

# JUST

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IMPLANT SYSTEM

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# INTERNAL

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Quality  
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# JUST

IMPLANT SYSTEM

# INTERNAL

**KJ MEDITECH CO.,Ltd.**

We will continue to create the  
Valuable Medical Products.



# 01. JUST INTERNAL

## STRUCTURE FEATURES

### Open Thread

- Prevents bone necrosis
- Reduce stress concentration

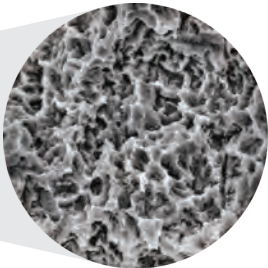
### Tapered Thread

- Powerful self-threading design
- Excellent initial bonding stability with soft bone

### Bladed Cutting Edge

- Excellent self-threading force
- Easy path change

### Surface Treatment

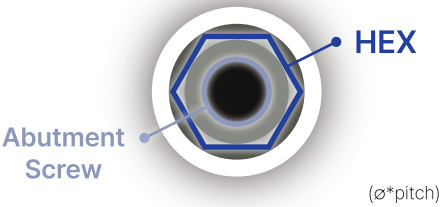


### Cork screw Thread

- Stress distribution
- Excellent initial fixation
- High primary stability
- Ensures implant path
- Decrease sensitivity on drill size
- Superior self-threading

### Optimized Apex Design

- Self-drilling ability
- Stable initial fixation even at 3mm below the extract socket

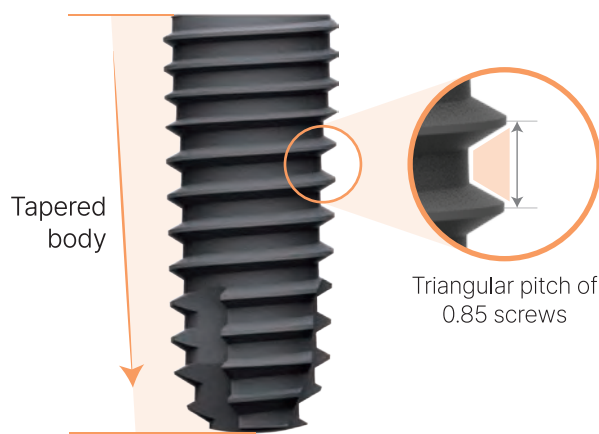


| Fixture Dia.           | Hex | Screw    |
|------------------------|-----|----------|
| ø3.5                   | 2.1 | M1.6*0.4 |
| ø4.0 / 4.5 / 5.0 / 6.0 | 2.5 | M2.0*0.4 |

- A variety of diameters and lengths are available for various oral environments.
- Securing a platform switching effect that minimizes bone resorption and enhances soft tissue volume.

## Tapered Thread

Excellent stability in various bone conditions

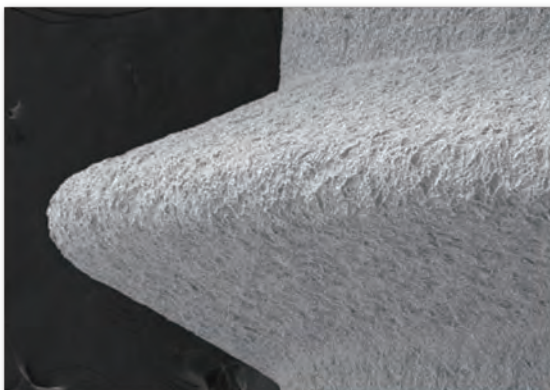


- Increased initial stability with tapered body design
- Improved initial stability in soft bone by using smaller threads at the top section
- Easy and smooth insertion
- Strong and superior self-threading effect for easy fixture path

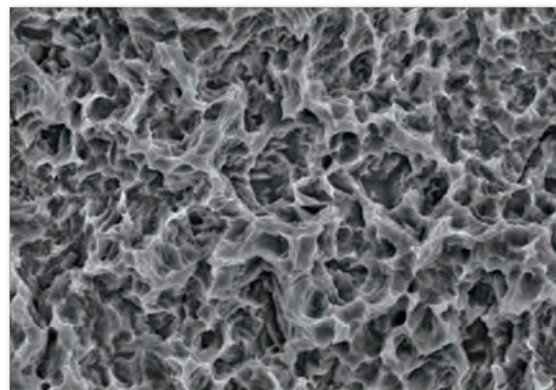
## SLA Surface

Sandblasted with Large grits and Acid etched

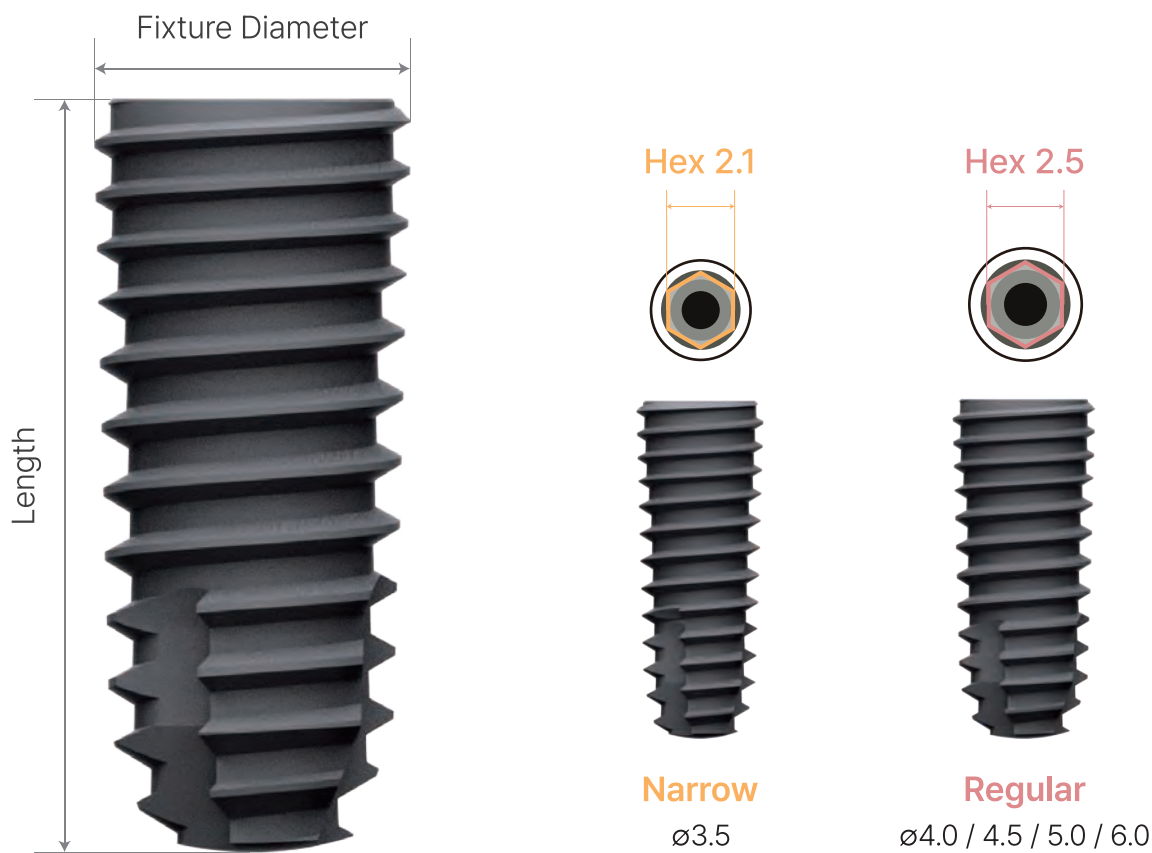
- Surface roughness of Ra 1.5~2.5 $\mu$ m
- Enhances osseointegration between the implant and bone tissue
- Biologically safe and helps efficient recovery
- Excellent bone response performance



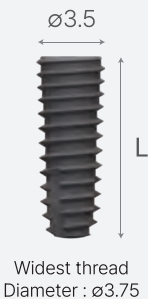
JUST IMPLANT SLA SURFACE  $\times 100$  SEM

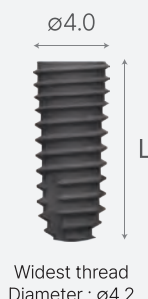


$\times 3000$  SEM



( Unit : mm, Scale 1:1 )

| Fixture Diameter ø3.5                                                               |        |          |          |          |          |          |
|-------------------------------------------------------------------------------------|--------|----------|----------|----------|----------|----------|
|  | Length | 7.0      | 8.5      | 10.0     | 11.5     | 13.0     |
| REF                                                                                 | NONE   | TFS3508N | TFS3510N | TFS3511N | TFS3513N | TFS3515N |

| Fixture Diameter ø4.0                                                               |         |         |         |         |         |         |
|-------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|
|  | Length  | 7.0     | 8.5     | 10.0    | 11.5    | 13.0    |
| REF                                                                                 | TFS4007 | TFS4008 | TFS4010 | TFS4011 | TFS4013 | TFS4015 |

