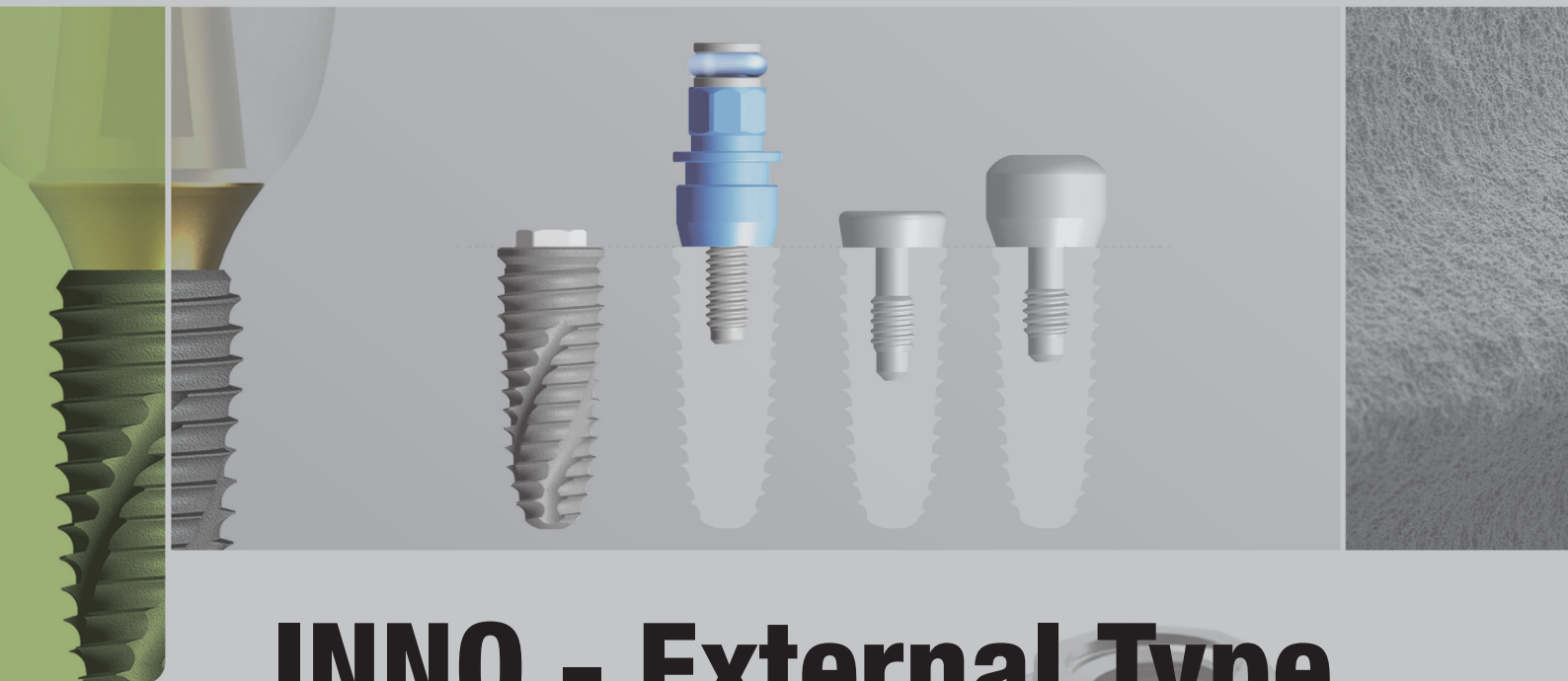


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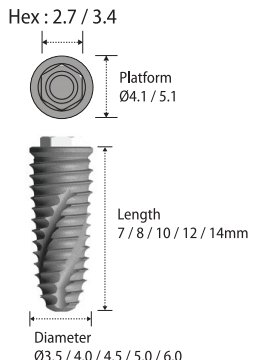



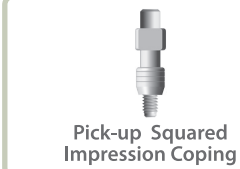
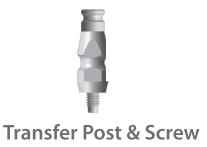



