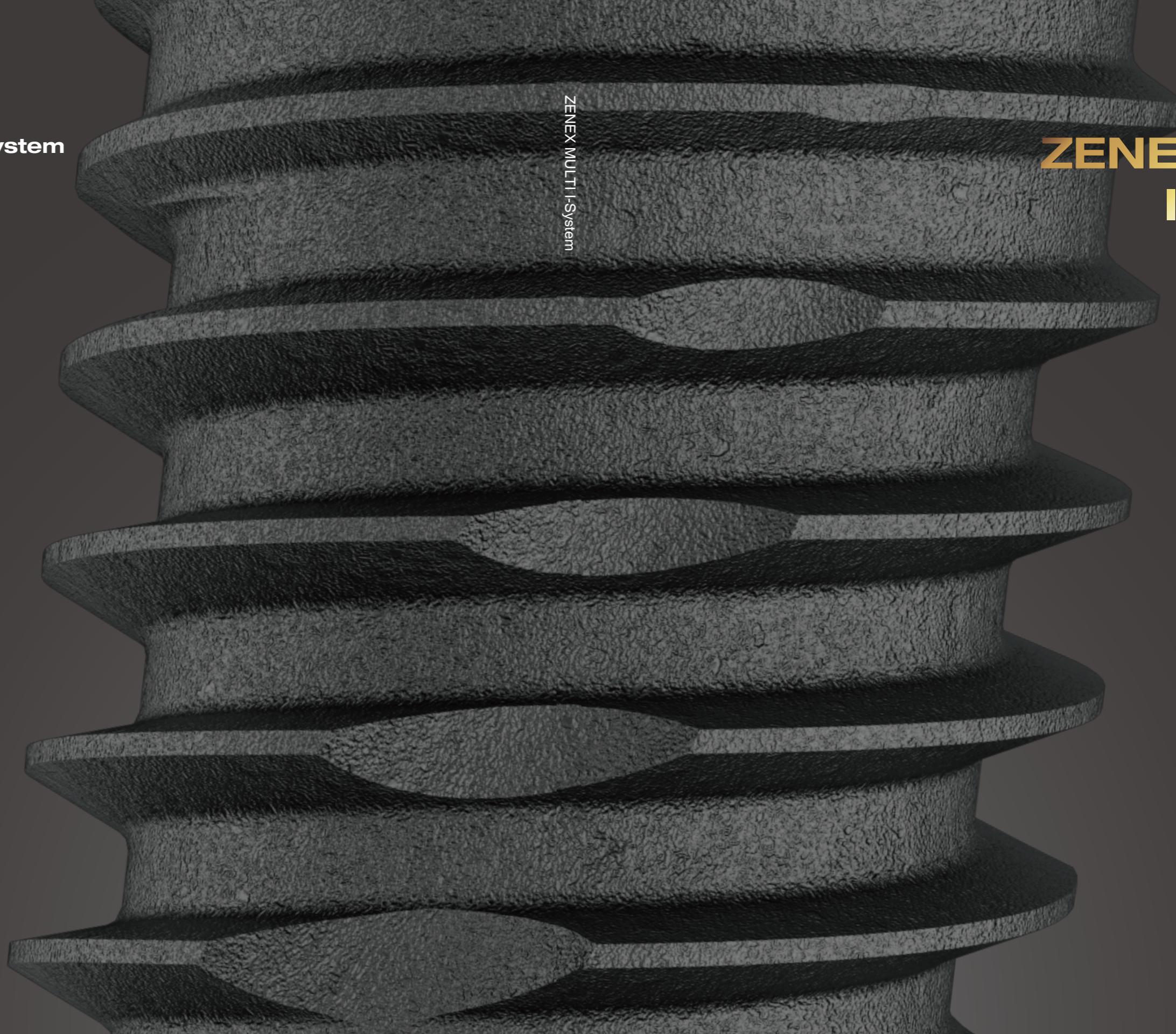


IZ-CAT-02 Rev.01(02/22)

ZENEX MULTI I-System

ZENEX MULTI I-System

ZENEX MULTI  
I-System



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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 been 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)



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



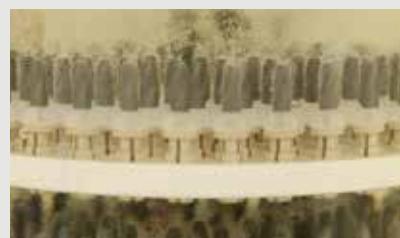
### Materials

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 product 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 widen 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.



## Surface Management

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



## Stability Test

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



## Connection Management

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



## 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.

# 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**



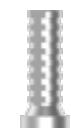
Multi Straight  
Abutment  
**048**



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

010  
CONTENTS



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**  
I M P L A N T

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

012  
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



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

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

**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

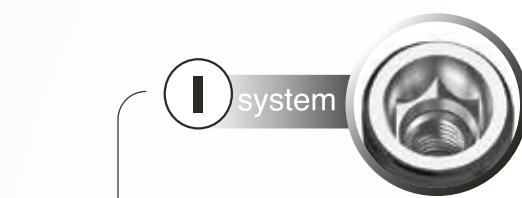
# ZENEX MULTI I-System

## - Design features

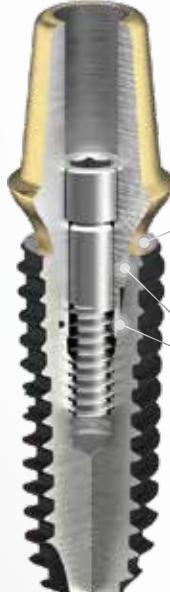
- Designed for various types of bone



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



11° tapered double contact connection design to prevent screw loosening  
Small connection enables to use on narrow width bone



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

Tapered design to secure initial stability  
Possible to secure initial stability on apex of fixture by realizing wide apical diameter.  
0.8 Pitch double thread helps to reduce time for implant placement

# ZENEX MULTI 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 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 ( $\varnothing 3.0$ )

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

For Wide Fixture ( $\varnothing 6.0$ ,  $\varnothing 7.0$ )

- 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

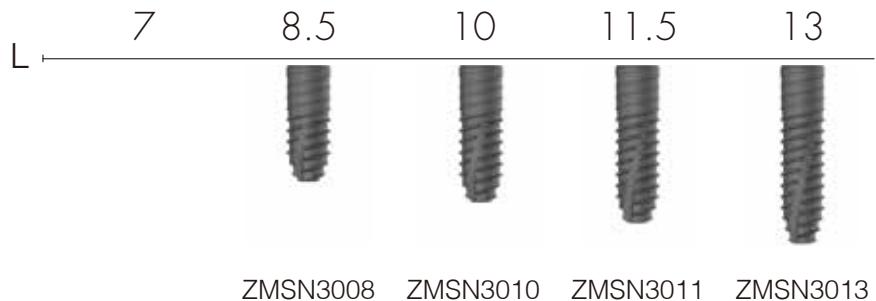
\* Recommend to use fixture bigger than  $\varnothing 4.5$  mm for single case in posterior area

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

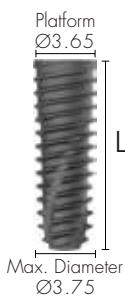
Cover Screw not included in the Fixture package.

