

ZENEX PLUS R-System

ZENEX PLUS R-System

ZENEX PLUS  
R-System

**IZEN**  
I M P L A N T  
Izenimplant Co.,Ltd.

IZ-CAT-07 Rev.01 (02/22)

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**Z E N E X  
I M P L A N T  
S Y S T E M**

018 ZENEX PLUS R-System



# IZEN Implant, innovative technology in pursuit of **bright smile**

Established in 2016 by developers and researchers who have spent more than 20 years on research and development in dental implants, IZEN Implant have working on developing innovative products to provide the best result to patients. We will continue to grow into a company that meets customers' needs with safe and excellent products made of trust and continuous research and development.

IZEN Implant provides more convenient, stable, and optimized implant system by building product line-up with high-end technology of ZENEX MULTI and ZENEX PLUS.



# History & Global Network



2016. 03

Foundation of IZEN Implant

2016. 06

Acquisition of manufacturing licenses for medical devices  
Report medical device items (Screw driver for dental implant surgery)

2016. 12

Patent registration (Driver holder and driver apparatus for dental engineering, No. 10-1684959)

2017. 03

Patent registration (Driver holder for dental apparatus, No. 10-1714533, No. 10-1714541)

2018. 08

Venture Business Certificate (No. 20180110278)

2018. 09

Foundation of Corporate Affiliated Research Institute (No. 2018114470)

2019. 06

Acquisition of small businesses technology development project (Development of Dental implant abutments and scan body for dental digital system)

2019.12

Patent registration (Abutment and dental implant, No. 10-2062575)



# IZEN

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Your companion armed with active  
and flexible ideas for your satisfaction.

2017.09

Registration of medical devices  
(Apparatus for dental implant  
surgery)

2018.03

Certification of medical  
device items compliance with  
manufacturing and quality  
control standards (KGMP)

2018.04

Medical Device Item Certification  
(Dental implant abutments)

2018.07

Acquisition of ISO 9001 : 2015

2020.01

Medical Device Item  
Certification  
(Orthodontic Screw)

2020.12

Medical Device Item  
Certification  
(Dental implant abutments)

2021.01

Patent registration  
(Implant Lab Analog,  
No. 10-2209274)

2021.05

Acquisition of ISO13485:  
2016 & CE MDD

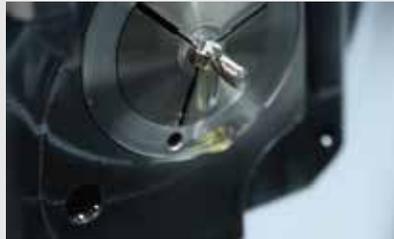
# MANUFACTURE

## Manufacturing



### Materials

Fixture and Abutment of Zenex Multi & Zenex Plus Implant System are produced by titanium which is certified by ASTM.



### Manufacture by CNC Machine

In order to produce Fixture and Abutment of Zenex Multi & Zenex Plus Implant System, the raw materials are manufactured by CNC Machine.



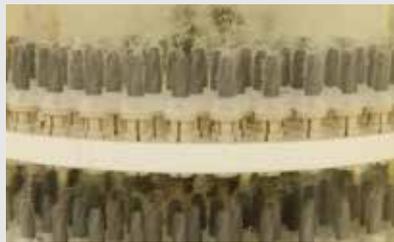
### Manufacture of Half-Finished product

Fixture and Abutment of Zenex Multi & Zenex Plus Implant System are manufactured as a Half-Finished product based on a design of each product.



### Sand Blasting

In case of Fixture, the roughness of surface is increased physically by blasting Alumina Powder for osseointegration through getting a wide SLA surface.



### Etching

In case of Fixture, the roughness of surface is widened by chemical corrosion. After a SLA surface treatment, the surface inspection is done whether any residual acid is on the fixture.



### TiN Coating

For classifying product and aesthetic impression, the electronic-chemical methods are used artificially for TiN coating as a gold color. Applied for some kinds of Abutments.



### Cleaning

Final cleaning for a perfect removal of pollutant is proceeded in the Clean Room. After final cleaning, the inspection will be taken place.



### Packing

After cleaning products, the packing is done in the clean room. The packing is proceeded by automatic system without any foreign pollution.



### Sterilization

For some products, it is sterilized by the short-wavelength of gamma radiation. It is possible to check the sterilization through a color of sticker on the package changed by a gamma radiation. Applied product: Fixture, Fixture Cover Screw, Healing Abutment & Multi Abutment Healing Cap

## Quality Management



After manufacturing product (fixture), Dimension of product is tested by non-contact visual microscope to measure precise dimension.



Our products are tested by fixation force and screw loosening for providing a stable products.



For providing the strength of product and a long-term safety, a fatigue test is done by measuring a mechanical force. Based on ISO14801:2016, the test is taken place.



In order to maintain a stable roughness of SLA Implant surface, the roughness of surface is tested in each lot.



We observe the fixture and abutment is connected internally without any problem before the shipment.

# ZENEX PLUS R-System Contents

ZENEX PLUS  
R-System Fixture  
018



Cover  
Screw  
020



Healing  
Abutment  
021



Temporary  
Abutment  
026



Cemented  
Abutment  
027



Angled  
Abutment  
029



FreeMilling  
Abutment  
032



CCM Cast  
Abutment  
034



Pick-Up  
Impression  
Coping  
035



Transfer  
Impression  
Coping  
037



Fixture Lab  
Analog  
039



Multi Straight  
Abutment  
042



Multi Angled  
Abutment  
043



Multi Temporary  
Cylinder  
044



Multi CCM  
Cast Cylinder  
044



Multi Plastic  
Cast Cylinder  
045



Multi Ti-Link  
Cylinder  
045



Multi Pick-Up  
Impression  
Coping  
046



Multi Transfer  
Impression  
Coping  
046



Multi  
Lab Analog  
047



Multi  
Healing Cap  
047



Multi  
ScanBody  
048



Multi Straight  
Abutment Driver  
048



Ball  
Abutment  
052



Ball Abutment  
Cap Set  
053



Ball Abutment  
Retainer Set  
053



Ball Abutment  
O-ring Set  
054



Ball Abutment  
Lab Analog  
054



Ball Abutment  
Driver  
055



Kerator  
Abutment  
056



Kerator Angled  
Abutment  
057



Kerator  
CDPH Set  
058



Kerator  
Male Cap  
058



Kerator  
Magic Tool  
059



Kerator  
Torque Tip  
059



Kerator  
Impression  
Coping  
060



Kerator Lab  
Analog  
060



ScanBody  
064



Ti Link  
Abutment  
065



Ti Blank  
Abutment  
066



# Kit Contents

ZENEX  
SURGERY KIT  
134



Guide  
Drill  
136



Lindemann  
Drill  
136



Drill  
Extension  
137



Twist  
Drill  
137



Step  
Drill  
138



Drill  
Stopper  
139



Cortical  
Drill  
139



Direction  
Pin  
140



Parallel  
Pin  
141



Fixture  
Driver  
141



1.2 Hex  
Driver  
143



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Torque  
Wrench  
143



Depth  
Gauge  
144



Steel  
Bowl  
144



ZENEX  
SIMPLE KIT  
150



Guide  
Drill  
152



Lindemann  
Drill  
152



Drill  
Extension  
153



Twist  
Drill  
153



Drill  
Stopper  
154



Cortical  
Drill  
154



Direction  
Pin  
155



Parallel  
Pin  
155



Fixture Driver  
156



1.2 Hex Driver  
156



Torque Wrench  
157



Depth Gauge  
157



ZENEX EASY SURGERY KIT  
162



Guide Drill  
164



Lindemann Drill  
164



Drill Extension  
165



Step Drill  
165



Cortical Drill  
167



Direction Pin  
167



Parallel Pin  
168



# IZEN

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Fixture Driver  
168



1.2 Hex Driver  
170



Torque Wrench  
170



Depth Gauge  
171



Steel Bowl  
171



Tissue Punch  
176



Trephine Drill  
176



Bone Profiler  
177



ZENEX SUPERWIDE KIT  
178



Guide Drill  
180



Lindemann Drill  
180



Drill Extension  
181



# Kit Contents

Step Drill  
181 

Cortical Drill  
182 

Direction Pin  
182 

Parallel Pin  
183 

Fixture Driver  
183 

1.2 Hex Driver  
185 

Torque Wrench  
185 

Depth Gauge  
186 

ZENEX PROSTHETIC KIT  
188 

1.2 Hex Driver  
190 

1.2 Hex Machine Screw Driver  
190 

Abutment Remover  
191 

Finger Driver for Driver Shaft  
191 

Ball Abutment Driver  
192 

Multi Straight Abutment Driver  
192 

Torque Wrench  
193 

Kerator Magic Tool  
193 

Kerator Torque Tip  
194 

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**ZENEX PLUS**  
**R-System**