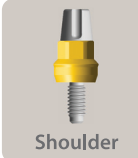

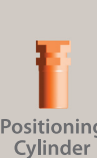

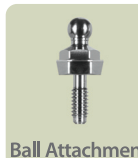



# INN0 - External Type



# INNO-EXTERNAL IMPLANT

## External Implant System Flow

| Fixture  |  | Abutment                     |   | Impression                |   |
|----------|--|------------------------------|---|---------------------------|---|
| External |  | Screw Retained Abutment      | 2 Pieces<br><br><br> | Fixture Level Impression  | <br><br>      |
|          |  | Cement Retained Abutment     | 2 Pieces<br><br>  |                           |   |
|          |  |                              | 1 Piece<br>  | Abutment Level Impression | <br><br> |
|          |  | Attachment Retained Abutment | 1 Piece<br>  | Abutment Level Impression |    |

01

Fixture / Mount / Cover Screw  
Healing Abutment

EXT.  
HEXAGON  
SYSTEM

External Fixture

> Interchangeable with external hexagonal fixture

> External Hex Connection (Hex 2.7 / 3.4)

INNO Fixture Code

E

Type

External

T

body

Taper

40

Diameter

Ø4.0

10

Length

10mm

S

Surface Treatment

SLA

M

Mount

No-Mount

\*Ex.)

SLA No-Mount

ET4010SM

\*Ex.)

SLA Pre-Mount

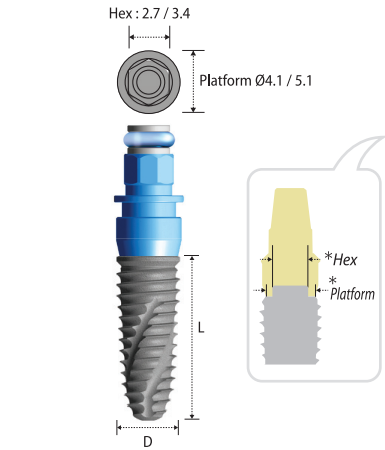
ET4010S

Mount

Pre-Mount

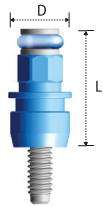
Fixture (Surface Treatment : SLA)

| Type              | No-Mount |          |          |          |          |
|-------------------|----------|----------|----------|----------|----------|
| *Hex              | Hex 2.7  |          | Hex 3.4  |          |          |
| *Platform         | Ø4.1     |          | Ø5.1     |          |          |
| Diameter / Length | Ø3.5     | Ø4.0     | Ø4.5     | Ø5.0     | Ø6.0     |
| 7                 | ET6007SM |          |          |          |          |
| 8                 | ET3508SM | ET4008SM | ET4508SM | ET5008SM | ET6008SM |
| 10                | ET3510SM | ET4010SM | ET4510SM | ET5010SM | ET6010SM |
| 12                | ET3512SM | ET4012SM | ET4512SM | ET5012SM | ET6012SM |
| 14                | ET3514SM | ET4014SM | ET4514SM | ET5014SM |          |



| Type              | Pre-Mount |         |         |         |         |
|-------------------|-----------|---------|---------|---------|---------|
| *Hex              | Hex 2.7   |         | Hex 3.4 |         |         |
| *Platform         | Ø4.1      |         | Ø5.1    |         |         |
| Diameter / Length | Ø3.5      | Ø4.0    | Ø4.5    | Ø5.0    | Ø6.0    |
| 7                 | ET6007S   |         |         |         |         |
| 8                 | ET3508S   | ET4008S | ET4508S | ET5008S | ET6008S |
| 10                | ET3510S   | ET4010S | ET4510S | ET5010S | ET6010S |
| 12                | ET3512S   | ET4012S | ET4512S | ET5012S | ET6012S |
| 14                | ET3514S   | ET4014S | ET4514S | ET5014S |         |

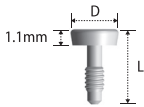
Fixture Mount



|                         |                           |                    |
|-------------------------|---------------------------|--------------------|
| Fixture Dia. [Platform] | Ø3.5 / Ø4.0 / Ø4.5 [Ø4.1] | Ø5.0 / Ø6.0 [Ø5.1] |
| Diameter [Hex]          | Ø4.8 [Hex2.7]             | Ø5.9 [Hex3.4]      |
| Diameter / Length       | Ø4.9                      | Ø5.5               |
| 7.2                     | MER001                    | MEW002             |

