

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

**ZENEX MULTI I-System**

ZENEX MULTI I-System

**ZENEX MULTI  
I-System**

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[www.izenimplant.com](http://www.izenimplant.com)

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

020 ZENEX MULTI I-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.



# Certification



# 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.



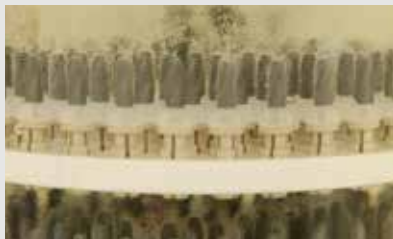
### Manufacture of Half-Finished product

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, Cover Screw, Healing Abutment & Multi Healing Cap.



# Quality Management



## Dimension Management

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



## Stability Test

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



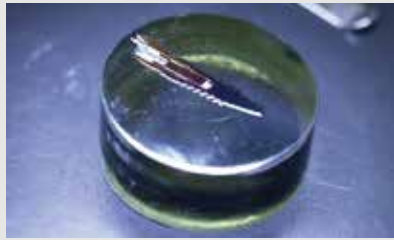
## Fatigue Test

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.



## Surface Management

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



## Connection Management

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



# ZENEX MULTI I-System Contents

ZENEX MULTI  
I-System Fixture  
020



Cover  
Screw  
023



Healing  
Abutment  
024



Temporary  
Abutment  
028



Cemented  
Abutment  
029



Angled  
Abutment  
034



FreeMilling  
Abutment  
038



CCM Cast  
Abutment  
040



Pick-Up  
Impression  
Coping  
041



Transfer  
Impression  
Coping  
043



Fixture Lab  
Analog  
045



Multi Straight  
Abutment  
048



Multi Angled  
Abutment  
049



Multi Temporary  
Cylinder  
051



Multi CCM  
Cast Cylinder  
051



Multi Plastic  
Cast Cylinder  
052



Multi Ti Link  
Cylinder  
052



Multi Pick-Up  
Impression  
Coping  
053



Multi Transfer  
Impression  
Coping  
053



Multi  
Lab Analog  
054



Multi  
Healing Cap  
054



Multi  
ScanBody  
055



Multi Straight  
Abutment Driver  
055



Ball  
Abutment  
058





Ball Abutment  
Cap Set  
059



Ball Abutment  
Retainer Set  
059



Ball Abutment  
O-ring Set  
060



Ball Abutment  
Lab Analog  
060



Ball Abutment  
Driver  
061



Kerator  
Abutment  
062



Kerator Angled  
Abutment  
063



Kerator  
CDPH Set  
064



Kerator  
Male Cap  
064



Kerator  
Magic Tool  
065



Kerator  
Torque Tip  
065



Kerator  
Impression  
Coping  
066



Kerator Lab  
Analog  
066



ScanBody  
069



Ti Link  
Abutment  
070



Ti Blank  
Abutment  
071



# 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 MULTI I-System



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# ZENEX MULTI I-System

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## COMPOSITION

020 ZENEX MULTI I-System Fixture

023 Cover Screw

024 Healing Abutment

**027 PROSTHETIC FLOW CHART I**

028 Temporary Abutment

029 Cemented Abutment

034 Angled Abutment

038 FreeMilling Abutment

040 CCM Cast Abutment

041 Pick-Up Impression Coping

043 Transfer Impression Coping

045 Fixture Lab Analog

**047 PROSTHETIC FLOW CHART II**

048 Multi Straight Abutment

049 Multi Angled Abutment

051 Components of Multi Abutment

**057 PROSTHETIC FLOW CHART III**

058 Ball Abutment

059 Components of Ball Abutment

062 Kerator Abutment

063 Kerator Angled Abutment

064 Components of Kerator Abutment

**068 PROSTHETIC FLOW CHART IV**

069 ScanBody

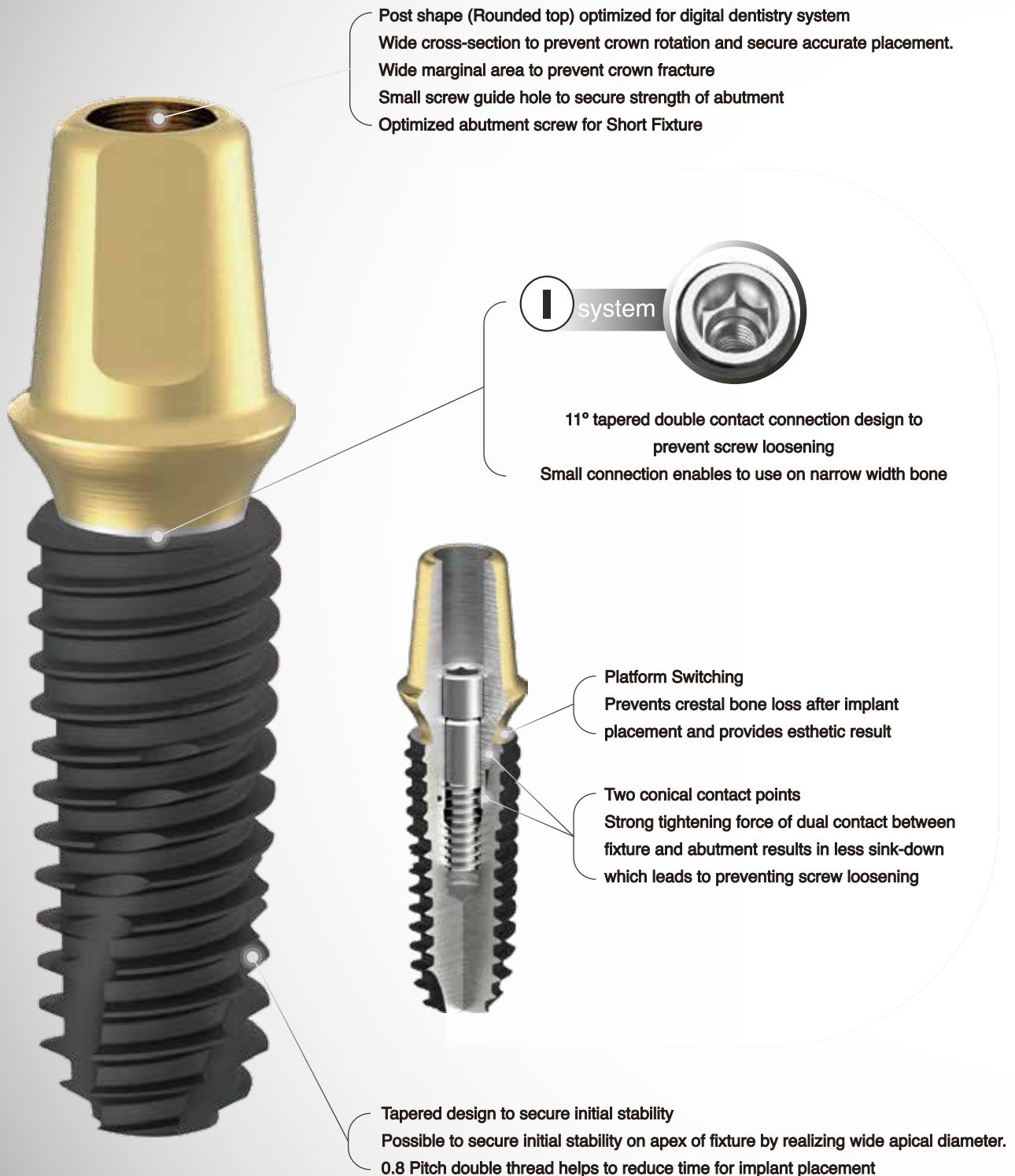
070 Ti Link Abutment

071 Ti Blank Abutment

# ZENEX MULTI I-System

## - Design features

- Designed for various types of bone





# ZENEX MULTI Implant

## - Surface features

SEM MAG:30X

SLA surface  
(Al<sub>2</sub>O<sub>3</sub> 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 MULTI Fixture I-System

Internal 11° tapered submerged type implant  
 SLA surface implant  
 Tapered design to secure initial stability  
 Double thread design for securing width of internal connection and easy insertion  
 Possible to secure primary stability on apex of fixture by realizing wide apical diameter.  
 Recommended torque for implant placement: Less than 40Ncm

For Narrow Fixture (Ø 3.0)

- Enable surgery in bone of narrow width
- Easy to compensate angle in anterior area

For Wide Fixture (Ø 6.0, Ø 7.0)