( Unit : mm, Scale 1:1 )

Fixture Diameter  $\varnothing 4.5$



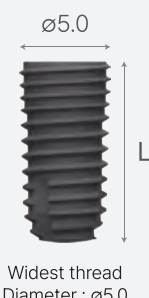
$\varnothing 4.5$

L

Widest thread Diameter :  $\varnothing 4.5$

| Length | 7.0     | 8.5     | 10.0    | 11.5    | 13.0    | 15.0    |
|--------|---------|---------|---------|---------|---------|---------|
| REF    | TFS4507 | TFS4508 | TFS4510 | TFS4511 | TFS4513 | TFS4515 |

Fixture Diameter  $\varnothing 5.0$



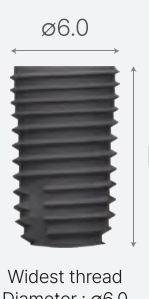
$\varnothing 5.0$

L

Widest thread Diameter :  $\varnothing 5.0$

| Length | 7.0     | 8.5     | 10.0    | 11.5    | 13.0    | 15.0    |
|--------|---------|---------|---------|---------|---------|---------|
| REF    | TFS5007 | TFS5008 | TFS5010 | TFS5011 | TFS5013 | TFS5015 |

Fixture Diameter  $\varnothing 6.0$



$\varnothing 6.0$

L

Widest thread Diameter :  $\varnothing 6.0$

| Length | 7.0     | 8.5     | 10.0    | 11.5    | 13.0    | 15.0    |
|--------|---------|---------|---------|---------|---------|---------|
| REF    | TFS6007 | TFS6008 | TFS6010 | TFS6011 | TFS6013 | TFS6015 |



# COVER SCREW

- Packing unit : Cover Screw
- Use a 1.2 Hex Driver
- Tightening torque : 5~8Ncm

( Unit : mm, Scale 1.5:1 )

| Fixture Dia.                                                            | D                 | H   | REF |
|-------------------------------------------------------------------------|-------------------|-----|-----|
| $\varnothing 3.5$                                                       | $\varnothing 2.8$ | 0.2 | CSN |
| $\varnothing 4.0 / \varnothing 4.5 / \varnothing 5.0 / \varnothing 6.0$ | $\varnothing 3.4$ | 0.4 | CSR |

# HEALING ABUTMENT

- Laser marking for Healing abutment information
- Packing unit : Healing abutment
- Use a 1.2 Hex Driver
- Tightening torque : 5~8Ncm



## ø3.5 Fixture Diameter

( Unit : mm, Scale 1:1 )

| D / H | 3.0                                                                                 | 4.0                                                                                 | 5.0                                                                                 | 7.0                                                                                   | 9.0                                                                                   |
|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|       |  |  |  |  |  |
| ø4.0  | HAN4030                                                                             | HAN4040                                                                             | HAN4050                                                                             | HAN4070                                                                               | HAN4090                                                                               |
| ø4.5  | HAN4530                                                                             | HAN4540                                                                             | HAN4550                                                                             | HAN4570                                                                               | HAN4590                                                                               |

## ø4.0/4.5/5.0/6.0 Fixture Diameter

( Unit : mm, Scale 1:1 )

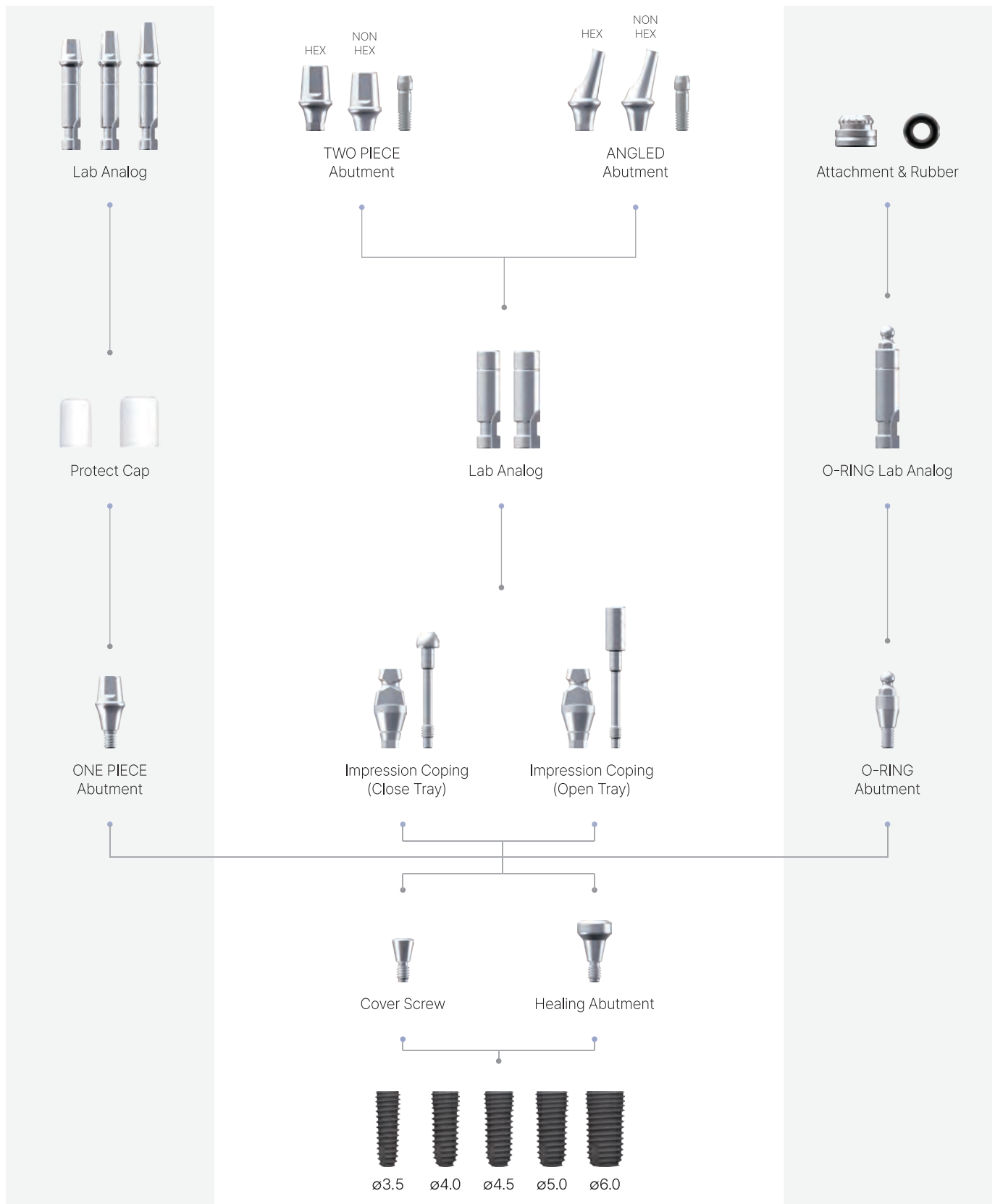
| D / H | 3.0                                                                                 | 4.0                                                                                 | 5.0                                                                                 | 7.0                                                                                   | 9.0                                                                                   |
|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|       |  |  |  |  |  |
| ø4.0  | HAR4030                                                                             | HAR4040                                                                             | HAR4050                                                                             | HAR4070                                                                               | HAR4090                                                                               |
| ø4.5  | HAR4530                                                                             | HAR4540                                                                             | HAR4550                                                                             | HAR4570                                                                               | HAR4590                                                                               |
| ø5.0  | HAR5030                                                                             | HAR5040                                                                             | HAR5050                                                                             | HAR5070                                                                               | HAR5090                                                                               |
| ø6.0  | HAR6030                                                                             | HAR6040                                                                             | HAR6050                                                                             | HAR6070                                                                               | HAR6090                                                                               |
| ø7.0  | HAR7030                                                                             | HAR7040                                                                             | HAR7050                                                                             | HAR7070                                                                               | HAR7090                                                                               |
| ø8.0  |                                                                                     |                                                                                     | HAR8050                                                                             |                                                                                       |                                                                                       |

# ■ ■ JUST INTERNAL FLOW DIAGRAM ■ ■

## One piece TYPE

## Two piece TYPE

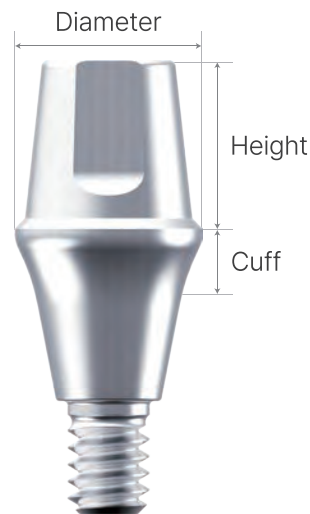
## O-ring TYPE



## FIXTURE

# ONE PIECE ABUTMENT

- Use to make temporary prothesis
- Use a 1.2 Hex Driver
- Tightening torque : 30Ncm