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

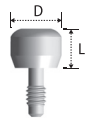
Cover Screw



|                         |                           |                    |
|-------------------------|---------------------------|--------------------|
| Fixture Dia. [Platform] | Ø3.5 / Ø4.0 / Ø4.5 [Ø4.1] | Ø5.0 / Ø6.0 [Ø5.1] |
| Diameter [Hex]          | Ø4.8 [Hex2.7]             | Ø5.9 [Hex3.4]      |
| Diameter / Length       | Ø4.3                      | Ø5.2               |
| 5.8                     | VNR001                    | VNW001             |

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

Healing Abutment

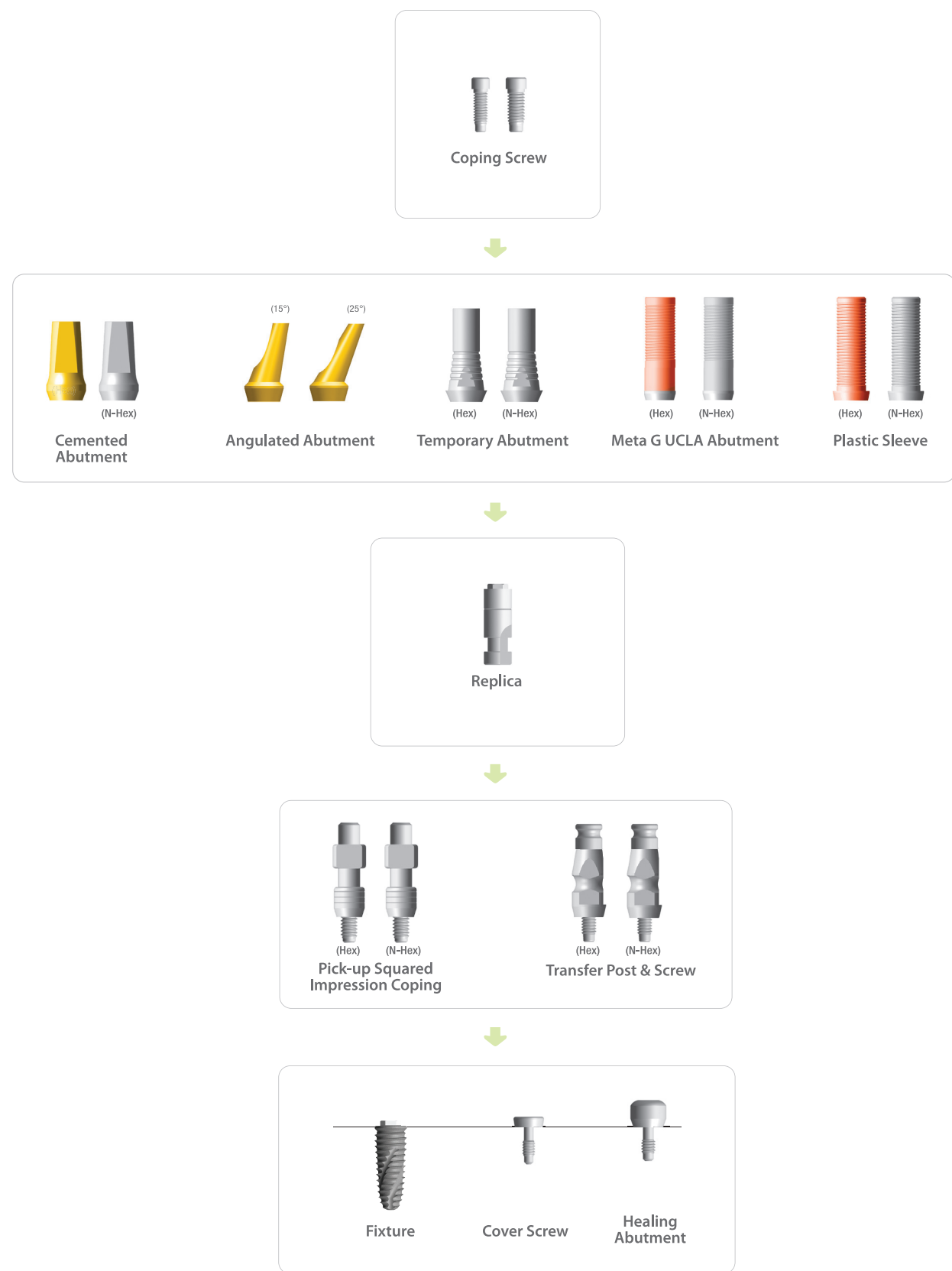
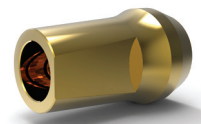