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# ZENEX PLUS R-System

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## COMPOSITION

018 ZENEX PLUS R-System Fixture

020 Cover Screw

021 Healing Abutment

**025 PROSTHETIC FLOW CHART I**

026 Temporary Abutment

027 Cemented Abutment

029 Angled Abutment

032 FreeMilling Abutment

034 CCM Cast Abutment

035 Pick-Up Impression Coping

037 Transfer Impression Coping

039 Fixture Lab Analog

**041 PROSTHETIC FLOW CHART II**

042 Multi Straight Abutment

043 Multi Angled Abutment

044 Components of Multi Abutment

**051 PROSTHETIC FLOW CHART III**

052 Ball Abutment

053 Components of Ball Abutment

056 Kerator Abutment

057 Kerator Angled Abutment

058 Components of Kerator Abutment

**063 PROSTHETIC FLOW CHART IV**

064 ScanBody

065 Ti Link Abutment

066 Ti Blank Abutment

# ZENEX PLUS R-System

- Design features

- Designed for various types of bone



Post shape (Rounded top) optimized for digital dentistry system  
Wide cross-section to prevent crown rotation and secure accurate placement.  
Wide marginal area to prevent crown fracture  
Small screw guide hole to secure strength of abutment  
Optimized abutment screw for Short Fixture

**R** system



5° tapered connection to secure strong fixation  
Internal screw for  
easy tightening and separation of abutment



Platform Switching  
Prevents crestal bone loss after implant placement and provides esthetic result

Two conical contact points  
Strong tightening force of dual contact between fixture and abutment results in less sink-down which leads to preventing screw loosening

Deep screw hole to secure initial stability on weak bone  
Reversed taper design on upper part to minimize stress on bone at implant placement.  
Micro Groove design to minimize bone loss and appreciate esthetic of prosthesis  
1.0 Pitch double thread helps to reduce time for implant placement

# ZENEX PLUS Implant

## Surface features

SEM MAG:30X

SLA surface  
( $\text{Al}_2\text{O}_3$  powder Sand-blast and Acid Etched)

- SLA surface for presenting ideal surface shape
- Surface Roughness Ra 2.0~3.0  $\mu\text{m}$
- Safe surface with no residual acid
- Safer than other implants  
(Proved by ICP/IC Analysis)

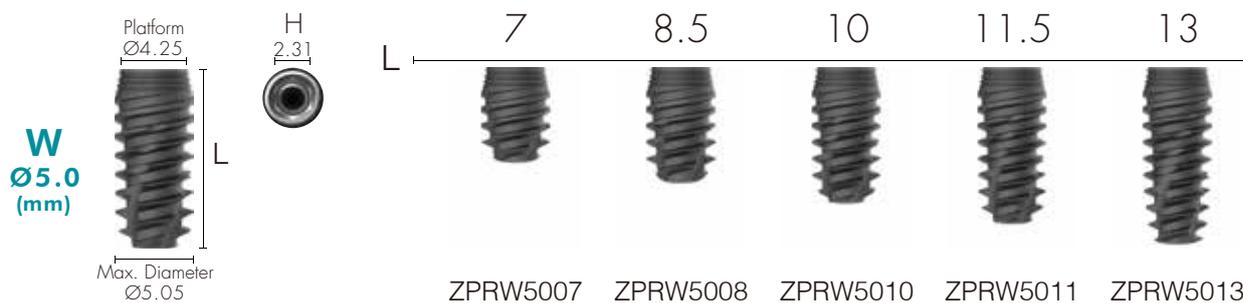
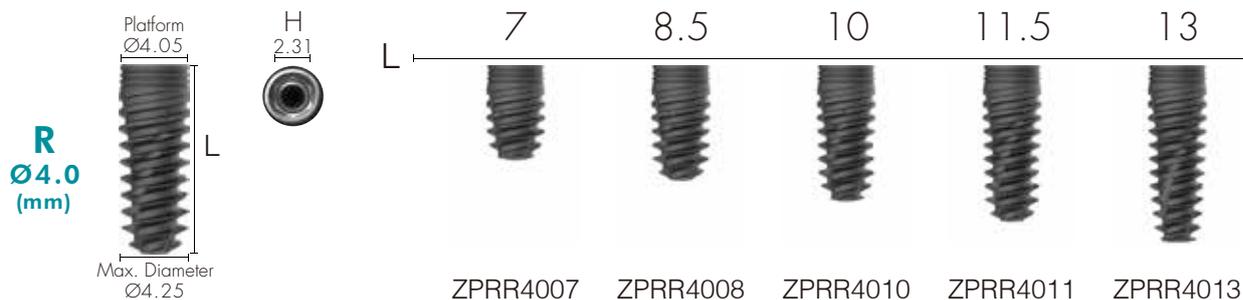
SEM MAG:5000X

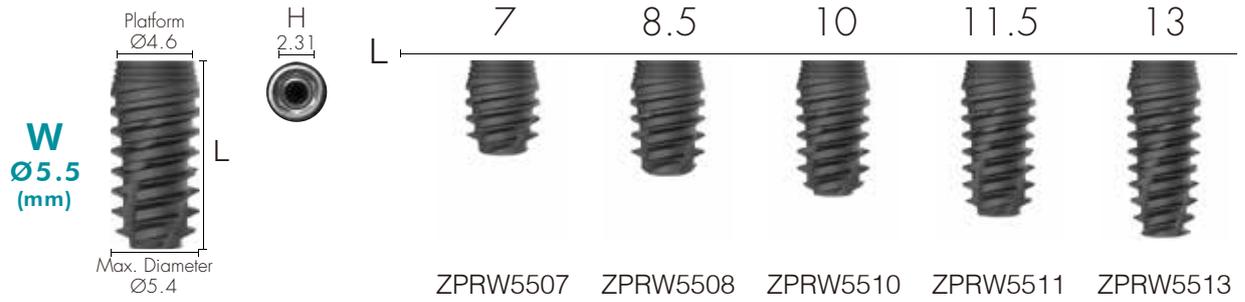
# ZENEX PLUS Fixture R-System

Reversed taper design on upper part to minimize stress on bone when an implant is placed.  
 SLA surface implant  
 Micro Groove design to minimize bone loss and appreciate esthetic of prosthesis  
 Deep screw hole to secure initial stability on weak bone  
 Recommended torque for implant placement: Less than 40Ncm

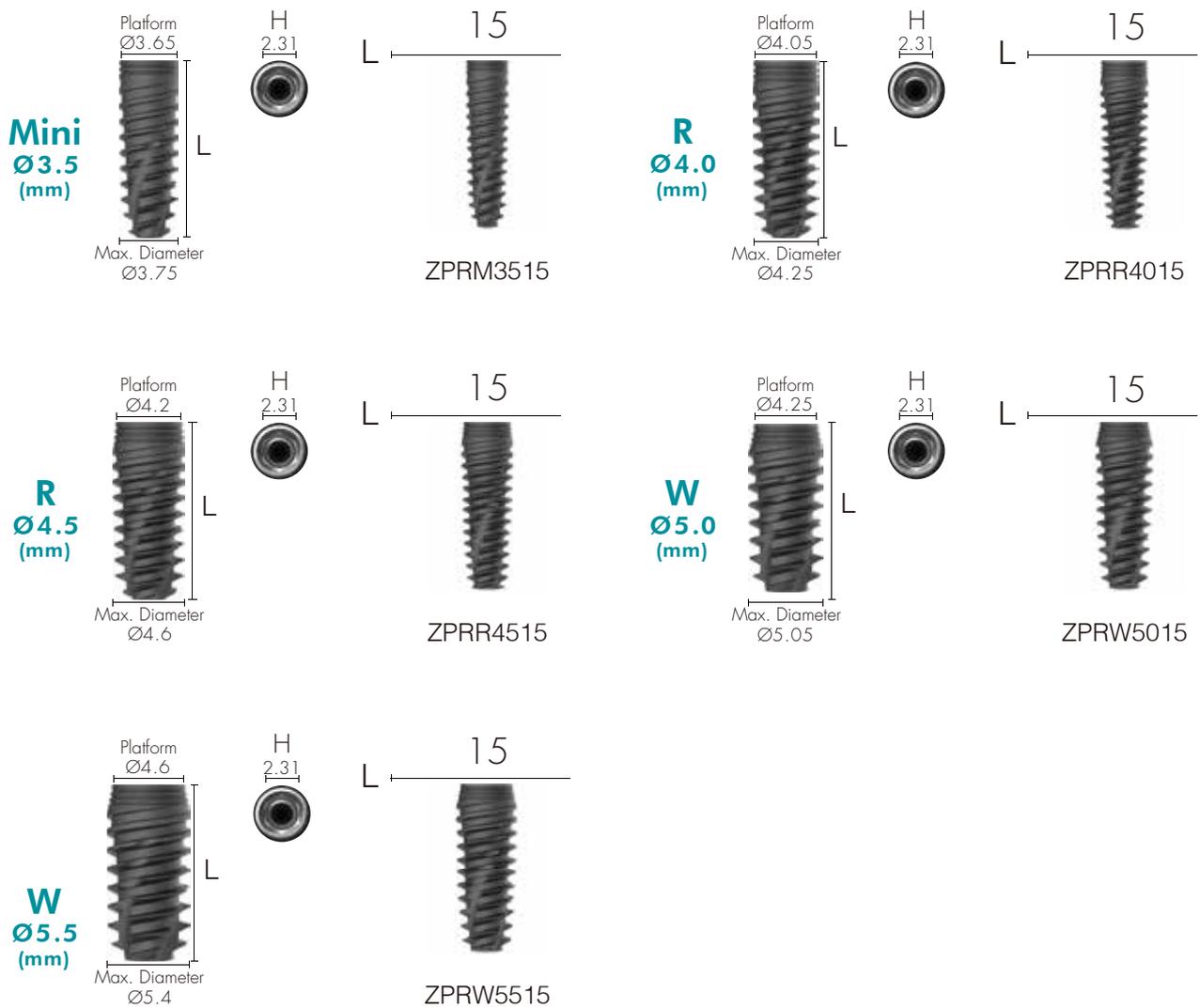
\* Recommend to use fixture bigger than Ø4.5 mm for single case in posterior area

**Cover Screw not included in the Fixture package.**





# Special Options



020 ZENEX PLUS

## Cover Screw

Select appropriate fixture height upon depth of implant placement.  
Select specification fits for fixture connection.