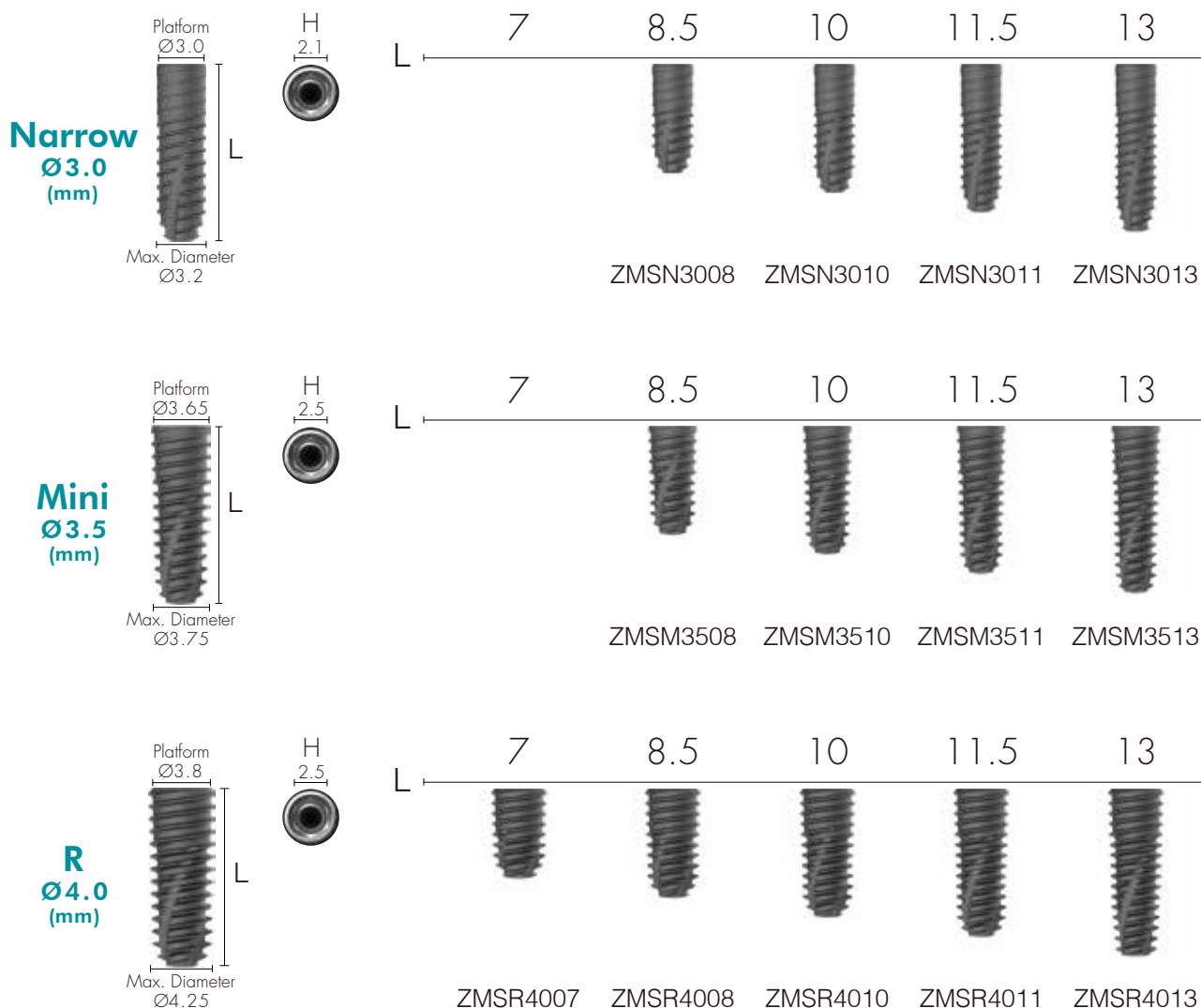
- Wide fixture with single thread for easy implant placement.
- 6mm length fixture enables to use in lower alveolar bone
- Radial shaped on upper part of fixture enables to be used for wide hole such as extraction socket

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

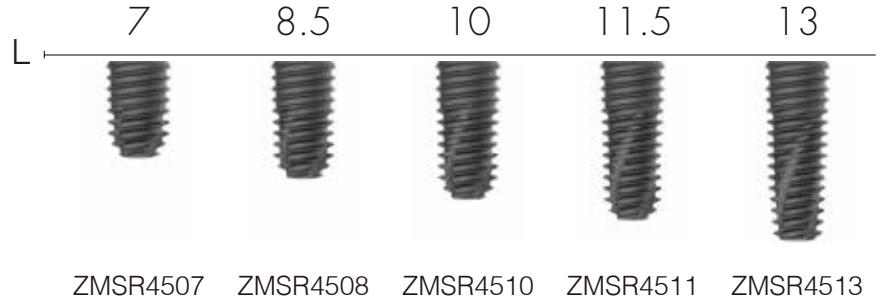
\* Incompatible to use other brands' prosthetic products for Short Fixture (less than 7mm length) in case of I-System

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

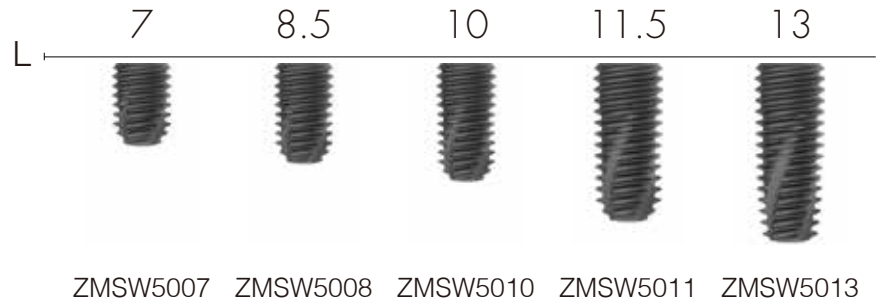
020 ZENEX MULTI



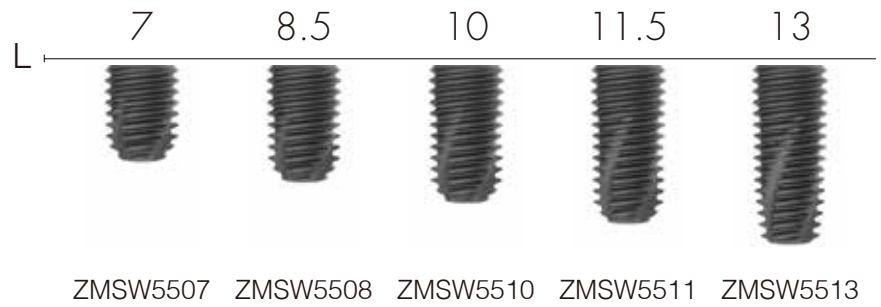
**R**  
Ø4.5  
(mm)



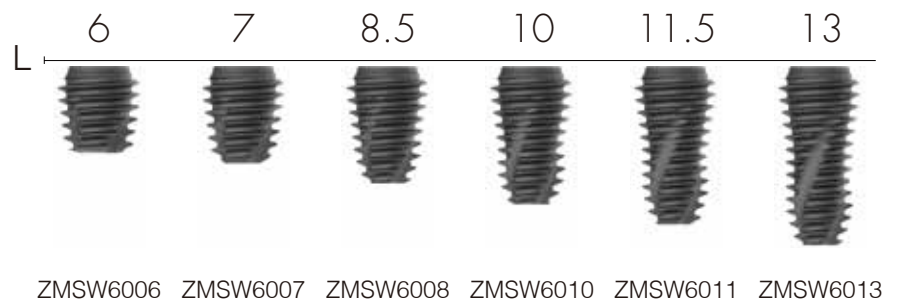
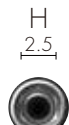
**W**  
Ø5.0  
(mm)



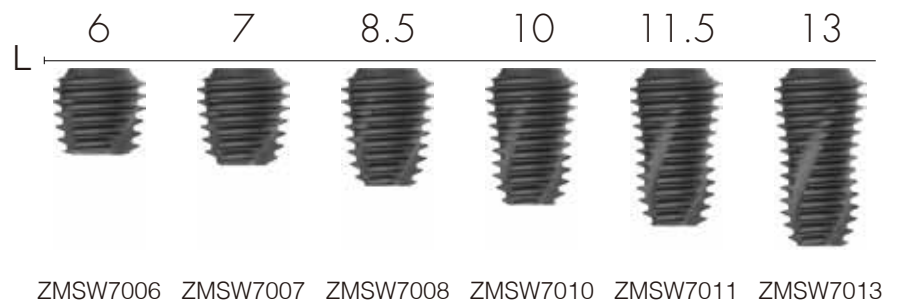
**W**  
Ø5.5  
(mm)



**W**  
Ø6.0  
(mm)

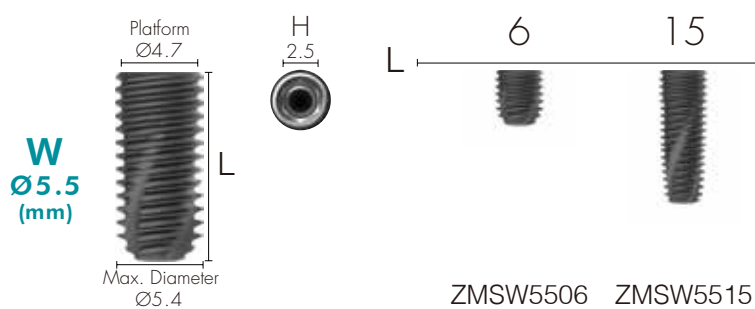
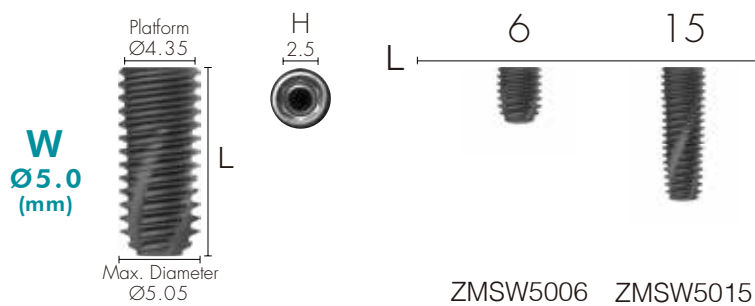
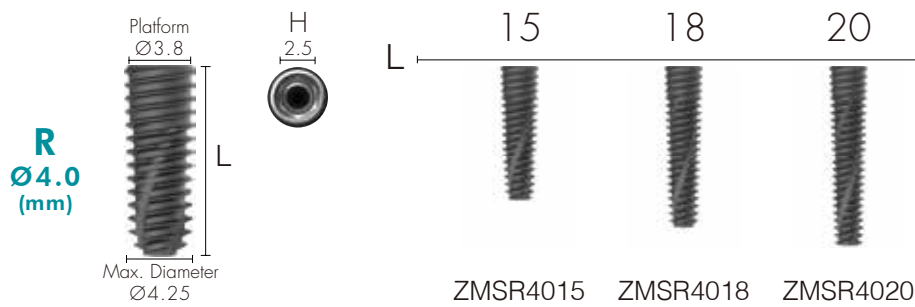
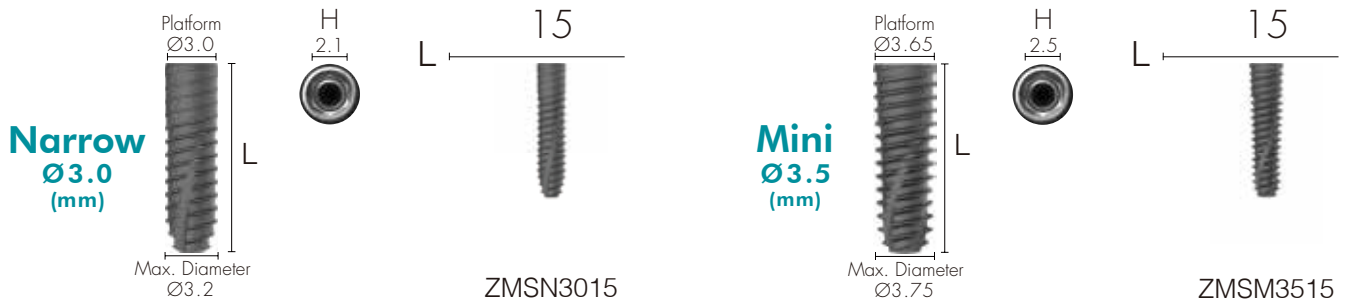