|                         |                           |                    |
|-------------------------|---------------------------|--------------------|
| Fixture Dia. [Platform] | Ø3.5 / Ø4.0 / Ø4.5 [Ø4.1] | Ø5.0 / Ø6.0 [Ø5.1] |
| Diameter [Hex]          | Ø4.8 [Hex2.7]             | Ø5.9 [Hex3.4]      |
| Diameter / Length       | Ø5.0                      | Ø6.0               |
| 2.8                     | HNR502                    | HNW602             |
| 3.8                     | HNR503                    | HNW603             |
| 4.8                     | HNR504                    | HNW604             |
| 5.8                     | HNR505                    | HNW605             |
| 6.8                     | HNR506                    | HNW606             |
| 7.8                     | HNR507                    | HNW607             |

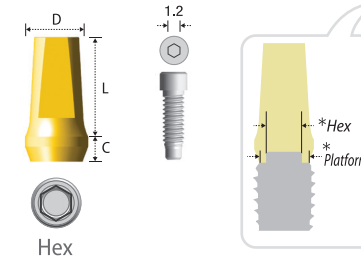
- > During soft tissue healing, Gingival contour is remodeled
- > Items according to gingival thickness and abutment type
- > 1.2 Hex Driver
- > Connecting Torque force : 5~10 Ncm

# 02

## Component Selection Guide for Cemented & UCLA Abutment

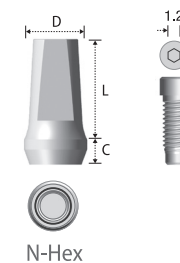


### Cemented Abutment (Hex)



| Type                     | Hex                       |        |                    |        |
|--------------------------|---------------------------|--------|--------------------|--------|
| *Hex                     | Hex2.7                    |        | Hex3.4             |        |
| *Platform [Fixture Dia.] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] |        | Ø5.1 [Ø5.0 / Ø6.0] |        |
| Diameter                 | Ø5.0                      |        | Ø6.0               |        |
| Length Cuff              | 6                         | 8      | 6                  | 8      |
| 1                        | CHR516                    | CHR518 | CHW616             | CHW618 |
| 2                        | CHR526                    | CHR528 | CHW626             | CHW628 |
| 3                        | CHR536                    | CHR538 | CHW636             | CHW638 |
| 4                        | CHR546                    | CHR548 | CHW646             | CHW648 |

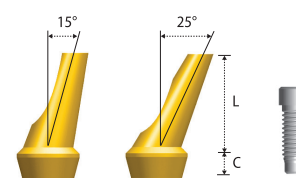
### Cemented Abutment (N-Hex)



| Type                    | N-Hex                     |        |                    |        |
|-------------------------|---------------------------|--------|--------------------|--------|
| Platform [Fixture Dia.] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] |        | Ø5.1 [Ø5.0 / Ø6.0] |        |
| Diameter                | Ø5.0                      |        | Ø6.0               |        |
| Length Cuff             | 6                         | 8      | 6                  | 8      |
| 1                       | CNR516                    | CNR518 | CNW616             | CNW618 |
| 2                       | CNR526                    | CNR528 | CNW626             | CNW628 |
| 3                       | CNR536                    | CNR538 | CNW636             | CNW638 |
| 4                       | CNR546                    | CNR548 | CNW646             | CNW648 |