020  
ZENEX  
MULTI

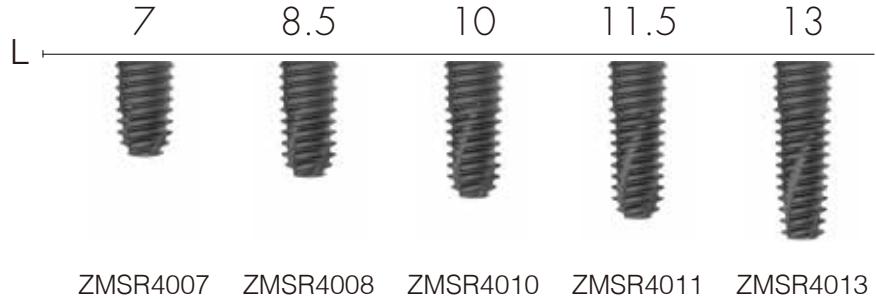
**Narrow**  
 $\varnothing 3.0$   
(mm)

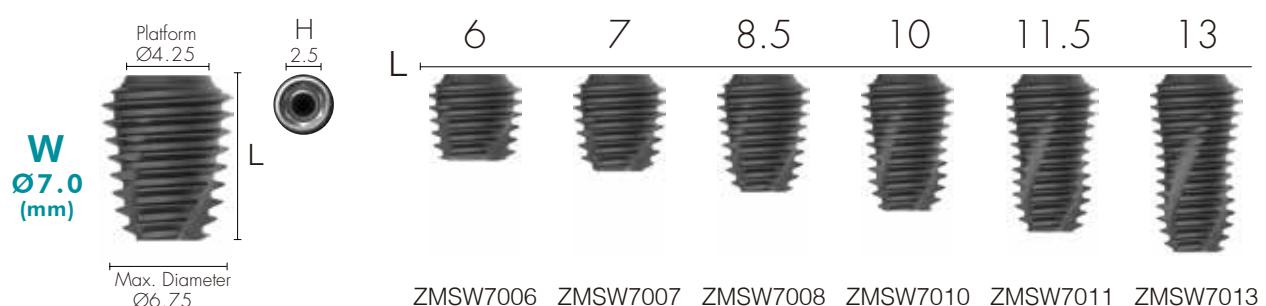
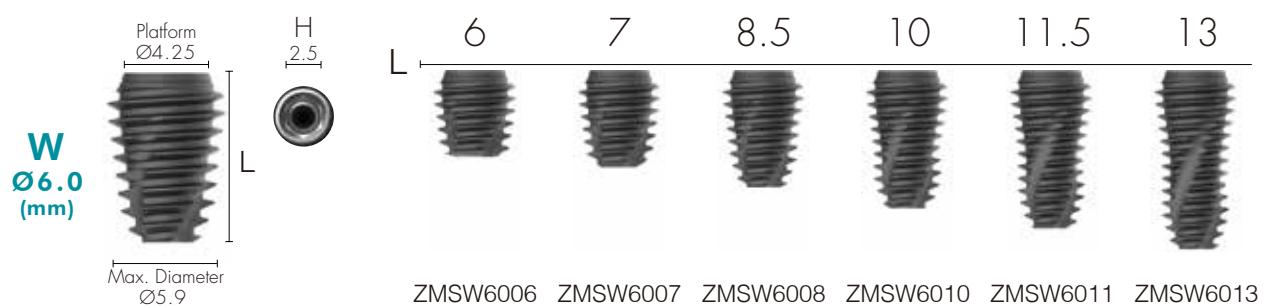
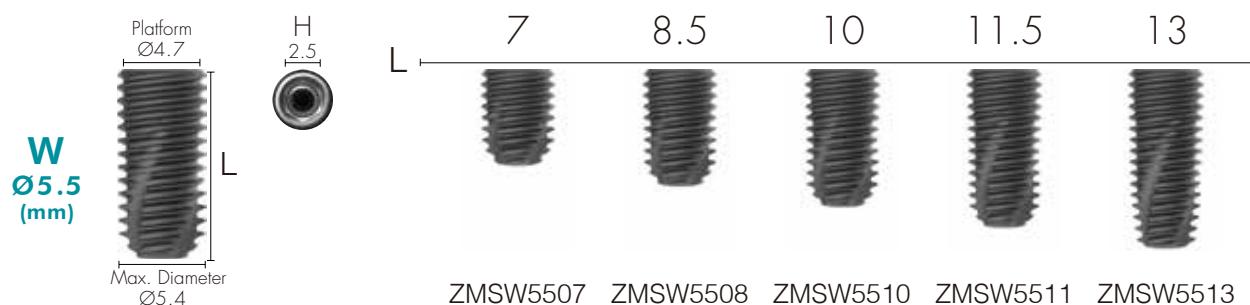
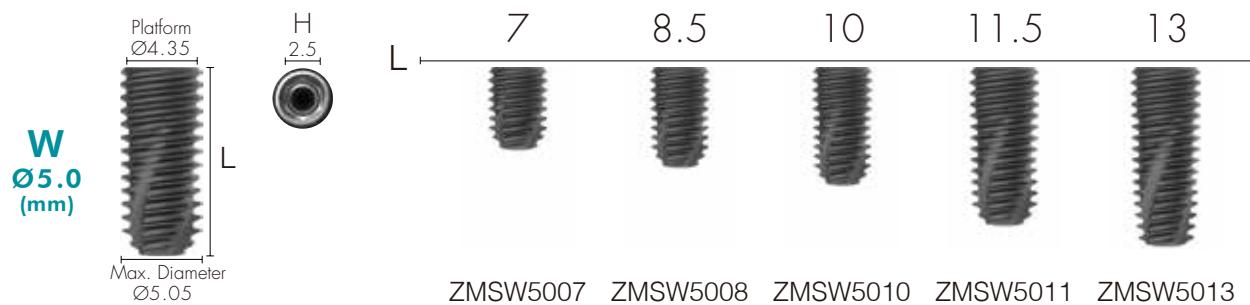