**W**  
Ø7.0  
(mm)



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MULTI










# Special Options



# 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

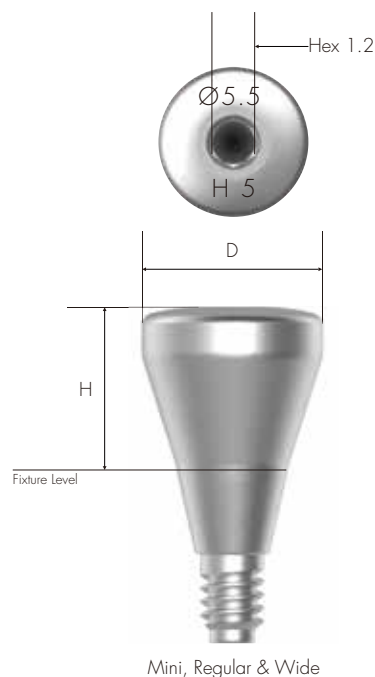
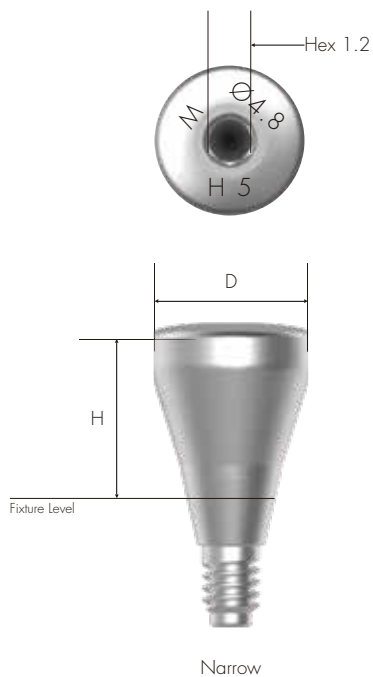
	H (mm)	0.4	1.4	2.0
<b>Narrow</b>				
		CSSN30S	CSSN30M	CSSN30L
<b>Mini</b>				
		CSSM30S	CSSM30M	CSSM30L
<b>R/W</b>				
		CSSR40S	CSSR40M	CSSR40L

# 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







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## Narrow




H (mm)	3.0	4.0	5.0	7.0	9.0
D (mm)					
Ø4.3	HATM403	HATM404	HATM405	HATM407	HATM409
Ø4.8	HATM453	HATM454	HATM455	HATM457	HATM459



## M/R/W

H (mm)	2.0	3.0	4.0	5.0
D (mm)				
Ø4.3	HASR402	HASR403	HASR404	HASR405
Ø4.8	HASR452	HASR453	HASR454	HASR455
Ø5.5	HASR522	HASR523	HASR524	HASR525
Ø6.0	HASR572	HASR573	HASR574	HASR575
Ø6.8	HASR652	HASR653	HASR654	HASR655
Ø8.0		HASR803	HASR804	HASR805
Ø9.0		HASR903	HASR904	HASR905

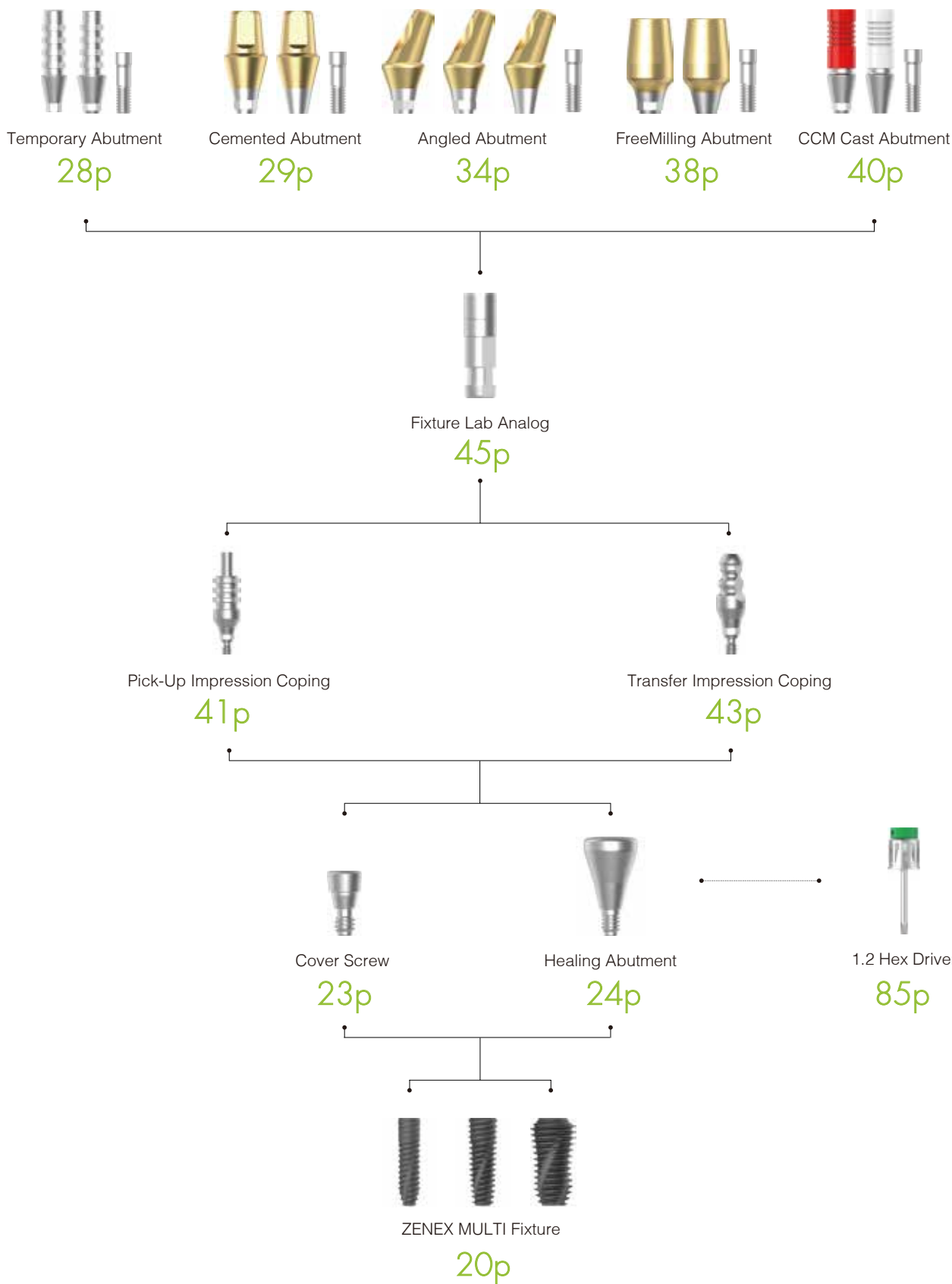
## M/R/W

H (mm)	6.0	7.0	9.0
D (mm)			
Ø4.3	HASR406	HASR407	HASR409
Ø4.8	HASR456	HASR457	HASR459
Ø5.5	HASR526	HASR527	HASR529
Ø6.0	HASR576	HASR577	HASR579
Ø6.8	HASR656	HASR657	HASR659