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

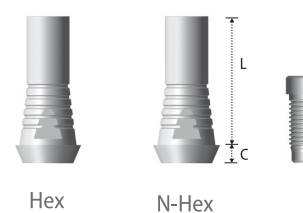
### Angulated Abutment



| Hex                     | Hex2.7                    | Hex3.4             | Hex2.7                    | Hex3.4             |
|-------------------------|---------------------------|--------------------|---------------------------|--------------------|
| Platform [Fixture Dia.] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] | Ø5.1 [Ø5.0 / Ø6.0] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] | Ø5.1 [Ø5.0 / Ø6.0] |
| Angle                   | 15°                       | 15°                | 25°                       | 25°                |
| Length Cuff             | 8                         | 8                  | 8                         | 8                  |
| 2                       | AAR152                    | AAW152             | AAR252                    | AAW252             |
| 3                       | AAR153                    | AAW153             | AAR253                    | AAW253             |
| 4                       | AAR154                    | AAW154             | AAR254                    | AAW254             |

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

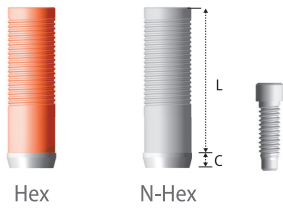
### Temporary Abutment



| Type[Hex]               | Hex[2.7]                  | Hex[3.4]           | N-Hex                     | N-Hex              |
|-------------------------|---------------------------|--------------------|---------------------------|--------------------|
| Platform [Fixture Dia.] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] | Ø5.1 [Ø5.0 / Ø6.0] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] | Ø5.1 [Ø5.0 / Ø6.0] |
| Length Cuff             | 12                        | 12                 | 12                        | 12                 |
| 1.5                     | THR001                    | THW001             | TNR001                    | TNW001             |

- > Temporary single-tooth and bridge restorations
- > Chair-side modification
- > Connecting Torque force : 35 Ncm
- > Individual soft tissue management
- > Use up to 6 months

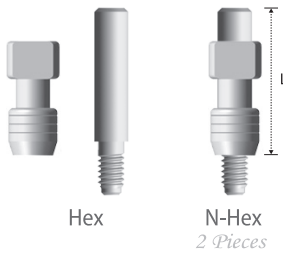
Meta G UCLA Abutment



| Type[Hex]               | Hex[2.7]                  | Hex[3.4]           | N-Hex                     | N-Hex              |
|-------------------------|---------------------------|--------------------|---------------------------|--------------------|
| Platform [Fixture Dia.] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] | Ø5.1 [Ø5.0 / Ø6.0] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] | Ø5.1 [Ø5.0 / Ø6.0] |
| Length<br>Cuff          | 13                        | 13                 | 13                        | 13                 |
| 1.2                     | GHR001N                   | GHW001N            | GNR001N                   | GNW001N            |

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

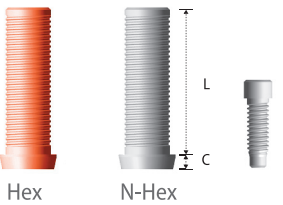
Pick-up Squared Impression Coping



| Type[Hex]               | Hex[2.7]                  | Hex[3.4]           | N-Hex                     | N-Hex              |
|-------------------------|---------------------------|--------------------|---------------------------|--------------------|
| Platform [Fixture Dia.] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] | Ø5.1 [Ø5.0 / Ø6.0] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] | Ø5.1 [Ø5.0 / Ø6.0] |
| Length                  | 17                        | 17                 | 17                        | 17                 |
|                         | IHR500                    | IHW600             | INR500                    | INW600             |

- > With open tray

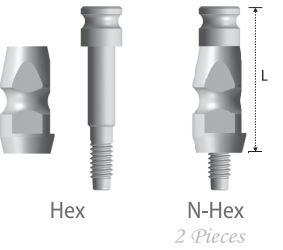
Plastic Sleeve



| Type[Hex]               | Hex[2.7]                  | Hex[3.4]           | N-Hex                     | N-Hex              |
|-------------------------|---------------------------|--------------------|---------------------------|--------------------|
| Platform [Fixture Dia.] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] | Ø5.1 [Ø5.0 / Ø6.0] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] | Ø5.1 [Ø5.0 / Ø6.0] |
| Length<br>Cuff          | 11.8                      | 11.8               | 11.8                      | 11.8               |
| 1.2                     | PHR001                    | PHW001             | PNR001                    | PNW001             |

- > Material : PMMA (Polymethyl Methacrylatey)
- > For Screw Retained Prosthesis
- > Cast with Non-precious metal or Gold alloy
- > Modification to Angulated Abutment Customized Abutment and Telescopic system
- > Exact adaptation to the soft tissue contour
- > Connecting Torque force : Finger light force During wax pattern fabrication 35 Ncm after casting