**Mini**  
 $\varnothing 3.5$   
(mm)

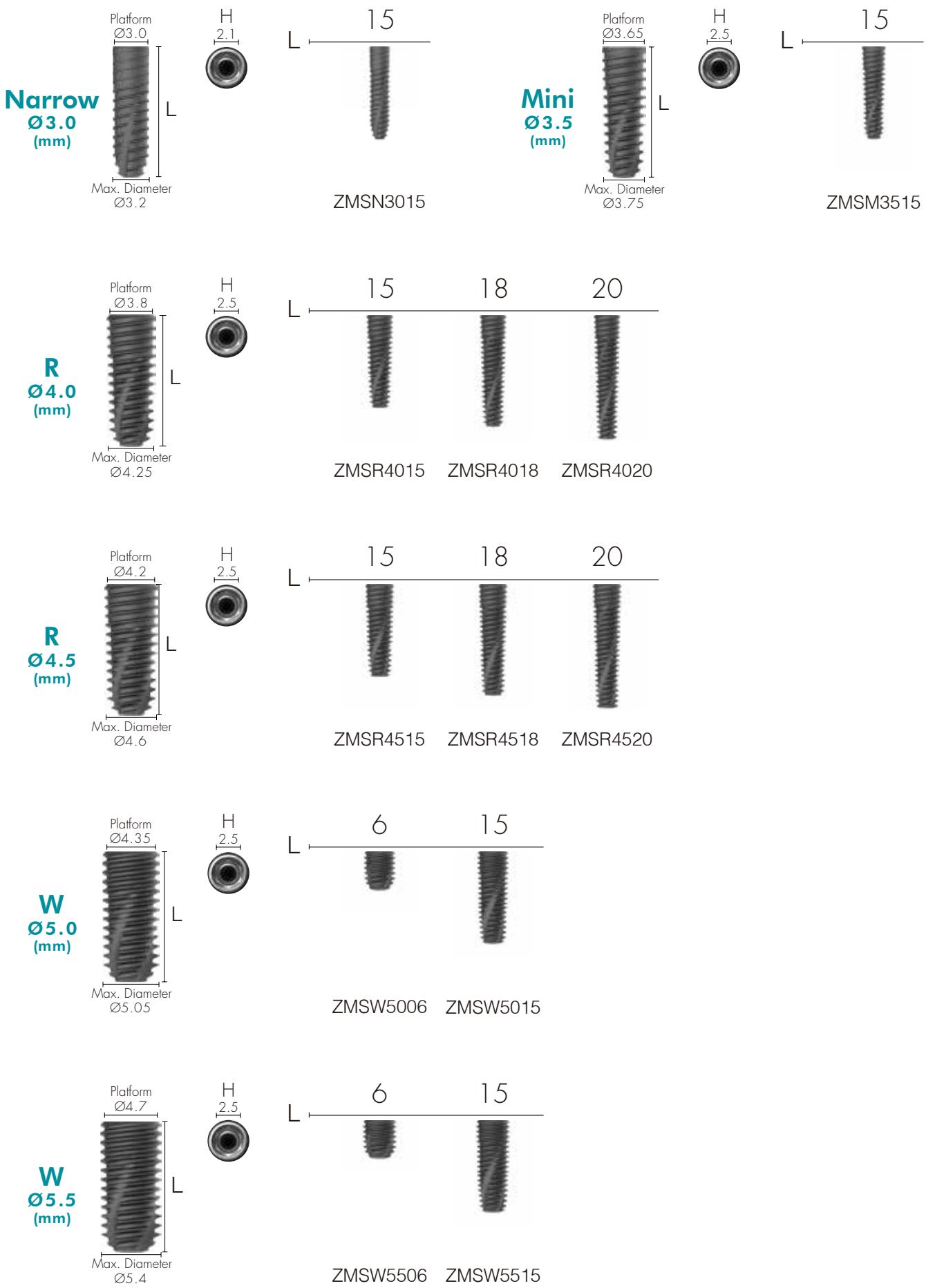


**R**  
 $\varnothing 4.0$   
(mm)





# Special Options

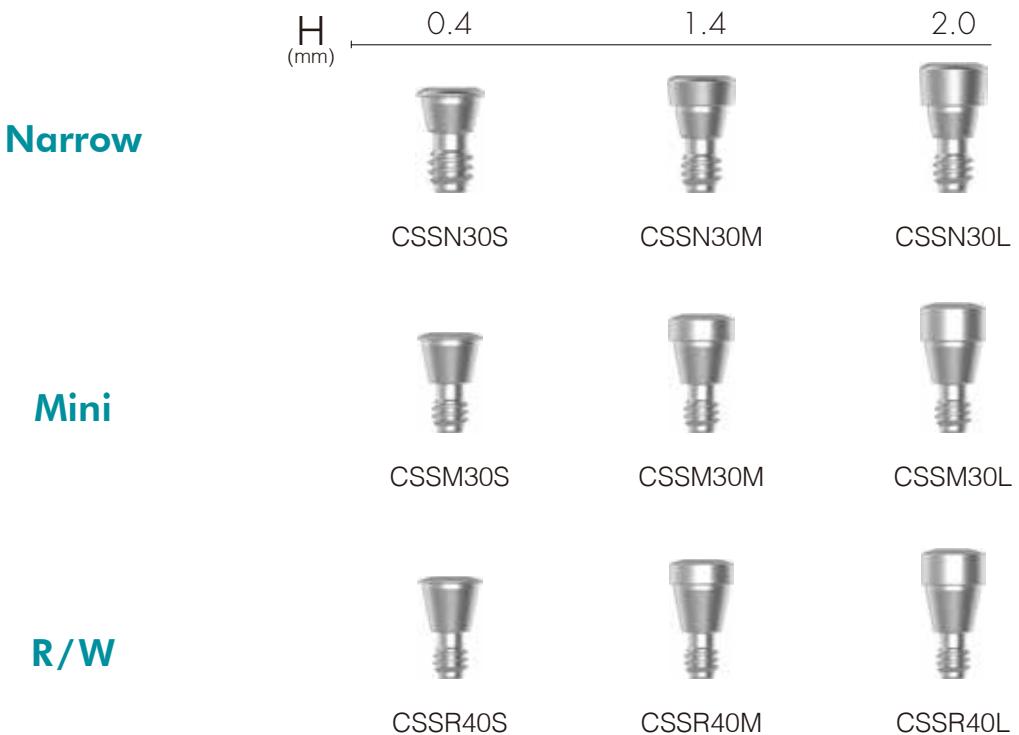


022  
ZENEX  
MULTI

# Cover Screw

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

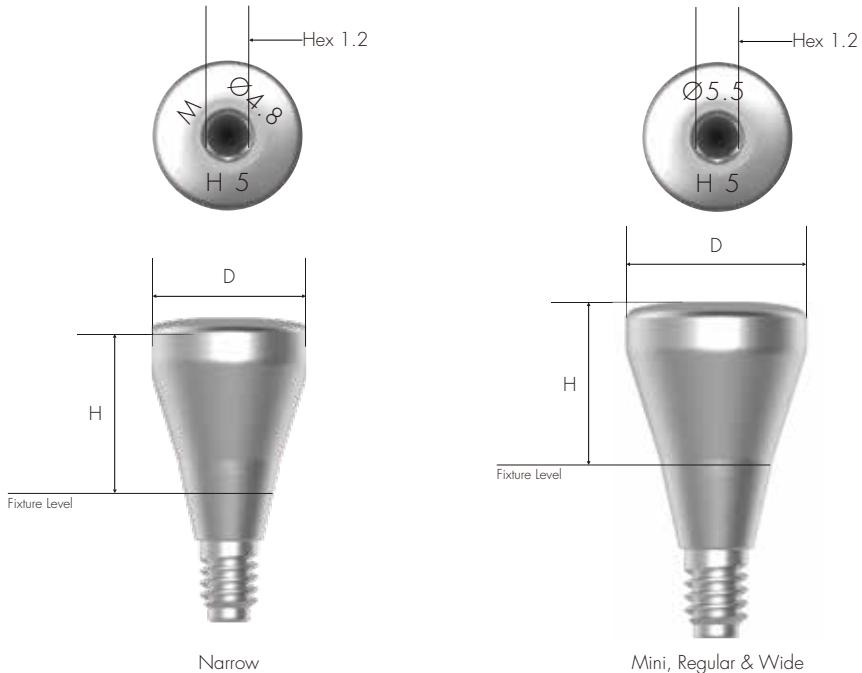
Tighten with 1.2 Hex Driver by hand  
Recommended tightening torque: 5~8Ncm



# 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



## 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

024  
ZENEX  
MULTI

**M/R/W**

H (mm)	2.0	3.0	4.0	5.0
-----------	-----	-----	-----	-----



D (mm)	Ø 4.3	Ø 4.8	Ø 5.5	Ø 6.0	Ø 6.8	Ø 8.0	Ø 9.0
	HASR402	HASR452	HASR522	HASR572	HASR652		
		HASR453	HASR523	HASR573	HASR653	HASR803	HASR903
						HASR454	HASR404
						HASR574	HASR524
						HASR804	HASR525
							HASR575
							HASR655
							HASR805
							HASR905

