ZENEX PLUS I-System

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IZEN IMPLANT

Izenimplant Co.,Ltd.

IZ-CAT-05 Rev.00 (08/20)

HQ & Factory
1, 2Dong, 26-32, Suworam 4-gil, Seotan-myeon, Pyeongtaek-si, Gyeonggi-do,
17703, Republic of Korea

Sales Office
#1013, #1014 Central-Tower II, 158, Magokseo-ro, Gangseo-gu, Seoul,
07788, Republic of Korea
Tel. +82-31-662-0657 (HQ)
+82-2-3664-3666 (Sales)
Fax. +82-31-662-0658

IZEN

www.izenimplant.com

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Izenimplant Co.,Ltd.

ZENEX IMPLANT 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)

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

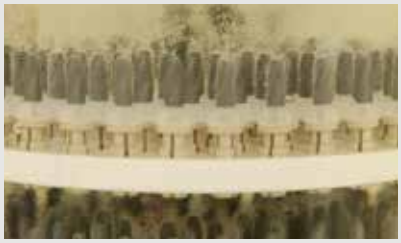
In order to product Fixture and Abutment of ZENEX MULTI & ZENEX PLUS Implant System, the raw materials are manufactured by CNC Machine.

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.

Stability Test

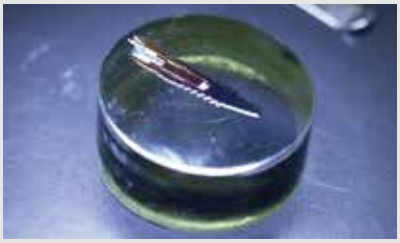
Our products are tested by fixation force and screw loosening for providing a stable products.