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# Prosthetic Flow Chart I



027  
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MULTI

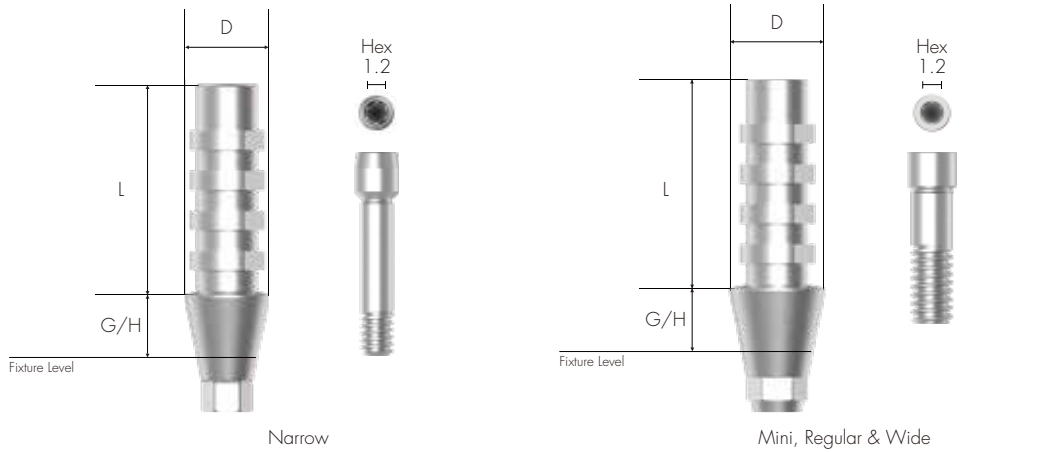
# Temporary Abutment

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

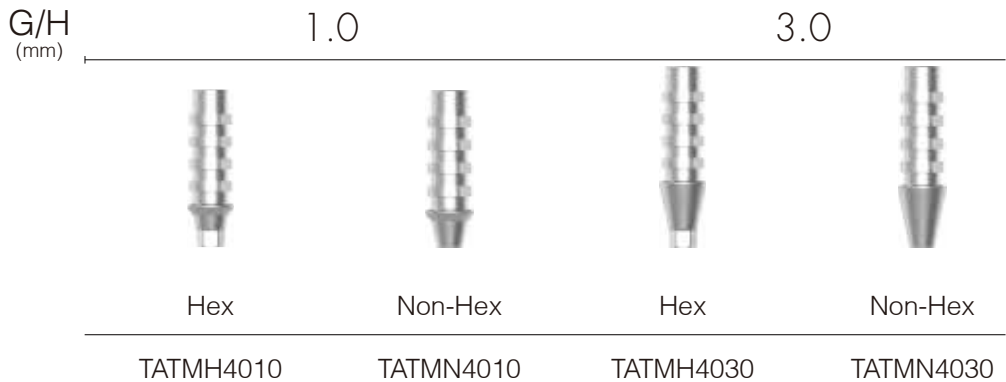
Tighten with 1.2 Hex Driver

Recommended tightening torque: 20Ncm

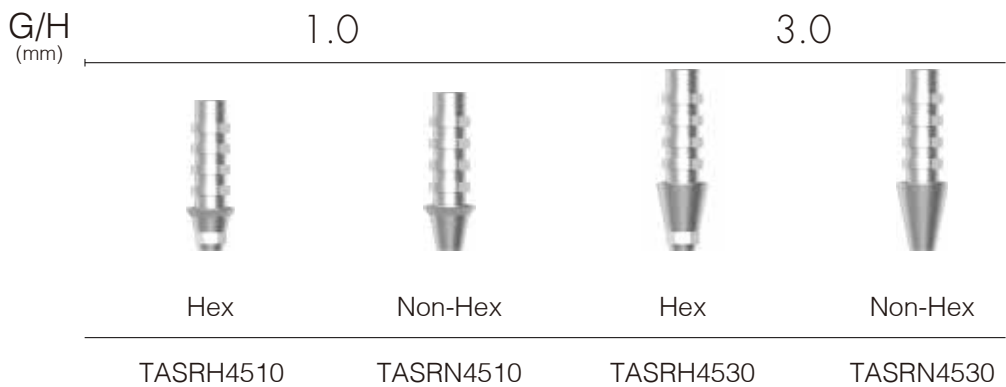
To order as a set as 'Abutment + Abutment Screw'  
 : Product Code + S (ex: TASRH4510S)



**Narrow**  
 DØ4.0



**M/R/W**  
 DØ4.5



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# Cemented Abutment

Abutment for manufacturing Cement/Combination-retained type prosthesis

Select specification fits for fixture connection.

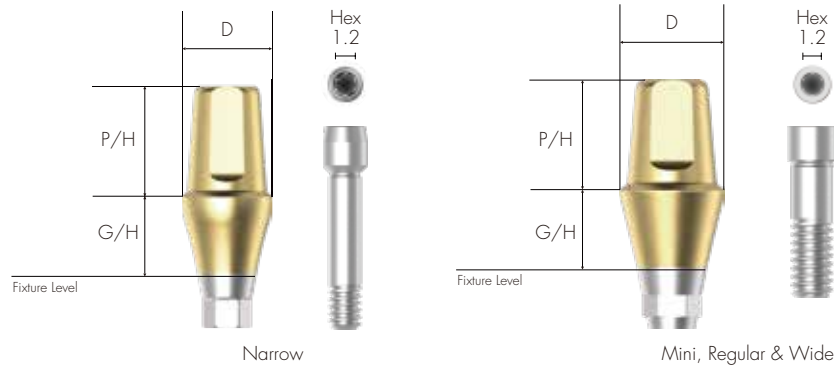
Customized by grinding (need to be maintained at least 3.0mm of Abutment Length above Fixture Platform)

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: CASRH45104S)



## Narrow DØ4.0

		G/H (mm)	1.0	2.0	3.0	4.0
		P/H (mm)				
Hex	5.5	CATMH40105	CATMH40205	CATMH40305	CATMH40405	
	7.0	CATMH40107	CATMH40207	CATMH40307	CATMH40407	
Non-Hex	5.5	CATMN40105	CATMN40205	CATMN40305	CATMN40405	
	7.0	CATMN40107	CATMN40207	CATMN40307	CATMN40407	

## Narrow DØ4.0

		G/H (mm)	5.0	6.0	7.0
		P/H (mm)			
Hex	5.5	CATMH40505	CATMH40605	CATMH40705	
	7.0	CATMH40507	CATMH40607	CATMH40707	
Non-Hex	5.5	CATMN40505	CATMN40605	CATMN40705	
	7.0	CATMN40507	CATMN40607	CATMN40707	







**Narrow**  
DØ4.5

		G/H (mm)	1.0	2.0	3.0	4.0
		P/H (mm)				
Hex	5.5	CATMH45105	CATMH45205	CATMH45305	CATMH45405	
	7.0	CATMH45107	CATMH45207	CATMH45307	CATMH45407	
Non-Hex	5.5	CATMN45105	CATMN45205	CATMN45305	CATMN45405	
	7.0	CATMN45107	CATMN45207	CATMN45307	CATMN45407	

**Narrow**  
DØ4.5

		G/H (mm)	5.0	6.0	7.0
		P/H (mm)			
Hex	5.5	CATMH45505	CATMH45605	CATMH45705	
	7.0	CATMH45507	CATMH45607	CATMH45707	
Non-Hex	5.5	CATMN45505	CATMN45605	CATMN45705	
	7.0	CATMN45507	CATMN45607	CATMN45707	


**M/R/W**  
DØ4.5

		G/H (mm)	1.0	2.0	3.0	4.0
		P/H (mm)				
Hex	4.0	CASRH45104	CASRH45204	CASRH45304	CASRH45404	
	5.5	CASRH45105	CASRH45205	CASRH45305	CASRH45405	
	7.0	CASRH45107	CASRH45207	CASRH45307	CASRH45407	
Non-Hex	4.0	CASRN45104	CASRN45204	CASRN45304	CASRN45404	
	5.5	CASRN45105	CASRN45205	CASRN45305	CASRN45405	
	7.0	CASRN45107	CASRN45207	CASRN45307	CASRN45407	

M/R/W  
DØ4.5

		G/H (mm)	5.0	6.0	7.0
					
		P/H (mm)			
Hex	4.0		CASRH45504	CASRH45604	CASRH45704
	5.5		CASRH45505	CASRH45605	CASRH45705
	7.0		CASRH45507	CASRH45607	CASRH45707
Non-Hex	4.0		CASRN45504	CASRN45604	CASRN45704
	5.5		CASRN45505	CASRN45605	CASRN45705
	7.0		CASRN45507	CASRN45607	CASRN45707



M/R/W  
DØ5.2

		G/H (mm)	1.0	2.0	3.0	4.0
						
		P/H (mm)				
Hex	4.0		CASRH52104	CASRH52204	CASRH52304	CASRH52404
	5.5		CASRH52105	CASRH52205	CASRH52305	CASRH52405
	7.0		CASRH52107	CASRH52207	CASRH52307	CASRH52407
Non-Hex	4.0		CASRN52104	CASRN52204	CASRN52304	CASRN52404
	5.5		CASRN52105	CASRN52205	CASRN52305	CASRN52405
	7.0		CASRN52107	CASRN52207	CASRN52307	CASRN52407

M/R/W  
DØ5.2

		G/H (mm)	5.0	6.0	7.0
					
		P/H (mm)			
Hex	4.0		CASRH52504	CASRH52604	CASRH52704
	5.5		CASRH52505	CASRH52605	CASRH52705
	7.0		CASRH52507	CASRH52607	CASRH52707
Non-Hex	4.0		CASRN52504	CASRN52604	CASRN52704
	5.5		CASRN52505	CASRN52605	CASRN52705
	7.0		CASRN52507	CASRN52607	CASRN52707

M/R/W  
DØ5.7

		G/H (mm)	1.0	2.0	3.0	4.0
		P/H (mm)				
Hex	4.0	CASRH57104	CASRH57204	CASRH57304	CASRH57404	
	5.5	CASRH57105	CASRH57205	CASRH57305	CASRH57405	
	7.0	CASRH57107	CASRH57207	CASRH57307	CASRH57407	
Non-Hex	4.0	CASRN57104	CASRN57204	CASRN57304	CASRN57404	
	5.5	CASRN57105	CASRN57205	CASRN57305	CASRN57405	
	7.0	CASRN57107	CASRN57207	CASRN57307	CASRN57407	

M/R/W  
DØ5.7

		G/H (mm)	5.0	6.0	7.0
		P/H (mm)			
Hex	4.0	CASRH57504	CASRH57604	CASRH57704	
	5.5	CASRH57505	CASRH57605	CASRH57705	
	7.0	CASRH57507	CASRH57607	CASRH57707	
Non-Hex	4.0	CASRN57504	CASRN57604	CASRN57704	
	5.5	CASRN57505	CASRN57605	CASRN57705	
	7.0	CASRN57507	CASRN57607	CASRN57707	

M/R/W  
DØ6.5

		G/H (mm)	1.0	2.0	3.0	4.0
		P/H (mm)				
Hex	4.0	CASRH65104	CASRH65204	CASRH65304	CASRH65404	
	5.5	CASRH65105	CASRH65205	CASRH65305	CASRH65405	
Non-Hex	4.0	CASRN65104	CASRN65204	CASRN65304	CASRN65404	
	5.5	CASRN65105	CASRN65205	CASRN65305	CASRN65405	

M/R/W  
DØ6.5

		G/H (mm)	5.0	6.0	7.0
		P/H (mm)			
Hex	4.0	CASRH65504	CASRH65604	CASRH65704	
	5.5	CASRH65505	CASRH65605	CASRH65705	
Non-Hex	4.0	CASRN65504	CASRN65604	CASRN65704	
	5.5	CASRN65505	CASRN65605	CASRN65705	

# Angled Abutment

Abutment for manufacturing Cement/Combination-retained type prosthesis

Various types of Angle (17° for Ø 3.0 Narrow Fixture / 15° & 25° for Mini, Regular and Wide Fixture [Ø 3.5 ~ Ø 7.0])

Select specification fits for fixture connection.