**M/R/W**

H (mm)	6.0	7.0	9.0
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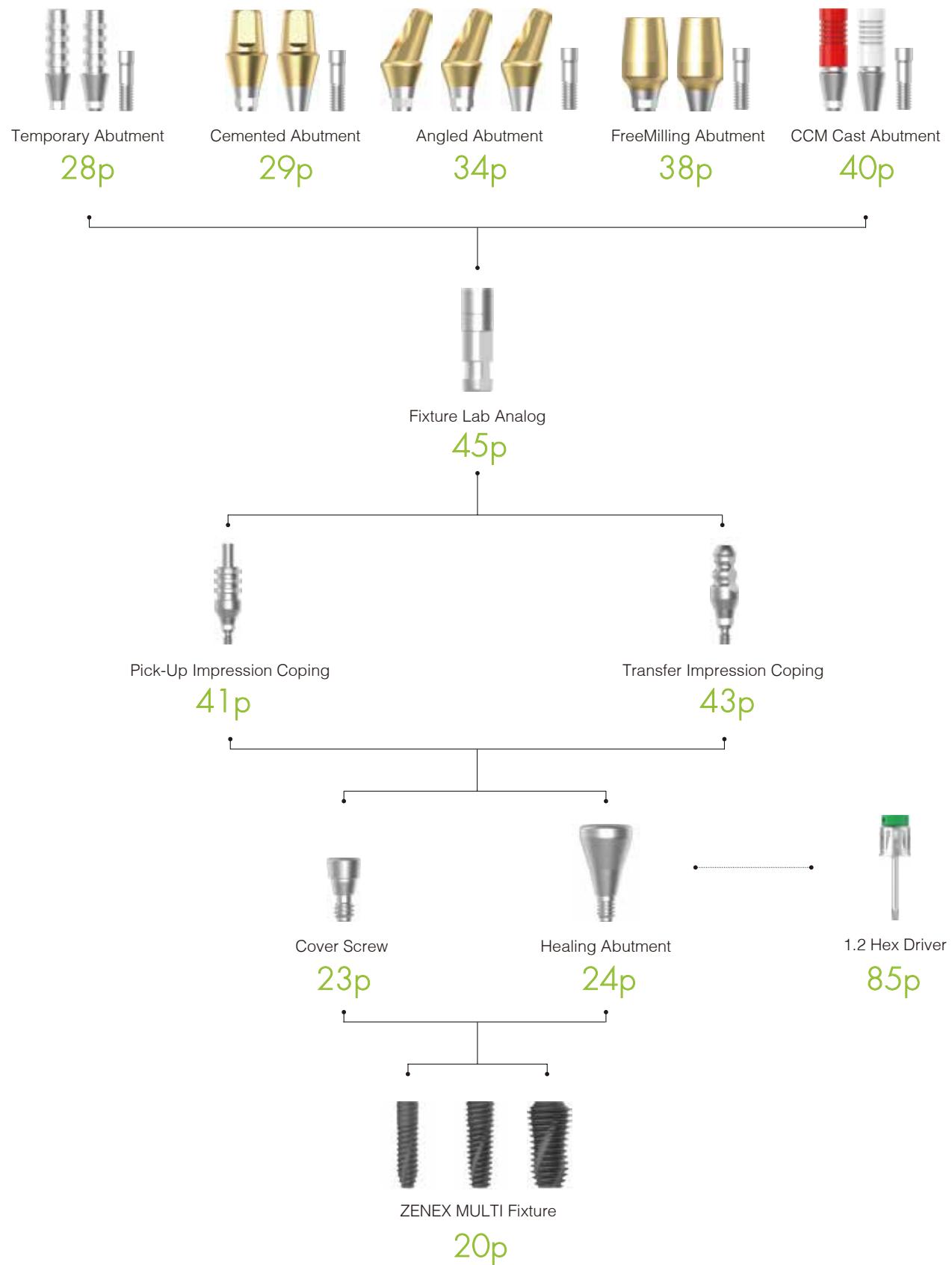
D (mm)	Ø 4.3	Ø 4.8	Ø 5.5	Ø 6.0	Ø 6.8
	HASR406	HASR456	HASR526	HASR576	HASR656
		HASR407	HASR457	HASR527	HASR577
					HASR657
					HASR409
					HASR459
					HASR529
					HASR579
					HASR659

025 ZENEX  
MULTI

026  
ZENEX  
MULTI

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

# Prosthetic Flow Chart I



# Temporary Abutment

Abutment for manufacturing Screw-retained type temporary prosthesis

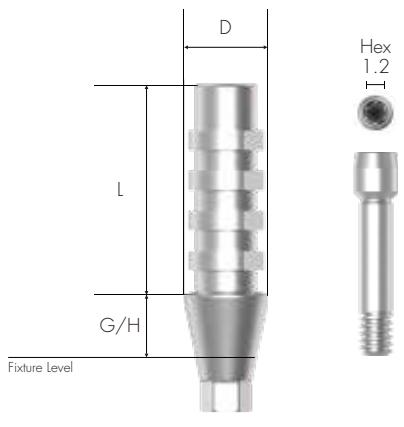
Select specification fits for fixture connection.

Fixture Level Impression

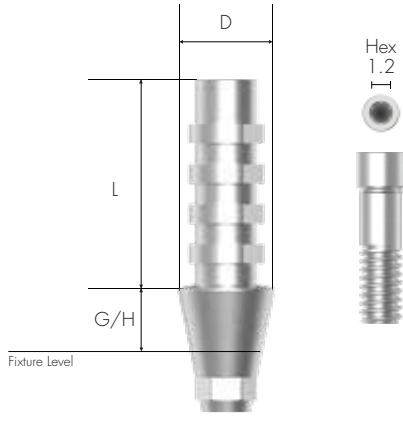
Tighten with 1.2 Hex Driver

Recommended tightening torque: 20Ncm

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



Narrow



Mini, Regular & Wide

**Narrow**  
**DØ4.0**

G/H  
(mm)

1.0

3.0



Hex



Non-Hex



Hex



Non-Hex

TATMH4010

TATMN4010

TATMH4030

TATMN4030

**M/R/W**  
**DØ4.5**

G/H  
(mm)

1.0

3.0



Hex



Non-Hex



Hex



Non-Hex

TASRH4510

TASRN4510

TASRH4530

TASRN4530

028  
ZENEX  
MULTI

# Cemented Abutment

Abutment for manufacturing Cement/Combination-retained type prosthesis

Select specification fits for fixture connection.

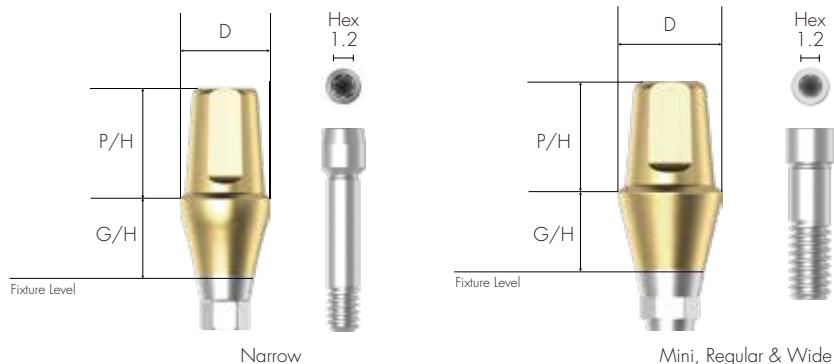
Customized by grinding (need to be maintained at least 3.0mm of Abutment Length above Fixture Platform)

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**  
 $D\varnothing 4.0$

G/H  
(mm)

1.0

2.0

3.0

4.0

Hex

P/H  
(mm)

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**  
 $D\varnothing 4.0$

G/H  
(mm)

5.0

6.0

7.0

Hex

P/H  
(mm)

5.5

CATMH40505

CATMH40605

CATMH40705

7.0

CATMH40507

CATMH40607

CATMH40707

Non-Hex

5.5

CATMN40505

CATMN40605

CATMN40705

7.0

CATMN40507

CATMN40607

CATMN40707

029  
ZENEX  
MULTI

<b>Narrow</b> <b>DØ4.5</b>		G/H (mm)	1.0	2.0	3.0	4.0
Hex	P/H (mm)					
	5.5	CATMH45105		CATMH45205	CATMH45305	CATMH45405
Non-Hex	7.0	CATMH45107		CATMH45207	CATMH45307	CATMH45407
	5.5	CATMN45105		CATMN45205	CATMN45305	CATMN45405
	7.0	CATMN45107		CATMN45207	CATMN45307	CATMN45407

<b>Narrow</b> <b>DØ4.5</b>		G/H (mm)	5.0	6.0	7.0
Hex	P/H (mm)				
	5.5	CATMH45505		CATMH45605	CATMH45705
Non-Hex	7.0	CATMH45507		CATMH45607	CATMH45707
	5.5	CATMN45505		CATMN45605	CATMN45705
	7.0	CATMN45507		CATMN45607	CATMN45707

<b>M/R/W</b> <b>DØ4.5</b>		G/H (mm)	1.0	2.0	3.0	4.0
Hex	P/H (mm)					
	4.0	CASRH45104		CASRH45204	CASRH45304	CASRH45404
Non-Hex	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

<b>M/R/W</b> <b>DØ4.5</b>		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	

<b>M/R/W</b> <b>DØ5.2</b>		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	

<b>M/R/W</b> <b>DØ5.2</b>		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	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