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 PLUS I-System Contents

Kit Contents

IZEN
IMPLANT

ZENEX PLUS
I-System

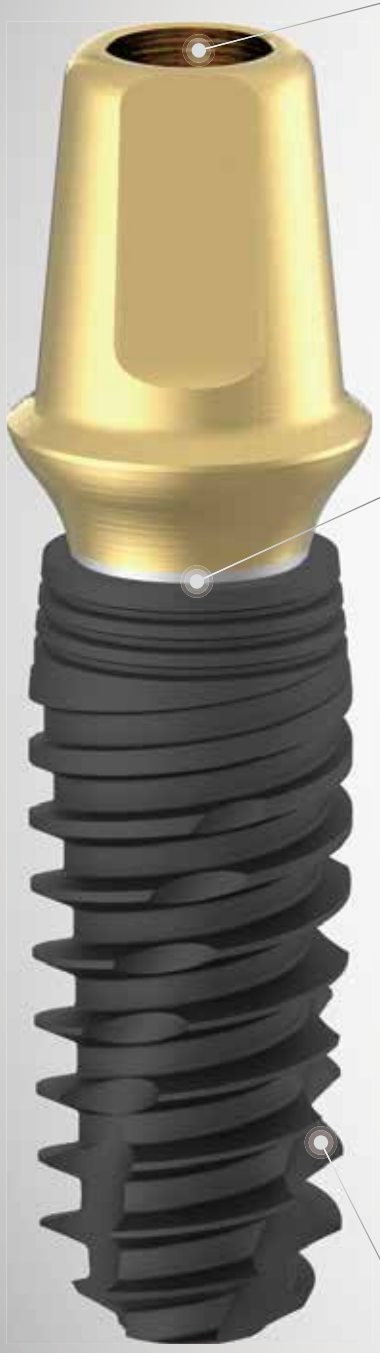
ZENEX PLUS I-System

COMPOSITION

ZENEX PLUS 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

I system

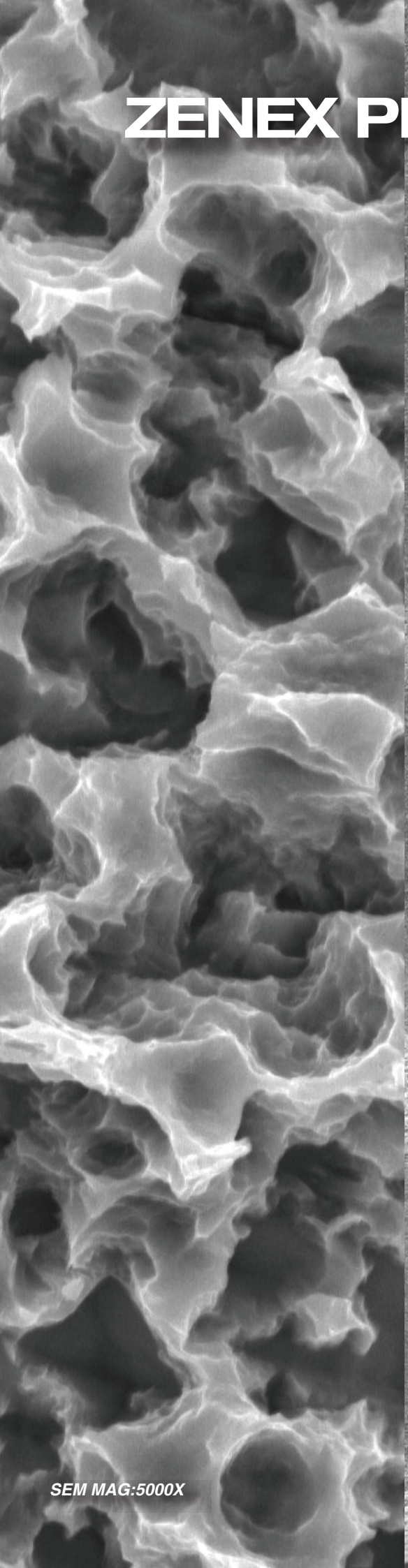
11° tapered double contact connection design to prevent screw loosening
Small connection enables to use on narrow width bone

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

Two conical contact point
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:5000X

SEM MAG:30X

SLA surface
($Al_2 O_3$ powder Sand-blast and Acid Etched)

- SLA surface for presenting ideal surface shape
- Surface Roughness Ra 2.0~3.0 ㎛
- Safe surface with no residual acid
- Safer than other implants
  (Proved by ICP/IC Analysis)

ZENEX PLUS Fixture I - System

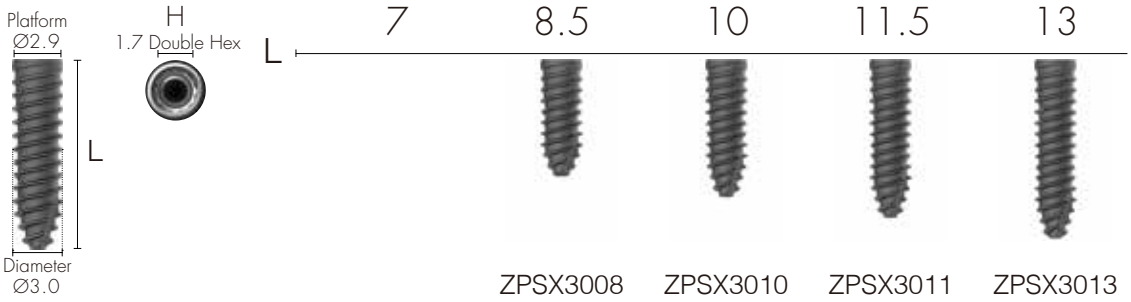
Reversed taper design on upper part to minimize stress on bone when an implant is placed.
SLA surface implant
Micro Groove design to minimize bone loss and appreciate esthetic of prosthesis
Deep screw hole to secure initial stability on weak bone
Recommended torque for implant placement: Less than 40Ncm

For X-Narrow Fixture (Ø 3.0)
- Easy angle compensation for anterior part and use for narrow width bone
- 1.7 Double Hex