## ø3.5 Fixture Diameter

( Unit : mm, Height 4.0 standard Scale 1:1 )

| D    | H \ C | 1.0                                                                                 | 2.0                                                                                 | 3.0                                                                                 | 4.0                                                                                   | 5.0                                                                                   |
|------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| ø4.0 |       |  |  |  |  |  |
|      | 4.0   | OPAN40104                                                                           | OPAN40204                                                                           | OPAN40304                                                                           | OPAN40404                                                                             | OPAN40504                                                                             |
|      | 5.5   | OPAN40105                                                                           | OPAN40205                                                                           | OPAN40305                                                                           | OPAN40405                                                                             | OPAN40505                                                                             |
|      | 7.0   | OPAN40107                                                                           | OPAN40207                                                                           | OPAN40307                                                                           | OPAN40407                                                                             | OPAN40507                                                                             |

| D    | H \ C | 1.0                                                                                 | 2.0                                                                                 | 3.0                                                                                 | 4.0                                                                                   | 5.0                                                                                   |
|------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| ø4.5 |       |  |  |  |  |  |
|      | 4.0   | OPAN45104                                                                           | OPAN45204                                                                           | OPAN45304                                                                           | OPAN45404                                                                             | OPAN45504                                                                             |
|      | 5.5   | OPAN45105                                                                           | OPAN45205                                                                           | OPAN45305                                                                           | OPAN45405                                                                             | OPAN45505                                                                             |
|      | 7.0   | OPAN45107                                                                           | OPAN45207                                                                           | OPAN45307                                                                           | OPAN45407                                                                             | OPAN45507                                                                             |

## ø4.0/4.5/5.0/6.0 Fixture Diameter

( Unit : mm, Height 4.0 standard Scale 1:1 )

| D    | H \ C | 1.0                                                                               | 2.0                                                                               | 3.0                                                                               | 4.0                                                                                 | 5.0                                                                                 |
|------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ø4.0 |       |  |  |  |  |  |
|      | 4.0   | OPAR40104                                                                         | OPAR40204                                                                         | OPAR40304                                                                         | OPAR40404                                                                           | OPAR40504                                                                           |
|      | 5.5   | OPAR40105                                                                         | OPAR40205                                                                         | OPAR40305                                                                         | OPAR40405                                                                           | OPAR40505                                                                           |
|      | 7.0   | OPAR40107                                                                         | OPAR40207                                                                         | OPAR40307                                                                         | OPAR40407                                                                           | OPAR40507                                                                           |

| D    | H \ C | 1.0                                                                               | 2.0                                                                               | 3.0                                                                               | 4.0                                                                                 | 5.0                                                                                 |
|------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ø4.5 |       |  |  |  |  |  |
|      | 4.0   | OPAR45104                                                                         | OPAR45204                                                                         | OPAR45304                                                                         | OPAR45404                                                                           | OPAR45504                                                                           |
|      | 5.5   | OPAR45105                                                                         | OPAR45205                                                                         | OPAR45305                                                                         | OPAR45405                                                                           | OPAR45505                                                                           |
|      | 7.0   | OPAR45107                                                                         | OPAR45207                                                                         | OPAR45307                                                                         | OPAR45407                                                                           | OPAR45507                                                                           |

| D    | H \ C | 1.0                                                                                 | 2.0                                                                                 | 3.0                                                                                 | 4.0                                                                                   | 5.0                                                                                   |
|------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| ø5.0 |       |  |  |  |  |  |
|      | 4.0   | OPAR50104                                                                           | OPAR50204                                                                           | OPAR50304                                                                           | OPAR50404                                                                             | OPAR50504                                                                             |
|      | 5.5   | OPAR50105                                                                           | OPAR50205                                                                           | OPAR50305                                                                           | OPAR50405                                                                             | OPAR50505                                                                             |
|      | 7.0   | OPAR50107                                                                           | OPAR50207                                                                           | OPAR50307                                                                           | OPAR50407                                                                             | OPAR50507                                                                             |

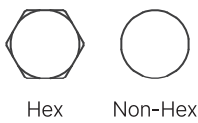
| D    | H \ C | 1.0                                                                                 | 2.0                                                                                 | 3.0                                                                                 | 4.0                                                                                   | 5.0                                                                                   |
|------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| ø6.0 |       |  |  |  |  |  |
|      | 4.0   | OPAR60104                                                                           | OPAR60204                                                                           | OPAR60304                                                                           | OPAR60404                                                                             | OPAR60504                                                                             |
|      | 5.5   | OPAR60105                                                                           | OPAR60205                                                                           | OPAR60305                                                                           | OPAR60405                                                                             | OPAR60505                                                                             |
|      | 7.0   | OPAR60107                                                                           | OPAR60207                                                                           | OPAR60307                                                                           | OPAR60407                                                                             | OPAR60507                                                                             |

| D    | H \ C | 1.0                                                                                 | 2.0                                                                                 | 3.0                                                                                 | 4.0                                                                                   | 5.0                                                                                   |
|------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| ø7.0 |       |  |  |  |  |  |
|      | 4.0   | OPAR70104                                                                           | OPAR70204                                                                           | OPAR70304                                                                           | OPAR70404                                                                             | OPAR70504                                                                             |
|      | 5.5   | OPAR70105                                                                           | OPAR70205                                                                           | OPAR70305                                                                           | OPAR70405                                                                             | OPAR70505                                                                             |
|      | 7.0   | OPAR70107                                                                           | OPAR70207                                                                           | OPAR70307                                                                           | OPAR70407                                                                             | OPAR70507                                                                             |

# TWO PIECE ABUTMENT

- Packing unit : Abutment + Abutment Screw
- Use for making general cement-type prosthesis
- Tapered body design facilitating prosthetic fit
- Cross-section design for the prevention of prosthesis rotation
- Use a 1.2 Hex Driver

\* Tightening torque  
 \*  $\varnothing 3.5$  : 20Ncm  
 \*  $\varnothing 4.0/4.5/5.0/6.0$  : 30Ncm



## $\varnothing 3.5$ Fixture Diameter

( Unit : mm, Height 5.5 standard Scale 1:1)

| D                 | H \ C | 1.0           | 2.0        | 3.0        | 4.0        | 5.0        |
|-------------------|-------|---------------|------------|------------|------------|------------|
| $\varnothing 4.0$ |       |               |            |            |            |            |
|                   | Hex   | 5.5 TPAN40105 | TPAN40205  | TPAN40305  | TPAN40405  | TPAN40505  |
|                   | 7.0   | TPAN40107     | TPAN40207  | TPAN40307  | TPAN40407  | TPAN40507  |
| Non Hex           | 5.5   | TPAN40105N    | TPAN40205N | TPAN40305N | TPAN40405N | TPAN40505N |
|                   | 7.0   | TPAN40107N    | TPAN40207N | TPAN40307N | TPAN40407N | TPAN40507N |

| D                 | H \ C | 1.0           | 2.0        | 3.0        | 4.0        | 5.0        |
|-------------------|-------|---------------|------------|------------|------------|------------|
| $\varnothing 4.5$ |       |               |            |            |            |            |
|                   | Hex   | 4.0 TPAN45104 | TPAN45204  | TPAN45304  | TPAN45404  | TPAN45504  |
|                   | 5.5   | TPAN45105     | TPAN45205  | TPAN45305  | TPAN45405  | TPAN45505  |
|                   | 7.0   | TPAN45107     | TPAN45207  | TPAN45307  | TPAN45407  | TPAN45507  |
| Non Hex           | 4.0   | TPAN45104N    | TPAN45204N | TPAN45304N | TPAN45404N | TPAN45504N |
|                   | 5.5   | TPAN45105N    | TPAN45205N | TPAN45305N | TPAN45405N | TPAN45505N |
|                   | 7.0   | TPAN45107N    | TPAN45207N | TPAN45307N | TPAN45407N | TPAN45507N |