033  
ZENEX  
MULTI

# 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.

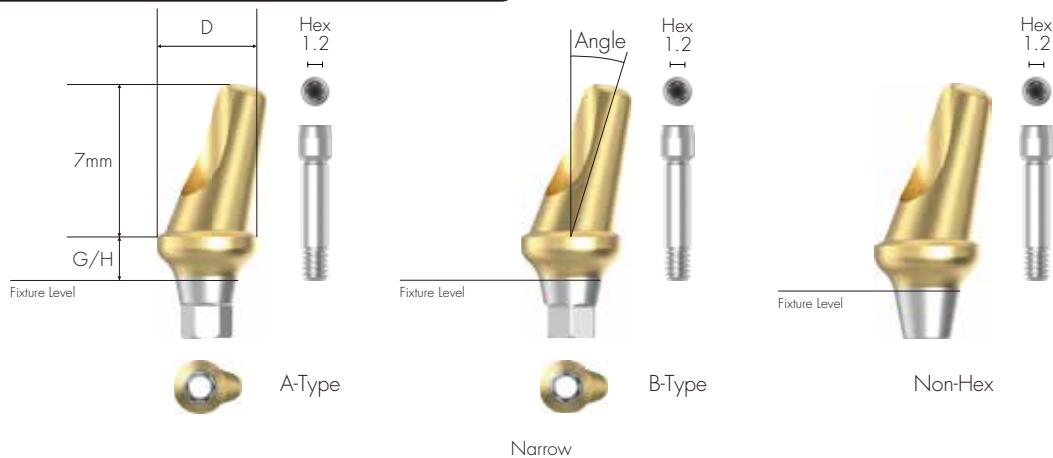
Fixture Level Impression

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)



034  
ZENEX  
MULTI

<b>Narrow</b>	$G/H$ (mm)	2.0	4.0
$D\varnothing 4.0$	Angle	17°	



A-Type                                    AATMA40172                            AATMA40174

B-Type                                    AATMB40172                            AATMB40174

Non-Hex                                AATMN40172                            AATMN40174

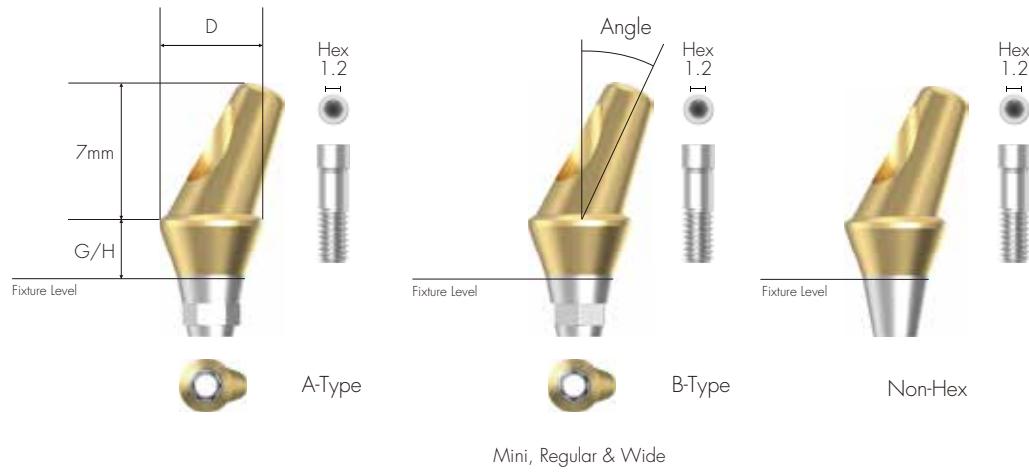
<b>Narrow</b>	$G/H$ (mm)	2.0	4.0
$D\varnothing 4.5$	Angle	17°	



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

035  
ZENEX  
MULTI

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
---------	------------	------------	------------

<b>M/R/W</b> <b>DØ5.7</b>	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

037  
ZENEX  
MULTI

# 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)

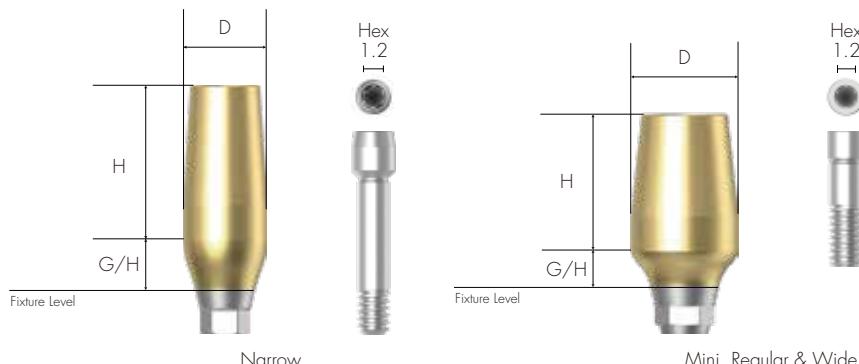
Fixture Level Impression

Tighten with 1.2 Hex Driver

Recommended tightening torque: 30Ncm

When using a Narrow Fixture ( $\varnothing$  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

D $\varnothing$ 4.0  
H: 9.0mm

G/H  
(mm) 1.5

3.0



FMATMH40159 FMATMN40159 FMATMH40309 FMATMN40309

## M/R/W

D $\varnothing$ 4.5  
H: 9.0mm

G/H  
(mm) 2.0

4.0



FMASRH45209 FMASRN45209 FMASRH45409 FMASRN45409

**M/R/W**  
**DØ5.2**  
**H: 8.0mm**

G/H (mm)	2.0	4.0		
	Hex	Non-Hex	Hex	Non-Hex
	FMASRH52208	FMASRN52208	FMASRH52408	FMASRN52408

**M/R/W**  
**DØ5.7**  
**H: 8.0mm**

G/H (mm)	2.0	4.0		
	Hex	Non-Hex	Hex	Non-Hex
	FMASRH57208	FMASRN57208	FMASRH57408	FMASRN57408

**M/R/W**  
**DØ6.5**  
**H: 8.0mm**

G/H (mm)	2.0	4.0		
	Hex	Non-Hex	Hex	Non-Hex
	FMASRH65208	FMASRN65208	FMASRH65408	FMASRN65408

# CCM Cast Abutment

Abutment for manufacturing customized abutment in difficult and complicated cases

Select specification fits for fixture connection

Fixture Level Impression

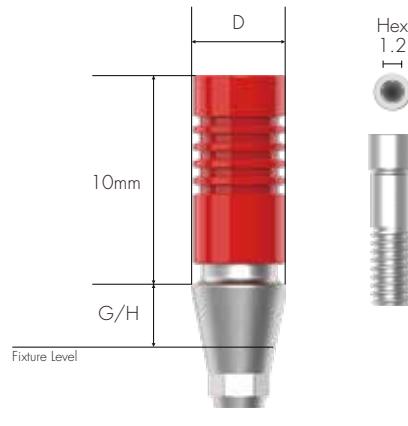
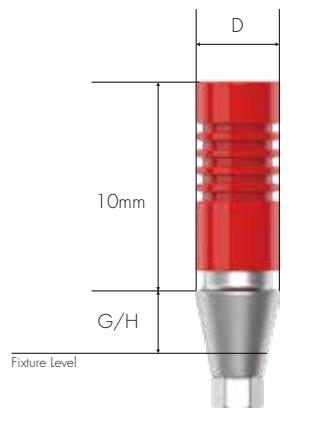
Casting with non-precious alloy for manufacturing customized prosthesis

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)



**Narrow**  
**DØ4.0**

G/H  
(mm) 1.0

3.0



Hex

CCATMH4010



Non-Hex

CCATMN4010



Hex

CCATMH4030



Non-Hex

CCATMN4030

**M/R/W**  
**DØ4.5**

G/H  
(mm) 1.0

3.0



Hex

CCASRH4510



Non-Hex

CCASRN4510



Hex

CCASRH4530



Non-Hex

CCASRN4530

040  
ZENEX  
MULTI

# Pick-Up Impression Coping

Components for Fixture Level Impression

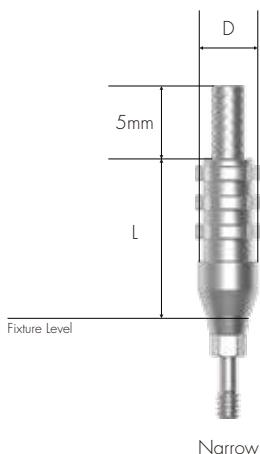
Open Tray Type

Select specification fits for fixture connection

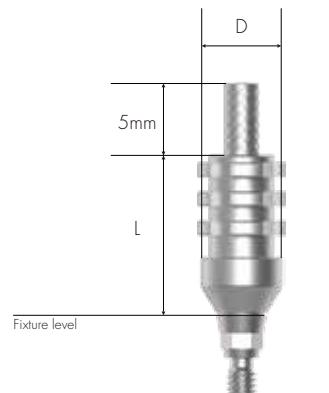
Enables accurate impression with design of stably fixed in impression material