Fixture Level Impression

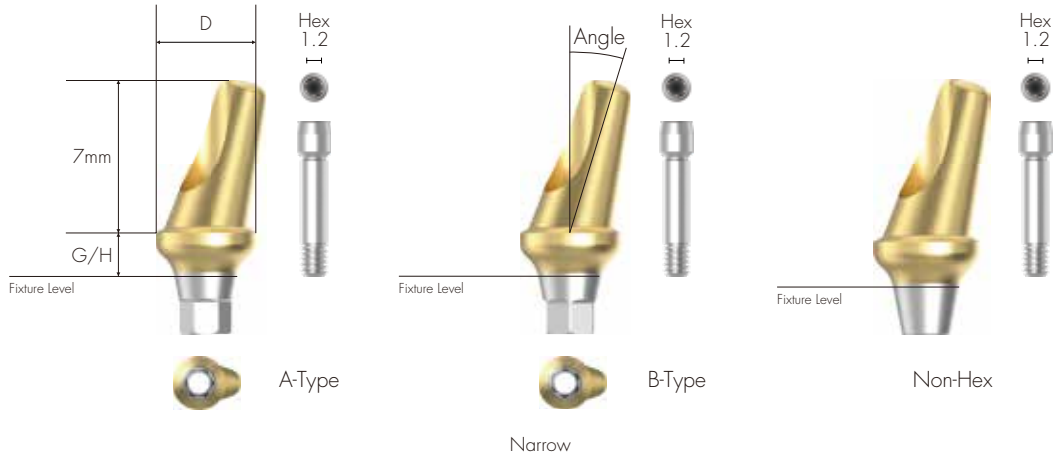
Can be positioned in 12 directions by selecting A or B type

Tighten with 1.2 Hex Driver

Recommended tightening torque: 30Ncm

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

: Product Code + S (ex: AASRA45152S)



**Narrow**  
DØ4.0

G/H (mm)	2.0	4.0
Angle	17°	



A-Type

AATMA40172

AATMA40174

B-Type

AATMB40172

AATMB40174

Non-Hex

AATMN40172

AATMN40174

**Narrow**  
DØ4.5

G/H (mm)	2.0	4.0
Angle	17°	



A-Type

AATMA45172

AATMA45174

B-Type

AATMB45172

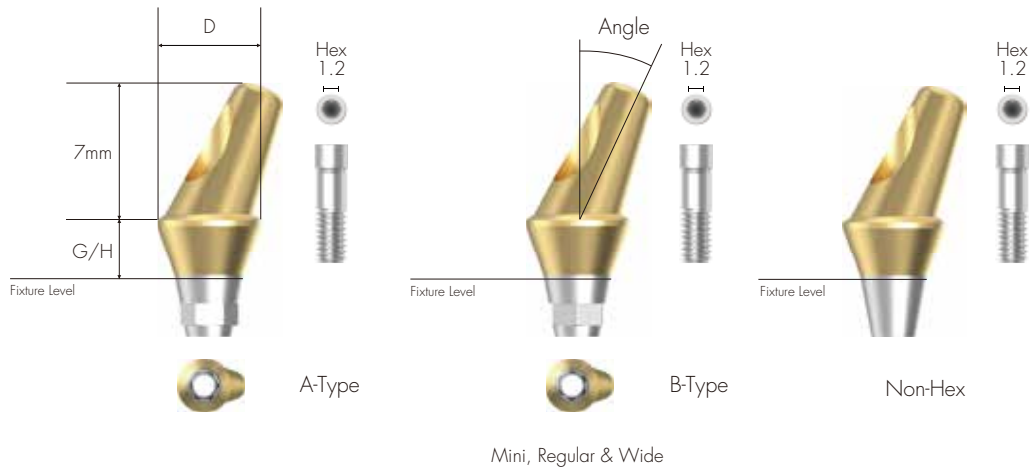
AATMB45174

Non-Hex

AATMN45172

AATMN45174





M/R/W  
DØ4.5

G/H (mm)	2.0	3.0	4.0
Angle		15°	



A-Type

AASRA45152

AASRA45153

AASRA45154

B-Type

AASRB45152

AASRB45153

AASRB45154

Non-Hex

AASRN45152

AASRN45153

AASRN45154

M/R/W  
DØ5.2

G/H (mm)	2.0	3.0	4.0
Angle		15°	



A-Type

AASRA52152

AASRA52153

AASRA52154

B-Type

AASRB52152

AASRB52153

AASRB52154

Non-Hex

AASRN52152

AASRN52153

AASRN52154

M/R/W  
DØ5.7

G/H (mm)	2.0	3.0	4.0
Angle	15°		



A-Type

AASRA57152

AASRA57153

AASRA57154

B-Type

AASRB57152

AASRB57153

AASRB57154

Non-Hex

AASRN57152

AASRN57153

AASRN57154

M/R/W  
DØ4.5

G/H (mm)	2.0	3.0	4.0
Angle	25°		



A-Type

AASRA45252

AASRA45253

AASRA45254

B-Type

AASRB45252

AASRB45253

AASRB45254

Non-Hex

AASRN45252

AASRN45253

AASRN45254

M/R/W  
DØ5.2

G/H (mm)	2.0	3.0	4.0
Angle	25°		



A-Type

AASRA52252

AASRA52253

AASRA52254

B-Type

AASRB52252

AASRB52253

AASRB52254

Non-Hex

AASRN52252

AASRN52253

AASRN52254

M/R/W  
DØ5.7

G/H  
(mm) 2.0 3.0 4.0  
Angle 25°



A-Type

AASRA57252

AASRA57253

AASRA57254

B-Type

AASRB57252

AASRB57253

AASRB57254

Non-Hex

AASRN57252

AASRN57253

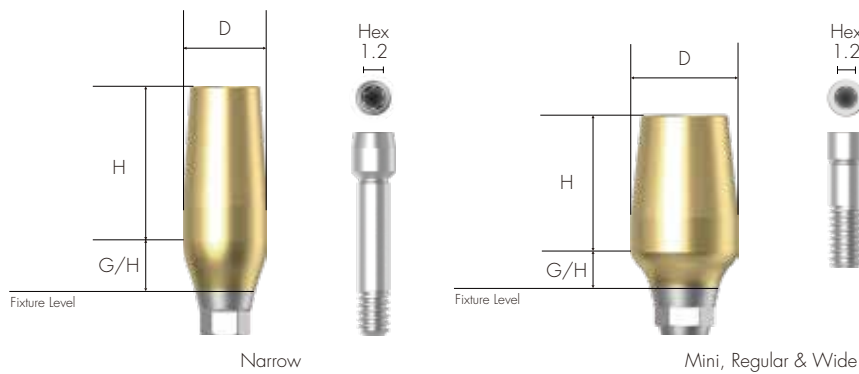
AASRN57254

# 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  
 When using a Narrow Fixture (Ø 3.0), use Mini Type FreeMilling Abutment of T-System.

To order as a set as 'Abutment + Abutment Screw'  
 : Product Code + S (ex: FMASRH52208S)



038 ZENEX MULTI

## Narrow

DØ4.0  
 H: 9.0mm



Hex

FMATMH40159



Non-Hex

FMATMN40159



Hex

FMATMH40309



Non-Hex

FMATMN40309

## M/R/W

DØ4.5  
 H: 9.0mm



Hex

FMASRH45209



Non-Hex

FMASRN45209



Hex

FMASRH45409



Non-Hex

FMASRN45409

**M/R/W**  
DØ5.2  
H: 8.0mm



**M/R/W**  
DØ5.7  
H: 8.0mm



**M/R/W**  
DØ6.5  
H: 8.0mm

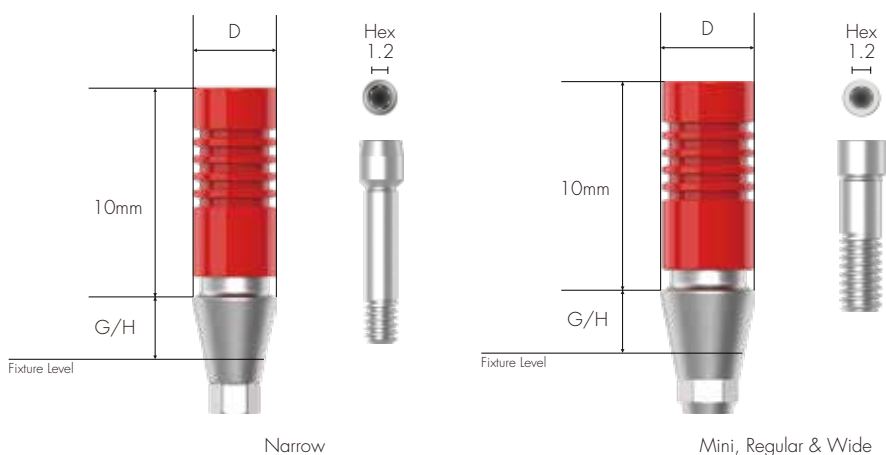


# CCM Cast Abutment

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

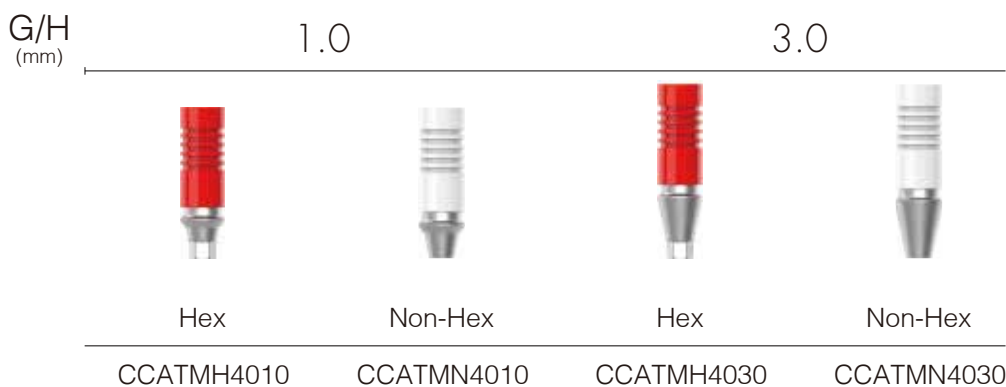
Tighten with 1.2 Hex Driver  
 Recommended tightening torque: 30Ncm