## ø4.0/4.5/5.0/6.0 Fixture Diameter

( Unit : mm, Height 5.5 standard Scale 1:1)

| D       | H \ C | 1.0                                                                               | 2.0                                                                               | 3.0                                                                               | 4.0                                                                                 | 5.0                                                                                 |
|---------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ø4.5    |       |  |  |  |  |  |
|         | 4.5   | TPAR45104                                                                         | TPAR45204                                                                         | TPAR45304                                                                         | TPAR45404                                                                           | TPAR45504                                                                           |
|         | 5.5   | TPAR45105                                                                         | TPAR45205                                                                         | TPAR45305                                                                         | TPAR45405                                                                           | TPAR45505                                                                           |
| Hex     | 7.0   | TPAR45107                                                                         | TPAR45207                                                                         | TPAR45307                                                                         | TPAR45407                                                                           | TPAR45507                                                                           |
|         | 4.5   | TPAR45104N                                                                        | TPAR45204N                                                                        | TPAR45304N                                                                        | TPAR45404N                                                                          | TPAR45504N                                                                          |
|         | 5.5   | TPAR45105N                                                                        | TPAR45205N                                                                        | TPAR45305N                                                                        | TPAR45405N                                                                          | TPAR45505N                                                                          |
| Non Hex | 7.0   | TPAR45107N                                                                        | TPAR45207N                                                                        | TPAR45307N                                                                        | TPAR45407N                                                                          | TPAR45507N                                                                          |

| D       | H \ C | 1.0                                                                               | 2.0                                                                               | 3.0                                                                               | 4.0                                                                                 | 5.0                                                                                 |
|---------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ø5.0    |       |  |  |  |  |  |
|         | 4.5   | TPAR50104                                                                         | TPAR50204                                                                         | TPAR50304                                                                         | TPAR50404                                                                           | TPAR50504                                                                           |
|         | 5.5   | TPAR50105                                                                         | TPAR50205                                                                         | TPAR50305                                                                         | TPAR50405                                                                           | TPAR50505                                                                           |
| Hex     | 7.0   | TPAR50107                                                                         | TPAR50207                                                                         | TPAR50307                                                                         | TPAR50407                                                                           | TPAR50507                                                                           |
|         | 4.5   | TPAR50104N                                                                        | TPAR50204N                                                                        | TPAR50304N                                                                        | TPAR50404N                                                                          | TPAR50504N                                                                          |
|         | 5.5   | TPAR50105N                                                                        | TPAR50205N                                                                        | TPAR50305N                                                                        | TPAR50405N                                                                          | TPAR50505N                                                                          |
| Non Hex | 7.0   | TPAR50107N                                                                        | TPAR50207N                                                                        | TPAR50307N                                                                        | TPAR50407N                                                                          | TPAR50507N                                                                          |

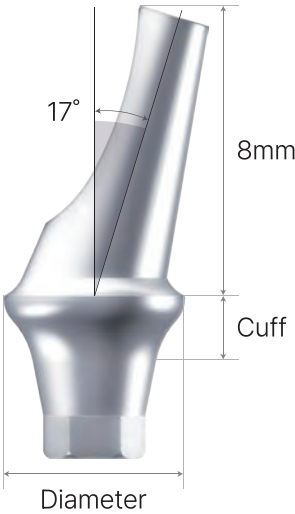
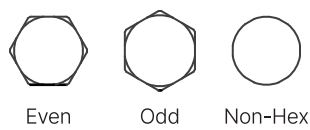
| D       | H \ C | 1.0                                                                                 | 2.0                                                                                 | 3.0                                                                                 | 4.0                                                                                   | 5.0                                                                                   |
|---------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| ø6.0    |       |  |  |  |  |  |
|         | 4.5   | TPAR60104                                                                           | TPAR60204                                                                           | TPAR60304                                                                           | TPAR60404                                                                             | TPAR60504                                                                             |
|         | 5.5   | TPAR60105                                                                           | TPAR60205                                                                           | TPAR60305                                                                           | TPAR60405                                                                             | TPAR60505                                                                             |
| Hex     | 7.0   | TPAR60107                                                                           | TPAR60207                                                                           | TPAR60307                                                                           | TPAR60407                                                                             | TPAR60507                                                                             |
|         | 4.5   | TPAR60104N                                                                          | TPAR60204N                                                                          | TPAR60304N                                                                          | TPAR60404N                                                                            | TPAR60504N                                                                            |
|         | 5.5   | TPAR60105N                                                                          | TPAR60205N                                                                          | TPAR60305N                                                                          | TPAR60405N                                                                            | TPAR60505N                                                                            |
| Non Hex | 7.0   | TPAR60107N                                                                          | TPAR60207N                                                                          | TPAR60307N                                                                          | TPAR60407N                                                                            | TPAR60507N                                                                            |

| D       | H \ C | 1.0                                                                                 | 2.0                                                                                 | 3.0                                                                                 | 4.0                                                                                   | 5.0                                                                                   |
|---------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| ø7.0    |       |  |  |  |  |  |
|         | 4.5   | TPAR70104                                                                           | TPAR70204                                                                           | TPAR70304                                                                           | TPAR70404                                                                             | TPAR70504                                                                             |
|         | 5.5   | TPAR70105                                                                           | TPAR70205                                                                           | TPAR70305                                                                           | TPAR70405                                                                             | TPAR70505                                                                             |
| Hex     | 7.0   | TPAR70107                                                                           | TPAR70207                                                                           | TPAR70307                                                                           | TPAR70407                                                                             | TPAR70507                                                                             |
|         | 4.5   | TPAR70104N                                                                          | TPAR70204N                                                                          | TPAR70304N                                                                          | TPAR70404N                                                                            | TPAR70504N                                                                            |
|         | 5.5   | TPAR70105N                                                                          | TPAR70205N                                                                          | TPAR70305N                                                                          | TPAR70405N                                                                            | TPAR70505N                                                                            |
| Non Hex | 7.0   | TPAR70107N                                                                          | TPAR70207N                                                                          | TPAR70307N                                                                          | TPAR70407N                                                                            | TPAR70507N                                                                            |

# ANGLED ABUTMENT

- Packing unit : Abutment + Abutment Screw
- Use for the path adjustment of prosthesis
- Even / Odd two type hex connection overcoming the limitation of the abutment
- Use a 1.2 Hex Driver

\* Tightening torque  
 \*  $\varnothing 3.5$  : 20Ncm  
 \*  $\varnothing 4.0/4.5/5.0/6.0$  : 30Ncm



## $\varnothing 3.5$ Fixture Diameter

( Unit : mm, Angled 17°, Scale 1:1 )

| D                 | C    | 2.0      |          |          | 4.0      |          |          |
|-------------------|------|----------|----------|----------|----------|----------|----------|
| $\varnothing 4.0$ | TYPE | Even     | Odd      | Non-Hex  | Even     | Odd      | Non-Hex  |
|                   |      |          |          |          |          |          |          |
|                   |      | AAN4020E | AAN4020O | AAN4020N | AAN4040E | AAN4040O | AAN4040N |

| D                 | C    | 2.0      |          |          | 4.0      |          |          |
|-------------------|------|----------|----------|----------|----------|----------|----------|
| $\varnothing 4.5$ | TYPE | Even     | Odd      | Non-Hex  | Even     | Odd      | Non-Hex  |
|                   |      |          |          |          |          |          |          |
|                   |      | AAN4520E | AAN4520O | AAN4520N | AAN4540E | AAN4540O | AAN4540N |

ø4.0/4.5/5.0/6.0 Fixture Diameter

( Unit : mm, Angled 17°, Scale 1:1 )

| D    | C    | 2.0                                                                               |                                                                                   |                                                                                   | 4.0                                                                                |                                                                                     |                                                                                     |
|------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ø4.5 | TYPE | Even                                                                              | Odd                                                                               | Non-Hex                                                                           | Even                                                                               | Odd                                                                                 | Non-Hex                                                                             |
|      |      |  |  |  |  |  |  |
|      |      | AAR4520E                                                                          | AAR4520O                                                                          | AAR4520N                                                                          | AAR4540E                                                                           | AAR4540O                                                                            | AAR4540N                                                                            |

| D    | C    | 2.0                                                                                |                                                                                    |                                                                                    | 4.0                                                                                 |                                                                                      |                                                                                      |
|------|------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| ø5.0 | TYPE | Even                                                                               | Odd                                                                                | Non-Hex                                                                            | Even                                                                                | Odd                                                                                  | Non-Hex                                                                              |
|      |      |  |  |  |  |  |  |
|      |      | AAR5020E                                                                           | AAR5020O                                                                           | AAR5020N                                                                           | AAR5040E                                                                            | AAR5040O                                                                             | AAR5040N                                                                             |

| D    | C    | 2.0                                                                                 |                                                                                     |                                                                                     | 4.0                                                                                  |                                                                                       |                                                                                       |
|------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| ø6.0 | TYPE | Even                                                                                | Odd                                                                                 | Non-Hex                                                                             | Even                                                                                 | Odd                                                                                   | Non-Hex                                                                               |
|      |      |  |  |  |  |  |  |
|      |      | AAR6020E                                                                            | AAR6020O                                                                            | AAR6020N                                                                            | AAR6040E                                                                             | AAR6040O                                                                              | AAR6040N                                                                              |

# O-RING ABUTMENT

- Packing unit : Abutment + O-ring Attachment
- Use for making stud-type overdenture
- Superior stability of retention force
- Maximum path compensation of 20
- Use an O-ring abutment driver
- Tightening torque : 30Ncm



## ø3.5 Fixture Diameter

( Unit : mm, Scale 1:1 )

