA 65207N (II) [H] | SSCA 75207N (II) [H] |
| 3      | UNSCA 40307N [H] | SSCA 45307N (II) [H] | SSCA 55307N (II) [H] | SSCA 65307N (II) [H] | SSCA 75307N (II) [H] |
| 4      | UNSCA 40407N [H] | SSCA 45407N (II) [H] | SSCA 55407N (II) [H] | SSCA 65407N (II) [H] | SSCA 75407N (II) [H] |
| 5      | UNSCA 40507N [H] | SSCA 45507N (II) [H] | SSCA 55507N (II) [H] | SSCA 65507N (II) [H] | SSCA 75507N (II) [H] |
| 6      | UNSCA 40607N [H] | –                    | –                    | –                    | –                    |
| 7      | UNSCA 40707N [H] | –                    | –                    | –                    | –                    |
| Screw  | UNSAS 1407H      | SSC 2008SH           | SSC 2008H            | SSC 2008H            | SSC 2008H            |

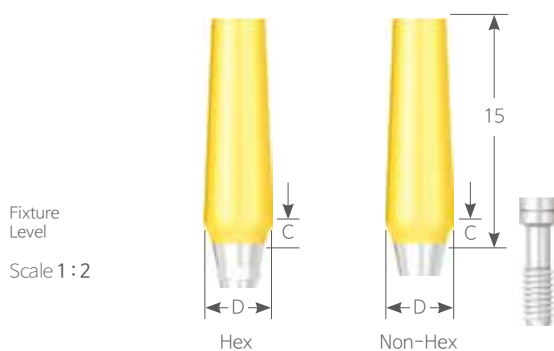


# Mill Abutment

Hex

Non-Hex

- Used when high customization in abutment path and prosthetic margins are needed.
- Abutment of cement retained type that uses dental cement to fix prosthesis in place
- Uses 1.2 Hex Driver
- Packing Unit : Abutment + Abutment Screw (SSC 2008H)
- Tightening Torque : 30~35Ncm



## R W Hex Length 15

Unit mm | Scale 1 : 1.25

| Fixture Size | Regular · Wide |      |      |      |      |
|--------------|----------------|------|------|------|------|
| Diameter     | Ø4.0           | Ø4.5 | Ø5.5 | Ø6.5 | Ø7.5 |
| Cuff         | 1.5            | 2    | 2.5  | 3    | 3    |



SSMA 4015H [H]

SSMA 4520H [H]

SSMA 5525H [H]

SSMA 6530H [H]

SSMA 7530H [H]

## R W Non-Hex Length 15

Unit mm | Scale 1 : 1.25

| Fixture Size | Regular · Wide |      |      |      |      |
|--------------|----------------|------|------|------|------|
| Diameter     | Ø4.0           | Ø4.5 | Ø5.5 | Ø6.5 | Ø7.5 |
| Cuff         | 1.5            | 2    | 2.5  | 3    | 3    |



SSMA 4015N [H]

SSMA 4520N [H]

SSMA 5525N [H]

SSMA 6530N [H]

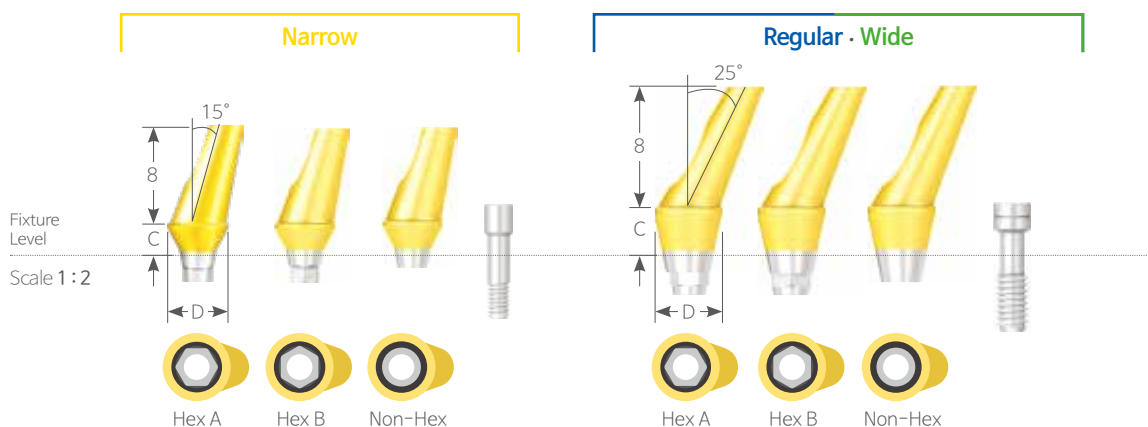
SSMA 7530N [H]

# Angled Abutment

Hex Non-Hex

► Used to modify the fixture's path mainly used for anterior region.

- Depending on the angle slope, it is categorized into 15° and 25° Angled Abutment
- Availability of A type and B type of hex part overcomes the limitation of direction of the abutment
- Gold colored gingival area for esthetic purpose
- Uses 1.2 Hex Driver
- Packing Unit : Abutment + Abutment Screw ( **N** UNSAS 1407H, **R W** SSC 2008H)
- Tightening Torque : **N** 20Ncm, **R W** 30~35Ncm



## **N R W** Hex A Length 8

| Fixture Size | Narrow             | Regular · Wide    |                   |                   |                   |
|--------------|--------------------|-------------------|-------------------|-------------------|-------------------|
| Diameter     | Ø4.0               | Ø4.5              |                   | Ø5.5              |                   |
| Angle        | 15°                | 15°               | 25°               | 15°               | 25°               |
| Cuff 1.5     | -                  | SSAA 451515AH [H] | SSAA 451525AH [H] | SSAA 551515AH [H] | SSAA 551525AH [H] |
| 2.0          | UNSAA 402015AH [H] | SSAA 452015AH [H] | SSAA 452025AH [H] | SSAA 552015AH [H] | SSAA 552025AH [H] |
| 3.0          | -                  | SSAA 453015AH [H] | SSAA 453025AH [H] | SSAA 553015AH [H] | SSAA 553025AH [H] |
| 4.0          | UNSAA 404015AH [H] | SSAA 454015AH [H] | SSAA 454025AH [H] | SSAA 554015AH [H] | SSAA 554025AH [H] |
| 5.0          | -                  | SSAA 455015AH [H] | SSAA 455025AH [H] | SSAA 555015AH [H] | SSAA 555025AH [H] |
| Screw        | UNSAS 1407H        | SSC 2008H         | SSC 2008H         | SSC 2008H         | SSC 2008H         |

## **N R W** Hex B Length 8

| Fixture Size | Narrow             | Regular · Wide    |                   |                   |                   |
|--------------|--------------------|-------------------|-------------------|-------------------|-------------------|
| Cuff 1.5     | -                  | SSAA 451515BH [H] | SSAA 451525BH [H] | SSAA 551515BH [H] | SSAA 551525BH [H] |
| 2.0          | UNSAA 402015BH [H] | SSAA 452015BH [H] | SSAA 452025BH [H] | SSAA 552015BH [H] | SSAA 552025BH [H] |
| 3.0          | -                  | SSAA 453015BH [H] | SSAA 453025BH [H] | SSAA 553015BH [H] | SSAA 553025BH [H] |
| 4.0          | UNSAA 404015BH [H] | SSAA 454015BH [H] | SSAA 454025BH [H] | SSAA 554015BH [H] | SSAA 554025BH [H] |
| 5.0          | -                  | SSAA 455015BH [H] | SSAA 455025BH [H] | SSAA 555015BH [H] | SSAA 555025BH [H] |
| Screw        | UNSAS 1407H        | SSC 2008H         | SSC 2008H         | SSC 2008H         | SSC 2008H         |

## **N R W** Non-Hex Length 8

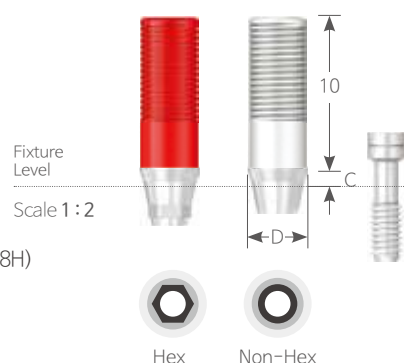
| Fixture Size | Narrow            | Regular · Wide   |                  |                  |                  |
|--------------|-------------------|------------------|------------------|------------------|------------------|
| Cuff 1.5     | -                 | SSAA 451515N [H] | SSAA 451525N [H] | SSAA 551515N [H] | SSAA 551525N [H] |
| 2.0          | UNSAA 402015N [H] | SSAA 452015N [H] | SSAA 452025N [H] | SSAA 552015N [H] | SSAA 552025N [H] |
| 3.0          | -                 | SSAA 453015N [H] | SSAA 453025N [H] | SSAA 553015N [H] | SSAA 553025N [H] |
| 4.0          | UNSAA 404015N [H] | SSAA 454015N [H] | SSAA 454025N [H] | SSAA 554015N [H] | SSAA 554025N [H] |
| 5.0          | -                 | SSAA 455015N [H] | SSAA 455025N [H] | SSAA 555015N [H] | SSAA 555025N [H] |
| Screw        | UNSAS 1407H       | SSC 2008H        | SSC 2008H        | SSC 2008H        | SSC 2008H        |

# UCLA Abutment

## UCLA CCM Abutment

Hex Non-Hex

- After the customization, **non-precious metal alloy will be casted only.**
- Uses 1.2 Hex Driver
- Packing Unit : Abutment + Abutment Screw ( **N** UNSAS 1407H, **R W** SSC 2008H)
- Tightening Torque : **N** 20Ncm, **R W** 30~35Ncm



**N R W** Length 10

Unit mm | Scale 1 : 1.25

| Fixture Size | Narrow |         | Regular · Wide |         |      |         |
|--------------|--------|---------|----------------|---------|------|---------|
| Diameter     | Ø4.0   | Ø4.0    | Ø4.0           | Ø4.0    | Ø4.5 | Ø4.5    |
| Hex          | Hex    | Non-Hex | Hex            | Non-Hex | Hex  | Non-Hex |

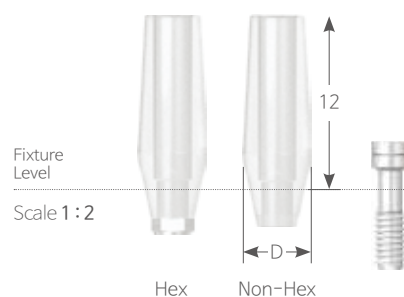


|        |                  |                  |                |                |                |                |
|--------|------------------|------------------|----------------|----------------|----------------|----------------|
| Cuff 1 | UNSCCA 4010H [H] | UNSCCA 4010N [H] | CCSS 4010H [H] | CCSS 4010N [H] | CCSS 4510H [H] | CCSS 4510N [H] |
| 3      | UNSCCA 4030H [H] | UNSCCA 4030N [H] | -              | -              | CCSS 4530H [H] | CCSS 4530N [H] |

## UCLA Plastic Abutment

Hex Non-Hex

- After the customization, **non-precious metal alloy will be casted only.**
- Uses 1.2 Hex Driver
- Packing Unit : Abutment + Abutment Screw(Hex) (SSC 2008H)
- Tightening Torque : Tightening smoothly before casting,  
30~35Ncm after casting



**R W** Length 12

Unit mm | Scale 1 : 1.25

| Fixture Size | Regular · Wide |         |      |         |
|--------------|----------------|---------|------|---------|
| Diameter     | Ø4.5           | Ø4.5    | Ø5.5 | Ø5.5    |
| Type         | Hex            | Non-Hex | Hex  | Non-Hex |



SSPA 4512H [H]

SSPA 4512N [H]

SSPA 5512H [H]

SSPA 5512N [H]

# Cement – Retained Restorations

## Solid Abutment

Fixture - **N R W**



Plastic Coping

039P



Solid Abutment Analog

039P



Impression Cap

038P



Solid Abutment

037P



Protect Cap

038P



UF Regular

013P



UF(II) Narrow

017P



UF(II) Regular

018P



UF(II) Wide

020P



Cover Screw

021P



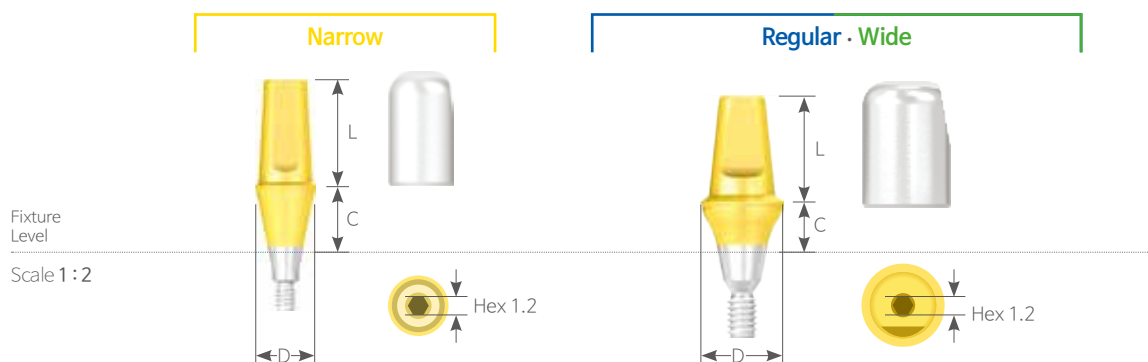
Healing Abutment

022P

# Solid Abutment

► Abutment of cement retained type that uses dental cement to fix prosthesis in place