To order as a set as 'Abutment + Abutment Screw'  
 : Product Code + S (ex: CCASRH4510S)

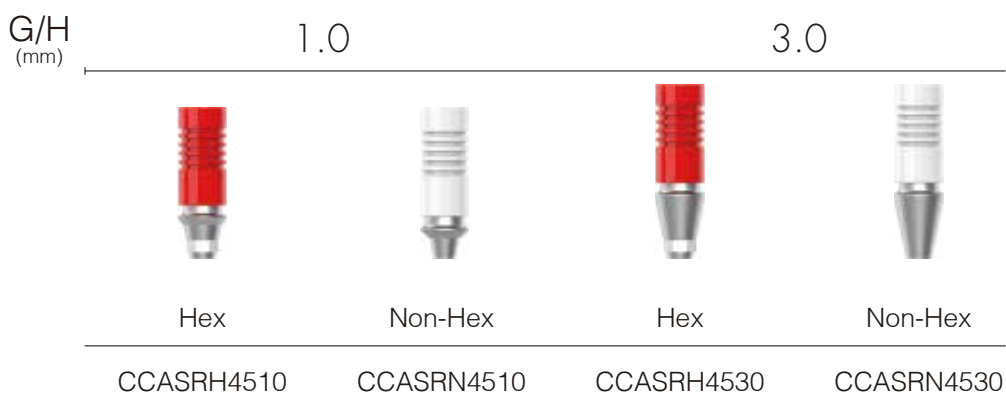


040 ZENEX MULTI

## Narrow DØ4.0



## M/R/W DØ4.5



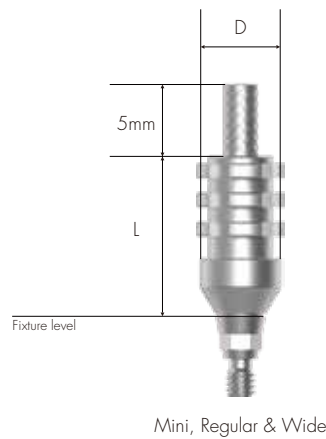
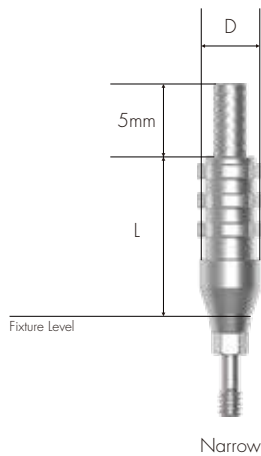


# Pick-Up Impression Coping





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: PISR40SS)  
 [For 15mm Length] Product Code + S (ex: PISR40LS)



041 ZENEX MULTI

		L (mm)		11.0		Guide Pin S	
		Hex	Non-Hex				
							
<b>Narrow</b>	D (mm)	Ø4.0 PITMH40S	Ø4.5 PITMH45S	Ø4.0 PITMN40S	Ø4.5 PITMN45S	PIGPTMS	
<b>M/R/W</b>	D (mm)	Ø4.0 PISR40S	Ø4.8 PISR45S	Ø4.0 PISRN40S	Ø4.8 PISRN45S	PIGPSRS	
		Ø5.5 PISR52S	Ø6.0 PISR57S	Ø5.5 PISRN52S	Ø6.0 PISRN57S		
		Ø6.8 PISR65S		Ø6.8 PISRN65S			

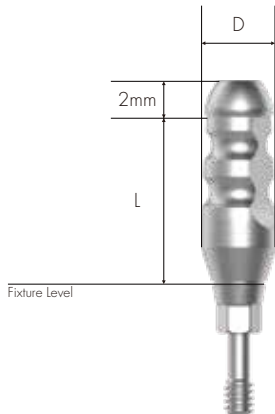
		L (mm)		15.0		Guide Pin L	
		Hex	Non-Hex				
		D (mm)					
<b>Narrow</b>	Ø4.0	PITMH40L	PITMN40L			PIGPTML	
	Ø4.5	PITMH45L	PITMN45L			PIGPTML	
<b>M/R/W</b>	Ø4.0	PISRH40L	PISRN40L				
	Ø4.8	PISRH45L	PISRN45L				
	Ø5.5	PISRH52L	PISRN52L				
	Ø6.0	PISRH57L	PISRN57L				
	Ø6.8	PISRH65L	PISRN65L			PIGPSRL	

# Transfer Impression Coping

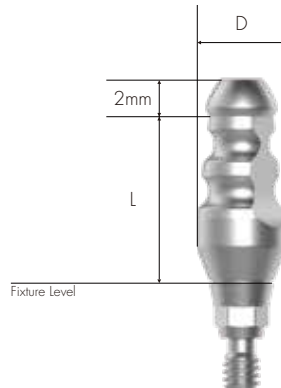
Components for Fixture Level Impression  
 Closed Tray Type  
 Select specification fits for fixture connection  
 Streamlined Shape: Easy to transfer  
 Anti-Rotation Grooves accord with Hex of fixture

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: TISRH40S)  
 [For 13mm Length] Product Code + S (ex: TISRH40LS)









Narrow



Mini, Regular & Wide

043 ZENEX MULTI

		L (mm)		9.0		Guide Pin S	
		Hex	Non-Hex				
	D (mm)						
Narrow	Ø4.0	TITMH40S	TITMN40S	TIGPTMS			
	Ø4.5	TITMH45S	TITMN45S				
M/R/W	Ø4.0	TISRH40S	TISRN40S	TIGPSRS			
	Ø4.8	TISRH45S	TISRN45S				
	Ø5.5	TISRH52S	TISRN52S				
	Ø6.0	TISRH57S	TISRN57S				
	Ø6.8	TISRH65S	TISRN65S				

		L (mm)		13.0		Guide Pin L	
		Hex	Non-Hex				
		D (mm)					
<b>Narrow</b>	Ø4.0	TITMH40L	TITMN40L			TIGPTML	
	Ø4.5	TITMH45L	TITMN45L				
<b>M/R/W</b>	Ø4.0	TISRH40L	TISRN40L			TIGPSRL	
	Ø4.8	TISRH45L	TISRN45L				
	Ø5.5	TISRH52L	TISRN52L				
	Ø6.0	TISRH57L	TISRN57L				
	Ø6.8	TISRH65L	TISRN65L				

# Fixture Lab Analog

Lab Analog for Fixture Level Impression

Select among Fixture Diameter ( $\varnothing$  3.0 /  $\varnothing$  3.5 /  $\varnothing$  4.0 and above)