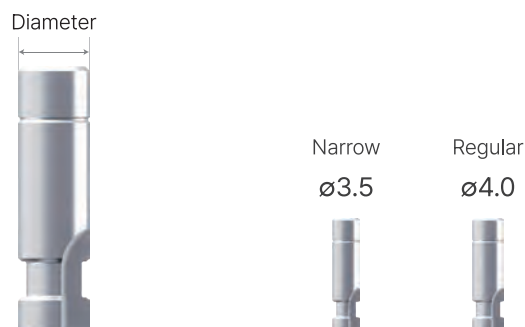
| Cuff | 1.0                                                                                 | 2.0                                                                                 | 3.0                                                                                 | 4.0                                                                                 | 5.0                                                                                   | 6.0                                                                                   |
|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|      |  |  |  |  |  |  |
|      | OAN10C                                                                              | OAN20C                                                                              | OAN30C                                                                              | OAN40C                                                                              | OAN50C                                                                                | OAN60C                                                                                |

## ø4.0/4.5/5.0/6.0 Fixture Diameter

( Unit : mm, Scale 1:1 )

| Cuff | 1.0                                                                                 | 2.0                                                                                 | 3.0                                                                                 | 4.0                                                                                 | 5.0                                                                                   | 6.0                                                                                   |
|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|      |  |  |  |  |  |  |
|      | OAR10C                                                                              | OAR20C                                                                              | OAR30C                                                                              | OAR40C                                                                              | OAR50C                                                                                | OAR60C                                                                                |

| Attachment                                                                          | O-ring Analog                                                                       | Rubber                                                                                |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| OATT<br>(Scale 2:1)                                                                 | AOAL                                                                                | OATR<br>(Scale 2:1)                                                                   |



### Two Piece TYPE

( Unit : mm, Scale 1:1 )

| Fixture Dia.                 | Diameter | REF |
|------------------------------|----------|-----|
| Narrow ( ø3.5 )              | ø3.5     | LAN |
| Regular ( ø4.0/4.5/5.0/6.0 ) | ø4.0     | LAR |



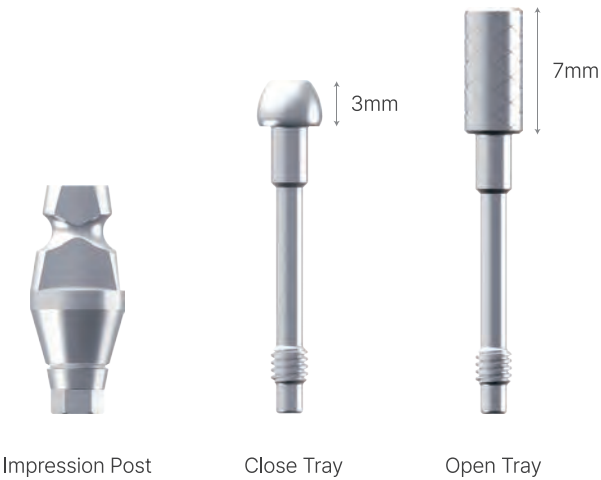
### One Piece TYPE

( Unit : mm, Scale 1:1 )

| Fixture Dia.                 | Height | REF    |
|------------------------------|--------|--------|
| Narrow ( ø3.5 )              | 4.0    | LAON40 |
|                              | 5.5    | LAON50 |
|                              | 7.0    | LAON70 |
| Regular ( ø4.0/4.5/5.0/6.0 ) | 4.0    | LAOR40 |
|                              | 5.5    | LAOR50 |
|                              | 7.0    | LAOR70 |

# IMPRESSION COPING

- Packing unit : Impression Coping post + Impression Coping screw (Open Tray, Close Tray)
- Triangular arc design improves markability following Impression

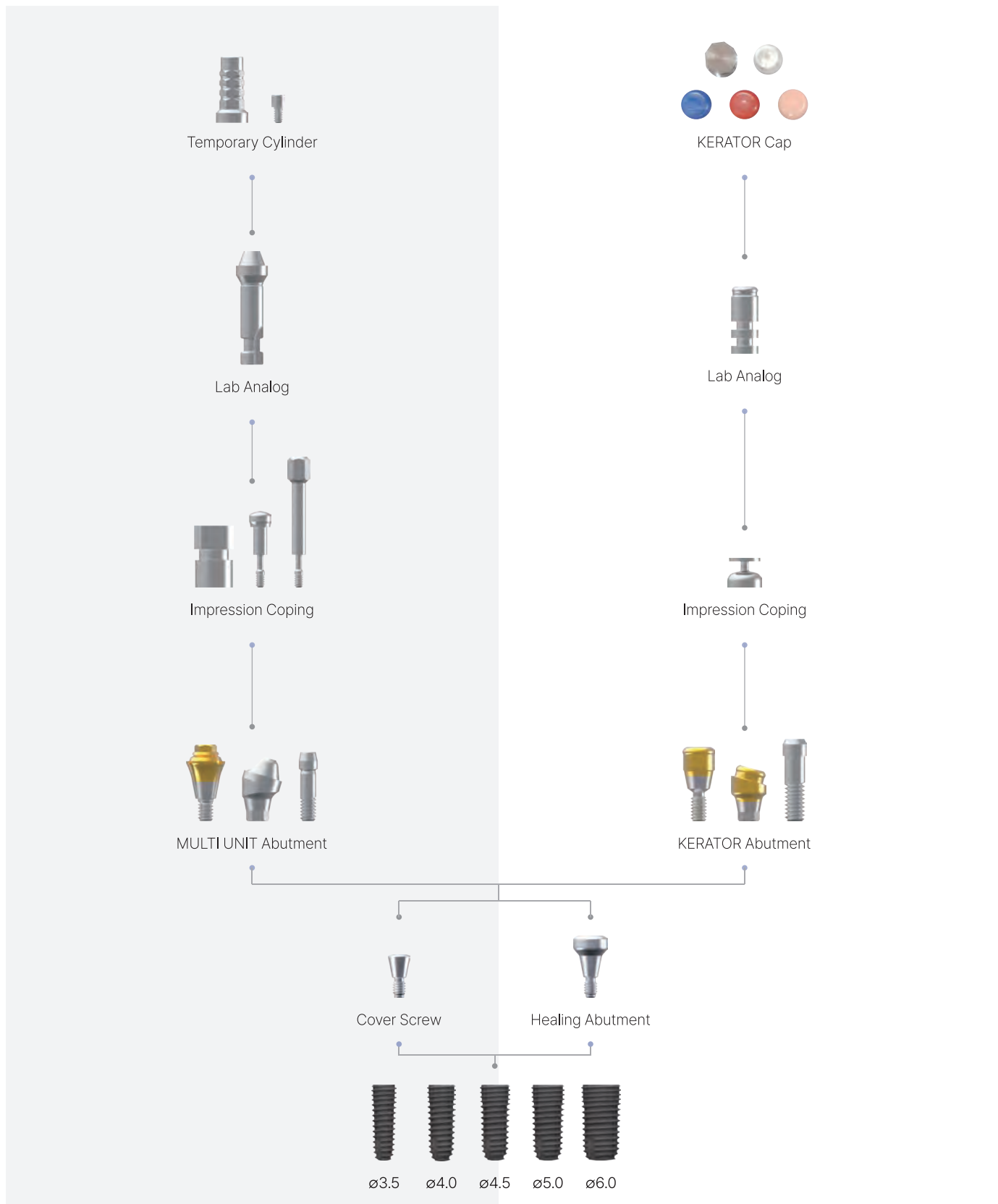


| Fixture Dia.                              | Height | REF  |
|-------------------------------------------|--------|------|
| Narrow ( $\varnothing 3.5$ )              | Open   | ICON |
|                                           | Close  | ICCN |
| Regular ( $\varnothing 4.0/4.5/5.0/6.0$ ) | Open   | ICOR |
|                                           | Close  | ICCR |