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: PISRH40SS)  
[For 15mm Length] Product Code + S (ex: PISRH40LS)



Narrow



Mini, Regular & Wide

M/R/W	D (mm)	11.0		Guide Pin S
		Hex	Non-Hex	
Narrow	Ø4.0	PITMH40S	PITMN40S	PIGPTMS
	Ø4.5	PITMH45S	PITMN45S	
M/R/W	Ø4.0	PISRH40S	PISRN40S	PIGPSRS
	Ø4.8	PISRH45S	PISRN45S	
	Ø5.5	PISRH52S	PISRN52S	
	Ø6.0	PISRH57S	PISRN57S	
	Ø6.8	PISRH65S	PISRN65S	

041  
ZENEX  
MULTI

	$L$ (mm)	15.0		Guide Pin $L$
	Hex	Non-Hex		
				
	$D$ (mm)			
<b>Narrow</b>	$\varnothing 4.0$	PITMH40L	PITMN40L	
	$\varnothing 4.5$	PITMH45L	PITMN45L	PIGPTML
	$\varnothing 4.0$	PISRH40L	PISRN40L	
	$\varnothing 4.8$	PISRH45L	PISRN45L	
<b>M/R/W</b>	$\varnothing 5.5$	PISRH52L	PISRN52L	
	$\varnothing 6.0$	PISRH57L	PISRN57L	PIGPSRL
	$\varnothing 6.8$	PISRH65L	PISRN65L	

042  
ZENEX  
MULTI

# Transfer Impression Coping

Components for Fixture Level Impression

Closed Tray Type

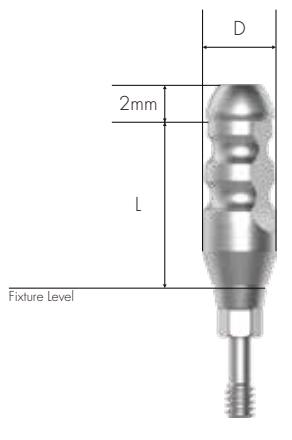
Select specification fits for fixture connection

Streamlined Shape: Easy to transfer

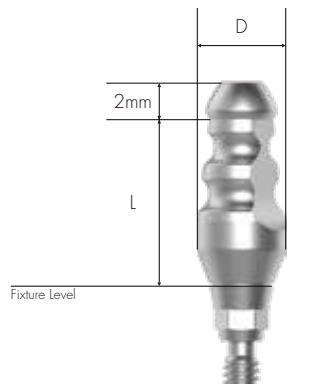
Anti-Rotation Grooves accord with Hex of fixture

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: TISRH40SS)  
[For 13mm Length] Product Code + S (ex: TISRH40LS)



Narrow



Mini, Regular & Wide



Guide Pin  
S

Narrow	D (mm)	TITMH40S	TITMN40S	TIGPTMS
	Ø4.0	Ø4.5	TITMH45S	
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		
<b>Narrow</b>	D (mm)			
	Ø4.0	TITMH40L	TITMN40L	
	Ø4.5	TITMH45L	TITMN45L	TIGPTML
	Ø4.0	TISRH40L	TISRN40L	
	Ø4.8	TISRH45L	TISRN45L	
<b>M/R/W</b>	Ø5.5	TISRH52L	TISRN52L	TIGPSRL
	Ø6.0	TISRH57L	TISRN57L	
	Ø6.8	TISRH65L	TISRN65L	

044  
ZENEX  
MULTI

# 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**  
 $D\varnothing 4.25$



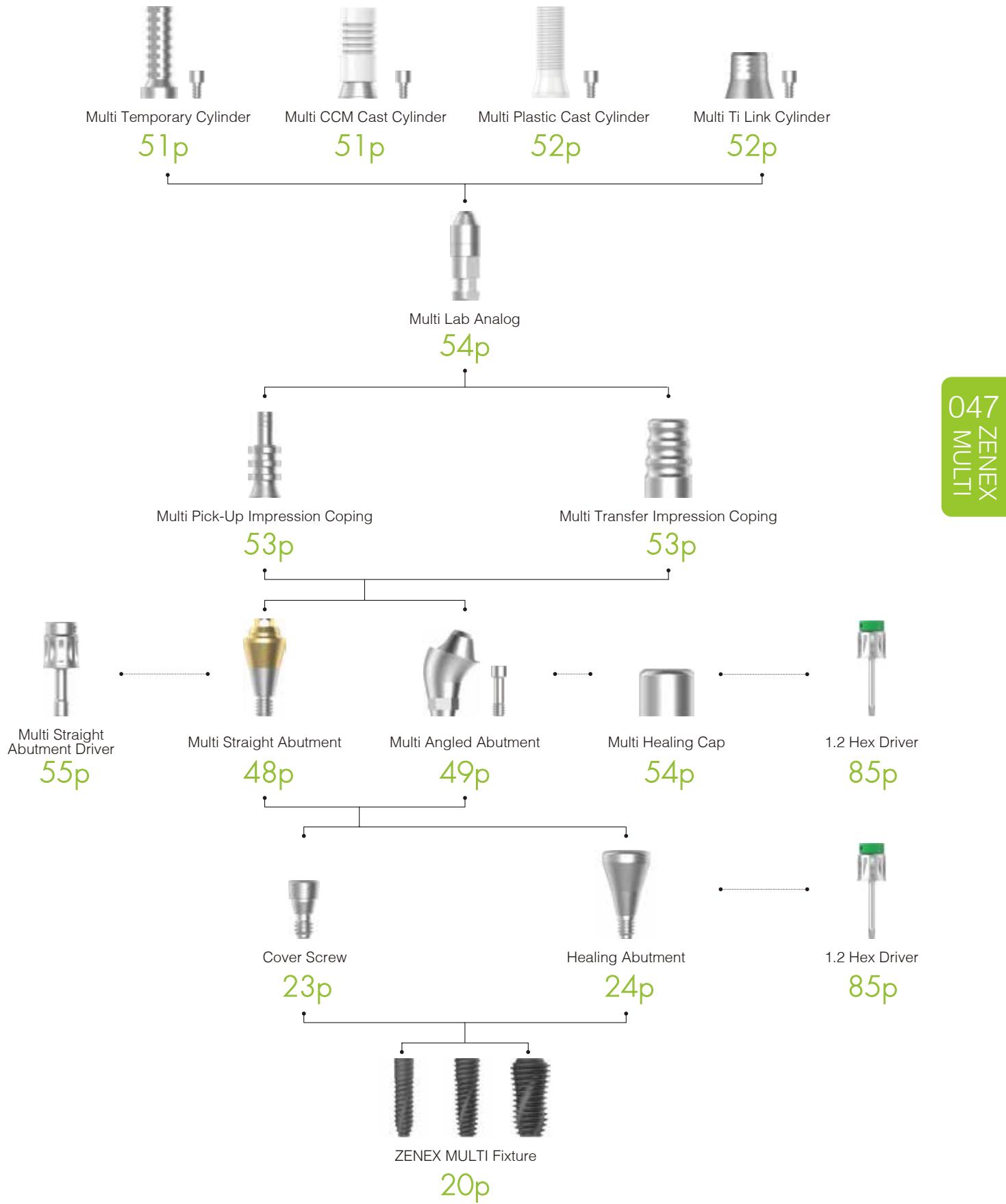
FLASR400

045  
ZENEX  
MULTI

046 ZENEX  
MULTI

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

# Prosthetic Flow Chart II



# 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)



048  
ZENEX  
MULTI

**Narrow**  
 $D\varnothing 4.8$

G/H  
(mm)

1.0

2.0

3.0

4.0

5.0



MSATM4810

MSATM4820

MSATM4830

MSATM4840

MSATM4850

**M/R/W**  
 $D\varnothing 4.8$

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 ( $17^\circ$ ,  $30^\circ$ ) for various angled of implant insertion path  
Same platform as Multi Straight Abutment  
Compensation of fixture placement angle up to  $108^\circ$   
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)