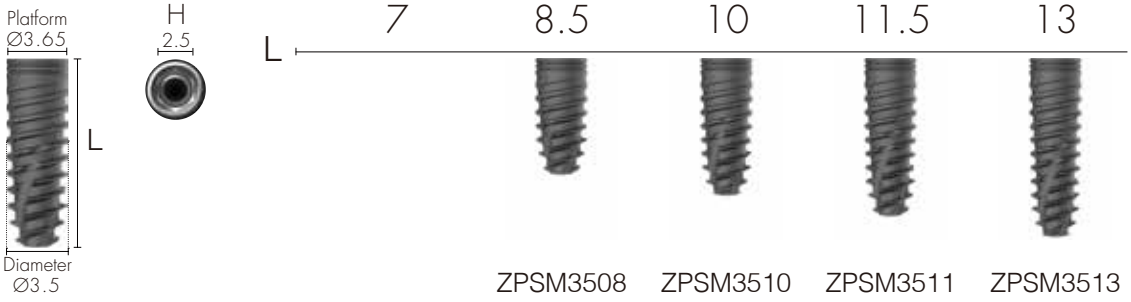
* Recommend to use fixture bigger than Ø4.5 mm for single case in posterior area
* Incompatible to use other brands' prosthetic products for Short Fixture (less than 7mm length) in case of I-System

Cover Screw not included in the Fixture package.

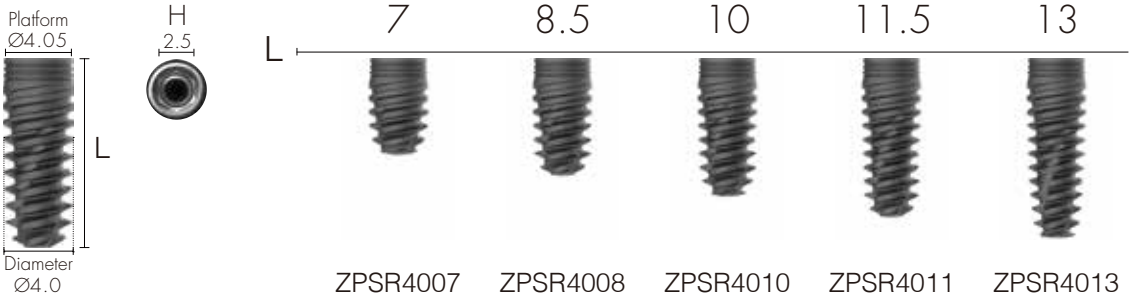
X-Narrow Ø3.0 (mm)



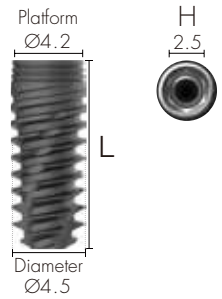
Mini Ø3.5 (mm)

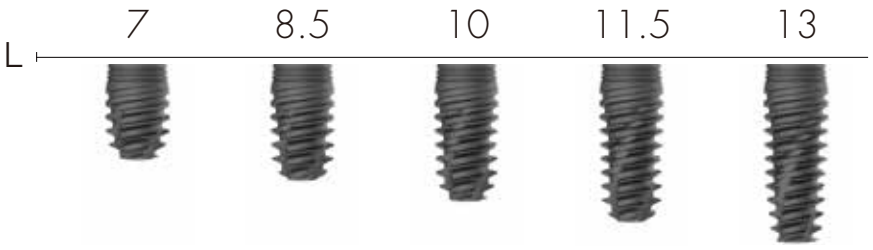


R Ø4.0 (mm)



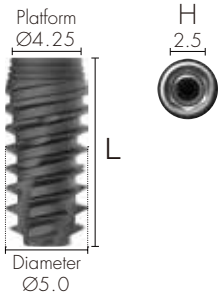
R
Ø4.5
(mm)