# ■ ■ JUST INTERNAL MULTI FLOW DIAGRAM ■ ■

## Multi unit TYPE

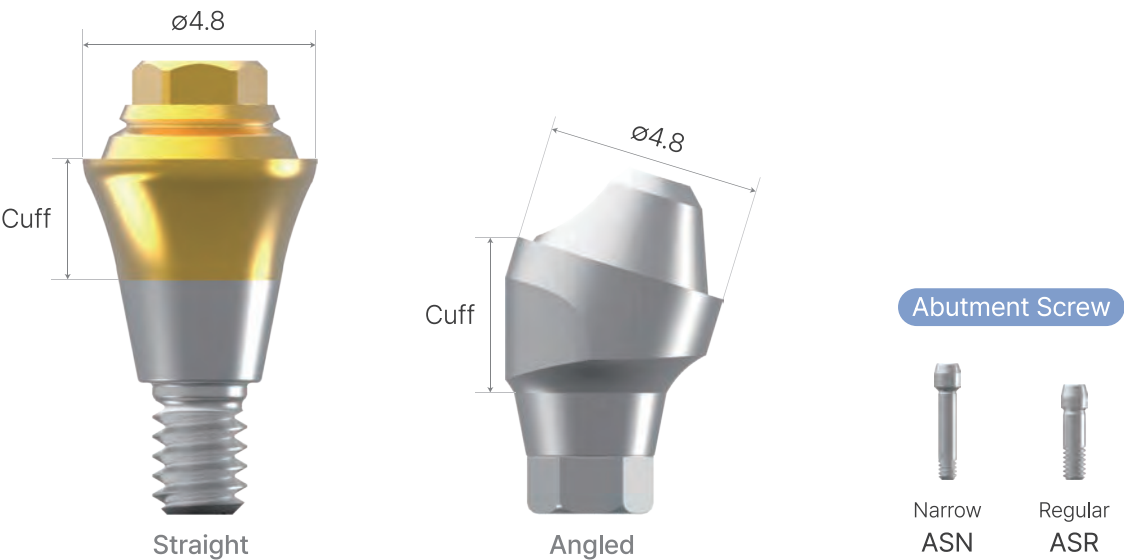
## Kerator TYPE



FIXTURE

# MULTI UNIT ABUTMENT

- Abutment in two types : Straight and Angled
- Tightening torque(Straight type) : 30Ncm
- Tightening torque(Angled type) : Fixture Dia  $\phi 3.5$  - 20Ncm  
 Fixture Dia  $\phi 4.0/4.5/5.0/6.0$  - 30Ncm



## $\phi 3.5$ Fixture Diameter

( Unit : mm, Scale 1:1 )

| Straight   |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Cuff       | 1.5                                                                                 | 2.5                                                                                  | 3.5                                                                                   | 4.5                                                                                   |
|            |  |   |    |  |
|            | MUAJN15                                                                             | MUAJN25                                                                              | MUAJN35                                                                               | MUAJN45                                                                               |
| Angled 17° |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
| Cuff       | 2.5                                                                                 | 3.5                                                                                  | 4.5                                                                                   |                                                                                       |
|            |  |   |  |                                                                                       |
|            | MUAJN17-25                                                                          | MUAJN17-35                                                                           | MUAJN17-45                                                                            |                                                                                       |
| Angled 30° |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
| Cuff       | 3.5                                                                                 | 4.5                                                                                  |                                                                                       |                                                                                       |
|            |  |  |                                                                                       |                                                                                       |
|            | MUAJN30-35                                                                          | MUAJN30-45                                                                           |                                                                                       |                                                                                       |

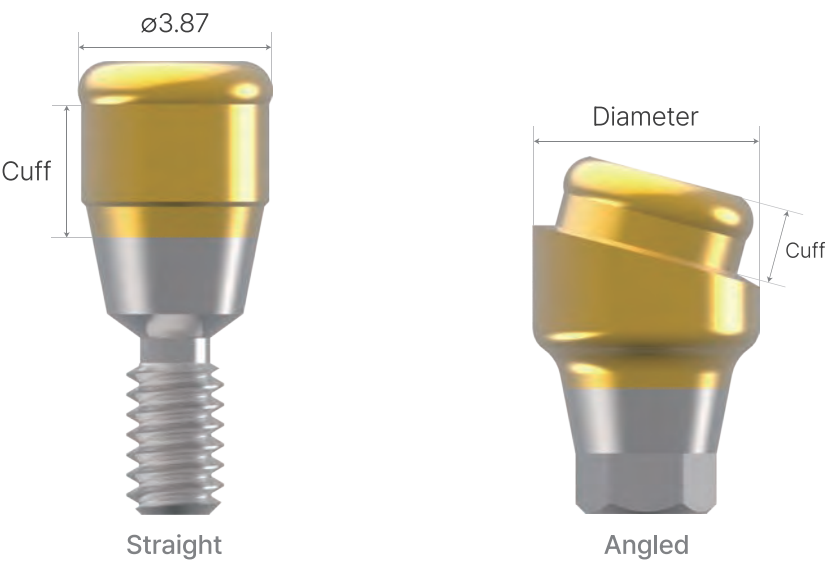
ø4.0/4.5/5.0/6.0 Fixture Diameter

( Unit : mm, Scale 1:1 )

| Straight   |                                                                                     |                                                                                       |                                                                                     |                                                                                     |
|------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Cuff       | 1.5                                                                                 | 2.5                                                                                   | 3.5                                                                                 | 4.5                                                                                 |
|            |    |      |   |  |
|            | MUAJR15                                                                             | MUAJR25                                                                               | MUAJR35                                                                             | MUAJR45                                                                             |
| Angled 17° |                                                                                     |                                                                                       |                                                                                     |                                                                                     |
| Cuff       | 2.5                                                                                 | 3.5                                                                                   | 4.5                                                                                 |                                                                                     |
|            |    |      |  |                                                                                     |
|            | MUAJR17-25                                                                          | MUAJR17-35                                                                            | MUAJR17-45                                                                          |                                                                                     |
| Angled 30° |                                                                                     |                                                                                       |                                                                                     |                                                                                     |
| Cuff       | 3.5                                                                                 | 4.5                                                                                   |                                                                                     |                                                                                     |
|            |  |  |                                                                                     |                                                                                     |
|            | MUAJR30-35                                                                          | MUAJR30-45                                                                            |                                                                                     |                                                                                     |

KERATOR ABUTMENT

- Abutment in two types : Straight and Angled
- Tightening torque(Straight type) : 30Ncm
- Tightening torque(Angled type) : Fixture Dia ø3.5 - 20Ncm  
 Fixture Dia ø4.0/4.5/5.0/6.0 - 30Ncm



ø3.5 Fixture Diameter

( Unit : mm, Scale 1:1 )

| Straight |      |      |      |      |      |      |      |      |
|----------|------|------|------|------|------|------|------|------|
| Cuff     | 1.35 | 1.45 | 2.45 | 3.45 | 4.45 | 5.45 | 6.45 | 7.45 |
|          |      |      |      |      |      |      |      |      |
|          | G350 | G351 | G352 | G353 | G354 | G355 | G356 | G357 |

| Angled 15° (Diameter ø4.3) |           |           |
|----------------------------|-----------|-----------|
| Cuff                       | 1.5       | 3.0       |
|                            |           |           |
|                            | G35AN1.5N | G35AN3.0N |

ø4.0/4.5/5.0/6.0 Fixture Diameter

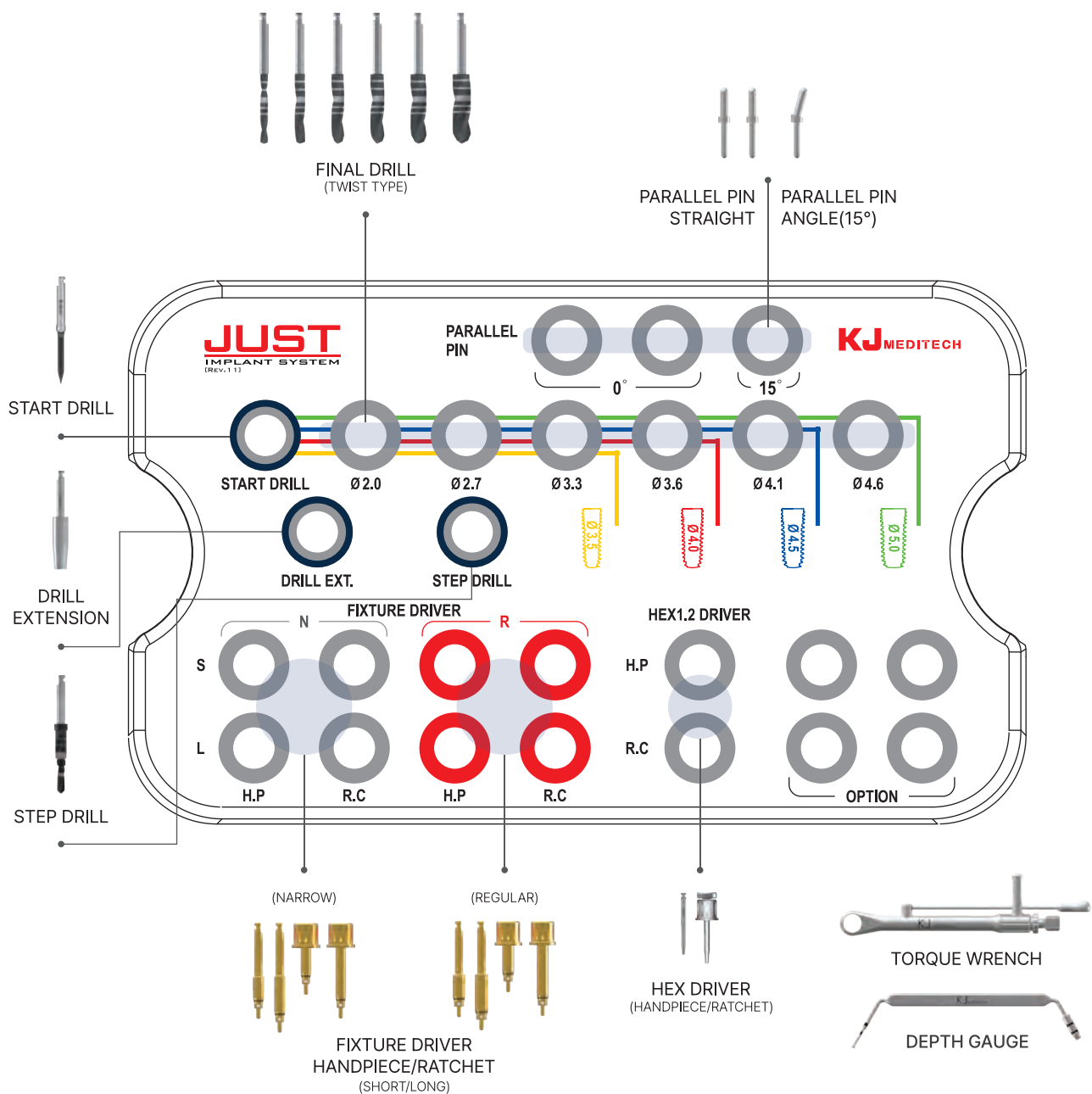
( Unit : mm, Scale 1:1 )