- Abutment and screw are in one-piece structure.
- Taking impression at abutment level.
- Gold colored gingival area for esthetic purpose
- Uses 1.2 Hex Driver / Solid Abutment Driver
- Packing Unit : Abutment + Protect Cap
- Tightening Torque : **N** 20Ncm, **R W** 30~35Ncm



**N R W**

Unit mm | Scale 1 : 1.25

| Fixture Size | Narrow | Regular · Wide |      |      |      |
|--------------|--------|----------------|------|------|------|
| Diameter     | Ø4.0   | Ø4.5           | Ø5.5 | Ø6.5 | Ø7.5 |



|                 |   |            |            |            |            |
|-----------------|---|------------|------------|------------|------------|
| Length 4 Cuff 1 | – | SSSA 45104 | SSSA 55104 | SSSA 65104 | SSSA 75104 |
| 2               | – | SSSA 45204 | SSSA 55204 | SSSA 65204 | SSSA 75204 |
| 3               | – | SSSA 45304 | SSSA 55304 | SSSA 65304 | SSSA 75304 |
| 4               | – | SSSA 45404 | SSSA 55404 | SSSA 65404 | SSSA 75404 |
| 5               | – | SSSA 45504 | SSSA 55504 | SSSA 65504 | SSSA 75504 |

|                   |             |            |            |            |            |
|-------------------|-------------|------------|------------|------------|------------|
| Length 5.5 Cuff 1 | UNSSA 40105 | SSSA 45105 | SSSA 55105 | SSSA 65105 | SSSA 75105 |
| 2                 | UNSSA 40205 | SSSA 45205 | SSSA 55205 | SSSA 65205 | SSSA 75205 |
| 3                 | UNSSA 40305 | SSSA 45305 | SSSA 55305 | SSSA 65305 | SSSA 75305 |
| 4                 | UNSSA 40405 | SSSA 45405 | SSSA 55405 | SSSA 65405 | SSSA 75405 |
| 5                 | UNSSA 40505 | SSSA 45505 | SSSA 55505 | SSSA 65505 | SSSA 75505 |
| 6                 | UNSSA 40605 | –          | –          | –          | –          |
| 7                 | UNSSA 40705 | –          | –          | –          | –          |

|                 |             |            |            |            |            |
|-----------------|-------------|------------|------------|------------|------------|
| Length 7 Cuff 1 | UNSSA 40107 | SSSA 45107 | SSSA 55107 | SSSA 65107 | SSSA 75107 |
| 2               | UNSSA 40207 | SSSA 45207 | SSSA 55207 | SSSA 65207 | SSSA 75207 |
| 3               | UNSSA 40307 | SSSA 45307 | SSSA 55307 | SSSA 65307 | SSSA 75307 |
| 4               | UNSSA 40407 | SSSA 45407 | SSSA 55407 | SSSA 65407 | SSSA 75407 |
| 5               | UNSSA 40507 | SSSA 45507 | SSSA 55507 | SSSA 65507 | SSSA 75507 |
| 6               | UNSSA 40607 | –          | –          | –          | –          |
| 7               | UNSSA 40707 | –          | –          | –          | –          |

# Solid Abutment Components

## Protect Cap

- Used to protect abutment in the patient’s mouth and minimize discomfort for the patient.
- Can be applied to substructure of temporary prosthesis.
- Convenient locking mechanism.

Narrow

Regular · Wide




N

R

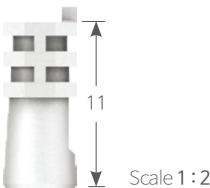
W

Unit mm | Scale 1 : 2

| Fixture Size   | Narrow     | Regular · Wide |           |           |           |  |
|----------------|------------|----------------|-----------|-----------|-----------|--|
| Abut. Diameter | Ø4.0       | Ø4.5           | Ø5.5      | Ø6.5      | Ø7.5      |  |
| Abut. Length 4 | UNSAC 4004 | SSAC 4504      | SSAC 5504 | SSAC 6504 | SSAC 7504 |  |
| 5.5            | UNSAC 4005 | SSAC 4505      | SSAC 5505 | SSAC 6505 | SSAC 7505 |  |
| 7              | UNSAC 4007 | SSAC 4507      | SSAC 5507 | SSAC 6507 | SSAC 7507 |  |

## Impression Cap

- Used for taking impression of Solid Abutment.
- Different coloring provides easy identification for abutment diameter.
- Convenient locking mechanism.



|                | N                                                                                   |                                                                                     | R                                                                                   | W                                                                                     | Length 11                                                                             | Unit mm   Scale 1 : 1.25 |  |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------|--|
| Fixture Size   | Narrow                                                                              |                                                                                     | Regular · Wide                                                                      |                                                                                       |                                                                                       |                          |  |
| Abut. Diameter | Ø4.0                                                                                | Ø4.5                                                                                | Ø5.5                                                                                | Ø6.5                                                                                  | Ø7.5                                                                                  |                          |  |
|                |  |  |  |  |  |                          |  |
|                | UNSAI 4011                                                                          | SSAI 4511                                                                           | SSAI 5511                                                                           | SSAI 6511                                                                             | SSAI 7511                                                                             |                          |  |

## Solid Abutment Analog

- Solid Abutment is formed on working model.
- Different coloring provides easy identification for abutment diameter.



Scale 1 : 2

**N R W**

Unit mm | Scale 1 : 1.25

| Fixture Size   | Narrow | Regular · Wide |      |      |      |
|----------------|--------|----------------|------|------|------|
| Abut. Diameter | Ø4.0   | Ø4.5           | Ø5.5 | Ø6.5 | Ø7.5 |



|                |             |           |           |           |           |
|----------------|-------------|-----------|-----------|-----------|-----------|
| Abut. Length 4 | –           | SSAA 4504 | SSAA 5504 | SSAA 6504 | SSAA 7504 |
| 5.5            | UNSSAA 4005 | SSAA 4505 | SSAA 5505 | SSAA 6505 | SSAA 7505 |
| 7              | UNSSAA 4007 | SSAA 4507 | SSAA 5507 | SSAA 6507 | SSAA 7507 |

## Plastic Coping

► Can be used as prosthesis' frame work by installing Solid Abutment Analog.

- Different coloring provides easy identification on types of case.

**Narrow**
**Regular · Wide**


Single



Bridge



Single



Bridge

**N R W**

Length 10

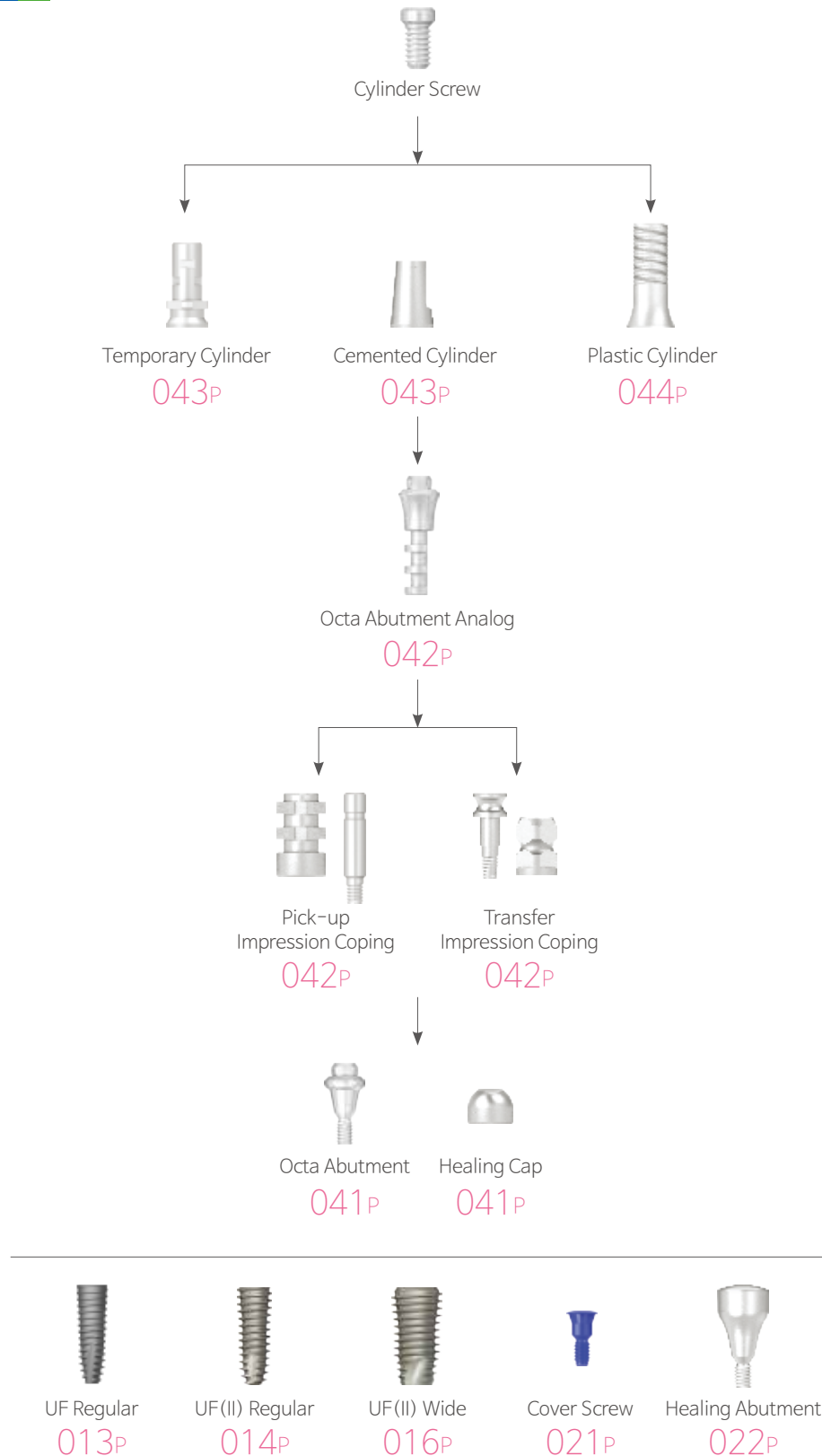
Unit mm | Scale 1 : 2

| Fixture Size   | Narrow      | Regular · Wide |            |            |            |
|----------------|-------------|----------------|------------|------------|------------|
| Abut. Diameter | Ø4.0        | Ø4.5           | Ø5.5       | Ø6.5       | Ø7.5       |
| ● Single       | UNSAP 4010S | SSAP 4510S     | SSAP 5510S | SSAP 6510S | SSAP 7510S |
| ○ Bridge       | UNSAP 4010B | SSAP 4510B     | SSAP 5510B | SSAP 6510B | SSAP 7510B |

# Cement / Screw – Retained Restorations

## Octa Abutment

Fixture - **R** **W**

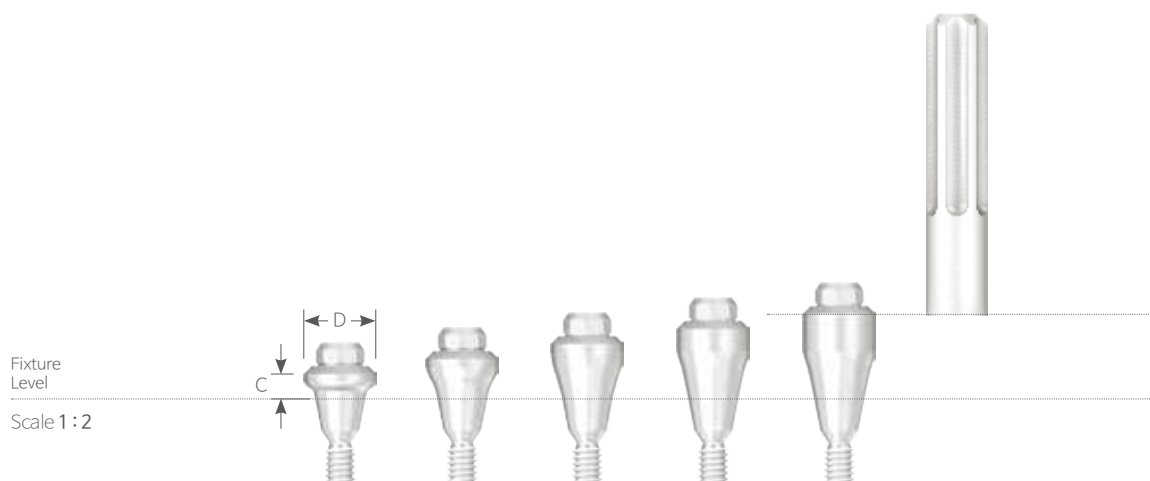




# Octa Abutment

► Used to create screw retained prosthesis on poor path bridge case.

- Convert internal connection to external connection, and then use cylinder on it for prosthesis.
- Uses Octa Abutment Driver (HD 3006A-Short / HD 3012A-Long)
- Packing Unit : Octa Abutment + Abutment Holder (SSOAH 4020) (Convenient to install in patient's Mouth)
- Tightening Torque : 30~35Ncm



| R W          |  | Unit mm   Scale 1 : 2 |           |           |
|--------------|--|-----------------------|-----------|-----------|
| Fixture Size |  | Regular · Wide        |           |           |
| Diameter     |  | Ø4.8                  | Ø6.0      | Ø6.5      |
| Cuff 1.5     |  | SSOA 4815             | SSOA 6015 | SSOA 6515 |
| 2.5          |  | SSOA 4825             | SSOA 6025 | SSOA 6525 |
| 3.5          |  | SSOA 4835             | SSOA 6035 | SSOA 6535 |
| 4.5          |  | SSOA 4845             | SSOA 6045 | SSOA 6545 |
| 5.5          |  | SSOA 4855             | SSOA 6055 | SSOA 6555 |

## Healing Cap

► To protect Octa Abutment in oral, and minimize the discomfort for patient.