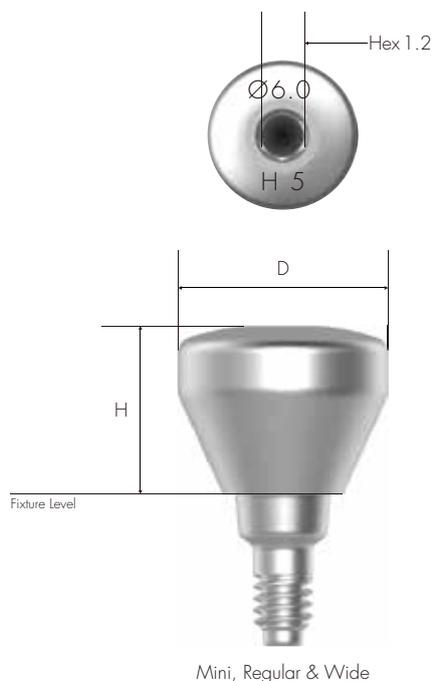
Tighten with 1.2 Hex Driver by hand.  
Recommended tightening torque: 5~8Ncm



# Healing Abutment

Use Healing Abutment fits for the diameter of abutment.  
Use specification fits for fixture connection.

Tighten with 1.2 Hex Driver by hand.  
Recommended tightening torque: 5~8Ncm



O21 ZENEX PLUS

## M/R/W

| H<br>(mm)     | 3.0   | 4.0   | 5.0   |
|---------------|---|---|---|
| D<br>(mm)     |  |  |  |
| $\text{Ø}4.0$ | HARR403   | HARR404   | HARR405   |
| $\text{Ø}5.0$ | HARR503   | HARR504   | HARR505   |
| $\text{Ø}6.0$ | HARR603   | HARR604   | HARR605   |
| $\text{Ø}7.0$ | HARR703   | HARR704   | HARR705   |
| $\text{Ø}8.0$ | HARR803   | HARR804   | HARR805   |
| $\text{Ø}9.0$ | HARR903   | HARR904   | HARR905   |

## M/R/W

| H<br>(mm) | 6.0   | 7.0   | 9.0   |
|-----------|---|---|---|
|           |  |  |  |
| D<br>(mm) |   |   |   |
| Ø4.0      | HARR406   | HARR407   | HARR409   |
| Ø5.0      | HARR506   | HARR507   | HARR509   |
| Ø6.0      | HARR606   | HARR607   | HARR609   |
| Ø7.0      | HARR706   | HARR707   | HARR709   |
| Ø8.0      | HARR806   | HARR807   |   |

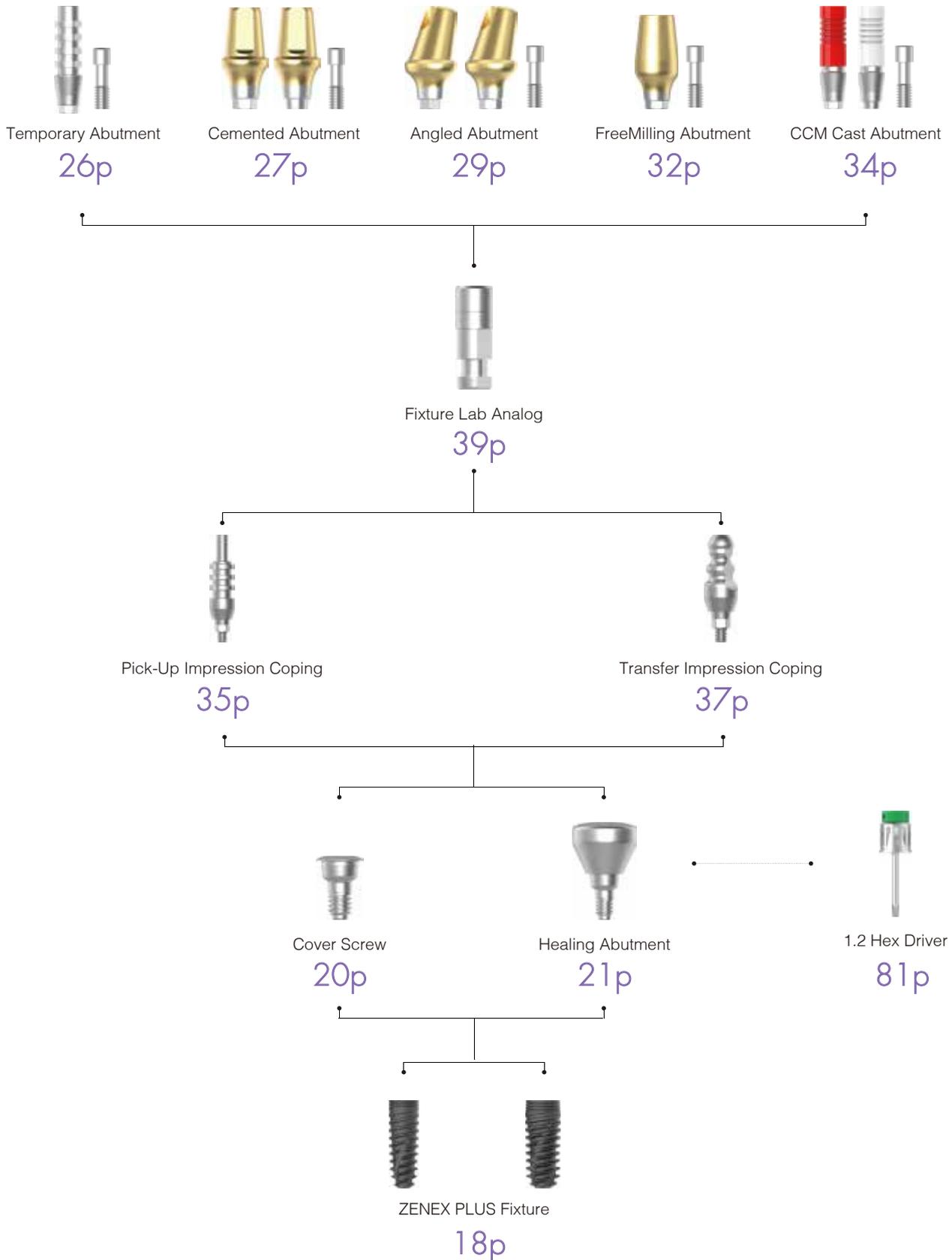
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# Prosthetic Flow Chart I



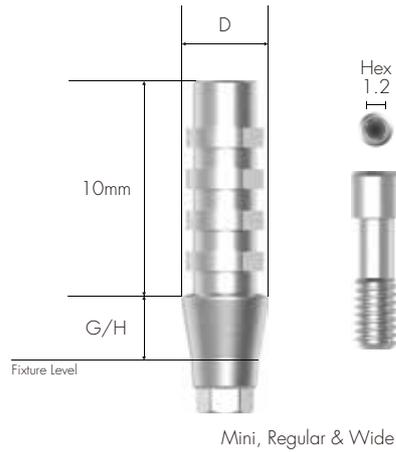
# Temporary Abutment

Abutment for manufacturing Screw-retained type temporal prosthesis  
 Select specification fits for fixture connection.  
 Fixture Level Impression

Tighten with 1.2 Hex Driver

Recommended tightening torque: 20Ncm

To order as a set as 'Abutment + Abutment Screw'  
 : Product Code + S (ex: TARRH4010S)



026 ZENEX PLUS

**M/R/W**  
 DØ4.0

|             |           |           |           |  |
|-------------|-----------|-----------|-----------|--|
| G/H<br>(mm) | 1.0       |           | 3.0       |  |
|             |           |           |           |  |
| Hex         | Non-Hex   | Hex       | Non-Hex   |  |
| TARRH4010   | TARRN4010 | TARRH4030 | TARRN4030 |  |

# Cemented Abutment

Abutment for manufacturing Cement/Combination-retained type prosthesis

Select specification fits for fixture connection.