**Narrow**  
D $\varnothing$ 3.2



FLASN300

**Mini**  
D $\varnothing$ 3.75



FLASM350

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



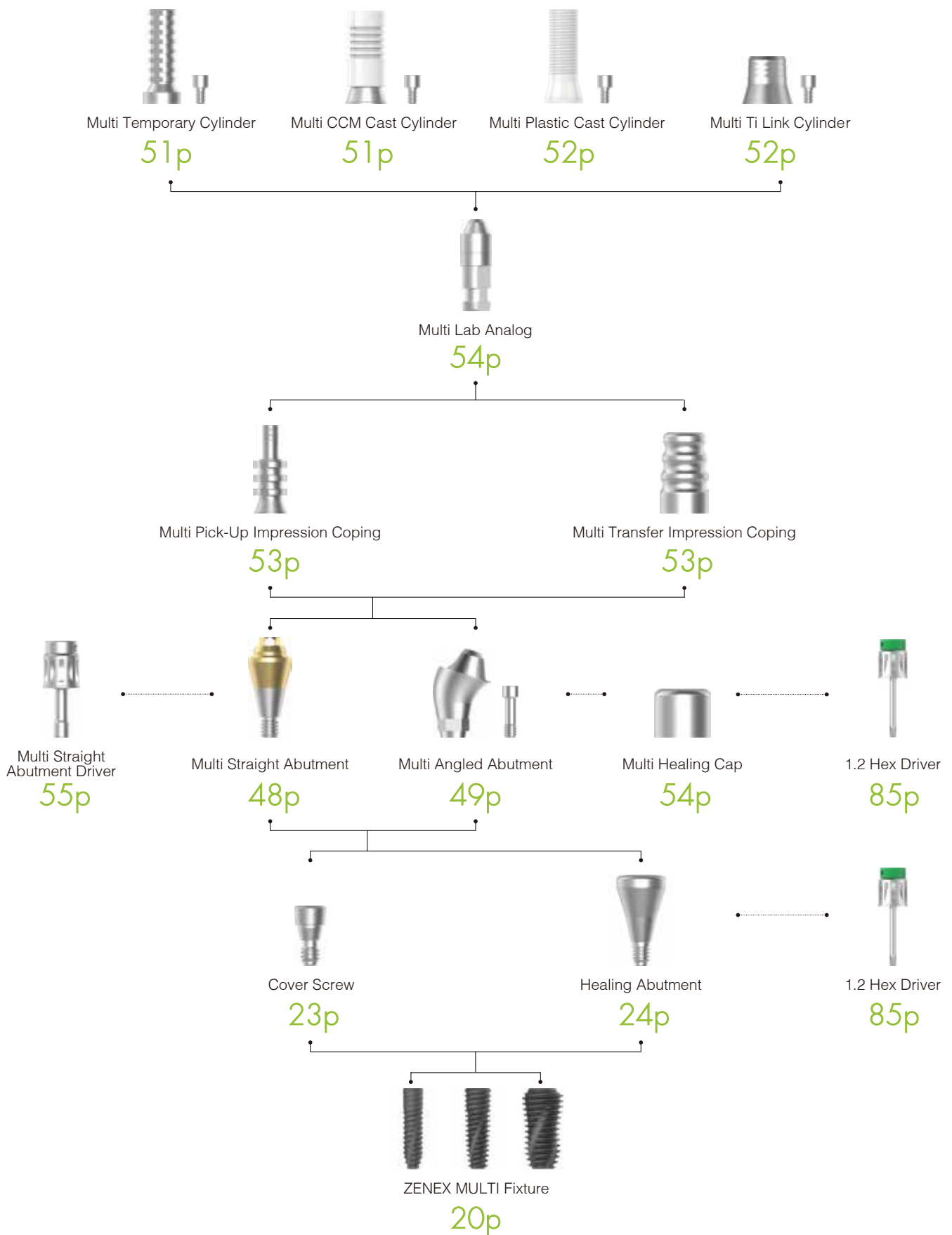
FLASR400

# IZEN

I M P L A N T



# Prosthetic Flow Chart II



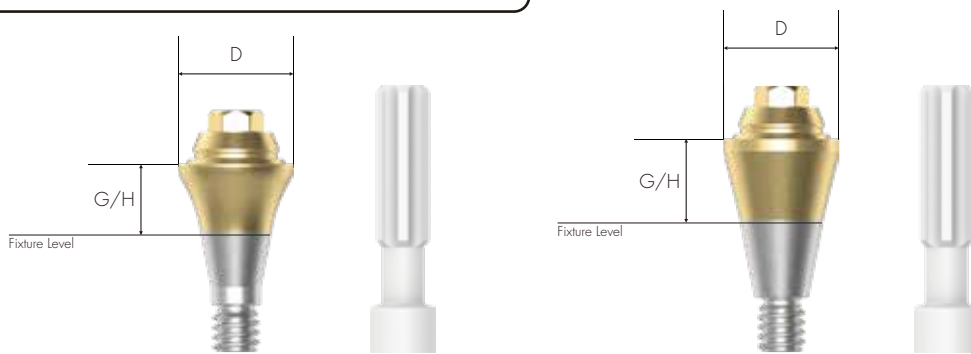
047  
ZENEX  
MULTI

# 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: MSASR4815S)



Narrow

Mini, Regular & Wide

## Narrow DØ4.8

G/H (mm)	1.0	2.0	3.0	4.0	5.0
	MSATM4810	MSATM4820	MSATM4830	MSATM4840	MSATM4850

## M/R/W DØ4.8

G/H (mm)	1.5	2.5	3.5	4.5
	MSASR4815	MSASR4825	MSASR4835	MSASR4845

# 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 (MAASTM20 for Mini & MAASSR23 for Regular and Wide) included

To order as a set as 'Abutment + Screw + Carrier'  
 : Product Code + S (ex: MAASRH481725S)



049 ZENEX MULTI

## Narrow DØ4.8

G/H (mm)	2.5	3.0	4.0
----------	-----	-----	-----

Angle  
17°



MAATMH481725    MAATMH481730    MAATMH481740

## Narrow DØ4.8

G/H (mm)	3.5	4.0	5.0
----------	-----	-----	-----

Angle  
30°



MAATMH483035    MAATMH483040    MAATMH483050

M/R/W  
DØ4.8

G/H  
(mm)

2.5

3.5

4.5

5.5

Angle  
17°



Hex

MAASRH481725

MAASRH481735

MAASRH481745

MAASRH481755

Non-Hex

MAASRN481725

MAASRN481735

MAASRN481745

MAASRN481755

M/R/W  
DØ4.8

G/H  
(mm)

3.5

4.5

5.5

6.5

Angle  
30°



Hex

MAASRH483035

MAASRH483045

MAASRH483055

MAASRH483065

Non-Hex

MAASRN483035

MAASRN483045

MAASRN483055

MAASRN483065

# Multi Temporary Cylinder

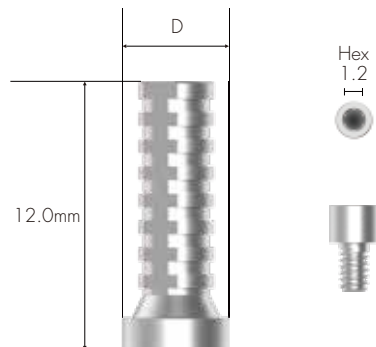
Multi Cylinder for making Combination-retained prosthesis from Multi Abutment  
For manufacturing Screw-retained temporary Abutment

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

051 ZENEX  
MULTI

# Multi CCM Cast Cylinder

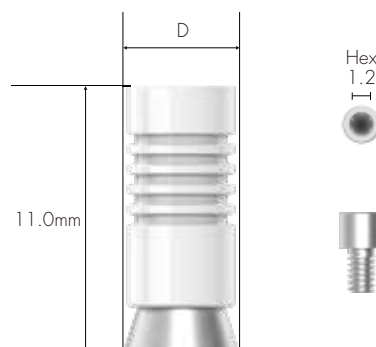
Multi Cylinder for making Screw-retained prosthesis from Multi Abutment  
Casting with non-precious alloy for manufacturing customized prosthesis  
Melting point of CCM : 1,400 ~ 1,550°C

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

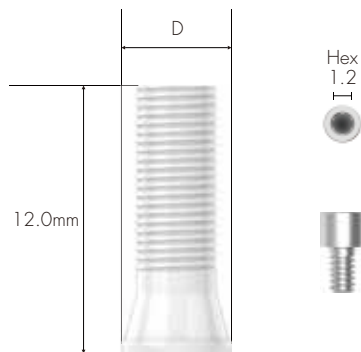
Multi Cylinder for making Screw-retained prosthesis from Multi Abutment

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

052 ZENEX MULTI

# 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 MULTI Implant System

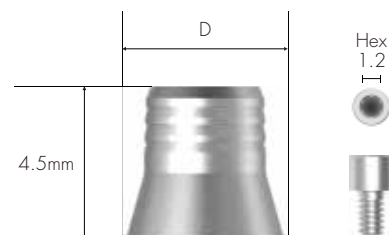
Abutment Level Impression

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



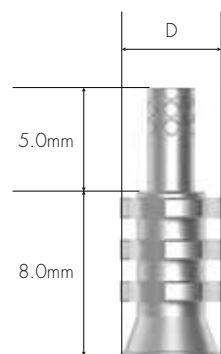
# Multi Pick-Up Impression Coping

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

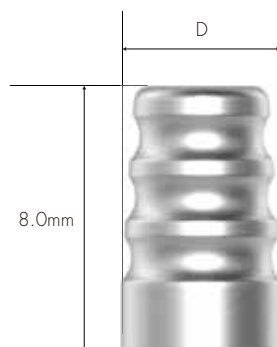
MPICSR48

053  
ZENEX  
MULTI

# 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

054 ZENEX  
MULTI

# 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

055  
ZENEX  
MULTI

# Multi Straight Abutment Driver

Torque driver for Multi Straight Abutment

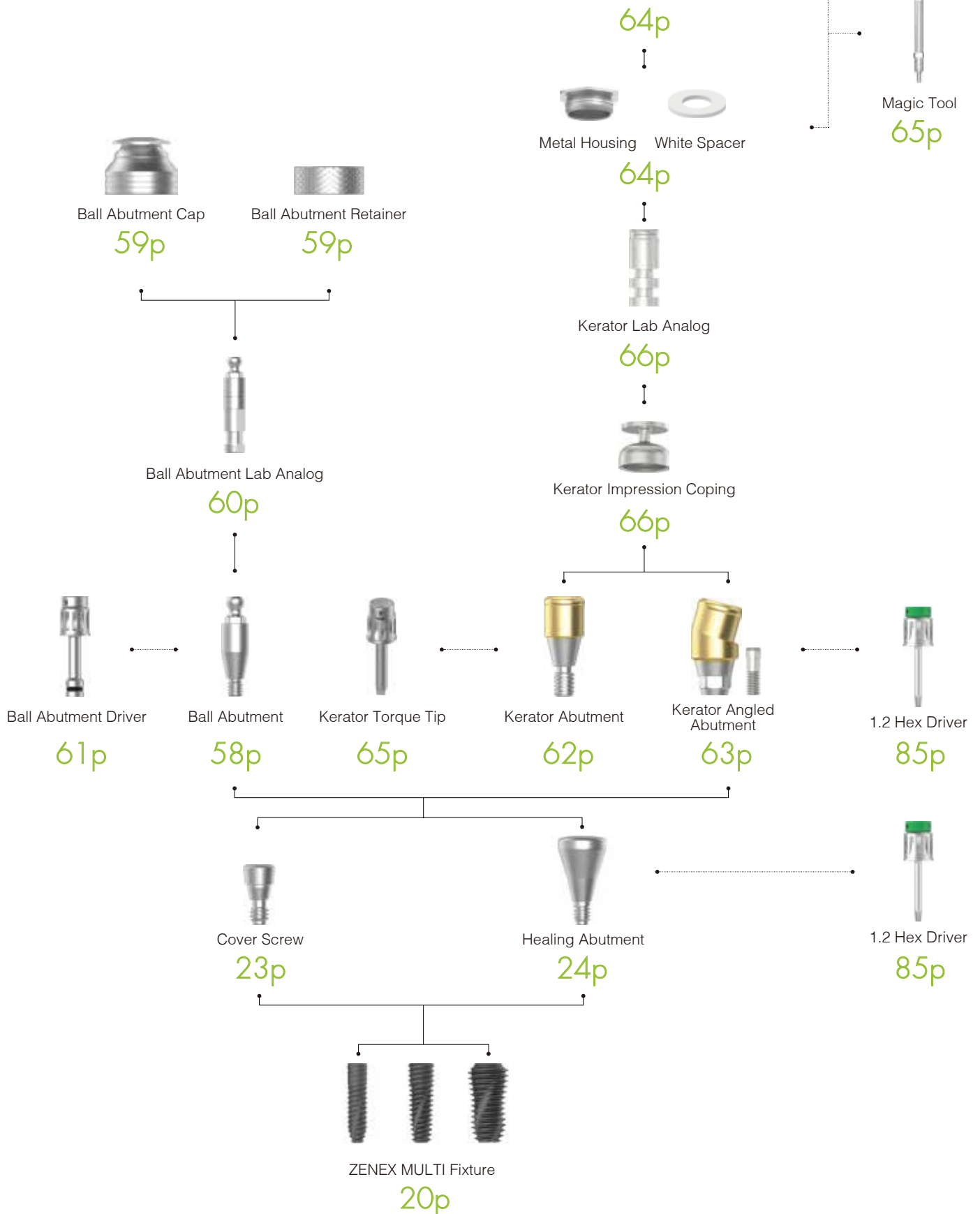
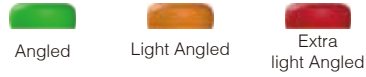
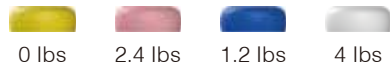