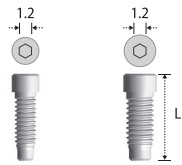
Transfer Post & Screw



| Type[Hex]               | Hex[2.7]                  | Hex[3.4]           | N-Hex                     | N-Hex              |
|-------------------------|---------------------------|--------------------|---------------------------|--------------------|
| Platform [Fixture Dia.] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] | Ø5.1 [Ø5.0 / Ø6.0] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] | Ø5.1 [Ø5.0 / Ø6.0] |
| Length                  | 13                        | 13                 | 13                        | 13                 |
|                         | IHR510                    | IHW610             | INR510                    | INW610             |

- > With closed tray

Coping Screw



| Hex                     | Hex2.7                    | Hex3.4             |
|-------------------------|---------------------------|--------------------|
| Platform [Fixture Dia.] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] | Ø5.1 [Ø5.0 / Ø6.0] |
| Length                  | 8                         | 8                  |
|                         | SHR100                    | SHW100             |

Replica

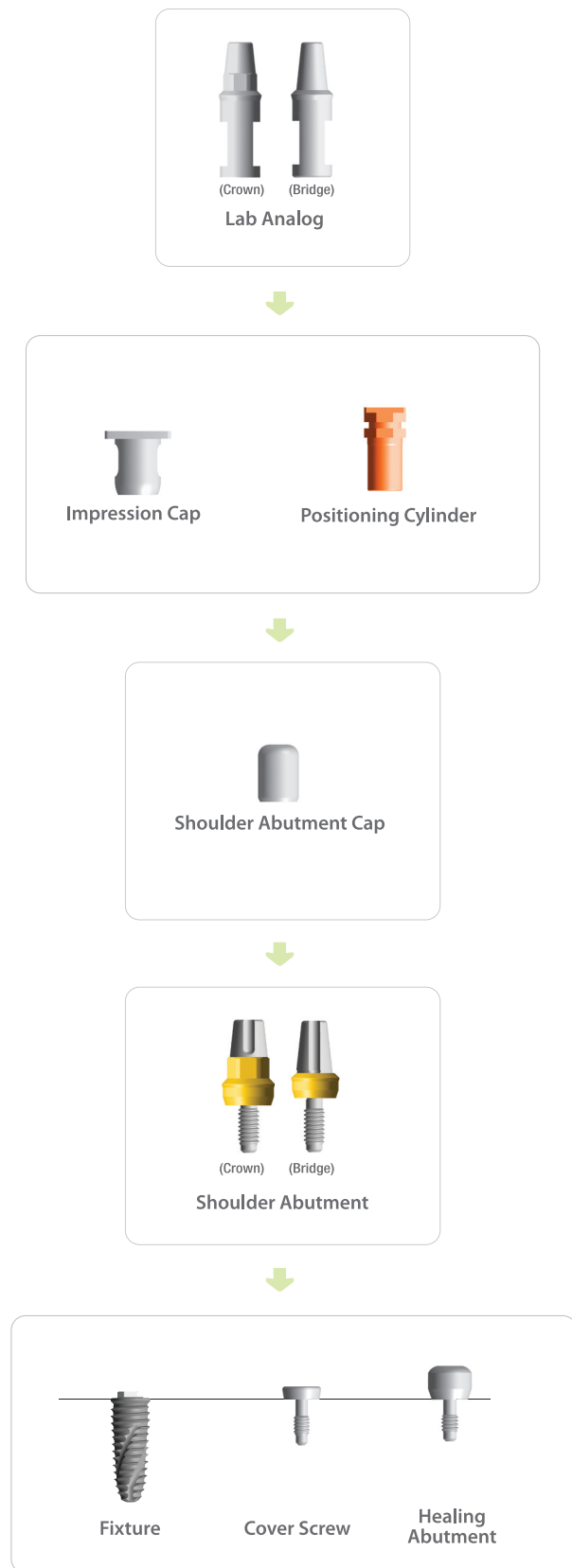


| Hex                     | Hex2.7                    | Hex3.4             |
|-------------------------|---------------------------|--------------------|
| Platform [Fixture Dia.] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] | Ø5.1 [Ø5.0 / Ø6.0] |
| Length                  | 12                        | 12                 |
|                         | LHR001                    | LHW001             |