Customized by grinding (need to be maintained at least 3.0mm of Abutment Length above Fixture Platform)

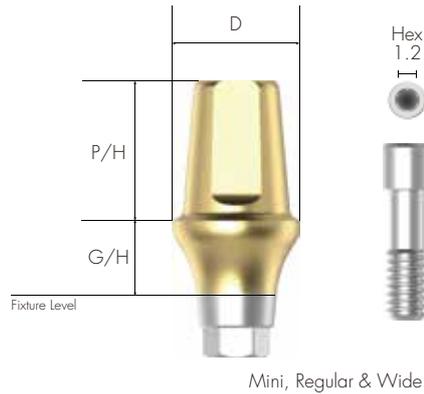
Fixture Level Impression

Tighten with 1.2 Hex Driver

Recommended tightening torque: 30Ncm

To order as a set as 'Abutment + Abutment Screw'

: Product Code + S (ex: CARRH40205S)



M/R/W  
DØ4.0

|         | G/H (mm) | 2.0        | 3.0        | 4.0        | 5.0        |
|---------|----------|------------|------------|------------|------------|
| Hex     | 5.5      |            |            |            |            |
|         | 7.0      | CARRH40207 | CARRH40307 | CARRH40407 | CARRH40507 |
| Non-Hex | 5.5      | CARRN40205 | CARRN40305 | CARRN40405 | CARRN40505 |
|         | 7.0      | CARRN40207 | CARRN40307 | CARRN40407 | CARRN40507 |

M/R/W  
DØ5.0

|         | G/H (mm) | 2.0        | 3.0        | 4.0        | 5.0        |
|---------|----------|------------|------------|------------|------------|
| Hex     | 5.5      |            |            |            |            |
|         | 7.0      | CARRH50207 | CARRH50307 | CARRH50407 | CARRH50507 |
| Non-Hex | 5.5      | CARRN50205 | CARRN50305 | CARRN50405 | CARRN50505 |
|         | 7.0      | CARRN50207 | CARRN50307 | CARRN50407 | CARRN50507 |

**M/R/W**  
DØ6.0

|         | G/H<br>(mm) | 2.0   | 3.0   | 4.0   | 5.0   |
|---------|-------------|---|---|---|---|
|         |             |  |  |  |  |
|         | P/H<br>(mm) |   |   |   |   |
| Hex     | 5.5         | CARRH60205  | CARRH60305  | CARRH60405  | CARRH60505  |
|         | 7.0         | CARRH60207  | CARRH60307  | CARRH60407  | CARRH60507  |
| Non-Hex | 5.5         | CARRN60205  | CARRN60305  | CARRN60405  | CARRN60505  |
|         | 7.0         | CARRN60207  | CARRN60307  | CARRN60407  | CARRN60507  |

**M/R/W**  
DØ7.0

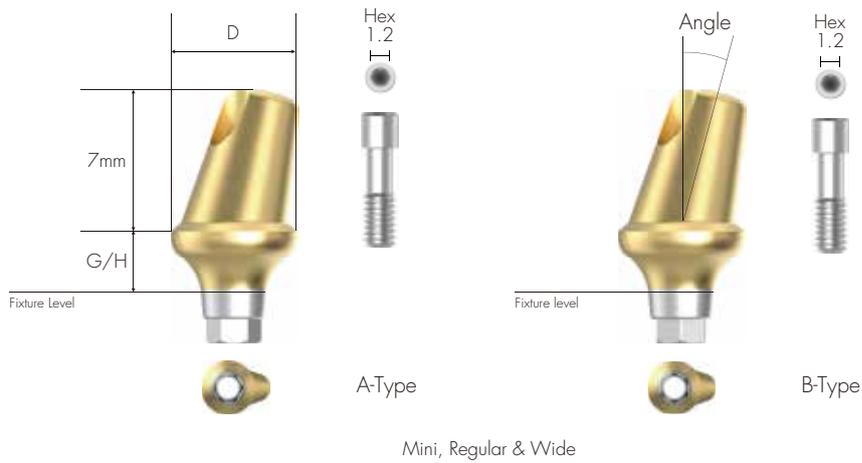
|         | G/H<br>(mm) | 2.0  | 3.0  | 4.0  | 5.0  |
|---------|-------------|--|--|--|--|
|         |             |  |  |  |  |
|         | P/H<br>(mm) |  |  |  |  |
| Hex     | 5.5         | CARRH70205   | CARRH70305   | CARRH70405   | CARRH70505   |
|         | 7.0         | CARRH70207   | CARRH70307   | CARRH70407   | CARRH70507   |
| Non-Hex | 5.5         | CARRN70205   | CARRN70305   | CARRN70405   | CARRN70505   |
|         | 7.0         | CARRN70207   | CARRN70307   | CARRN70407   | CARRN70507   |

# Angled Abutment

Abutment for manufacturing Cement/Combination-retained type prosthesis  
 Select specification fits for fixture connection.  
 Fixture Level Impression  
 Can be positioned in 12 directions by selecting A or B type

Tighten with 1.2 Hex Driver  
 Recommended tightening torque: 30Ncm

To order as a set as 'Abutment + Abutment Screw'  
 : Product Code + S (ex: AARRA40152S)



M/R/W  
 DØ4.0

| G/H (mm) | 2.0 | 3.0 | 4.0 | 5.0 |
|----------|-----|-----|-----|-----|
| Angle    | 15° |     |     |     |



A-Type

AARRA40152

AARRA40153

AARRA40154

AARRA40155

B-Type

AARRB40152

AARRB40153

AARRB40154

AARRB40155

M/R/W  
 DØ5.0

| G/H (mm) | 2.0 | 3.0 | 4.0 | 5.0 |
|----------|-----|-----|-----|-----|
| Angle    | 15° |     |     |     |



A-Type

AARRA50152

AARRA50153

AARRA50154

AARRA50155

B-Type

AARRB50152

AARRB50153

AARRB50154

AARRB50155

M/R/W  
DØ6.0

G/H  
(mm) 2.0 3.0 4.0 5.0  
Angle 15°



A-Type

AARRA60152

AARRA60153

AARRA60154

AARRA60155

B-Type

AARRB60152

AARRB60153

AARRB60154

AARRB60155

M/R/W  
DØ7.0

G/H  
(mm) 2.0 3.0 4.0 5.0  
Angle 15°



A-Type

AARRA70152

AARRA70153

AARRA70154

AARRA70155

B-Type

AARRB70152

AARRB70153

AARRB70154

AARRB70155

M/R/W  
DØ4.0

G/H  
(mm) 2.0 3.0 4.0 5.0  
Angle 25°



A-Type

AARRA40252

AARRA40253

AARRA40254

AARRA40255

B-Type

AARRB40252

AARRB40253

AARRB40254

AARRB40255

M/R/W  
DØ5.0

G/H  
(mm) 2.0 3.0 4.0 5.0  
Angle 25°



A-Type

AARRA50252

AARRA50253

AARRA50254

AARRA50255

B-Type

AARRB50252

AARRB50253

AARRB50254

AARRB50255

M/R/W  
DØ6.0

G/H  
(mm) 2.0 3.0 4.0 5.0  
Angle 25°



A-Type

AARRA60252

AARRA60253

AARRA60254

AARRA60255

B-Type

AARRB60252

AARRB60253

AARRB60254

AARRB60255

M/R/W  
DØ7.0

G/H  
(mm) 2.0 3.0 4.0 5.0  
Angle 25°



A-Type

AARRA70252

AARRA70253

AARRA70254

AARRA70255

B-Type

AARRB70252

AARRB70253

AARRB70254

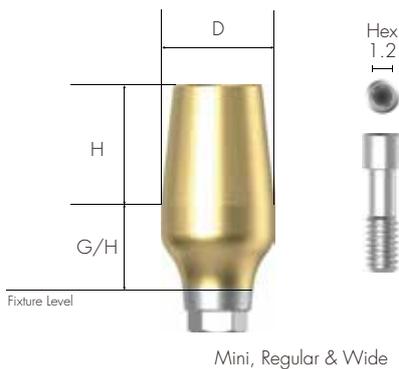
AARRB70255

# FreeMilling Abutment

Abutment for manufacturing Cement/Combination-retained type prosthesis  
 Used when creating free marginal space for Abutment  
 Select specification fits for fixture Connection  
 Customized by grinding (need to be maintained at least 3.0mm of Abutment Length above Fixture Platform)  
 Fixture Level Impression

Tighten with 1.2 Hex Driver  
 Recommended tightening torque: 30Ncm

To order as a set as 'Abutment + Abutment Screw'  
 : Product Code + S (ex: FMARRH40209S)



ZENEX  
30 PLUS

**M/R/W**  
 DØ4.0  
 H: 9.0mm

| G/H (mm) | 2.0         | 3.0         | 4.0         | 5.0         |
|----------|-------------|-------------|-------------|-------------|
|          |             |             |             |             |
|          | Hex         | Hex         | Hex         | Hex         |
|          | FMARRH40209 | FMARRH40309 | FMARRH40409 | FMARRH40509 |

**M/R/W**  
 DØ5.0  
 H: 8.0mm

| G/H (mm) | 2.0         | 3.0         | 4.0         | 5.0         |
|----------|-------------|-------------|-------------|-------------|
|          |             |             |             |             |
|          | Hex         | Hex         | Hex         | Hex         |
|          | FMARRH50208 | FMARRH50308 | FMARRH50408 | FMARRH50508 |

**M/R/W**  
DØ6.0  
H: 8.0mm

| G/H<br>(mm) | 2.0   | 3.0   | 4.0   | 5.0   |
|-------------|---|---|---|---|
|             |  |  |  |  |
|             | Hex   | Hex   | Hex   | Hex   |
|             | FMARRH60208   | FMARRH60308   | FMARRH60408   | FMARRH60508   |

**M/R/W**  
DØ7.0  
H: 8.0mm

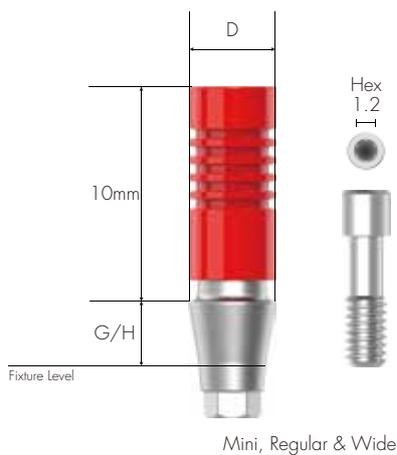
| G/H<br>(mm) | 2.0  | 3.0  | 4.0  | 5.0  |
|-------------|--|--|--|--|
|             |  |  |  |  |
|             | Hex  | Hex  | Hex  | Hex  |
|             | FMARRH70208  | FMARRH70308  | FMARRH70408  | FMARRH70508  |