**Narrow**  
 $D\varnothing 4.8$

G/H  
(mm)

2.5

3.0

4.0

Angle  
 $17^\circ$



MAATMH481725 MAATMH481730 MAATMH481740

**Narrow**  
 $D\varnothing 4.8$

G/H  
(mm)

3.5

4.0

5.0

Angle  
 $30^\circ$



MAATMH483035 MAATMH483040 MAATMH483050

049  
ZENEX  
MULTI

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

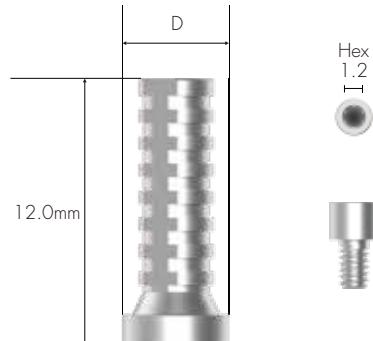
050  
ZENEX  
MULTI

# 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: MTCSR48S)



DØ4.8

MTCSR48

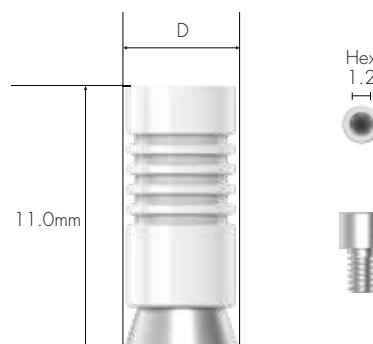
051  
ZENEX  
MULTI

# 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: MCCCCSRN48S)



DØ4.8

MCCCCRN48

# Multi Plastic Cast Cylinder

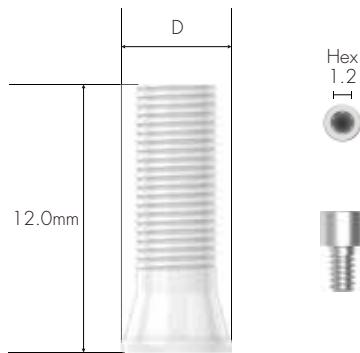
Multi Cylinder for making Screw-retained prosthesis from Multi Abutment

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

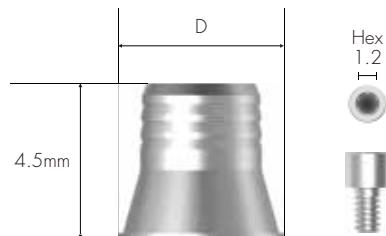
Abutment Level Impression

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

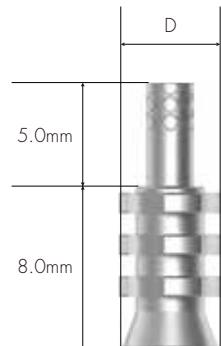
# Multi Pick-Up Impression Coping

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

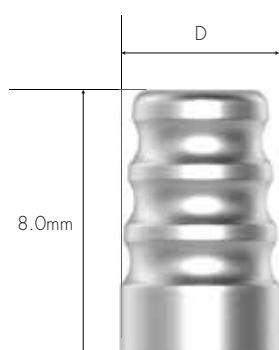
MPICSR48

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



DØ4.8

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

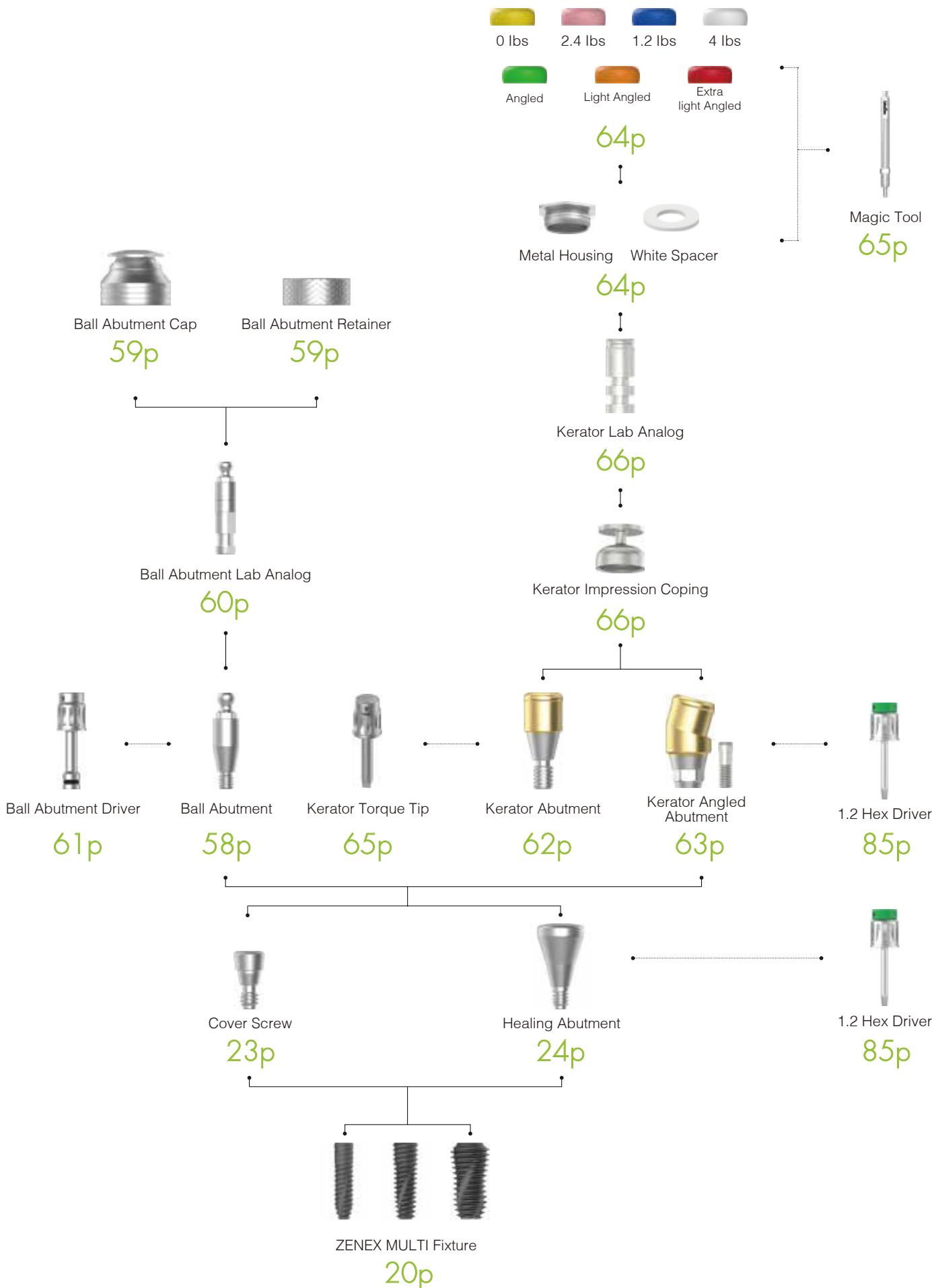


MSADSR20

056 ZENEX  
MULTI

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

# Prosthetic Flow Chart III

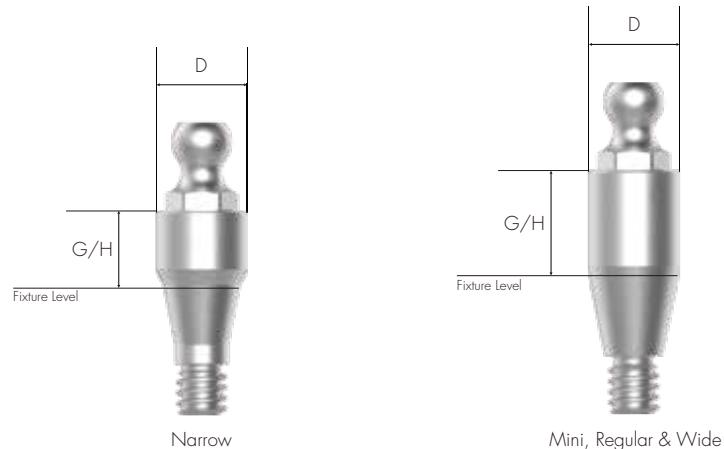


057  
ZENEX  
MULTI

# 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
-------------	-----	-----	-----	-----	-----	-----

**Narrow**  
 $D\varnothing 3.5$



BATM3510 BATM3520 BATM3530 BATM3540 BATM3550 BATM3560

G/H (mm)	1.0	2.0	3.0	4.0	5.0	6.0
-------------	-----	-----	-----	-----	-----	-----