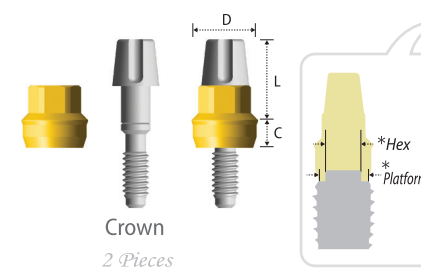
- > Mimicking of Conical interface of Fixture
- > Analog of fixture for cast model

03

Component Selection Guide for  
*Shoulder Abutment*

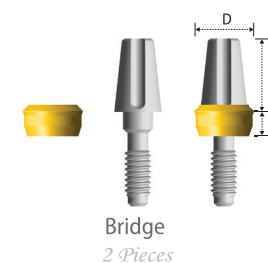


Shoulder Abutment (Crown)



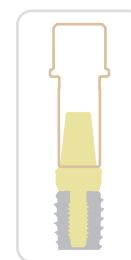
| Type                     | Crown                     |        |        |                    |        |        |
|--------------------------|---------------------------|--------|--------|--------------------|--------|--------|
| *Hex                     | Hex2.7                    |        |        | Hex3.4             |        |        |
| *Platform [Fixture Dia.] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] |        |        | Ø5.1 [Ø5.0 / Ø6.0] |        |        |
| Diameter                 | Ø4.8                      |        |        | Ø5.9               |        |        |
| Length<br>Cuff           | 4                         | 5.5    | 7      | 4                  | 5.5    | 7      |
| 1                        | SAC414                    | SAC415 | SAC417 | SAC514             | SAC515 | SAC517 |
| 2                        | SAC424                    | SAC425 | SAC427 | SAC524             | SAC525 | SAC527 |
| 3                        | SAC434                    | SAC435 | SAC437 | SAC534             | SAC535 | SAC537 |
| 4                        | SAC444                    | SAC445 | SAC447 | SAC544             | SAC545 | SAC547 |

Shoulder Abutment (Bridge)

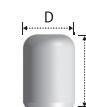


| Type                    | Bridge                    |        |        |                    |        |        |
|-------------------------|---------------------------|--------|--------|--------------------|--------|--------|
| Hex                     | Hex2.7                    |        |        | Hex3.4             |        |        |
| Platform [Fixture Dia.] | Ø4.1 [Ø3.5 / Ø4.0 / Ø4.5] |        |        | Ø5.1 [Ø5.0 / Ø6.0] |        |        |
| Diameter                | Ø4.8                      |        |        | Ø5.9               |        |        |
| Length<br>Cuff          | 4                         | 5.5    | 7      | 4                  | 5.5    | 7      |
| 1                       | SAB414                    | SAB415 | SAB417 | SAB514             | SAB515 | SAB517 |
| 2                       | SAB424                    | SAB425 | SAB427 | SAB524             | SAB525 | SAB527 |
| 3                       | SAB434                    | SAB435 | SAB437 | SAB534             | SAB535 | SAB537 |
| 4                       | SAB444                    | SAB445 | SAB447 | SAB544             | SAB545 | SAB547 |

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



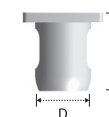
Shoulder Abutment Cap



| Diameter<br>Length | Ø5.4    | Ø6.5    |
|--------------------|---------|---------|
| 6.2                | IASR140 | IASW140 |
| 7.7                | IASR155 | IASW155 |
| 9.2                | IASR170 | IASW170 |

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

Impression Cap

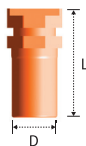


| Diameter<br>Length | Ø5.6    | Ø6.7    |
|--------------------|---------|---------|
| 8                  | IICR001 | IICW001 |

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



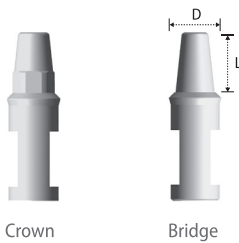
Positioning Cylinder



| <div>Diameter</div> <div>Length</div> | Ø4.4    | Ø5.5    |
|---------------------------------------|---------|---------|
| 10.7                                  | SAPR001 | SAPW001 |