# CCM Cast Abutment

Abutment for manufacturing customized abutment in difficult and complicated cases  
 Select specification fits for fixture connection  
 Fixture Level Impression  
 Casting with non-precious alloy for manufacturing customized prosthesis  
 Melting point of CCM : 1,400 ~ 1,550°C

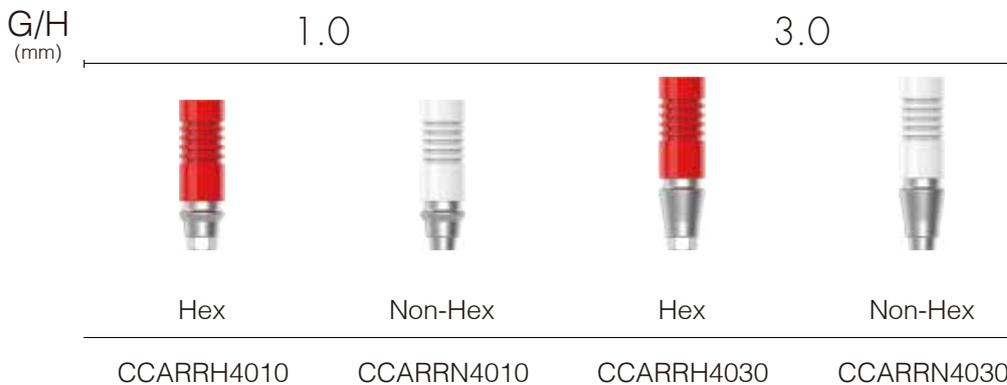
Tighten with 1.2 Hex Driver  
 Recommended tightening torque: 30Ncm

To order as a set as 'Abutment + Abutment Screw'  
 : Product Code + S (ex: CCARRH4010S)



034 ZENEX PLUS

M/R/W  
 DØ4.0

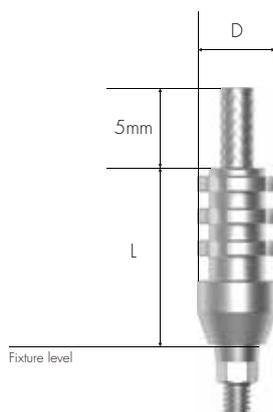


# Pick-Up Impression Coping

Components for Fixture Level Impression  
 Open Tray Type  
 Select specification fits for fixture connection  
 Enables accurate impression with design of stably fixed in impression material

Tighten with 1.2 Hex Driver by hand

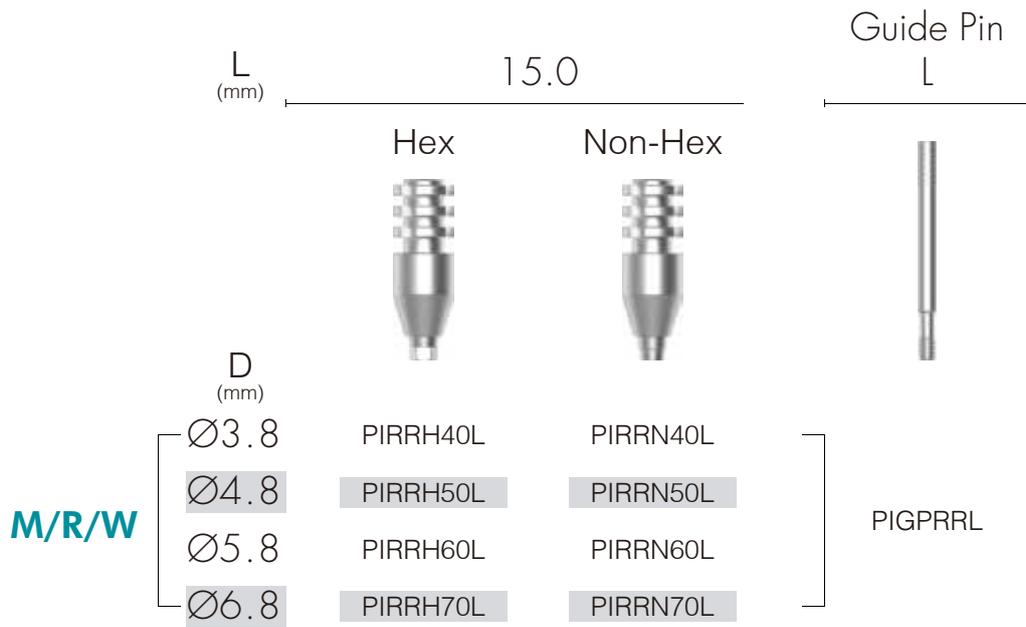
To order as a set as 'Impression Coping body + Guide Pin'  
 : [For 11mm Length] Product Code + S (ex: PIRRH40SS)  
 [For 15mm Length] Product Code + S (ex: PIRRH40LS)



Mini, Regular & Wide

O35 ZENEX PLUS

|              |           | L<br>(mm)   |   | 11.0  |      | Guide Pin<br>S |  |
|--------------|-----------|---|---|---|------|----------------|--|
|              |           | Hex   | Non-Hex   |   |      |                |  |
|              |           |  |  |  |      |                |  |
|              |           | PIRRH40S  | PIRRN40S  | PIGPRRS   |      |                |  |
|              |           | PIRRH50S  | PIRRN50S  |   |      |                |  |
|              |           | PIRRH60S  | PIRRN60S  |   |      |                |  |
|              |           | PIRRH70S  | PIRRN70S  |   |      |                |  |
| <b>M/R/W</b> | D<br>(mm) | Ø3.8  | Ø4.8  | Ø5.8  | Ø6.8 |                |  |

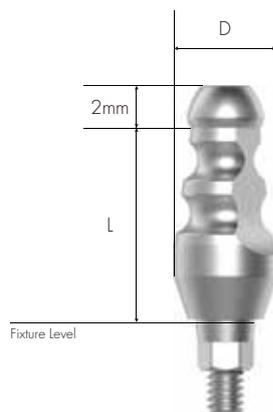


# Transfer Impression Coping

- Components for Fixture Level Impression
- Closed Tray Type
- Select specification fits for fixture connection
- Streamlined Shape: Easy to transfer
- Anti-Rotation Grooves accord with Hex of fixture

Tighten with 1.2 Hex Driver by hand

To order as a set as 'Impression Coping body + Guide Pin'  
 : [For 9mm Length] Product Code + S (ex: TIRRH40**S**)  
 [For 13mm Length] Product Code + S (ex: TIRRH40**LS**)



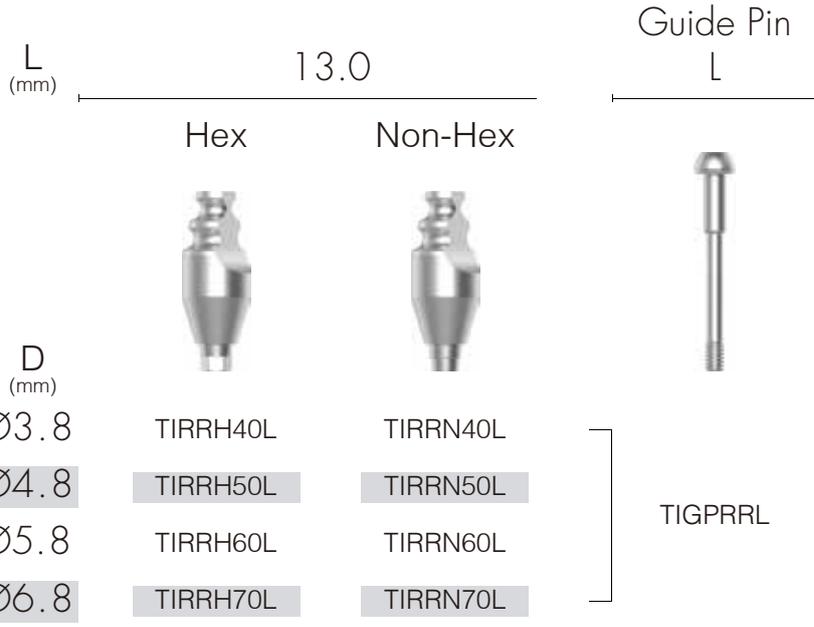
Mini, Regular & Wide

037 ZENEX PLUS

| D<br>(mm) | L<br>(mm) |          | Guide Pin<br>S |
|-----------|-----------|----------|----------------|
|           | Hex       | Non-Hex  |                |
| Ø3.8      | TIRRH40S  | TIRRN40S | TIGPRRS        |
| Ø4.8      | TIRRH50S  | TIRRN50S |                |
| Ø5.8      | TIRRH60S  | TIRRN60S |                |
| Ø6.8      | TIRRH70S  | TIRRN70S |                |

M/R/W

M/R/W



# Fixture Lab Analog

Lab Analog for Fixture Level Impression

Select between Fixture Diameter ( $\varnothing$  3.5 /  $\varnothing$  4.0 and above)