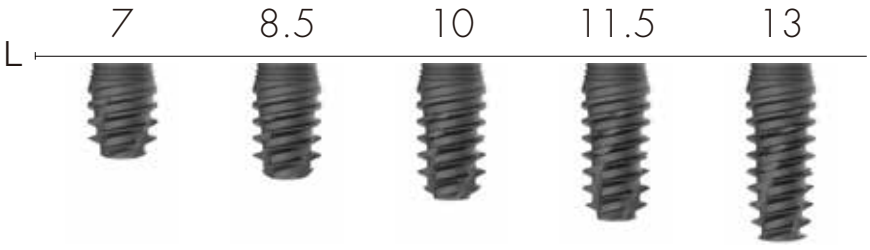




ZPSR4507 ZPSR4508 ZPSR4510 ZPSR4511 ZPSR4513

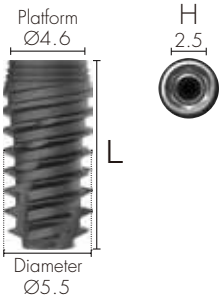
W
Ø5.0
(mm)

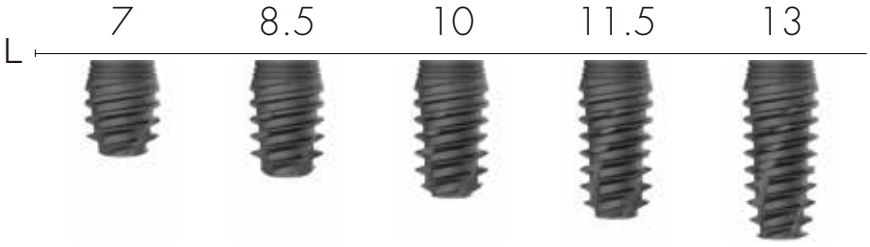




ZPSW5007 ZPSW5008 ZPSW5010 ZPSW5011 ZPSW5013

W
Ø5.5
(mm)

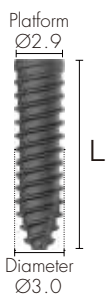


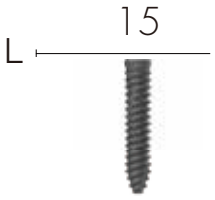


ZPSW5507 ZPSW5508 ZPSW5510 ZPSW5511 ZPSW5513

Special Options

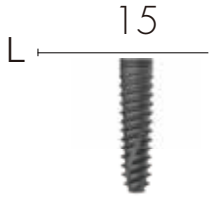
X-Narrow
Ø3.0
(mm)





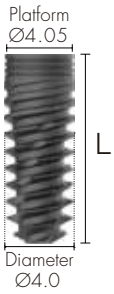
ZPSX3015

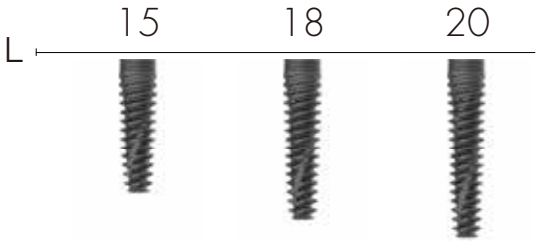
M
Ø3.5
(mm)



ZPSM3515

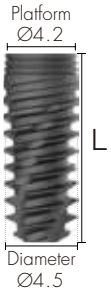
R
Ø4.0
(mm)

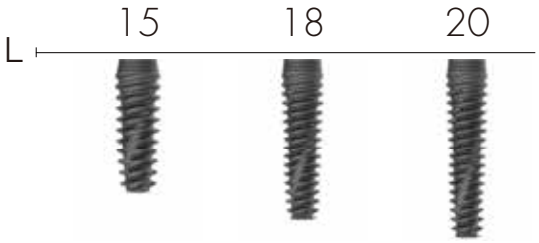




ZPSR4015 ZPSR4018 ZPSR4020

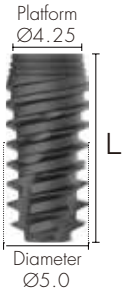
R
Ø4.5
(mm)