- Uses 1.2 Hex Driver
- Packing Unit : Healing Cap + Cylinder Screw (STI 2004H)
- Tightening Torque : 20Ncm



| R W            |  | Unit mm   Scale 1 : 2 |              |              |
|----------------|--|-----------------------|--------------|--------------|
| Fixture Size   |  | Regular · Wide        |              |              |
| Abut. Diameter |  | Ø4.8                  | Ø6.0         | Ø6.5         |
|                |  | HCI 48504[H]          | HCI 60704[H] | HCI 65704[H] |

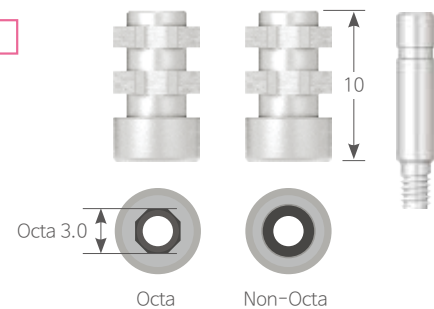
# Octa Abutment Components

## Pick-up Impression Coping

Octa Non-Octa

► Open tray is used for pick-up type of impression taking.

- Asymmetry structure to minimize close interruption
- Uses 1.2 Hex Driver
- Packing Unit : Pick-up Impression Coping + Guide Pin (POI 2610)

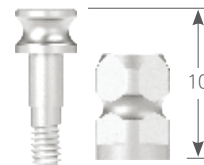


|                                               |                |                     |            |
|-----------------------------------------------|----------------|---------------------|------------|
| <div><div>R</div><div>W</div></div> Length 10 |                | Unit mm   Scale 1:2 |            |
| Fixture Size                                  | Regular · Wide |                     |            |
| Abut. Diameter                                | Ø4.8           | Ø6.0                | Ø6.5       |
| Octa                                          | IPI 48610      | IPI 60710           | IPI 65710  |
| Non-Octa                                      | IPI 48610N     | IPI 60710N          | IPI 65710N |

## Transfer Impression Coping

► Closed tray is used for transfer type of impression taking.

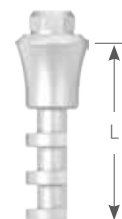
- Double sided structure which elevates the quality
- Uses 1.2 Hex Driver
- Packing Unit : Transfer Impression Coping + Coping Screw (IOTI 48010S)



|                                               |                |                     |            |  |
|-----------------------------------------------|----------------|---------------------|------------|--|
| <div><div>R</div><div>W</div></div> Length 10 |                | Unit mm   Scale 1:2 |            |  |
| Fixture Size                                  | Regular · Wide |                     |            |  |
| Abut. Diameter                                | Ø4.8           | Ø6.0                | Ø6.5       |  |
|                                               | IOTI 48010     | IOTI 60010          | IOTI 65010 |  |

## Octa Abutment Analog

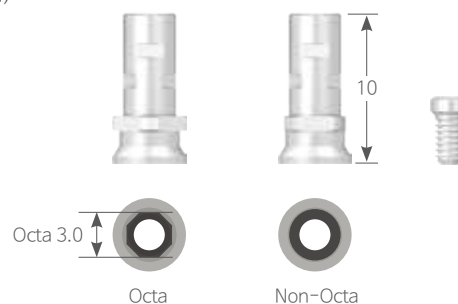
► Replicates Octa Abutment for fabrication of prosthetics on the working model.



|                |                |                     |           |  |
|----------------|----------------|---------------------|-----------|--|
| <div>RW</div>  |                | Unit mm   Scale 1:2 |           |  |
| Fixture Size   | Regular · Wide |                     |           |  |
| Abut. Diameter | Ø4.8           | Ø6.0                | Ø6.5      |  |
| Length 10      | –              | RCI 60014           | –         |  |
| 12             | RCI 48014      | –                   | RCI 65014 |  |

## Temporary Cylinder Octa Non-Octa

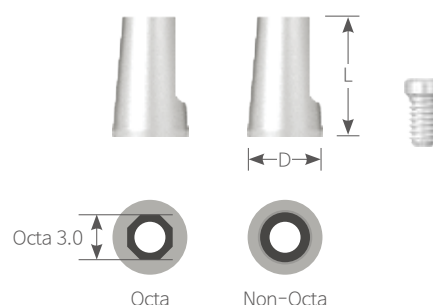
- Uses 1.2 Hex Driver
- Packing Unit : Temporary Cylinder + Cylinder Screw (STI 2004H)
- Tightening Torque : 20Ncm



|                                               |                       |                |                |
|-----------------------------------------------|-----------------------|----------------|----------------|
| <div><div>R</div><div>W</div></div> Length 10 | Unit mm   Scale 1 : 2 |                |                |
| Fixture Size                                  | Regular · Wide        |                |                |
| Abut. Diameter                                | Ø4.8                  | Ø6.0           | Ø6.5           |
| Octa                                          | ITC 48010 [H]         | ITC 60010 [H]  | ITC 65010 [H]  |
| Non-Octa                                      | ITC 48010N [H]        | ITC 60010N [H] | ITC 65010N [H] |

## Cemented Cylinder Octa Non-Octa

- Uses 1.2 Hex Driver
- Packing Unit : Cemented Cylinder + Cylinder Screw (Hex) (STI 2004H)
- Tightening Torque : 20Ncm

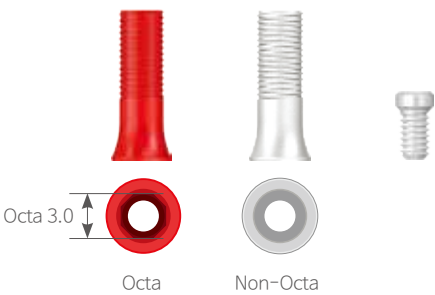


| <div>R</div> <div>W</div> |                | Unit mm   Scale 1 : 2 |                |                |
|---------------------------|----------------|-----------------------|----------------|----------------|
| Fixture Size              | Regular · Wide |                       |                |                |
| Abut. Diameter            | Ø4.8           | Ø4.8                  | Ø6.0           | Ø6.5           |
| Cylinder Diameter         | Ø5.0           | Ø5.8                  | Ø6.4           | Ø6.9           |
| Length                    | 8              | 8                     | 9              | 9              |
| Octa                      | ICC 48508 [H]  | ICC 48588 [H]         | ICC 60649 [H]  | ICC 65309 [H]  |
| Non-Octa                  | ICC 48508N [H] | ICC 48588N [H]        | ICC 60649N [H] | ICC 65309N [H] |

# Octa Abutment Components

## Plastic Cylinder Octa Non-Octa

- After the customization, **non-precious metal alloy will be casted only.**
- Uses 1.2 Hex Driver
- Packing Unit : Plastic Cylinder + Cylinder Screw(STI 2004H)
- Tightening Torque : 20Ncm



| <span>R</span> <span>W</span> |                | Unit mm   Scale 1 : 2 |            |  |
|-------------------------------|----------------|-----------------------|------------|--|
| Fixture Size                  | Regular · Wide |                       |            |  |
| Abut. Diameter                | Ø4.8           | Ø6.0                  | Ø6.5       |  |
| Octa ●                        | API 48514      | API 60714             | API 65714  |  |
| Non-Octa ○                    | API 48514N     | API 60714N            | API 65714N |  |

# Surgical Tool

## Abutment Driver

- Only uses Octa Abutment

● Sold separately  
Unit mm | Scale 1 : 1

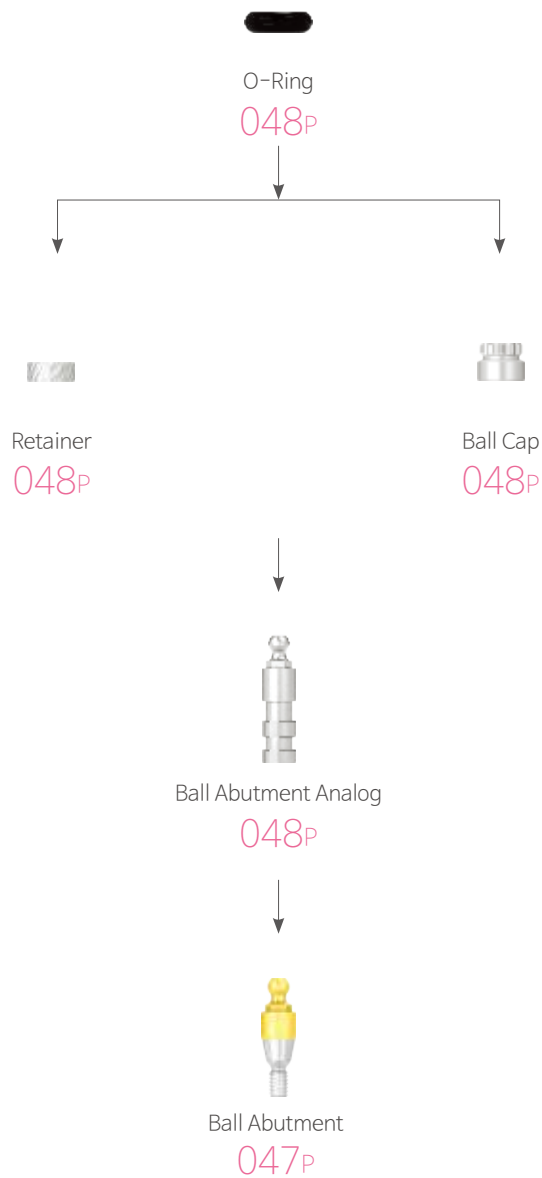
| <span>K</span> | Type | Short    | Long     |
|----------------|------|----------|----------|
|                | Code | HD 3006A | HD 3012A |



# Overdenture Restorations

## Ball Abutment : O-Ring

Fixture - **R** **W**



UF Regular  
013P



UF(II) Regular  
018P



UF(II) Wide  
020P



Cover Screw  
021P



Healing Abutment  
022P

# Overdenture Restorations

Ball Abutment : OT Cap / Locator

Fixture - **N R W**



Stainless Steel Housing

049P



OT Cap

049P



Ball Abutment Analog

048P



Ball Abutment

047P



Denture Cap

052P



Male

051P



Locator

050P



UF Regular

013P



UF(II) Narrow

017P



UF(II) Regular

018P



UF(II) Wide

020P



Cover Screw

021P



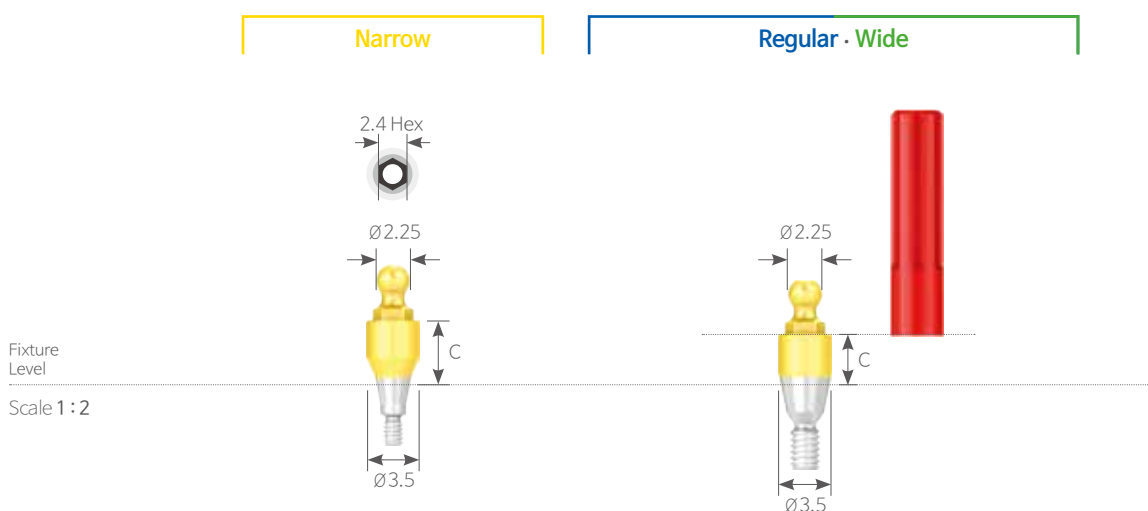
Healing Abutment

022P

# Ball Abutment

► Used to create overdenture for edentulous patient.

- Gold colored gingival area for esthetic purpose
- Path recovery to the maximum of 20°
- Uses Ball Abutment Driver (HD 2406A, HD 2412A)
- Packing Unit : Ball Abutment + Abutment Holder (BAH 3520 + Abutment Holder is convenient to install in patient's mouth)  
+ O-Ring (OR 04500)
- Tightening Torque : **N** 20Ncm, **RW** 30~35Ncm



| <b>N R W</b> |                   |                  | Unit mm |
|--------------|-------------------|------------------|---------|
| Fixture Size | Narrow            | Regular · Wide   |         |
| Diameter     | Ø3.5              | Ø3.5             |         |
| Cuff 1       | UNSBA <b>3510</b> | SSBA <b>3510</b> |         |
| 2            | UNSBA <b>3520</b> | SSBA <b>3520</b> |         |
| 3            | UNSBA <b>3530</b> | SSBA <b>3530</b> |         |
| 4            | UNSBA <b>3540</b> | SSBA <b>3540</b> |         |
| 5            | UNSBA <b>3550</b> | SSBA <b>3550</b> |         |
| 6            | UNSBA <b>3560</b> | SSBA <b>3560</b> |         |
| 7            | UNSBA <b>3570</b> | -                |         |

# Ball Abutment Components

## Ball Abutment Analog

► Provides anchor point for ball abutment on working model.