MSADSR20

# IZEN

I M P L A N T

# Prosthetic Flow Chart III

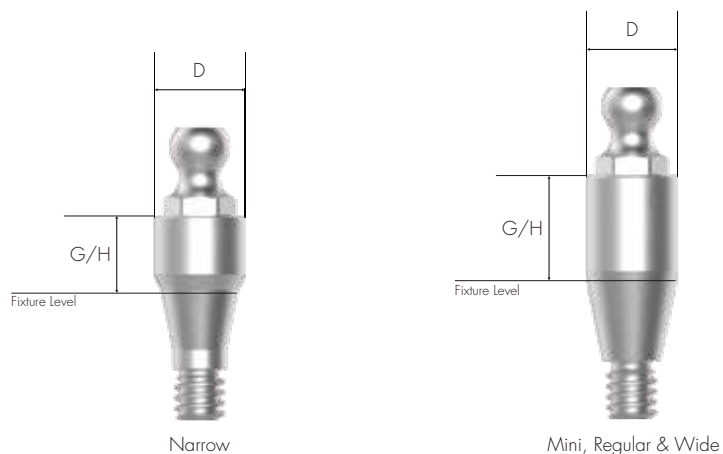


057 ZENEX MULTI

# 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



058 ZENEX MULTI

G/H (mm)	1.0	2.0	3.0	4.0	5.0	6.0
<b>Narrow</b> DØ3.5						
	BATM3510	BATM3520	BATM3530	BATM3540	BATM3550	BATM3560

G/H (mm)	1.0	2.0	3.0	4.0	5.0	6.0
<b>M/R/W</b> DØ3.5						
	BASR3510	BASR3520	BASR3530	BASR3540	BASR3550	BASR3560

# 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

060 ZENEX  
99 MULTI

# Ball Abutment Lab Analog

Lab Analog for Ball Abutment



BAALA

# Ball Abutment Driver

Torque driver for Ball Abutment

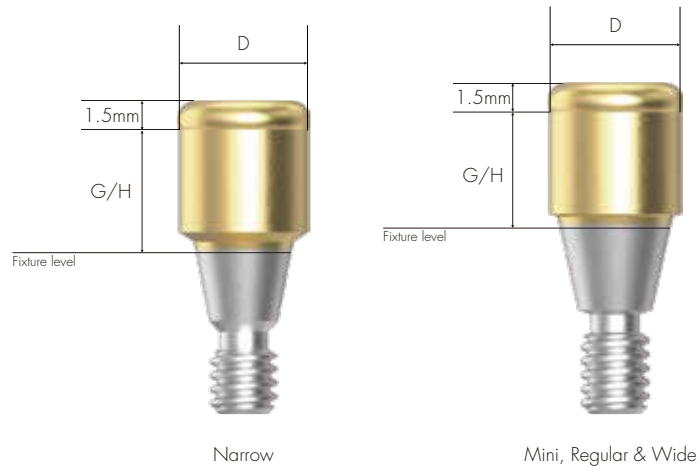


BAD24

# 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



062 ZENEX MULTI

## Narrow DØ3.7

G/H (mm)	1.0	2.0	3.0	4.0	5.0	6.0
	G351	G352	G353	G354	G355	G356

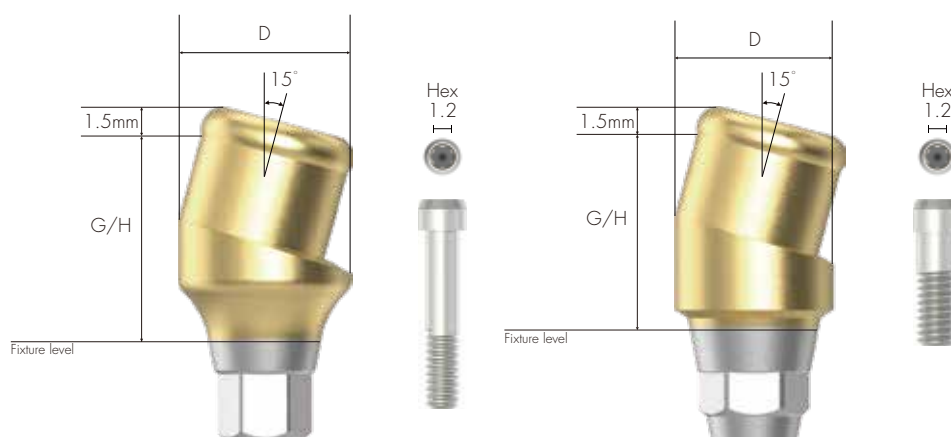
## M/R/W DØ3.7

G/H (mm)	1.0	2.0	3.0	4.0	5.0	6.0
	SQ351	SQ352	SQ353	SQ354	SQ355	SQ356

# 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



Narrow

Mini, Regular & Wide

## Narrow DØ3.7

G/H (mm) — 1.5 — 3.0



G35AN1.5



G35AN3.0

## M/R/W DØ3.7

G/H (mm) — 1.5 — 3.0



SQ35AN1.5



SQ35AN3.0

# 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

064 ZENEX  
MULTI

# 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

065 ZENEX  
MULTI

# 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

066 ZENEX  
99 MULTI

# Kerator Lab Analog

Lab Analog for Kerator Abutment



DKA3854

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

067 ZENEX  
MULTI



# Prosthetic Flow Chart IV



Ti Link Abutment

70p



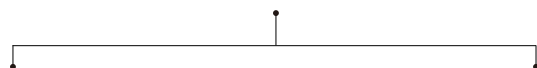
Ti Blank Abutment

71p



Fixture Lab Analog

45p



Pick-Up Impression Coping

41p



Transfer Impression Coping

43p



Cover Screw

23p



Healing Abutment

24p



1.2 Hex Driver

85p



ZENEX MULTI Fixture

20p

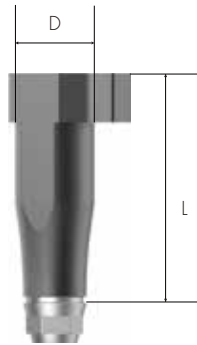
068 ZENEX MULTI

# 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: ISBR4310S)



**Narrow**  
DØ4.0

L : 14mm



TSBM4014



**Mini**  
DØ4.0

L : 14mm



ISBM4014



**R/W**  
DØ4.3

L : 10mm



ISBR4310

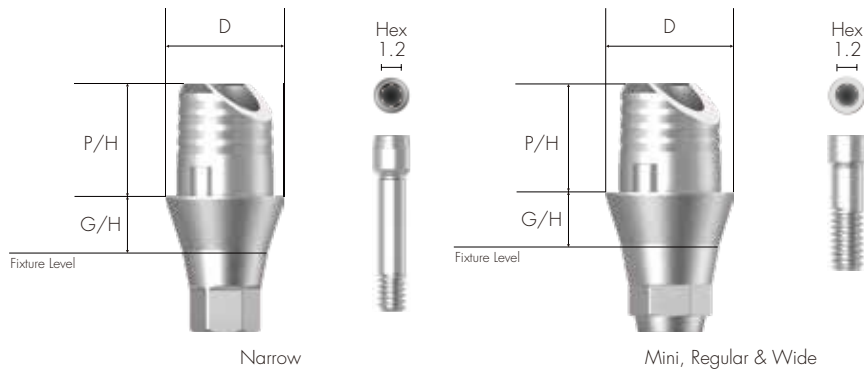


# Ti Link Abutment

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 MULTI 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: TLASRH4520S)



070 ZENEX MULTI

## Narrow DØ4.0

G/H (mm)	1.0		2.0	
P/H (mm)	3.8			
	Hex	Non-Hex	Hex	Non-Hex
	TLATMH4010	TLATMN4010	TLATMH4020	TLATMN4020

## M/R/W DØ4.5

G/H (mm)	1.0		2.0	
P/H (mm)	3.8			
	Hex	Non-Hex	Hex	Non-Hex
	TLASRH4510	TLASRN4510	TLASRH4520	TLASRN4520

# Ti Blank Abutment

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

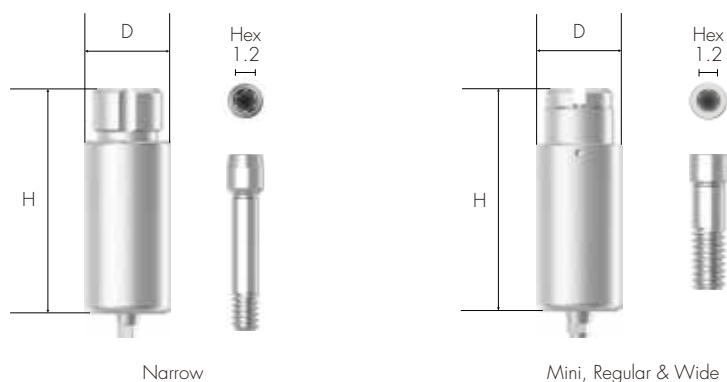
Tighten with 1.2 Hex Driver

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: TBASRH10AS)



071 ZENEX MULTI

## For Arum Narrow DØ10



## M/R/W DØ10



**For Manix**  
**Narrow**  
DØ10



**M/R/W**  
DØ10