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

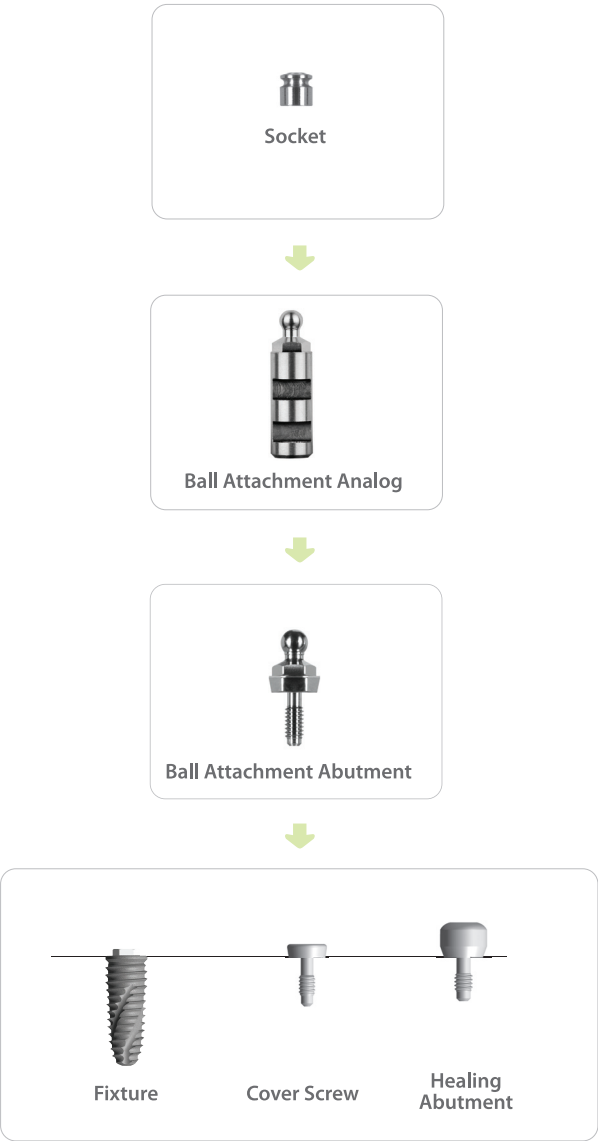
Lab Analog



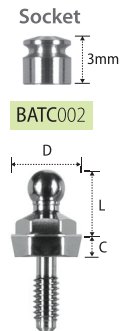
| Type                                  | Crown   |         | Bridge  |         |
|---------------------------------------|---------|---------|---------|---------|
| <div>Diameter</div> <div>Length</div> | Ø4.8    | Ø5.9    | Ø4.8    | Ø5.9    |
| 4                                     | SLCR040 | SLCW040 | SLBR040 | SLBW040 |
| 5.5                                   | SLCR055 | SLCW055 | SLBR055 | SLBW055 |
| 7                                     | SLCR070 | SLCW070 | SLBR070 | SLBW070 |

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

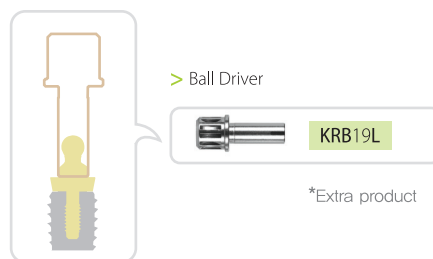
04 *Component Selection Guide for*  
***Ball Attachment Abutment***



## Ball Attachment Abutment

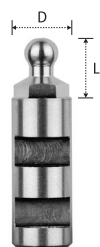


| Diameter       | Ø5.0    | Ø6.0    |
|----------------|---------|---------|
| Length<br>Cuff | 4       | 4       |
| 1              | EBAT411 | EBAT511 |
| 2              | EBAT412 | EBAT512 |
| 3              | EBAT413 | EBAT513 |
| 4              | EBAT414 | EBAT514 |



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

## Ball Attachment Analog



| Diameter<br>Length | Ø4.0    |
|--------------------|---------|
| 4                  | SBAL400 |

- > Replacement of Abutment shape in cast model