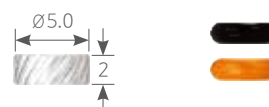
**N R W** Length 10

Unit mm | Scale 1:2

|                |             |                |
|----------------|-------------|----------------|
| Fixture Size   | Narrow      | Regular • Wide |
| Abut. Diameter | Ø3.5        | Ø3.5           |
|                | UNSBAA 3510 | SABA 3510      |

## Retainer

- Advantageous when occlusal distance is low compare to Ball Cap.
- Packing Unit : Retainer + O-Ring (OR 0450B + OR 04500)



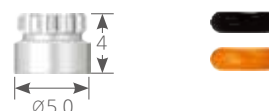
**N R W** D Ø5.0 Length 2

Unit mm | Scale 1:2

|              |                         |
|--------------|-------------------------|
| Fixture Size | Narrow • Regular • Wide |
|              | RT 0502                 |

## Ball Cap

- Outstanding consistency and clip-on
- Packing Unit : Ball Cap + O-Ring (OR 0450B + OR 04500)



**N R W** D Ø5.0 Length 4

Unit mm | Scale 1:2

|              |                         |
|--------------|-------------------------|
| Fixture Size | Narrow • Regular • Wide |
|              | BC 5004                 |

## O-Ring

- Black : For dental lab use
- Orange : For clinic use (over 6Ncm)
- Packing Unit : O-Ring 1 Piece



**N R W** D Ø4.5

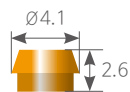
Unit mm | Scale 1:2

|              |  |                         |          |
|--------------|--|-------------------------|----------|
| Fixture Size |  | Narrow · Regular · Wide |          |
|              |  | OR 0450B                | OR 04500 |
| Color        |  | ● Black                 | ● Orange |



## OT Cap Orange

- Excellent retention is obtained with broader contact area compared to o-ring.
- Packing Unit : 6 Piece
- Caution) There is no separate cap for dental lab.  
Replace the cap after making the denture.



**N R W** D Ø4.1 Length 2.6

Unit mm | Scale 1 : 2

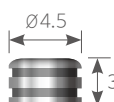
Fixture Size

Narrow · Regular · Wide

049PCNDR8

## Stainless Steel Housing

- The new stainless steel housing decrease the size that can provide better stability and retention with resin.
- Packing Unit : 2 Pieces



**N R W** D Ø4.5 Length 3

Unit mm | Scale 1 : 2

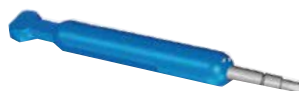
Fixture Size

Narrow · Regular · Wide

041CAN

## Insertion Tool For Caps

- ▶ Used for insertion the cap in the stainless housing.
- Possible to use both tip in a normal and micro situation.
- Packing Unit : Handle + Tip



**N R W**

Fixture Size

Narrow · Regular · Wide

085IAC

## Remover Tool For Caps

- ▶ Used for removing the cap from the stainless housing
- Possible to use in both normal and micro situation with one tool.



**N R W**

Fixture Size

Narrow · Regular · Wide

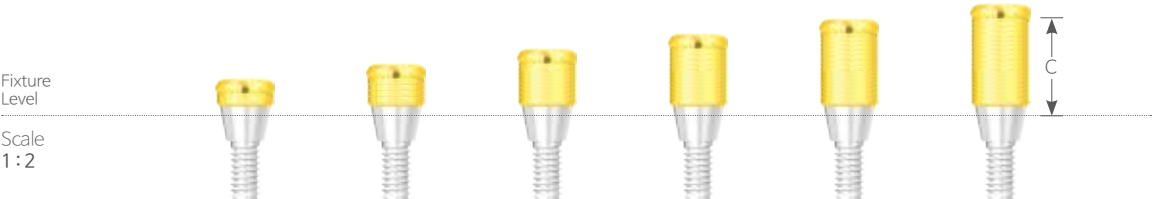
091EC

# Locator

- Upgraded from the conventional method used (O-Ring System, Bar Type System, etc.) by connecting a locator abutment to the fixture and used by connecting to / separating from male part connected to the denture

## Locator Abutment

- Uses Locator Driver
- Tightening Torque : **N** 20Ncm, **R W** 30~35Ncm



| <div> <div>N</div> <div>R</div> <div>W</div> </div> |        |              | Unit:mm |
|-----------------------------------------------------|--------|--------------|---------|
| Fixture Size                                        | Narrow | Regular・Wide |         |
| Cuff 1                                              | 02961  | 02967        |         |
| 2                                                   | 02962  | 02968        |         |
| 3                                                   | 02963  | 02969        |         |
| 4                                                   | 02964  | 02970        |         |
| 5                                                   | 02965  | 02971        |         |
| 6                                                   | 02966  | 02972        |         |

# Locator Components

## Replacement Male

- Path recovery to the maximum of 20°
- Packing Unit : 4ea

| <div> <div>N</div> <div>R</div> <div>W</div> </div> |                                                                                   |                                                                                   |                                                                                     |  |
|-----------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
| Retention                                           | 1.5 LBS                                                                           | 3 LBS                                                                             | 5 LBS                                                                               |  |
|                                                     |  |  |  |  |
| Intensity                                           | 08529<br>Weak                                                                     | 08527<br>Intermediate                                                             | 08524<br>Strong                                                                     |  |

## Extended Replacement Male

- Path recovery to the maximum of 20°~40°
- Packing Unit : 4ea

| <div> <div>N</div> <div>R</div> <div>W</div> </div> |                                                                                     |                                                                                     |                                                                                       |  |
|-----------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| Retention                                           | 1 LBS                                                                               | 2 LBS                                                                               | 4 LBS                                                                                 |  |
|                                                     |  |  |  |  |
| Intensity                                           | LOC 08548<br>Intermediate                                                           | LOC 08915<br>Intermediate                                                           | LOC 08547<br>Strong                                                                   |  |

## Male Package

- Packing unit : 2set
  - Denture cap +
  - Replacement Male(White, Pink, Blue) +
  - Block-Out Spacer
- Choose the Male of proper retention depends on the case
- Replace the Male using by Locator Core Tool



| <div> <div>N</div> <div>R</div> <div>W</div> </div> |         |
|-----------------------------------------------------|---------|
| Type                                                | 2 Set   |
|                                                     | 08519-2 |

# Locator Components

## Denture cap

- Packing Unit : 4set
- Denture Cap + Black Processing Male



NRW

Fixture Size

NarrowRegularWide

08510

## Black Processing Male

- Use during process of prosthesis fabrication.
- Packing Unit : 4ea



NRW

Fixture Size

NarrowRegularWide

08515

## Block-Out Spacer

- Use for sealing the space between Abutment and Denture cap.
- Packing Unit : 20ea



NRW

Fixture Size

NarrowRegularWide

08514

# Locator

## Locator Core Tool

- Used to connect and separate Replacement Male from Denture cap
- Divided into three pieces and can be used for Locator Abutment and hand drive.



|       |          |
|-------|----------|
| N R W |          |
| Code  | LOC 8393 |

## Locator Square Drive Torque Wrench Driver

- Torque Driver for Locator Abutment

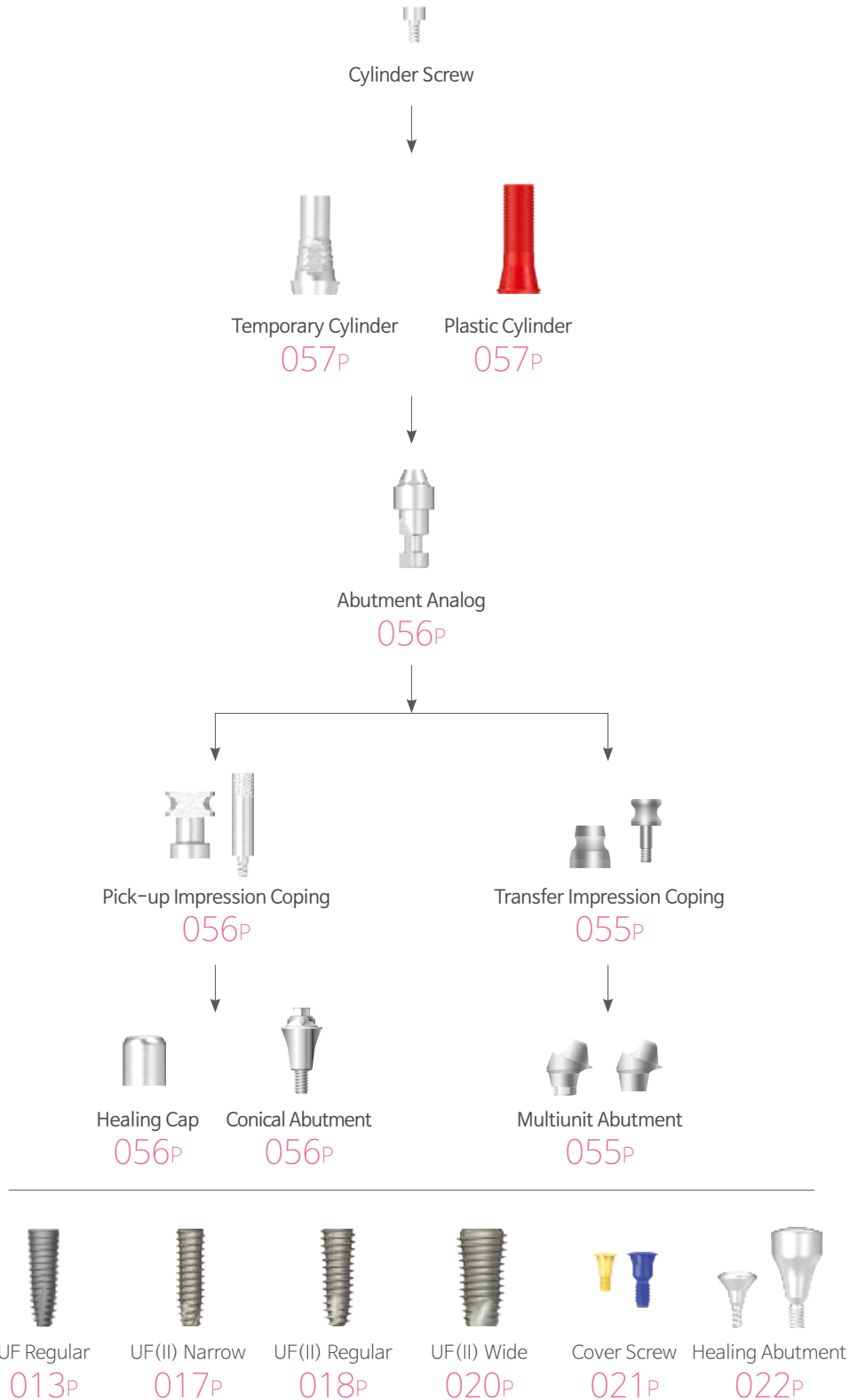
|       |          |                       |
|-------|----------|-----------------------|
| N R W |          | Unit mm   Scale 1 : 1 |
| Code  | LOC 8926 | LOC 8927              |



# Cement / Screw – Retained Restorations

## Multiunit / Conical Abutment

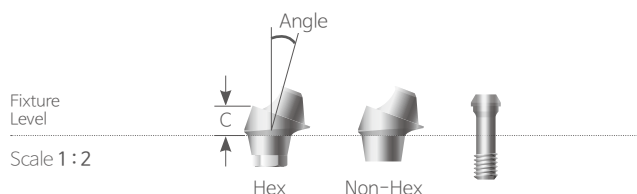
Fixture - **N R W**



# Multunit Abutment

Hex Non-Hex

- Packing Unit : Abutment + Screw (MAS2006S) + Holder (MAH1425)
- Tightening Torque : **N** 20Ncm, **R W** 30Ncm



## **N R W** Hex **D Ø4.8**

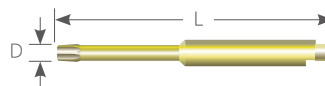
Unit mm

| Fixture Size | Narrow         | Regular · Wide |             |
|--------------|----------------|----------------|-------------|
| Angle        | 20°            | 20°            | 30°         |
| Cuff 2.5     | UNSMUA 482520H | UMA 482520H    | –           |
| 3            | UNSMUA 483020H | UMA 483020H    | UMA 483030H |
| 4            | UNSMUA 484020H | UMA 484020H    | UMA 484030H |
| 5            | UNSMUA 485020H | UMA 485020H    | UMA 485030H |

## **N R W** Non-Hex **D Ø4.8**

| Fixture Size | Narrow         | Regular · Wide |             |
|--------------|----------------|----------------|-------------|
| Angle        | 20°            | 20°            | 30°         |
| Cuff 2.5     | UNSMUA 482520N | UMA 482520N    | –           |
| 3            | UNSMUA 483020N | UMA 483020N    | UMA 483030N |
| 4            | UNSMUA 484020N | UMA 484020N    | UMA 484030N |
| 5            | UNSMUA 485020N | UMA 485020N    | UMA 485030N |

## Multunit Screw Driver



## **N R W** **D Ø1.4** Length 25

Unit mm | Scale 1 : 1.25

|      |          |
|------|----------|
| Code | MSD 1425 |
|------|----------|

## Transfer Impression Coping



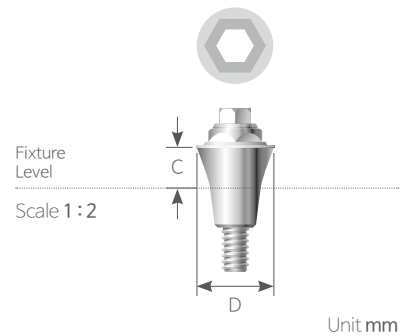
## **N R W**

Unit mm | Scale 1 : 1.25

|      |                      |
|------|----------------------|
| Code | ICC 4805 / ICCS 1407 |
|------|----------------------|