| Straight |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Cuff     | 1.25                                                                              | 1.65                                                                              | 2.65                                                                              | 3.65                                                                              | 4.65                                                                              | 5.65                                                                                | 6.65                                                                                | 7.65                                                                                |
|          |  |  |  |  |  |  |  |  |
|          | G400                                                                              | G401                                                                              | G402                                                                              | G403                                                                              | G404                                                                              | G405                                                                                | G406                                                                                | G407                                                                                |

| Angled 15° (Diameter ø4.5) |                                                                                   |                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Cuff                       | 1.5                                                                               | 3.0                                                                                 |
|                            |  |  |
|                            | G40AN1.5N                                                                         | G40AN3.0N                                                                           |

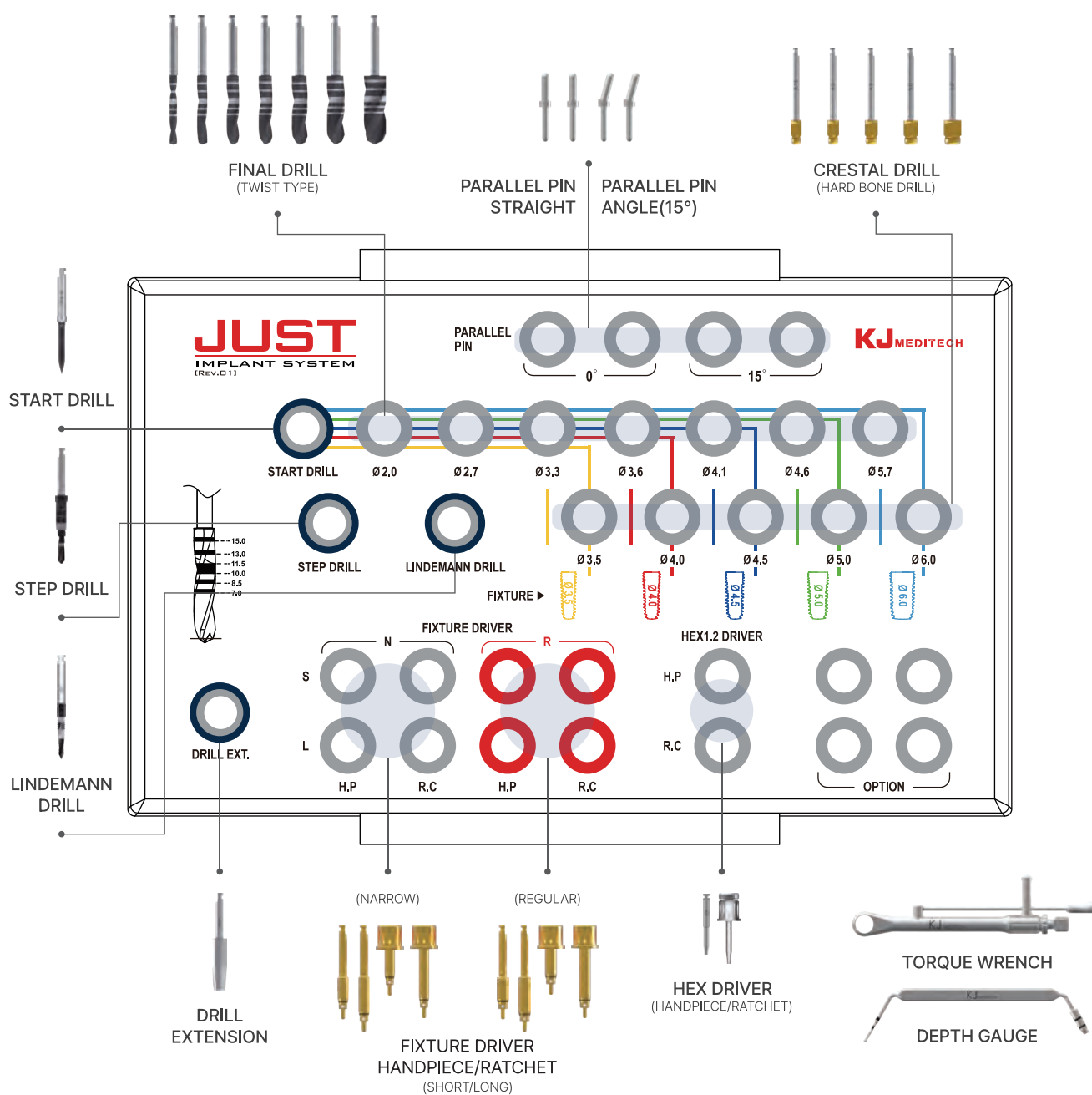
# 02. SURGICAL KIT

REF. ISKAB



## Supporting Precision and stability

REF. ISKA



# KIT COMPONENTS

## Start Drill



| TYPE        | Diameter          | Length(mm) | REF     |
|-------------|-------------------|------------|---------|
| Start Drill | $\varnothing 1.8$ | 33         | ID1815S |

\* Length 38mm/43mm : Separate sales item.

## Step Drill



| TYPE       | Diameter                                                                      | Length(mm) | REF     |
|------------|-------------------------------------------------------------------------------|------------|---------|
| Step Drill | Top $\varnothing 3.0$<br>Middle $\varnothing 2.5$<br>Bottom $\varnothing 2.0$ | 33         | SD1815S |

\* Length 38mm/43mm : Separate sales item.

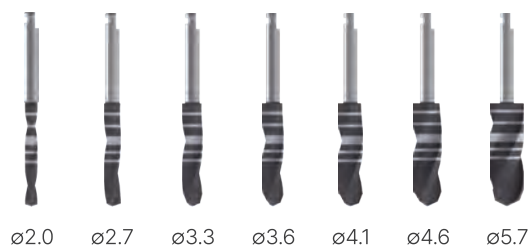
## Lindemann Drill



| TYPE            | Diameter          | Length(mm) | REF     |
|-----------------|-------------------|------------|---------|
| Lindemann Drill | $\varnothing 2.0$ | 33         | LD2015S |

\* Length 38mm/43mm : Separate sales item.

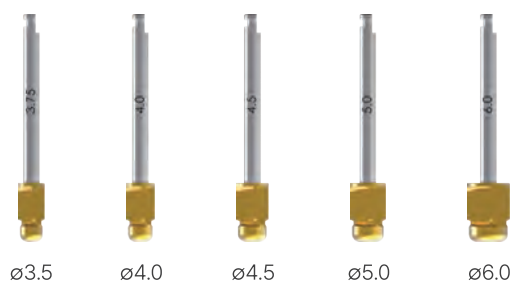
## Final Drill



| Diameter | Length(mm) | REF     |
|----------|------------|---------|
| ø2.0     | 33         | FD2015S |
| ø2.7     |            | FD2715S |
| ø3.3     |            | FD3315S |
| ø3.6     |            | FD3615S |
| ø4.1     |            | FD4115S |
| ø4.6     |            | FD4615S |
| ø5.7     |            | FD5715S |

\* Length 38mm/43mm : Separate sales item.

## Crestal Drill



| Diameter | Length(mm) | REF  |
|----------|------------|------|
| ø3.5     | 33         | CD37 |
| ø4.0     |            | CD40 |
| ø4.5     |            | CD45 |
| ø5.0     |            | CD50 |
| ø6.0     |            | CD60 |

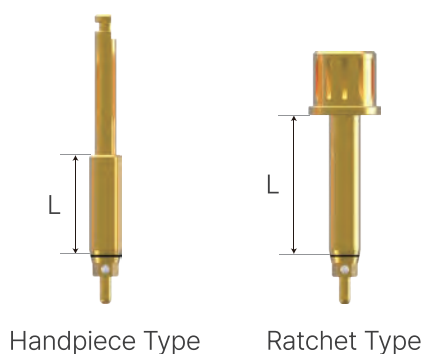
\* Length 38mm/43mm : Separate sales item.