**Mini**  
D $\varnothing$ 3.75



FLARR350

**R/W**  
D $\varnothing$ 4.25

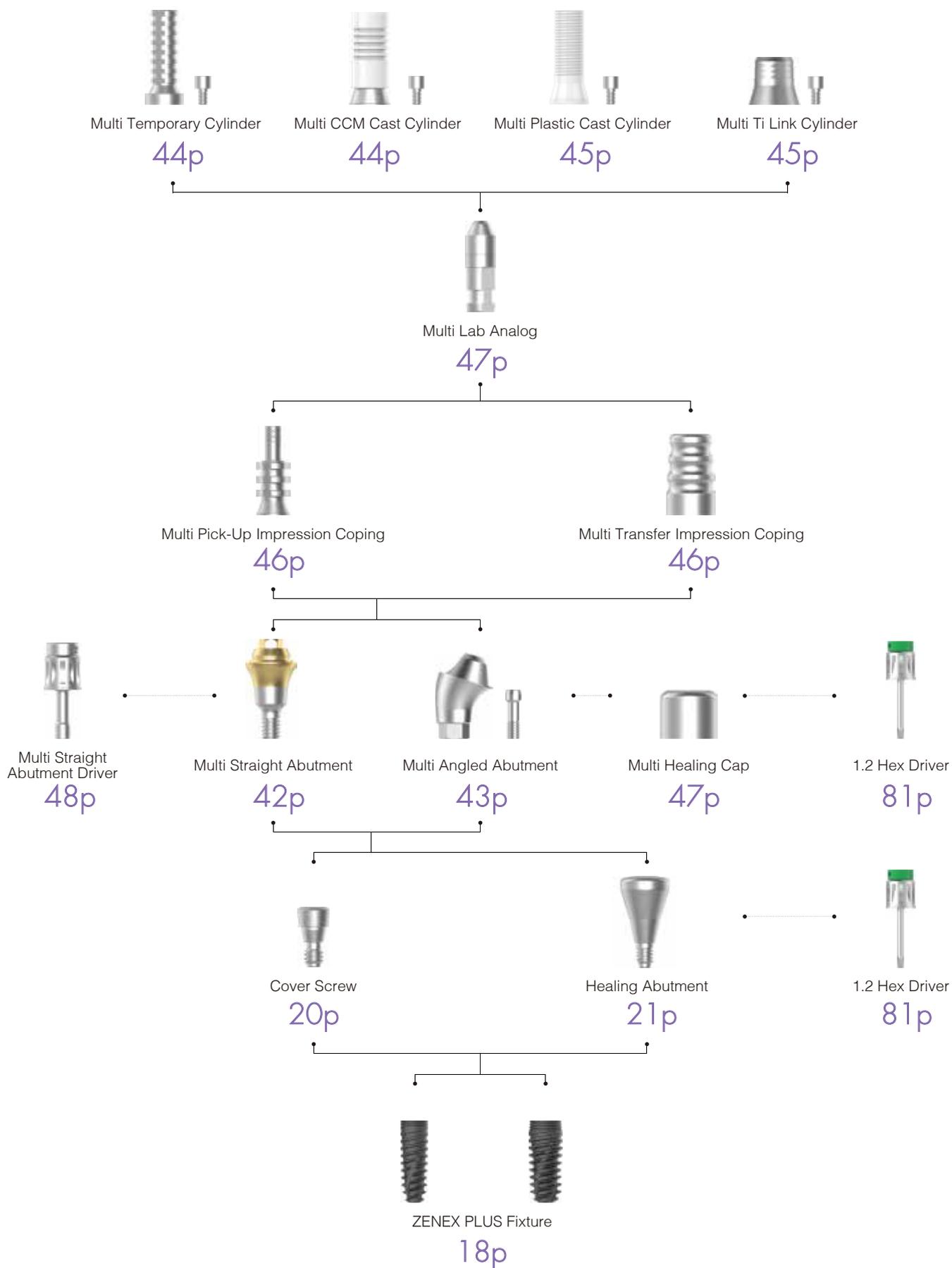


FLARR400

040 ZENEX  
PLUS

**IZEN**  
I M P L A N T

# Prosthetic Flow Chart II



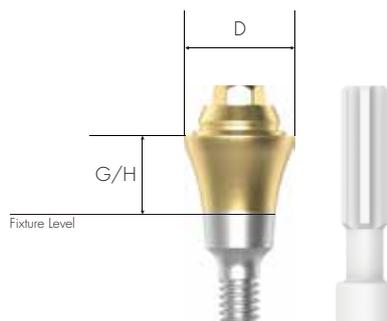
O41 ZENEX PLUS

# Multi Straight Abutment

Abutment for manufacturing screw-retained prosthesis in Multiple Case  
Same platform as Multi Angled Abutment  
Move into internal oral part by using exclusive Abutment Carrier (Code: MSACR48)

Tighten with exclusive driver (Code: MSADSR20)  
Recommended tightening torque: 30Ncm

To order as a set as 'Abutment + Carrier'  
: Product Code + S (ex: MSARR4815S)



Mini, Regular & Wide

M/R/W  
DØ4.8



MSARR4815

MSARR4825

MSARR4835

MSARR4845

# Multi Angled Abutment

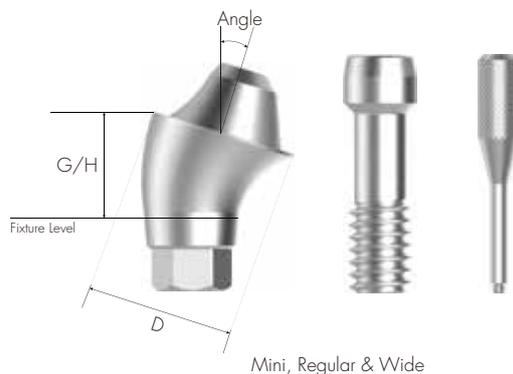
Abutment for manufacturing screw-retained prosthesis in Multiple Case  
 Abutment of various angles (17°, 30°) for various angled of implant insertion path  
 Same platform as Multi Straight Abutment  
 Compensation of fixture placement angle up to 108°  
 Connect by using exclusive Abutment Carrier (Code: MAACRMC)

Tighten with 1.2 Hex Driver

Recommended tightening torque: 30Ncm

Multi Angled Abutment Screw (MAASRR20) included

To order as a set as 'Abutment + Screw + Carrier'  
 : Product Code + S (ex: MAARRH481725S)



Mini, Regular & Wide

**M/R/W**  
 DØ4.8

|          |     |     |     |
|----------|-----|-----|-----|
| G/H (mm) | 2.5 | 3.5 | 4.5 |
| Angle    | 17° |     |     |



|     |              |              |              |
|-----|--------------|--------------|--------------|
| Hex | MAARRH481725 | MAARRH481735 | MAARRH481745 |
|-----|--------------|--------------|--------------|

|         |              |              |              |
|---------|--------------|--------------|--------------|
| Non-Hex | MAARRN481725 | MAARRN481735 | MAARRN481745 |
|---------|--------------|--------------|--------------|

**M/R/W**  
 DØ4.8

|          |     |     |
|----------|-----|-----|
| G/H (mm) | 3.5 | 4.5 |
| Angle    | 30° |     |



|     |              |              |
|-----|--------------|--------------|
| Hex | MAARRH483035 | MAARRH483045 |
|-----|--------------|--------------|

|         |              |              |
|---------|--------------|--------------|
| Non-Hex | MAARRN483035 | MAARRN483045 |
|---------|--------------|--------------|

# Multi Temporary Cylinder

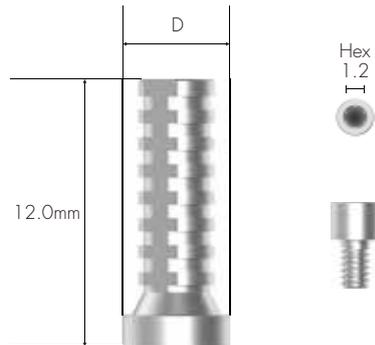
Multi Cylinder for making Combination-retained prosthesis from Multi Abutment  
For manufacturing Screw-retained temporary Abutment

Tighten with 1.2 Hex Driver

Recommended tightening torque: 20Ncm

Multi Cylinder Screw (MTCSR23) included

To order as a set as 'Cylinder + Multi Cylinder Screw'  
: Product Code + S (ex: MTCSRN48S)



DØ4.8

MTCSRN48

044 ZENEX PLUS

# Multi CCM Cast Cylinder

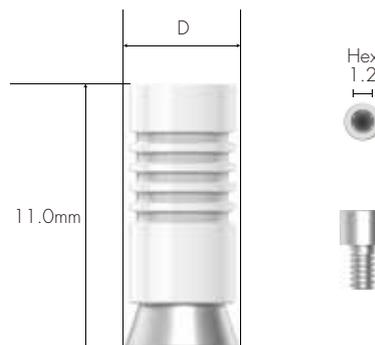
Multi Cylinder for making Screw-retained prosthesis from Multi Abutment  
Casting with non-precious alloy for manufacturing customized prosthesis  
Melting point of CCM : 1,400 ~ 1,550°C

Tighten with 1.2 Hex Driver

Recommended tightening torque: 20Ncm

Multi Cylinder Screw (MTCSR23) included

To order as a set as 'Cylinder + Multi Cylinder Screw'  
: Product Code + S (ex: MCCCORN48S)