# Conical Abutment

- Maintains screw and prosthetic aesthetics.
- For fabrication of prosthetic on cylinder after abutment has been placed.
- Up to 48° path angle
- Uses Ø2.0 Conical Abutment Driver (HD 2012A)
- Tightening Torque : 30Ncm



**N R W D Ø4.8**

| Fixture Size | Narrow     | Regular · Wide |
|--------------|------------|----------------|
| Cuff 1       | UNSKA 4801 | UCA 4801       |
| 2            | UNSKA 4802 | UCA 4802       |
| 3            | UNSKA 4803 | UCA 4803       |

## Healing Cap

- Protects the Conical Abutment and promotes patient healing.
- Uses 1.2 Hex Driver
- Tightening Torque : 20Ncm



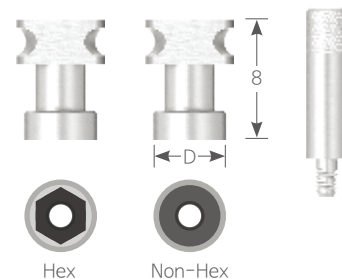
**N R W D Ø4.8** Length 4.5

Unit mm | Scale 1:2

| Code | HCN 40504 |
|------|-----------|
|------|-----------|

## Pick-up Impression Coping

- Create final impression of Conical Abutment on Impression Coping.
- For use with pick-up type closed trays.
- Packing Unit : Pick-up Impression Coping + Guide Pin



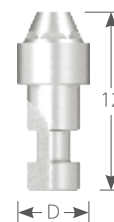
**N R W D Ø4.8** Length 8

Unit mm | Scale 1:2

| Type      | Hex       | Non Hex    |
|-----------|-----------|------------|
|           | IPN 40508 | IPN 40508N |
| Guide Pin | PCN 40310 | PCN 40310S |

## Abutment Analog

- Replicates Conical Abutment/Multiunit Abutment for fabrication of prosthetics on the working model.



**N R W D Ø4.8** Length 12

Unit mm | Scale 1:1.25

| Code | RCN 40412 |
|------|-----------|
|------|-----------|

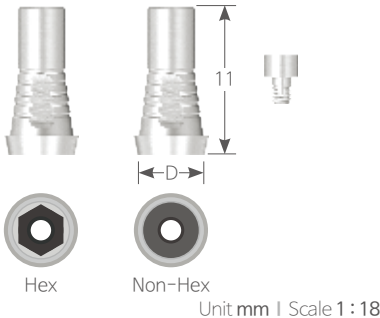


# Multiunit / Conical Abutment Components

## Temporary Cylinder Hex Non-Hex

- For fabricating temporary prosthetics on top of Conical Abutments.
- Simple customization & Minimizes restriction
- Uses 1.2 Hex Driver
- Packing Unit : Temporary Cylinder + Cylinder Screw (SHN 1403)
- Tightening Torque : 20Ncm

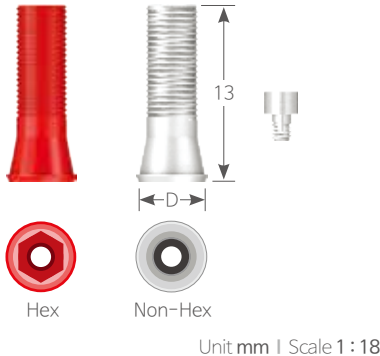
|                                        |                  |            |
|----------------------------------------|------------------|------------|
| <div>N</div> <div>R</div> <div>W</div> | D Ø4.8 Length 11 |            |
| Type                                   | Hex              | Non Hex    |
|                                        | TCN 40511        | TCN 40511N |



## Plastic Cylinder Hex Non-Hex

- Cast in premium gold alloy after customization.
- Uses 1.2 Hex Driver
- Packing Unit : Plastic Cylinder + Cylinder Screw (SHN 1403)
- Tightening Torque : 20Ncm

|                                        |                  |             |
|----------------------------------------|------------------|-------------|
| <div>N</div> <div>R</div> <div>W</div> | D Ø4.8 Length 13 |             |
| Type                                   | Hex              | Non Hex     |
|                                        | APN 40514S       | APN 40514SN |



## Cylinder Screw

|                                        |          |  |
|----------------------------------------|----------|--|
| <div>N</div> <div>R</div> <div>W</div> | Length 3 |  |
| Code                                   | SSN 1403 |  |



## Conical Screw Driver

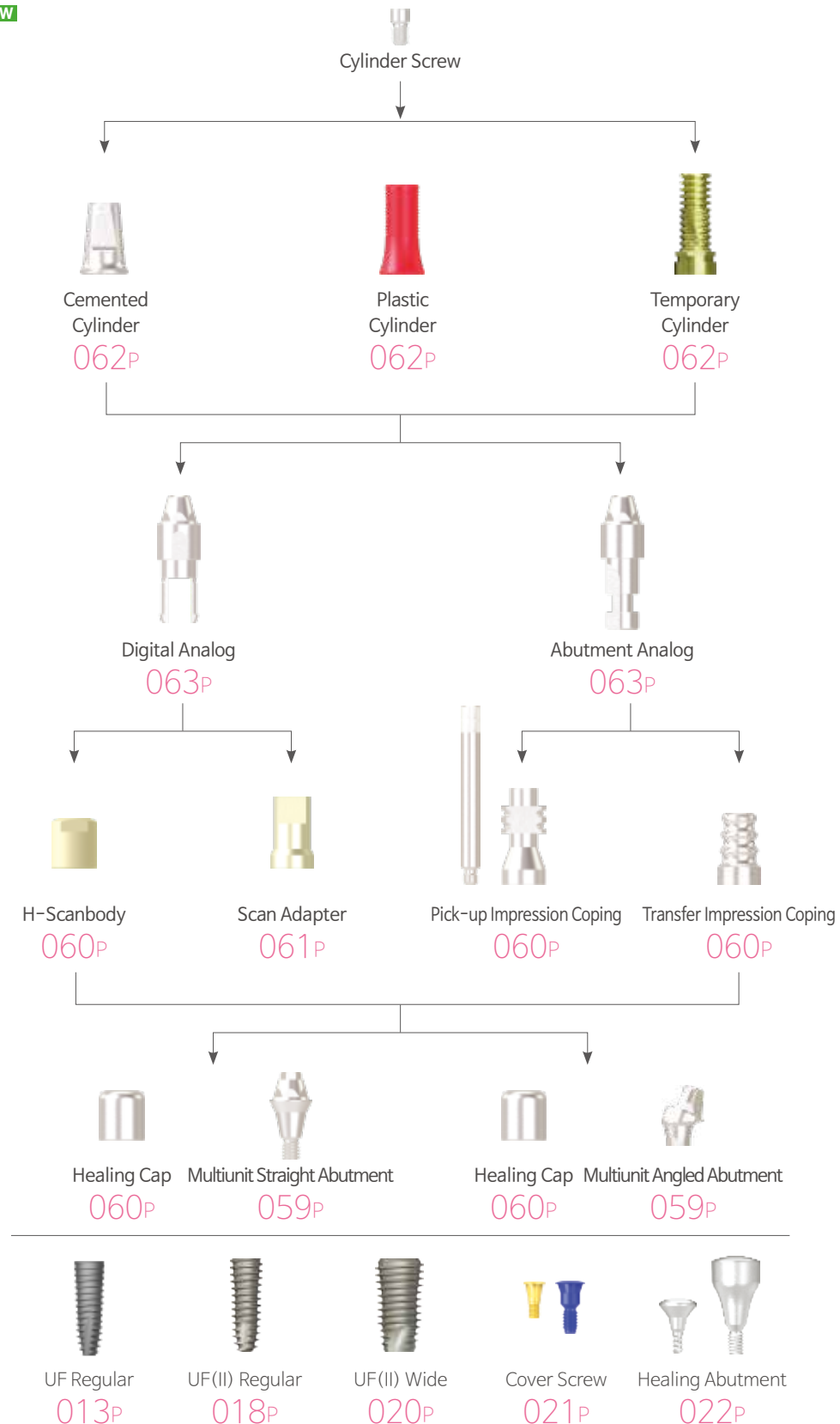
|                                        |          |  |
|----------------------------------------|----------|--|
| <div>N</div> <div>R</div> <div>W</div> |          |  |
| Code                                   | HD 2012A |  |



# Cement / Screw – Retained Restorations

## Multiunit Abutment

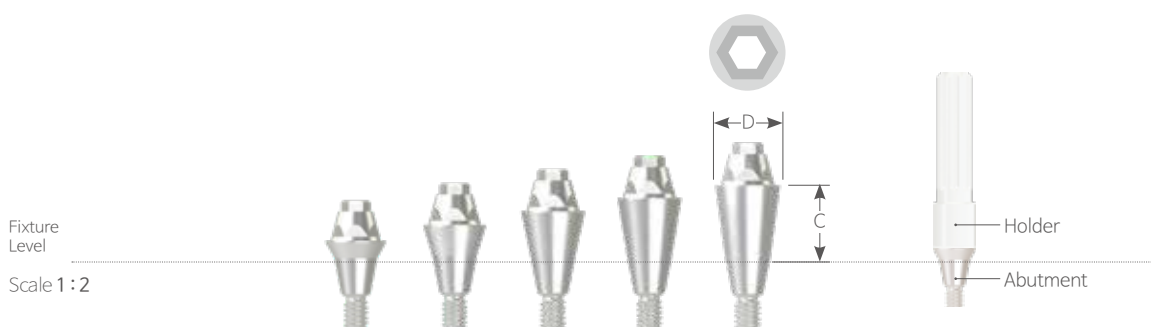
Fixture - **R** **W**



# Multiunit Straight Abutment

► Use it to fabricate cement and screw-retained prosthesis in a bridge case with different path.

- Tightening Torque : 30Ncm
- Packing unit : Multiunit Straight Abutment + Holder (MSAH 4820)
- Use Ø2.0 Multiunit Straight Abutment Driver (HD 2012A (Same as Conical Abutment Driver))



| R W D Ø4.8 |          | Unit mm  |          |          |          |  |
|------------|----------|----------|----------|----------|----------|--|
| Cuff       | 1.5      | 2.5      | 3.5      | 4.5      | 5.5      |  |
|            | MSA 4801 | MSA 4802 | MSA 4803 | MSA 4804 | MSA 4805 |  |

# Multiunit Angled Abutment

Hex Non-Hex

► Use it to fabricate cement and screw-retained prosthesis in a bridge case with different path.

- Multiunit Angled Abutment and Fixture (UFII Regular / Wide) are fastened with the Multiunit Angled Abutment Screw (MASC 2006).
- Multiunit Angled Abutment is path compensate Maximum up to 60 °
- Tightening Torque : 30Ncm
- Packing unit : Multiunit Angled Abutment + Screw + Holder (MAH 1629)
- Use Multiunit Angled Abutment Driver (MHD 1215A (Ratchet) / MMD 1224 (Machine))

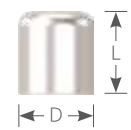


| R W D Ø4.8 |             | Unit mm     |             |             |  |
|------------|-------------|-------------|-------------|-------------|--|
| Type       | Hex         |             | Non-Hex     |             |  |
| Angle      | 20°         | 30°         | 20°         | 30°         |  |
| Cuff 2.5   | MAA 482520H | –           | MAA 482520N | –           |  |
| 3.5        | MAA 483520H | MAA 483530H | MAA 483520N | MAA 483530N |  |
| 4.5        | MAA 484520H | MAA 484530H | MAA 484520N | MAA 484530N |  |
| 5.5        | MAA 485520H | MAA 485530H | MAA 485520N | MAA 485530N |  |
| Screw      | MASC 2006   |             |             |             |  |

# Multiunit Abutment Components

## Healing Cap

- To protect Abutment and minimize the discomfort in the patient’s mouth.
- Uses 1.2 Hex Driver
- Tightening Torque : 5~8Ncm

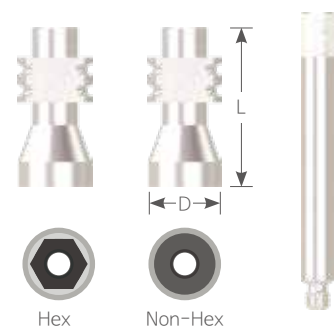


Unit mm | Scale 1 : 2

|                                            |          |
|--------------------------------------------|----------|
| <b>R</b> <b>W</b> <b>D Ø5.0</b> Length 5.5 |          |
| Code                                       | MHC 5005 |

## Pick-up Impression Coping

- Pick-up type Impression Coping to take an abutment level impression.
- Used with an open tray
- Only for Multiunit Abutment
- Uses 1.2 Hex Driver
- Packing Unit : Pick-up Impression Coping + Guide Pin (MGP 1615)
- Tightening Torque : 5~8Ncm

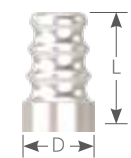


Unit mm | Scale 1 : 2

|                                           |           |           |
|-------------------------------------------|-----------|-----------|
| <b>R</b> <b>W</b> <b>D Ø4.8</b> Length 11 |           |           |
| Type                                      | Hex       | Non Hex   |
|                                           | MPI 4811H | MPI 4811N |

## Transfer Impression Coping

- Transfer type Impression Coping to take an abutment level impression.
- Used with Closed Tray
- Only for Multiunit Abutment
- Uses 1.2 Hex Driver
- Tightening Torque : 5~8Ncm