## Drill Extension



| Length(mm) | REF  |
|------------|------|
| 18         | DE18 |

## Fixture Driver



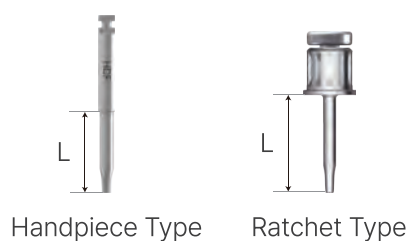
### 01. Handpiece type

| Fixture size      | TYPE  | Length(mm) | REF     |
|-------------------|-------|------------|---------|
| Narrow (Hex 2.1)  | Short | 8          | FDNH25S |
|                   | Long  | 12         | FDNH25L |
| Regular (Hex 2.5) | Short | 8          | FDRH25S |
|                   | Long  | 12         | FDRH25L |

### 02. Ratchet type

| Fixture size      | TYPE  | Length(mm) | REF     |
|-------------------|-------|------------|---------|
| Narrow (Hex 2.1)  | Short | 8          | FDNR25S |
|                   | Long  | 15         | FDNR25L |
| Regular (Hex 2.5) | Short | 8          | FDRR25S |
|                   | Long  | 15         | FDRR25L |

## Hex 1.2 Driver



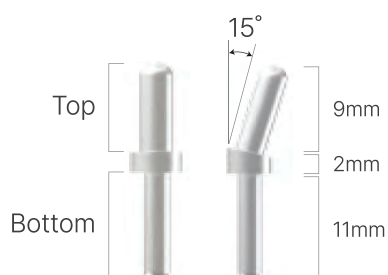
### 01. Handpiece type

| Length(mm) | REF   |
|------------|-------|
| 17         | HDH17 |

### 02. Ratchet type

| TYPE  | Length(mm) | REF   |
|-------|------------|-------|
| Short | 10         | HDS10 |
| Long  | 15         | HDL15 |

## Parallel Pin



| Angle | Top Dia. | Bottom Dia. | REF  |
|-------|----------|-------------|------|
| 0°    | ø2.5     | ø2.0        | PAPS |
| 15°   | ø2.5     | ø2.0        | PAPA |

## Torque Wrench•Depth Gauge



REF RATCHET



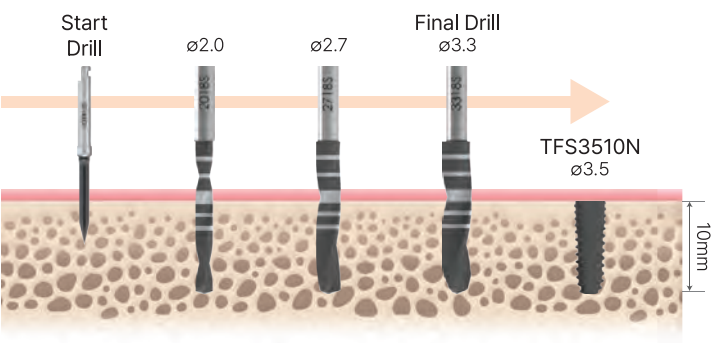
REF DEPG

## ■ ■ KIT PACKAGE STYLE ■ ■



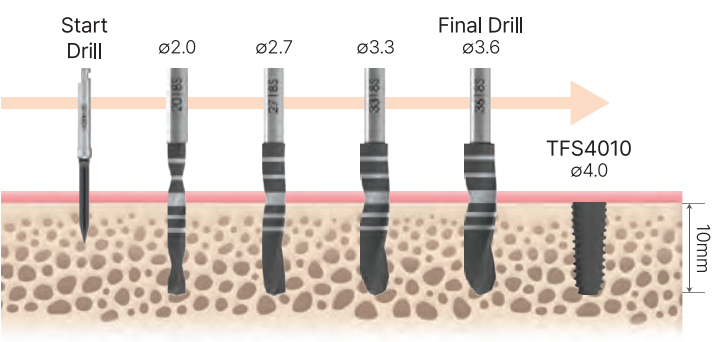
# DRILLING SEQUENCE

## ø3.5 Fixture Drilling Sequence



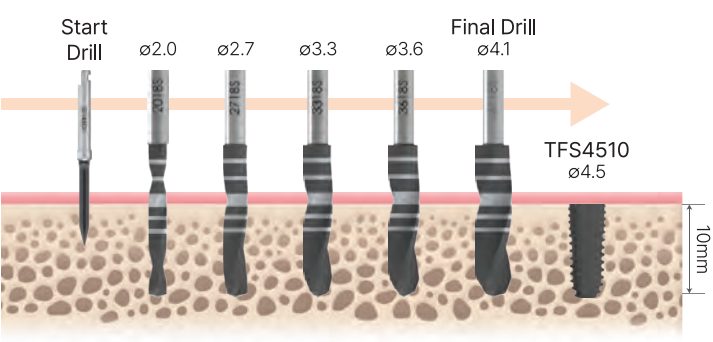
| Implant | Start Drill | ø2.0 | ø2.7 | ø3.3 | Cortical ø3.5 |
|---------|-------------|------|------|------|---------------|
| Soft    |             |      |      |      |               |
| Normal  |             |      |      |      |               |
| Hard    |             |      |      |      |               |

## ø4.0 Fixture Drilling Sequence



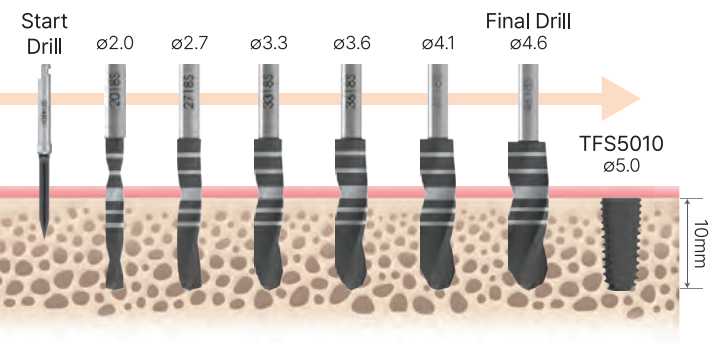
| Implant | Start Drill | ø2.0 | ø2.7 | ø3.3 | ø3.6 | Cortical ø4.0 |
|---------|-------------|------|------|------|------|---------------|
| Soft    |             |      |      |      |      |               |
| Normal  |             |      |      |      |      |               |
| Hard    |             |      |      |      |      |               |

## ø4.5 Fixture Drilling Sequence



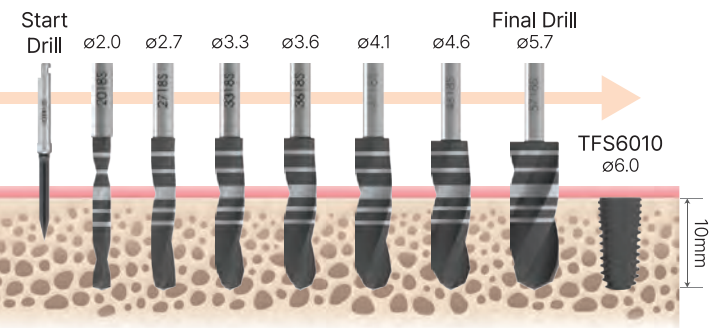
| Implant | Start Drill | ø2.0 | ø2.7 | ø3.3 | ø3.6 | ø4.1 | Cortical ø4.5 |
|---------|-------------|------|------|------|------|------|---------------|
| Soft    |             |      |      |      |      |      |               |
| Normal  |             |      |      |      |      |      |               |
| Hard    |             |      |      |      |      |      |               |

ø5.0 Fixture Drilling Sequence



| Implant | Start Drill | ø2.0 | ø2.7 | ø3.3 | ø3.6 | ø4.1 | ø4.6 | Cortical ø5.0 |
|---------|-------------|------|------|------|------|------|------|---------------|
| Soft    | ●           | ●    | ●    | ●    | ●    | ●    |      |               |
| Normal  | ●           | ●    | ●    | ●    | ●    | ●    | ●    |               |
| Hard    | ●           | ●    | ●    | ●    | ●    | ●    | ●    | ●             |

ø6.0 Fixture Drilling Sequence



| Implant | Start Drill | ø2.0 | ø2.7 | ø3.3 | ø3.6 | ø4.1 | ø4.6 | ø5.7 | Cortical ø6.0 |
|---------|-------------|------|------|------|------|------|------|------|---------------|
| Soft    | ●           | ●    | ●    | ●    | ●    | ●    | ●    |      |               |
| Normal  | ●           | ●    | ●    | ●    | ●    | ●    | ●    | ●    |               |
| Hard    | ●           | ●    | ●    | ●    | ●    | ●    | ●    | ●    | ●             |





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