DØ4.8

MCCCORN48

# Multi Plastic Cast Cylinder

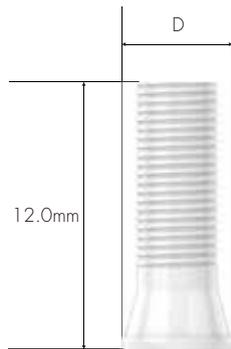
Multi Cylinder for making Screw-retained prosthesis from Multi Abutment

Tighten with 1.2 Hex Driver

Recommended tightening torque: 20Ncm

Multi Cylinder Screw (MTCSR23) included

To order as a set as 'Cylinder + Multi Cylinder Screw'  
: Product Code + S (ex: MPCCSRN48S)



DØ5.0

MPCCSRN48

045 ZENEX PLUS

# Multi Ti Link Cylinder

Multi Cylinder for making Combination-retained prosthesis from Multi Abutment

Use when producing Customized Abutment (Titanium & Zirconia) and Crown by CAD/CAM equipment

Use exclusive implant library of ZENEX PLUS Implant System

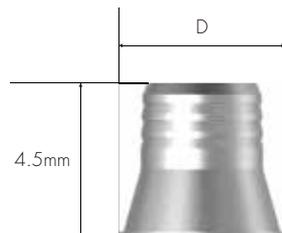
Abutment Level Impression

Tighten with 1.2 Hex Driver

Recommended tightening torque: 20Ncm

Multi Cylinder Screw (MTCSR23) included

To order as a set as 'Cylinder + Multi Cylinder Screw'  
: Product Code + S (ex: MTLCSRN48S)



DØ4.8

MTLCSRN48

# Multi Pick-Up Impression Coping

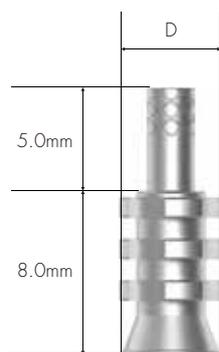
Components for taking Abutment Level impression for Multi Abutment

Open Tray Type

Tighten with 1.2 Hex Driver by hand

Multi Pick-up Impression Coping Guide Pin (MPICSRGP) included

To order as a set as 'Impression Coping body + Guide Pin'  
: Product Code + S (ex: MPICSR48S)



DØ4.8

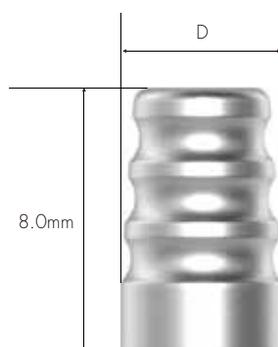
MPICSR48

046 ZENEX PLUS

# Multi Transfer Impression Coping

Components for taking Abutment Level impression for Multi Abutment  
Closed Tray Type

Tighten with 1.2 Hex Driver by hand



DØ4.8

MTICSR48

# Multi Lab Analog

Lab Analog for Multi Abutment



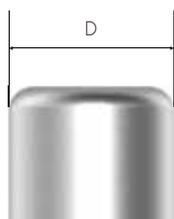
MLASR48

047  
ZENEX  
PLUS

# Multi Healing Cap

Protect Cap for Multi Abutment

Tighten with 1.2 Hex Driver by hand



$D\varnothing 4.8$

MHCSR48

# Multi ScanBody

ScanBody for Multi Abutment

ScanBody for manufacturing customized Titanium abutment  
Use for Oral scan (Model scan available as well)

Tighten with 1.2 Hex Driver by hand

To order as a set as 'ScanBody + ScanBody Screw'  
: Product Code + S (ex: MSBSR4809S)



MSBSR4809

048 ZENEX PLUS

# Multi Straight Abutment Driver

Torque driver for Multi Straight Abutment



MSADSR20

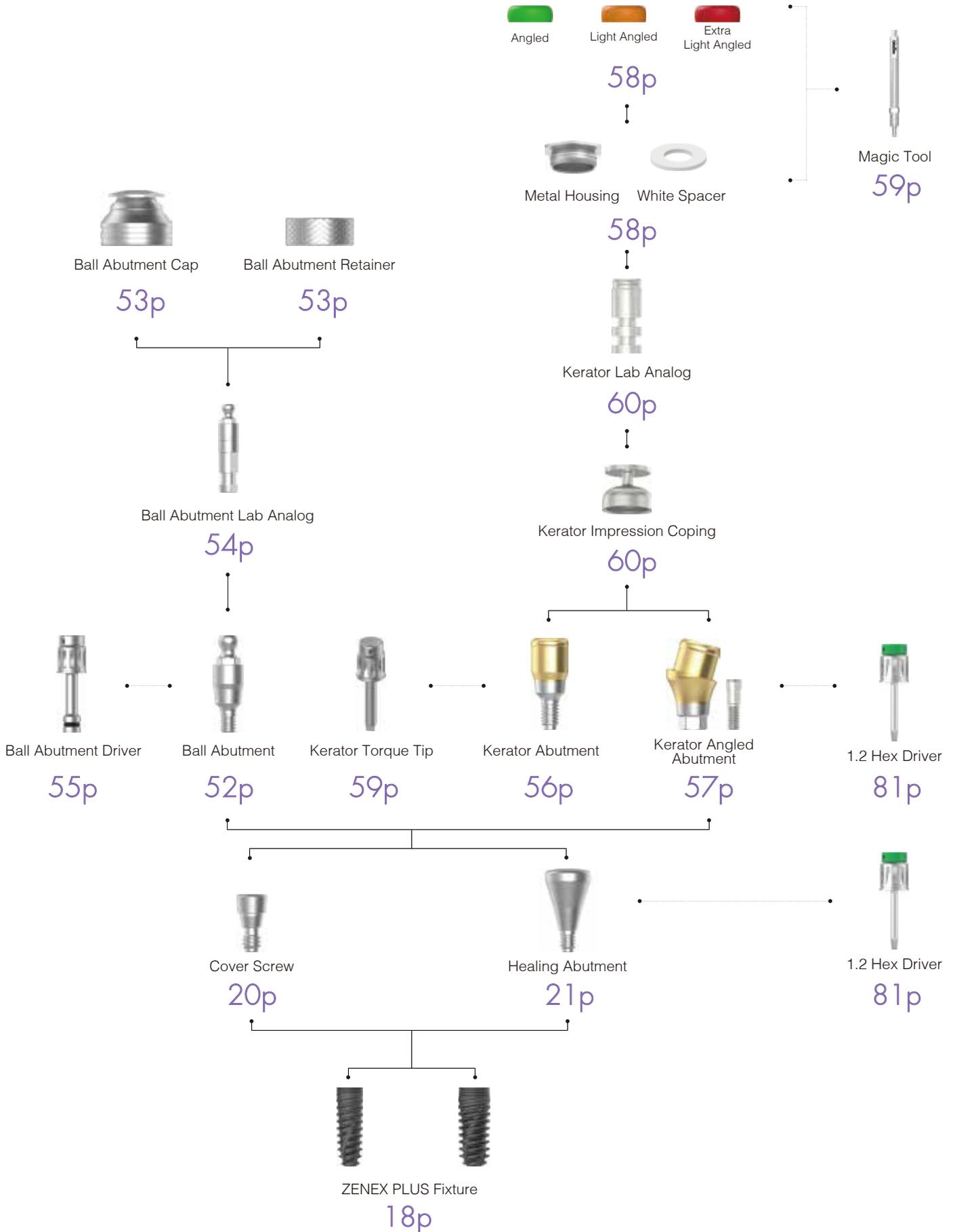
**IZEN**  
I M P L A N T

6 ZENEX  
O4 PLUS

050 ZENEX  
PLUS

**IZEN**  
I M P L A N T

# Prosthetic Flow Chart III



051 ZENEX PLUS

# Ball Abutment

Abutment for overdenture using O-ring attachment  
 Compensation of mounting angle up to 20°

Tighten with exclusive Ball Abutment Driver (Code: BAD24)  
 Recommended tightening torque: 30Ncm



Mini, Regular & Wide

052 ZENEX PLUS

| G/H (mm)       | 1.0      | 2.0      | 3.0      | 4.0      | 5.0      | 6.0      |
|----------------|----------|----------|----------|----------|----------|----------|
| M/R/W<br>DØ3.5 |          |          |          |          |          |          |
|                | BARR3510 | BARR3520 | BARR3530 | BARR3540 | BARR3550 | BARR3560 |

# Ball Abutment Cap Set

O-ring attachment for Ball Abutment  
Replace O-ring on Ball Abutment Cap  
Packing Unit: Ball Abutment Cap + Ball Abutment Lab O-ring



BASRCS

# Ball Abutment Retainer Set

Use in case lack of vertical diameter comparing to Ball Abutment Retainer  
Packing Unit: Ball Abutment Retainer + Ball Abutment Lab O-ring



BASRRS

# Ball Abutment O-ring Set

O-ring set

Packing Unit: Ball Abutment O-ring 5 EA



BASROS

054 ZENEX  
PLUS

# Ball Abutment Lab Analog

Lab Analog for Ball Abutment



BAALA

# Ball Abutment Driver

Torque driver for Ball Abutment



BAD24

# Kerator Abutment

Compensation of fixture placement angle up to 40°  
1.5mm lower vertical dimension  
Composition of multiple attachments with stable retention