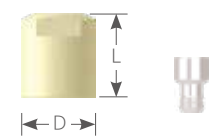


Unit mm | Scale 1 : 2

|                                          |           |
|------------------------------------------|-----------|
| <b>R</b> <b>W</b> <b>D Ø4.8</b> Length 8 |           |
| Code                                     | MTI 4808N |

## H-Scanbody

- Only use Multiunit Straight(MSA) / Multiunit Angled(MAA) Abutment
- Use for digital Impression taking
- Uses 1.2 Hex Driver
- Packing Unit : H-Scan body + Screw(MHSBSC 1603)
- Tightening Torque : 5~8Ncm

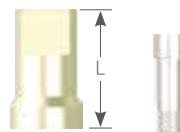


Unit mm | Scale 1 : 2

|                                            |            |
|--------------------------------------------|------------|
| <b>R</b> <b>W</b> <b>D Ø5.0</b> Length 5.6 |            |
| Code                                       | MHSB 5005H |

## Scan Adapter

- Only use Multiunit Straight (MSA) / Multiunit Angled (MAA) Abutment
- Uses 1.2 Hex Driver
- Packing Unit : Scan Adapter + Screw (MCSC 1606)
- Tightening Torque : 5~8Ncm



**R W D Ø4.8** Length 8

Unit mm | Scale 1 : 2

Code

MSCAN 4808H

## Multi Angled Abutment Jig

- Auxiliary tool for convenient and accurate delivery and attachment of multi angled abutment in the oral cavity
- Use by assembling the multi abutment and abutment driver (MHD 1215A) onto the jig provided to the dental clinic
- Only use multi angled abutment
- Packing Unit : Multi Angled Abutment Jig + Screw (MAJS 1604)



**R W**

Unit mm | Scale 1 : 2

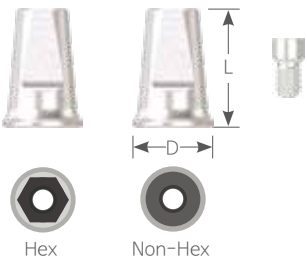
Code

MAJ 02

# Multiunit Abutment Components

## Cemented Cylinder Hex Non-Hex

- Used to fabricate cement-retained prosthesis.
- Uses 1.2 Hex Driver
- Packing Unit : Cemented Cylinder + Screw (MSC 1604)
- Tightening Torque : 20Ncm



| <div>R</div> <div>W</div> <div>D Ø5.4</div> Length 8 | Unit mm   Scale 1 : 2 |            |
|------------------------------------------------------|-----------------------|------------|
| Type                                                 | Hex                   | Non Hex    |
|                                                      | MCEM 5408H            | MCEM 5408N |

## Plastic Cylinder Hex Non-Hex

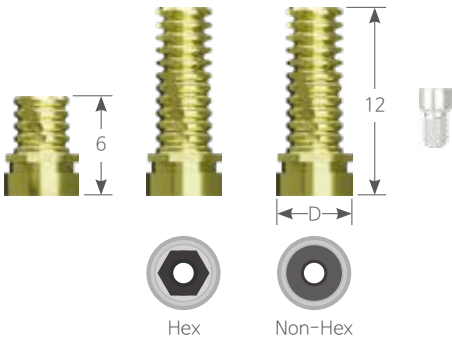
- Used to fabricate prosthesis with casting with non-precious metal alloys.
- Color Type : Hex type(Red), Non-Hex type(White)
- Uses 1.2 Hex Driver
- Packing Unit : Plastic Cylinder + Screw(MSC 1604)
- Tightening Torque : 20Ncm



| <div>R</div> <div>W</div> <div>D Ø5.0</div> Length 10 | Unit mm   Scale 1 : 2 |            |
|-------------------------------------------------------|-----------------------|------------|
| Type                                                  | Hex                   | Non Hex    |
|                                                       | MPLA 5010H            | MPLA 5010N |

## Temporary Cylinder Hex Non-Hex

- Used to fabricate temporary prosthesis.
- Uses 1.2 Hex Driver
- Packing Unit : Temporary Cylinder+ Screw(MSC 1604)
- Tightening Torque : 20Ncm



| <div>R</div> <div>W</div> <div>D Ø4.8</div> | Unit mm   Scale 1 : 2 |            |
|---------------------------------------------|-----------------------|------------|
| Type                                        | Hex                   | Non-Hex    |
| Length 6                                    | MTEM 4806H            | MTEM 4806N |
| Length 12                                   | MTEM 4812H            | MTEM 4812N |

## Cylinder Screw



**R** **W** Length 4

Unit mm | Scale 1 : 2

Code

MSC 1604

## Abutment Analog

· Replicates Multiunit Straight/Angled Abutment for fabrication of prosthetics on the working model.



**R** **W** **D** Ø4.8 Length 15

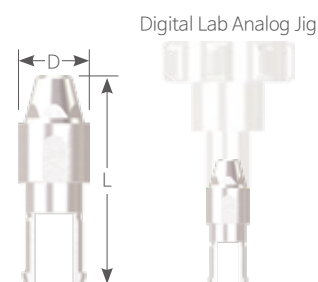
Unit mm | Scale 1 : 2

Code

MLA 4815H

## Digital Analog

· Provides anchor point for Multiunit Abutment on 3D printed model.  
· Uses Digital Lab Analog Jig (MDAJ 00)



**R** **W** **D** Ø4.8 Length 14.2

Unit mm | Scale 1 : 2

Code

MDA 4813

# Surgical Tool

## Screw Driver

· Only uses Multiunit Angled Abutment (ex : MAA 0000)

**K** Hex 1.2

● Sold separately

Unit mm | Scale 1 : 1

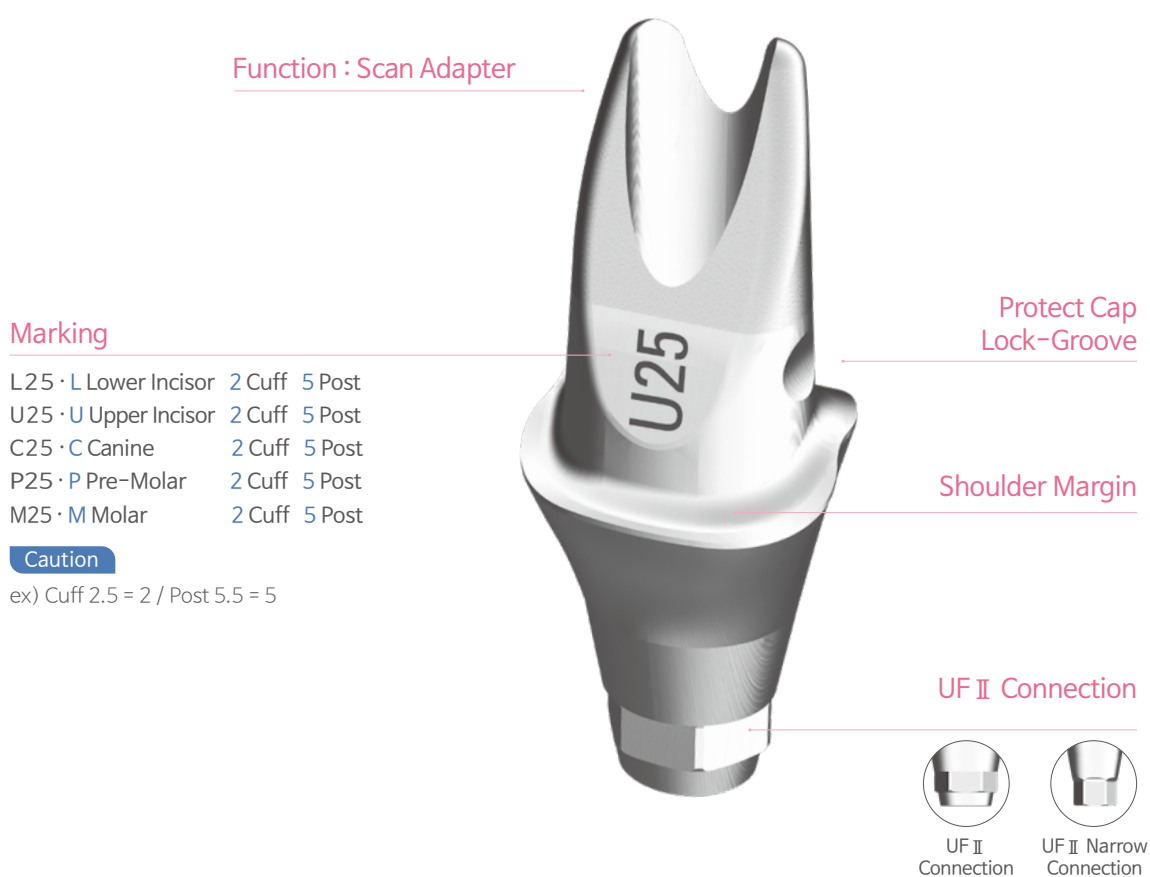
| Type | Machine  | Ratchet   |
|------|----------|-----------|
| Code | MMD 1224 | MHD 1215A |



# Digital Abutment

· The library can be downloaded from the website.  
(<https://hq.dionavi.com/cad/cadlib.do>)

**Digital abutment** that is **better** than stock abutments and more **convenient** than customized abutments.



|                                                        | Lower Incisor | Upper Incisor         | Canine    | Pre-Molar | Molar     |
|--------------------------------------------------------|---------------|-----------------------|-----------|-----------|-----------|
| Cross Section                                          |               |                       |           |           |           |
| Cervical Margin Cross Section                          |               |                       |           |           |           |
| Facial Side                                            | →             | →                     | →         | →         | →         |
| Connection                                             | UF(II) Narrow | UF(II) Narrow /UF(II) | UF(II)    | UF(II)    | UF(II)    |
| Cervical Margin Dimension (Mesiodistal x faciolingual) | 5 X 5.2       | 6.1 X 5.7             | 5.3 X 6.3 | 5.8 X 6.8 | 7.3 X 7.8 |
| Ratio (%)                                              | 70%           | 70% / 85%             | 85%       | 85%       | 85%       |



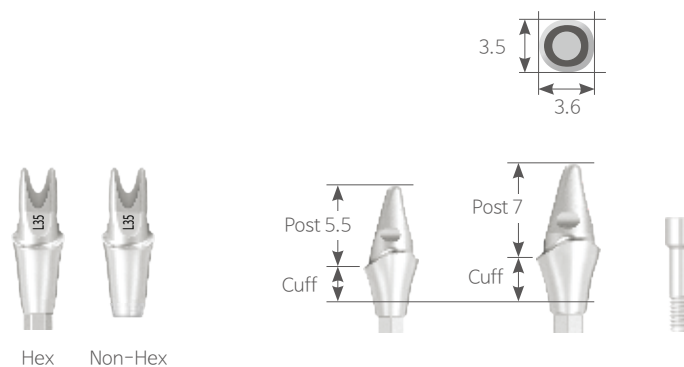
# Lower Incisor

## UFII Narrow Angled Abutment

Hex

Non-Hex

- Packing Unit : Abutment + Abutment Screw + Protect Cap
- Abutment Screw : UNSAS 1407H (Only compatible with the screw included)



### N Post 5.5

Unit mm | Scale 1 : 1.25

| Cuff    | 2.5                                                                                 | 3.5                                                                                 | 4.5                                                                                 | 5.5                                                                                   | Protect Cap                                                                           |
|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|         |  |  |  |  |  |
| Hex     | DLN 2555H[C]                                                                        | DLN 3555H[C]                                                                        | DLN 4555H[C]                                                                        | DLN 5555H[C]                                                                          | DCLN 55                                                                               |
| Non-Hex | DLN 2555N[C]                                                                        | DLN 3555N[C]                                                                        | DLN 4555N[C]                                                                        | DLN 5555N[C]                                                                          | DCLN 55                                                                               |
| Marking | L 25                                                                                | L 35                                                                                | L 45                                                                                | L 55                                                                                  | -                                                                                     |

### N Post 7.0

| Cuff    | 2.5                                                                                 | 3.5                                                                                 | 4.5                                                                                 | 5.5                                                                                   | Protect Cap                                                                           |
|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|         |  |  |  |  |  |
| Hex     | DLN 2570H[C]                                                                        | DLN 3570H[C]                                                                        | DLN 4570H[C]                                                                        | DLN 5570H[C]                                                                          | DCLN 70                                                                               |
| Non-Hex | DLN 2570N[C]                                                                        | DLN 3570N[C]                                                                        | DLN 4570N[C]                                                                        | DLN 5570N[C]                                                                          | DCLN 70                                                                               |
| Marking | L 27                                                                                | L 37                                                                                | L 47                                                                                | L 57                                                                                  | -                                                                                     |

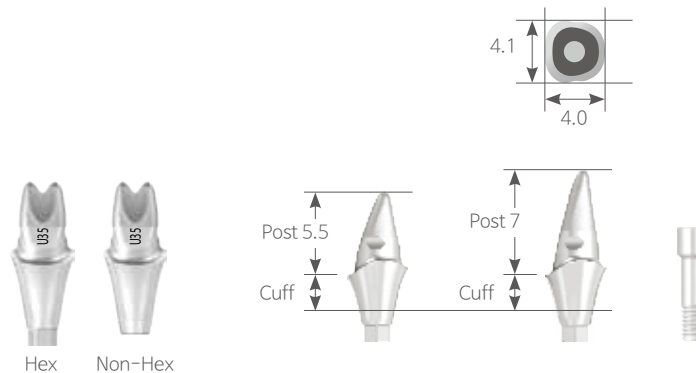
# Upper Incisor

## UFII Narrow Angled Abutment

Hex

Non-Hex

- Packing Unit : Abutment + Abutment Screw + Protect Cap
- Abutment Screw : UNSAS 1407H (Only compatible with the screw included)