**M/R/W**  
 $D\varnothing 3.5$



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

059  
ZENEX  
MULTI

# **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  
MULTI

# **Ball Abutment Lab Analog**

Lab Analog for Ball Abutment



BAALA

# Ball Abutment Driver

Torque driver for Ball Abutment



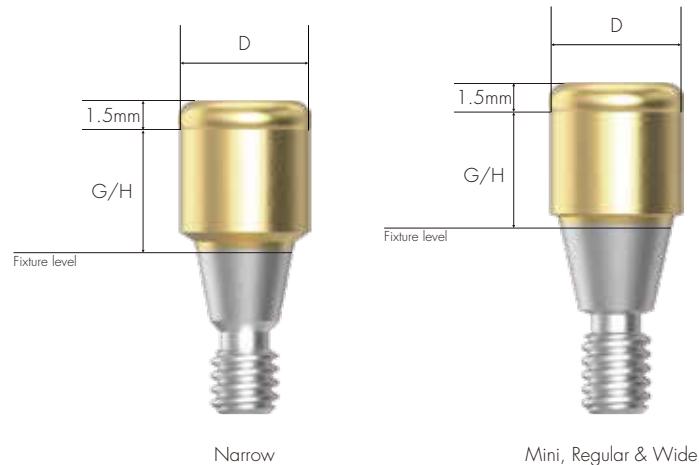
BAD24

061  
ZENEX  
MULTI

# 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

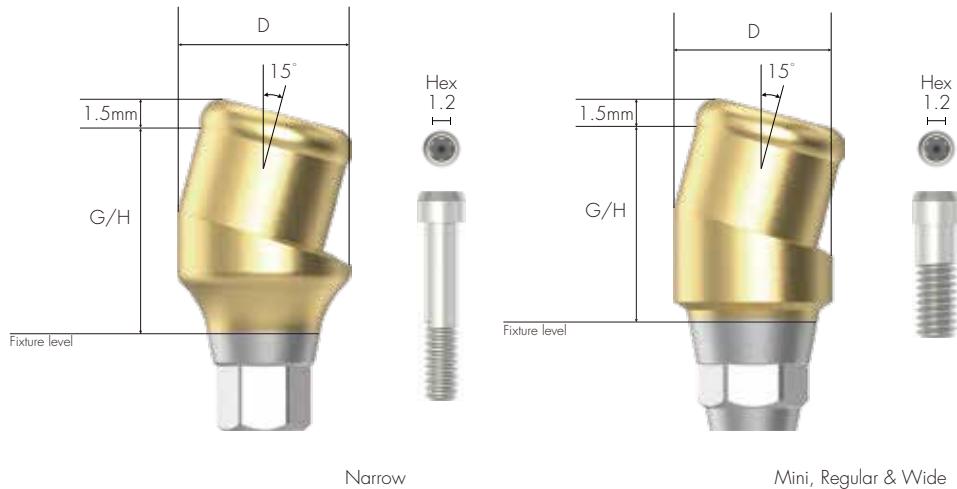
**M/R/W**  
DØ3.7

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**  
 $D\varnothing 3.7$

G/H (mm) 1.5 3.0



**M/R/W**  
 $D\varnothing 3.7$

G/H (mm) 1.5 3.0



063  
ZENEX  
MULTI

# 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

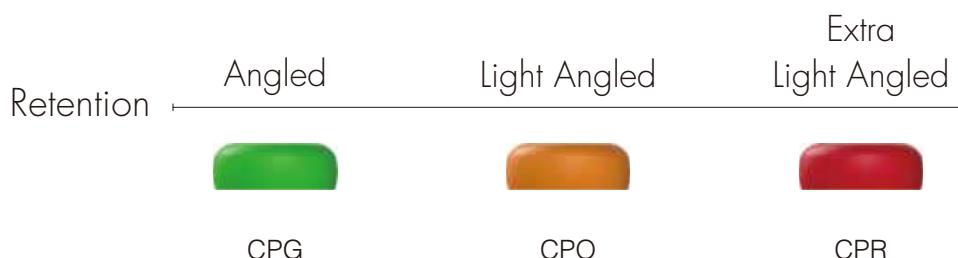


CDPH SET

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  
MULTI

# Kerator Lab Analog

Lab Analog for Kerator Abutment



DKA3854

067 ZENEX  
MULTI

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

# Prosthetic Flow Chart IV

068  
ZENEX  
MULTI



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

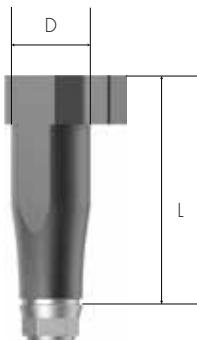
20p

# 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**  
 $D\varnothing 4.0$

L : 14mm



TSBM4014



**Mini**  
 $D\varnothing 4.0$

L : 14mm



ISBM4014



**R/W**  
 $D\varnothing 4.3$

L : 10mm



ISBR4310



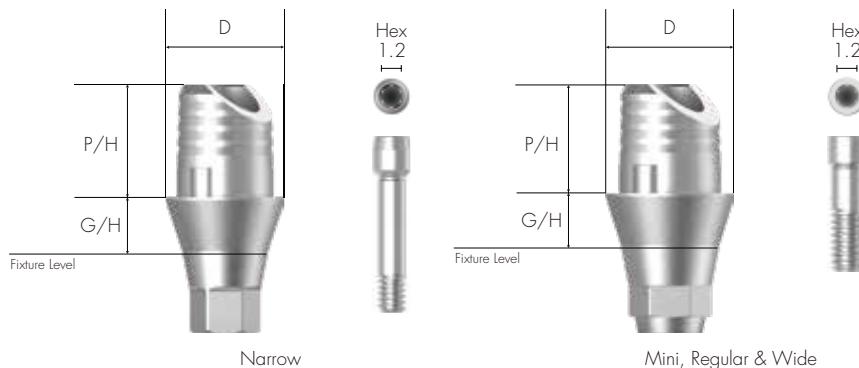
069  
ZENEX  
MULTI

# 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	
TLATMH4010	TLATMN4010	TLATMH4020	TLATMN4020

**M/R/W**  
**DØ4.5**

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

# Ti Blank Abutment

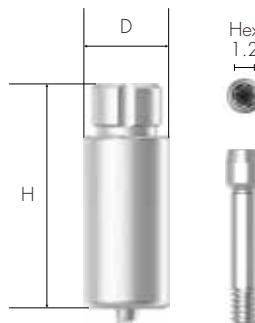
Manufacturing customized abutment with milling machine  
Select specification fits for fixture Connection  
Digital Impression

Tighten with 1.2 Hex Driver

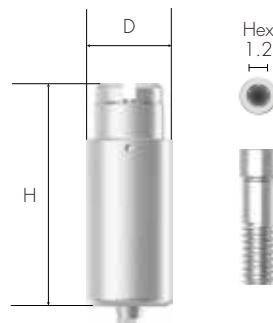
Recommended tightening torque: 30Ncm

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)



Narrow



Mini, Regular & Wide

## For Arum

### Narrow

DØ10

H  
(mm) 20.0



Hex



Non-Hex

TBATMH10A

TBATMN10A

M/R/W  
DØ10

H  
(mm) 20.0



Hex



Non-Hex

TBASRH10A

TBASRN10A

071 ZENEX  
MULTI

**For Manix**

**Narrow**

**DØ10**



**M/R/W**

**DØ10**



072  
ZENEX  
MULTI