Connect with exclusive driver  
Recommended tightening torque: 30Ncm



Mini, Regular & Wide

056 ZENEX PLUS

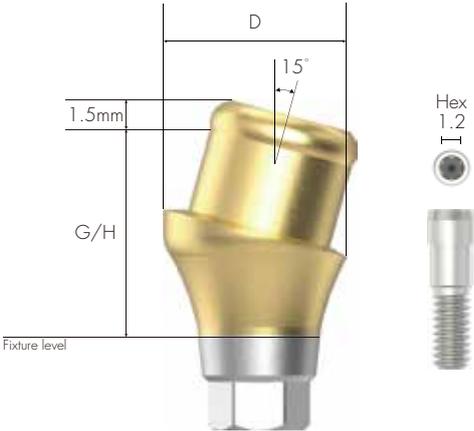
M/R/W  
DØ3.7

| G/H (mm) | 1.0   | 2.0   | 3.0   | 4.0   | 5.0   | 6.0   |
|----------|---|---|---|---|---|---|
|          |  |  |  |  |  |  |
|          | AR401   | AR402   | AR403   | AR404   | AR405   | AR406   |

# Kerator Angled Abutment

1.5mm lower vertical dimension  
Composition of multiple attachments with stable retention

Connect with 1.2 Hex driver  
Recommended tightening torque: 30Ncm



Mini, Regular & Wide

M/R/W  
DØ3.7

| G/H (mm) | 1.5 | 3.0 |
|----------|-----|-----|
|----------|-----|-----|



AR4AN1.5



AR4AN3.0

# Kerator CDPH Set

Composition: White spacer / denture cap connected black processing male & Replacement male (Red, Blue & Pink)  
Select replacement male of adequate retention to use according to cases  
Replace replacement male by using Kerator Magic tool



CDPH SET

058 ZENEX PLUS

# Kerator Male Cap

Retention power of KERATOR male cap is down (up to 20%) and red cap(angle) is included in the male package  
Colors of cap determine retention power and it minimizes Denture Repair even there is any continuous bone loss



# Kerator Magic Tool

Use to connect and remove replacement male on denture cap  
As separated into two pieces, it is easy to maintenance



KMT002

# Kerator Torque Tip

Torque driver for Kerator Abutment

Round Type



KMD719

# Kerator Impression Coping

Pick-Up Impression Coping for Kerator abutment  
Closed Tray Type



DKI4845

06 ZENEX  
39 PLUS

# Kerator Lab Analog

Lab Analog for Kerator Abutment



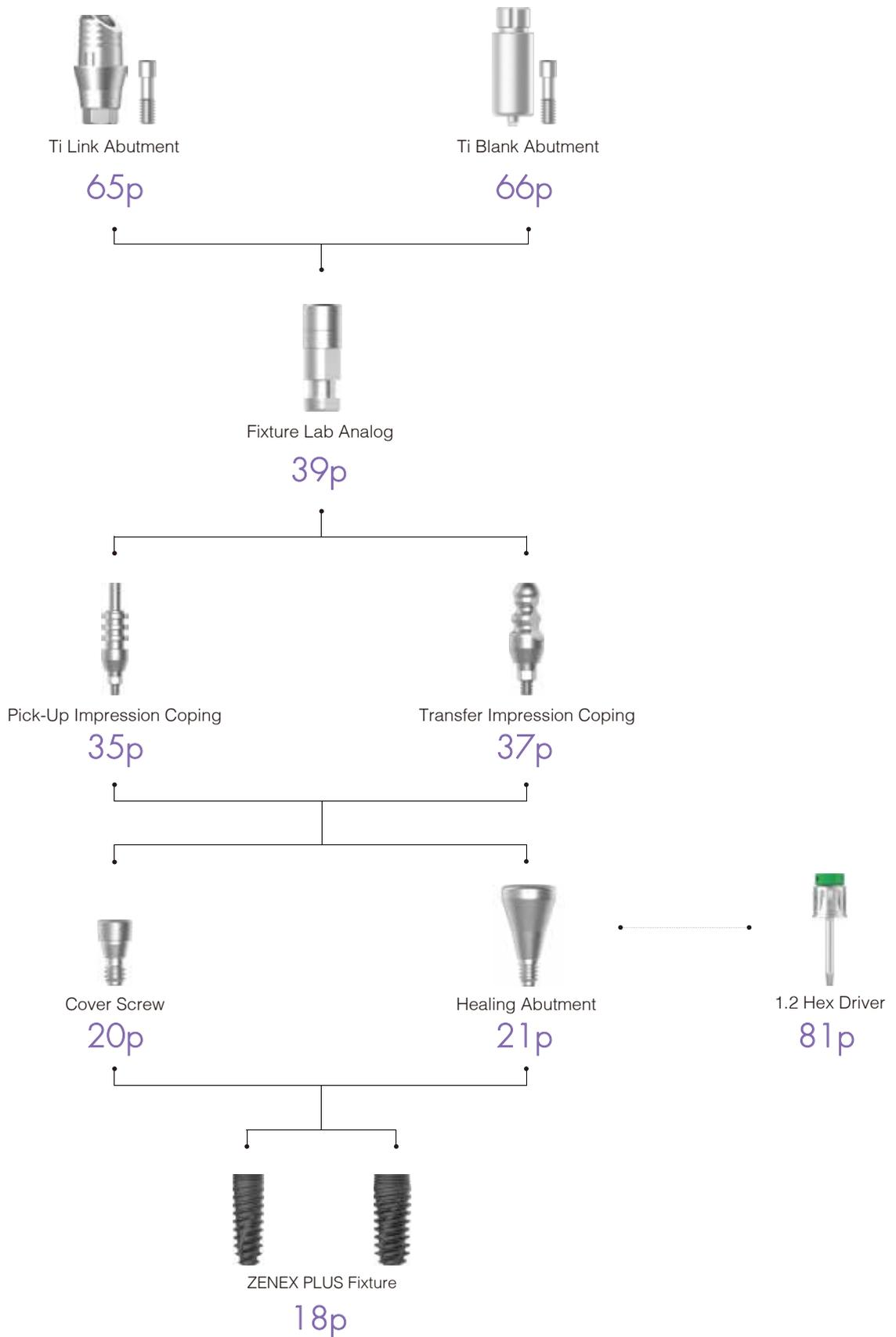
DKA3854

**IZEN**  
I M P L A N T

# IZEN

I M P L A N T

# Prosthetic Flow Chart IV

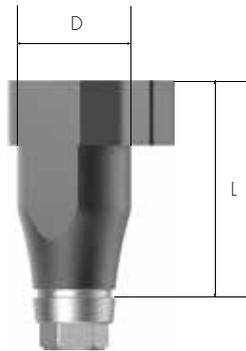


# ScanBody

ScanBody for manufacturing customized Titanium abutment  
Use for Oral scan (Model scan available as well)

Tighten with 1.2 Hex Driver by hand

To order as a set as 'ScanBody + ScanBody Screw'  
: Product Code + S (ex: RSBR4310S)



064 ZENEX  
99 PLUS

M/R/W  
DØ4.3

L : 10mm



RSBR4310

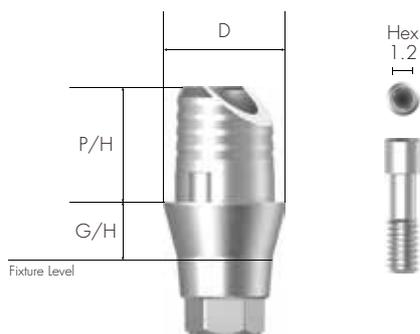


# Ti Link Abutment

Abutment for manufacturing Cement/Combination-retained type prosthesis  
 For manufacturing custom abutment (Titanium & Zirconia) and crown by CAD/CAM equipment  
 Select specification fits for fixture Connection  
 Use exclusive library for ZENEX PLUS Implant system  
 Fixture Level Impression

Tighten with 1.2 Hex Driver  
 Recommended tightening torque: 30Ncm

To order as a set as 'Abutment + Screw'  
 : Product Code + S (ex: TLARRH4010S)



Mini, Regular & Wide

065 ZENEX PLUS

M/R/W  
 DØ4.0

|          | 1.0   |   | 2.0   |   |
|----------|---|---|---|---|
| G/H (mm) |   |   |   |   |
| P/H (mm) |   | 3.8   |   |   |
|          |  |  |  |  |
|          | Hex   | Non-Hex   | Hex   | Non-Hex   |
|          | TLARRH4010  | TLARRN4010  | TLARRH4020  | TLARRN4020  |

# Ti Blank Abutment

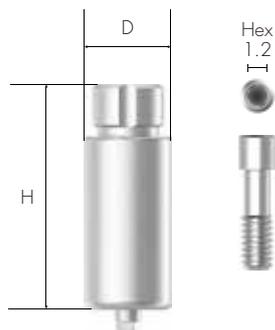
Manufacturing customized abutment with milling machine  
 Select specification fits for fixture Connection  
 Digital Impression

Tighten with 1.2 Hex Driver

Recommended tightening torque: 30Ncm

Product line-up applied for various milling machine brands  
 (Milling machine manufacturer: Doowon, Manix, Vatech, RND)

To order as a set as 'Abutment + Screw'  
 : Product Code + S (ex: TBARRH10AS)



Mini, Regular & Wide

066 ZENEX PLUS

**For Arum**  
**M/R/W**  
 DØ10



**For Manix**  
**M/R/W**  
 DØ10



**IZEN**  
I M P L A N T