### N Post 5.5

Unit mm | Scale 1 : 1.25

| Cuff    | 2.5                                                                                 | 3.5                                                                                 | 4.5                                                                                 | 5.5                                                                                   | Protect Cap                                                                           |
|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|         |  |  |  |  |  |
| Hex     | DUN 2555H [C]                                                                       | DUN 3555H [C]                                                                       | DUN 4555H [C]                                                                       | DUN 5555H [C]                                                                         | DCUN 55                                                                               |
| Non-Hex | DUN 2555N [C]                                                                       | DUN 3555N [C]                                                                       | DUN 4555N [C]                                                                       | DUN 5555N [C]                                                                         | DCUN 55                                                                               |
| Marking | U 25                                                                                | U 35                                                                                | U 45                                                                                | U 55                                                                                  | -                                                                                     |

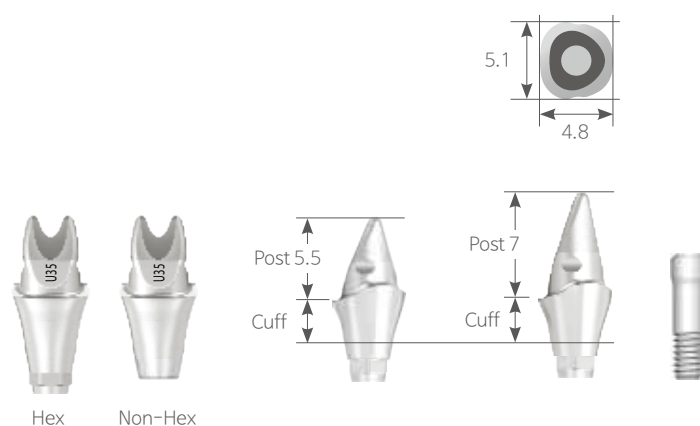
### N Post 7.0

| Cuff    | 2.5                                                                                 | 3.5                                                                                 | 4.5                                                                                 | 5.5                                                                                   | Protect Cap                                                                           |
|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|         |  |  |  |  |  |
| Hex     | DUN 2570H [C]                                                                       | DUN 3570H [C]                                                                       | DUN 4570H [C]                                                                       | DUN 5570H [C]                                                                         | DCUN 70                                                                               |
| Non-Hex | DUN 2570N [C]                                                                       | DUN 3570N [C]                                                                       | DUN 4570N [C]                                                                       | DUN 5570N [C]                                                                         | DCUN 70                                                                               |
| Marking | U 27                                                                                | U 37                                                                                | U 47                                                                                | U 57                                                                                  | -                                                                                     |

## UFII Angled Abutment

Hex Non-Hex

- Packing Unit : Abutment + Abutment Screw + Protect Cap
- Abutment Screw : DASC 2008H (Only compatible with the screw included)



### R Post 5.5

Unit mm | Scale 1 : 1.25

| Cuff    | 2.5                                                                                 | 3.5                                                                                 | 4.5                                                                                 | 5.5                                                                                   | Protect Cap                                                                           |
|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|         |  |  |  |  |  |
| Hex     | DUR 2555H [C]                                                                       | DUR 3555H [C]                                                                       | DUR 4555H [C]                                                                       | DUR 5555H [C]                                                                         | DCUR 55                                                                               |
| Non-Hex | DUR 2555N [C]                                                                       | DUR 3555N [C]                                                                       | DUR 4555N [C]                                                                       | DUR 5555N [C]                                                                         | DCUR 55                                                                               |
| Marking | U 25                                                                                | U 35                                                                                | U 45                                                                                | U 55                                                                                  | -                                                                                     |

### R Post 7.0

| Cuff    | 2.5                                                                                 | 3.5                                                                                 | 4.5                                                                                 | 5.5                                                                                   | Protect Cap                                                                           |
|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|         |  |  |  |  |  |
| Hex     | DUR 2570H [C]                                                                       | DUR 3570H [C]                                                                       | DUR 4570H [C]                                                                       | DUR 5570H [C]                                                                         | DCUR 70                                                                               |
| Non-Hex | DUR 2570N [C]                                                                       | DUR 3570N [C]                                                                       | DUR 4570N [C]                                                                       | DUR 5570N [C]                                                                         | DCUR 70                                                                               |
| Marking | U 27                                                                                | U 37                                                                                | U 47                                                                                | U 57                                                                                  | -                                                                                     |

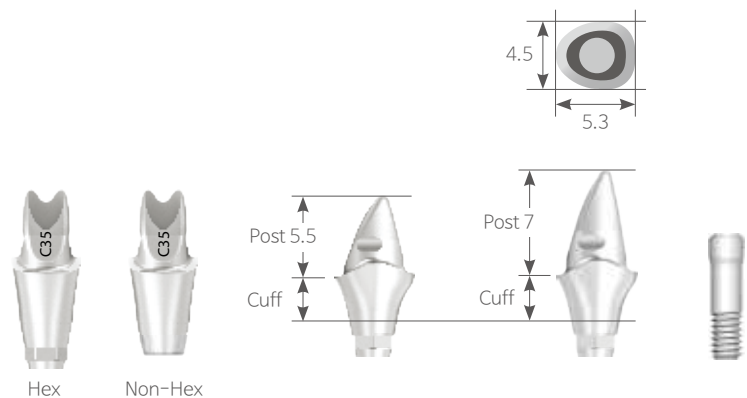
# Canine

## UFII Angled Abutment

Hex

Non-Hex

- Packing Unit : Abutment + Abutment Screw + Protect Cap
- Abutment Screw : DASC 2008H (Only compatible with the screw included)



| R Post 5.5 |  | Unit mm   Scale 1 : 1.25                                                            |                                                                                     |                                                                                       |
|------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Cuff       |  | 2.5                                                                                 | 3.5                                                                                 | Protect Cap                                                                           |
|            |  |  |  |  |
| Hex        |  | DCR 2555H [C]                                                                       | DCR 3555H [C]                                                                       | DCCR 55                                                                               |
| Non-Hex    |  | DCR 2555N [C]                                                                       | DCR 3555N [C]                                                                       | DCCR 55                                                                               |
| Marking    |  | C 25                                                                                | C 35                                                                                | -                                                                                     |

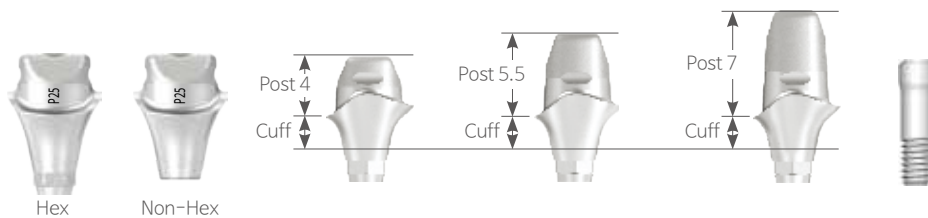
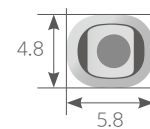
| R Post 7.0 |  |                                                                                     |                                                                                     |                                                                                       |
|------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Cuff       |  | 2.5                                                                                 | 3.5                                                                                 | Protect Cap                                                                           |
|            |  |  |  |  |
| Hex        |  | DCR 2570H [C]                                                                       | DCR 3570H [C]                                                                       | DCCR 70                                                                               |
| Non-Hex    |  | DCR 2570N [C]                                                                       | DCR 3570N [C]                                                                       | DCCR 70                                                                               |
| Marking    |  | C 27                                                                                | C 37                                                                                | -                                                                                     |

# Pre-Molar

## UFII Angled Abutment

Hex Non-Hex

- Packing Unit : Abutment + Abutment Screw + Protect Cap
- Abutment Screw : DASC 2008H (Only compatible with the screw included)



### R Post 4.0

Unit mm | Scale 1 : 1.25

| Cuff    | 1.5                                                                                | 2.5                                                                                | 3.5                                                                                | 4.5                                                                                  | Protect Cap                                                                          |
|---------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|         |  |  |  |  |  |
| Hex     | DPR 1540H [C]                                                                      | DPR 2540H [C]                                                                      | DPR 3540H [C]                                                                      | DPR 4540H [C]                                                                        | DCPR 40                                                                              |
| Non-Hex | DPR 1540N [C]                                                                      | DPR 2540N [C]                                                                      | DPR 3540N [C]                                                                      | DPR 4540N [C]                                                                        | DCPR 40                                                                              |
| Marking | P 14                                                                               | P 24                                                                               | P 34                                                                               | P 44                                                                                 | -                                                                                    |

### R Post 5.5

| Cuff    | 1.5                                                                                 | 2.5                                                                                 | 3.5                                                                                 | 4.5                                                                                   | Protect Cap                                                                           |
|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|         |  |  |  |  |  |
| Hex     | DPR 1555H [C]                                                                       | DPR 2555H [C]                                                                       | DPR 3555H [C]                                                                       | DPR 4555H [C]                                                                         | DCPR 55                                                                               |
| Non-Hex | DPR 1555N [C]                                                                       | DPR 2555N [C]                                                                       | DPR 3555N [C]                                                                       | DPR 4555N [C]                                                                         | DCPR 55                                                                               |
| Marking | P 15                                                                                | P 25                                                                                | P 35                                                                                | P 45                                                                                  | -                                                                                     |

### R Post 7.0

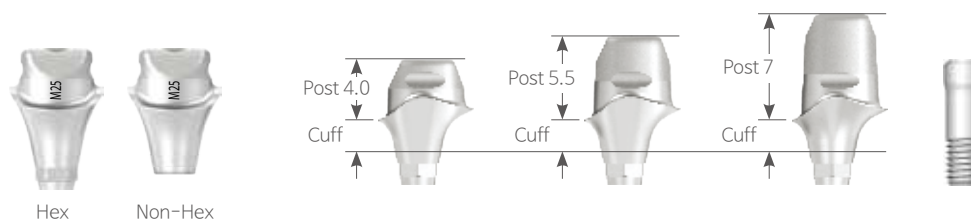
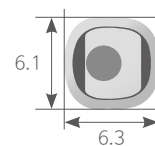
| Cuff    | 1.5                                                                                 | 2.5                                                                                 | 3.5                                                                                 | 4.5                                                                                   | Protect Cap                                                                           |
|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|         |  |  |  |  |  |
| Hex     | DPR 1570H [C]                                                                       | DPR 2570H [C]                                                                       | DPR 3570H [C]                                                                       | DPR 4570H [C]                                                                         | DCPR 70                                                                               |
| Non-Hex | DPR 1570N [C]                                                                       | DPR 2570N [C]                                                                       | DPR 3570N [C]                                                                       | DPR 4570N [C]                                                                         | DCPR 70                                                                               |
| Marking | P 17                                                                                | P 27                                                                                | P 37                                                                                | P 47                                                                                  | -                                                                                     |

# Molar

## UFII Angled Abutment

Hex Non-Hex

- Packing Unit : Abutment + Abutment Screw + Protect Cap
- Abutment Screw : DASC 2008H (Only compatible with the screw included)



### R Post 4.0

Unit mm | Scale 1 : 1.25

| Cuff    | 1.5           | 2.5           | 3.5           | 4.5           | Protect Cap |
|---------|---------------|---------------|---------------|---------------|-------------|
|         |               |               |               |               |             |
| Hex     | DMR 1540H [C] | DMR 2540H [C] | DMR 3540H [C] | DMR 4540H [C] | DCMR 40     |
| Non-Hex | DMR 1540N [C] | DMR 2540N [C] | DMR 3540N [C] | DMR 4540N [C] | DCMR 40     |
| Marking | M 14          | M 24          | M 34          | M 44          | -           |

### R Post 5.5

| Cuff    | 1.5           | 2.5           | 3.5           | 4.5           | Protect Cap |
|---------|---------------|---------------|---------------|---------------|-------------|
|         |               |               |               |               |             |
| Hex     | DMR 1555H [C] | DMR 2555H [C] | DMR 3555H [C] | DMR 4555H [C] | DCMR 55     |
| Non-Hex | DMR 1555N [C] | DMR 2555N [C] | DMR 3555N [C] | DMR 4555N [C] | DCMR 55     |
| Marking | M 15          | M 25          | M 35          | M 45          | -           |

### R Post 7.0

| Cuff    | 1.5           | 2.5           | 3.5           | 4.5           | Protect Cap |
|---------|---------------|---------------|---------------|---------------|-------------|
|         |               |               |               |               |             |
| Hex     | DMR 1570H [C] | DMR 2570H [C] | DMR 3570H [C] | DMR 4570H [C] | DCMR 70     |
| Non-Hex | DMR 1570N [C] | DMR 2570N [C] | DMR 3570N [C] | DMR 4570N [C] | DCMR 70     |
| Marking | M 17          | M 27          | M 37          | M 47          | -           |

# Protect Cap

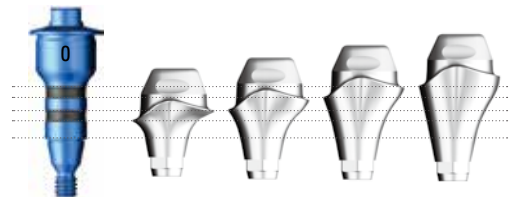
1. Prevention of gingiva creeping
  - Covering of gum in the margin and gingiva retraction
  - Can accurately take impression with widened gum
2. Protection of the patient's tongue
  - Since the protect cap can fall off while biting food with antagonist teeth (sticky food, etc.), be careful not to swallow the cap if fallen.



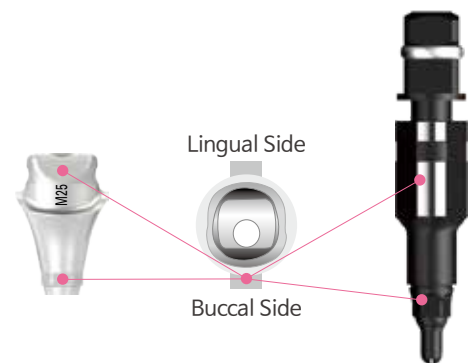
# How to check the path

## Flapless Surgery

- Surgical Guide Fix (Can check height of the gum)



- Setting of hex direction to buccal side when using digital abutment, checking of hex direction using guide sleeve projection
- Can check hex direction using a Guide Sleeve



## Flap Surgery

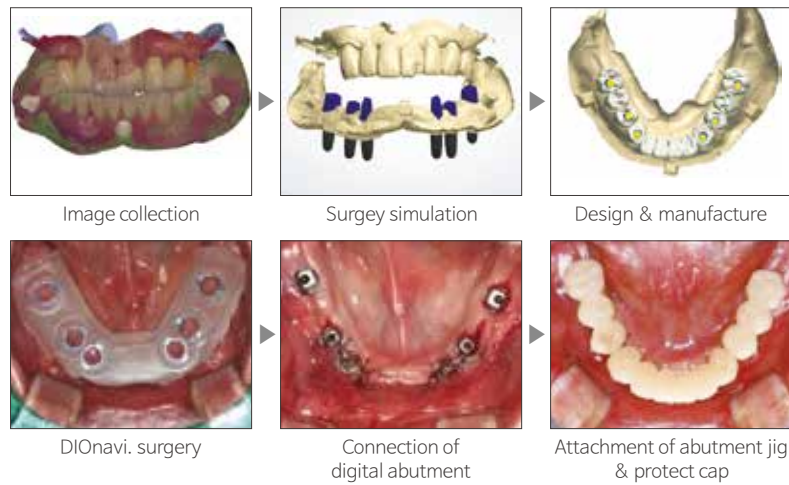
- Setting of hex direction to buccal side when using digital abutment,
- Can check hex direction using a fixture driver



# Workflow

## DIONavi. + Digital Abutment (Full Digital)

Immediate Restoration



## Method of intra oral scan impression

### If oral scan is available

Method of library matching  
(3Shape Dental System)



## Method of conventional impression

### Scanning after manufacture of model

Method of library matching  
(3Shape Dental System)





# H-Scanbody & Jig

- Tightening Torque : 5~8Ncm
- Packing Unit : H-Scanbody + Screw
- The library can be downloaded from the website.  
(<https://hq.dionavi.com/cad/cadlib.do>)

## UFII Narrow

**N D Ø4.0**

| Length | 4                                                                                 | 6                                                                                 | 8                                                                                 | 10                                                                                 | 12                                                                                  | Jig                                                                                 |
|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|        |  |  |  |  |  |  |
|        |  |  |  |   |  |  |
|        | UNHSB 404H                                                                        | UNHSB 406H                                                                        | UNHSB 408H                                                                        | UNHSB 410H                                                                         | UNHSB 412H                                                                          | JIG 401                                                                             |
| Screw  | UNSCAN 1408H                                                                      | UNSCAN 1410H                                                                      | UNSCAN 1412H                                                                      | UNSCAN 1414H                                                                       | UNSCAN 1416H                                                                        |                                                                                     |

Top view



● Sold separately

Unit mm | Scale 1 : 1.25

## UFII Regular / Wide

**R W D Ø5.0**

| Length | 4                                                                                   | 6                                                                                   | 8                                                                                     | Jig                                                                                   |
|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|        |  |  |  |  |
|        |  |  |    |  |
|        | HSCAN 541H                                                                          | HSCAN 561H                                                                          | HSCAN 581H                                                                            | JIG 501                                                                               |
| Screw  | SSCAN 2009H                                                                         | SSCAN 2011H                                                                         | SSCAN 2013H                                                                           |                                                                                       |

Top view



Unit mm | Scale 1 : 1.25

**R W D Ø6.0**

| Length | 4                                                                                   | 6                                                                                   | 8                                                                                     | Jig                                                                                   |
|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|        |  |  |  |  |
|        |  |  |    |  |
|        | HSCAN 641H                                                                          | HSCAN 661H                                                                          | HSCAN 681H                                                                            | JIG 601                                                                               |
| Screw  | SSCAN 2009H                                                                         | SSCAN 2011H                                                                         | SSCAN 2013H                                                                           |                                                                                       |

Top view



Unit mm | Scale 1 : 1.25

# H-Scanbody

## UFII Regular / Wide

R

W

D Ø6.0

Length

4

6

8

Jig

HSCAN 642H

SSCAN 2009H

HSCAN 662H

SSCAN 2011H

HSCAN 682H

SSCAN 2013H

JIG 602

Screw

Top view

Sold separately

Unit mm | Scale 1 : 1.25

R

W

D Ø7.0

Length

4

6

8

Jig

HSCAN 741H

SSCAN 2009H

HSCAN 761H

SSCAN 2011H

HSCAN 781H

SSCAN 2013H

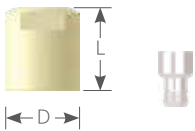
JIG 701

Screw

Top view

## UFII Regular / Wide

- Only use Multiunit Straight(MSA) / Multiunit Angled(MAA) Abutment
- Use for digital Impression taking
- Uses 1.2 Hex Driver
- Packing Unit : H-Scan body + Screw(MHSBSC 1603)
- Tightening Torque : 5~8Ncm



R

W

D Ø5.0

Length 5.6

Code

MHSB 5005H

Unit mm | Scale 1 : 2

# Scan Adapter

- Manufacture of customized abutment by connecting to the fixture in the mouth or lab analog of the plaster model and scanning with an oral scanner or desk scanner
- [H] : Hex / [T] : Torx
- The library can be downloaded from the website.  
(<https://hq.dionavi.com/cad/cadlib.do>)

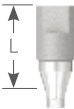
## UFII Narrow

- Packing Unit : Scan Adapter + Screw
- Tightening Torque : 5~8Ncm

N

Unit mm | Scale 1 : 1.25

|        |   |    |       |
|--------|---|----|-------|
| Length | 9 | 15 | Screw |
|--------|---|----|-------|



SCAN 41



SCAN 41-15



UNSAS 1407H

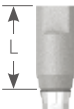
## UFII Regular / Wide

- Packing Unit : Scan Adapter + Screw
- Tightening Torque : 5~8Ncm

R W

Unit mm | Scale 1 : 1.25

|        |   |    |       |
|--------|---|----|-------|
| Length | 9 | 15 | Screw |
|--------|---|----|-------|



SCAN 01



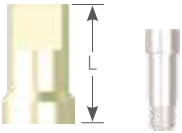
SCAN 01-15



SSC 2008H

## UFII Regular / Wide

- Only use Multiunit Straight (MSA) / Multiunit Angled (MAA) Abutment
- Uses 1.2 Hex Driver
- Packing Unit : Scan Adapter + Screw (MCSC 1606)
- Tightening Torque : 5~8Ncm



R W D Ø4.8

Length 8

Unit mm | Scale 1 : 2

|      |             |
|------|-------------|
| Code | MSCAN 4808H |
|------|-------------|

# Scan Retractor

- Precise recognition of maxillar open repository and archive
- Controlling the cheek and tongue mobility at mandibular open repository and archive
- Providing the exact reference point of the marginal scanning area
- Packing Unit : Maxillar – Set (5 Piece) Mandibular – Set (5 Piece)



| Type | Maxillar  | Mandibular |
|------|-----------|------------|
|      | SCANR 01S | SCANR 02S  |

# Wax Denture

- ▶ Made of thermoplastic material that allows easy operation to acquire occlusion with patient's gingiva
- For edentulous patients
- Easily customized
- Enable oral scan
- Packing Unit : Maxillar–1 Piece / Mandibular–1 Piece



| Type   | Maxillar | Mandibular |
|--------|----------|------------|
| Small  | WDU 01   | WDL 01     |
| Medium | WDU 02   | WDL 02     |
| Large  | WDU 03   | WDL 03     |

# Marker

- Use when they have no teeth for reference
- Use for CT imaging for digital implant surgery
- Packing Unit : 1 Set (30ea)



| Type | SGM 5040 |
|------|----------|
|------|----------|

# Pre-Milled Bar

## UFII Narrow

- Packing Unit : Pre-Milled Bar + Screw (UNSAS 1407H) 2ea
- Tightening Torque : 20Ncm



Unit:mm | Scale:1:1

| N        |         |         |          |          |
|----------|---------|---------|----------|----------|
| Type     | Hex     |         | Non-Hex  |          |
| Diameter | Ø10     | Ø12     | Ø10      | Ø12      |
|          | CBUN 01 | CBUN 02 | CBUN 01N | CBUN 02N |

## UFII Regular / Wide

- Packing Unit : Pre-Milled Bar + Screw (SSC 2008H) 2ea
- Tightening Torque : 30~35Ncm



Unit:mm | Scale:1:1

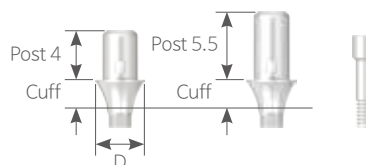
| R W      |             |             |              |              |
|----------|-------------|-------------|--------------|--------------|
| Type     | Hex         |             | Non-Hex      |              |
| Diameter | Ø10         | Ø12         | Ø10          | Ø12          |
|          | CBSS 01 [H] | CBSS 02 [H] | CBSS 01N [H] | CBSS 02N [H] |

# Hybrid Link

- Up to implant platform connection part is made of titanium, making it easy to produce prosthesis for anterior region by cementation the post made of zirconia.
- The library can be downloaded from the website.  
(<https://hq.dionavi.com/cad/cadlib.do>)

## UFII Narrow

- Packing Unit : Hybrid Link + Screw (UNSAS1407H)
- Tightening Torque : 20Ncm



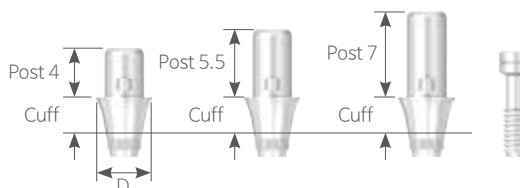
**N D Ø4.0**

Unit:mm | Scale 1 : 1.65

| Type          |          |        | Hex         |
|---------------|----------|--------|-------------|
| Diameter Ø4.0 | Post 4   | Cuff 1 | UNHL 40401H |
|               |          | Cuff 2 | UNHL 40402H |
|               |          | Cuff 3 | UNHL 40403H |
|               | Post 5.5 | Cuff 1 | UNHL 40551H |
|               |          | Cuff 2 | UNHL 40552H |
|               |          | Cuff 3 | UNHL 40553H |

## UFII Regular / Wide

- Packing Unit : Hybrid Link + Screw (SSC 2008H)
- Tightening Torque : 30~35Ncm



**R W**

Unit:mm | Scale 1 : 1.65

| Type          |          |        | Hex             | Non-Hex         |
|---------------|----------|--------|-----------------|-----------------|
| Diameter Ø4.5 | Post 4   | Cuff 1 | UFHL 45401H [H] | UFHL 45401N [H] |
|               |          | Cuff 2 | UFHL 45402H [H] | UFHL 45402N [H] |
|               |          | Cuff 3 | UFHL 45403H [H] | UFHL 45403N [H] |
|               | Post 5.5 | Cuff 1 | UFHL 45501H [H] | UFHL 45501N [H] |
|               |          | Cuff 2 | UFHL 45502H [H] | UFHL 45502N [H] |
|               |          | Cuff 3 | UFHL 45503H [H] | UFHL 45503N [H] |
|               | Post 7   | Cuff 1 | UFHL 45701H [H] | UFHL 45701N [H] |
|               |          | Cuff 2 | UFHL 45702H [H] | UFHL 45702N [H] |
|               |          | Cuff 3 | UFHL 45703H [H] | UFHL 45703N [H] |
|               | Post 4   | Cuff 1 | UFHL 55401H [H] | UFHL 55401N [H] |
|               |          | Cuff 2 | UFHL 55402H [H] | UFHL 55402N [H] |
|               |          | Cuff 3 | UFHL 55403H [H] | UFHL 55403N [H] |
|               | Post 5.5 | Cuff 1 | UFHL 55501H [H] | UFHL 55501N [H] |
|               |          | Cuff 2 | UFHL 55502H [H] | UFHL 55502N [H] |
|               |          | Cuff 3 | UFHL 55503H [H] | UFHL 55503N [H] |
| Diameter Ø5.5 | Post 7   | Cuff 1 | UFHL 55701H [H] | UFHL 55701N [H] |
|               |          | Cuff 2 | UFHL 55702H [H] | UFHL 55702N [H] |
|               |          | Cuff 3 | UFHL 55703H [H] | UFHL 55703N [H] |

# Digital Fixture Analog

- Provides anchor point for abutment on 3D printed model.
- The library can be downloaded from the website.  
(<https://hq.dionavi.com/cad/cadlib.do>)

| N R W Hex    |          |                | Unit mm   Scale 1 : 65 |
|--------------|----------|----------------|------------------------|
| Fixture Size | Narrow   | Regular • Wide |                        |
| Diameter     | Ø 3.0    | Ø 4.5          |                        |
| Hex          | 1.7      | 2.5            |                        |
| Length       | 9        | 11             |                        |
| Code         | DAU 3009 | DAU 4509       |                        |