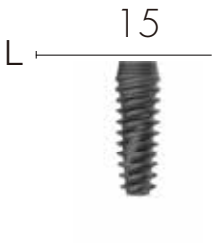




ZPSR4515 ZPSR4518 ZPSR4520

W
Ø5.0
(mm)





ZPSW5015

W
Ø5.5
(mm)

ZPSW5515

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

X-Narrow

CSSX26

Mini

CSSM30S

CSSM30M

CSSM30L

R/W

CSSR40S

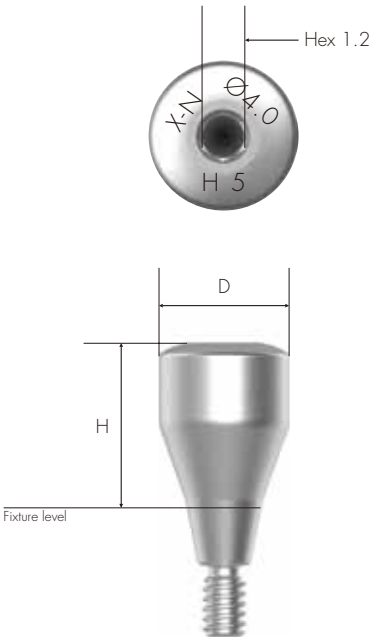
CSSR40M

CSSR40L

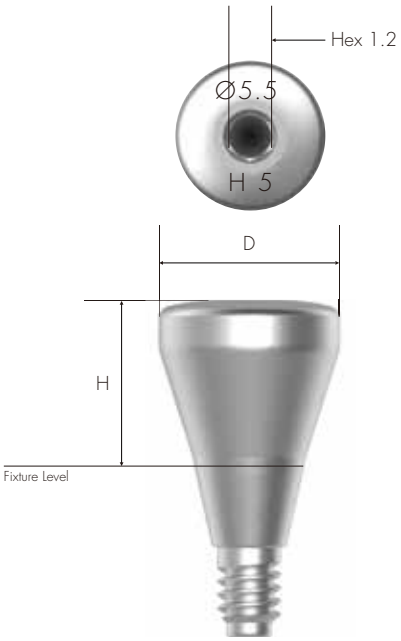
Healing Abutment

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
When using a X-Narrow Fixture (Ø 3.0), use exclusive Healing Abutment for X-Narrow Fixture.



X-Narrow



Mini, Regular & Wide

X-Narrow

H (mm)	3.0	4.0	5.0
D (mm) Ø4.0	HASX403	HASX404	HASX405

X-Narrow

H (mm)	6.0	7.0	9.0
D (mm) Ø4.0	HASX406	HASX407	HASX409

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

Temporary Abutment

26p

Cemented Abutment

27p

Angled Abutment

31p

FreeMilling Abutment

35p

CCM Cast Abutment

37p

Fixture Lab Analog

42p

Pick-Up Impression Coping

38p

Transfer Impression Coping

40p

Cover Screw

21p

Healing Abutment

22p

1.2 Hex Driver

81p

ZENEX PLUS Fixture

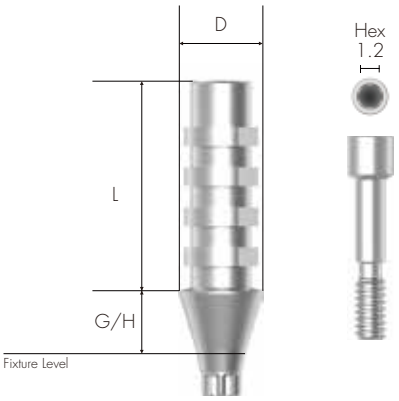
18p

Temporary Abutment

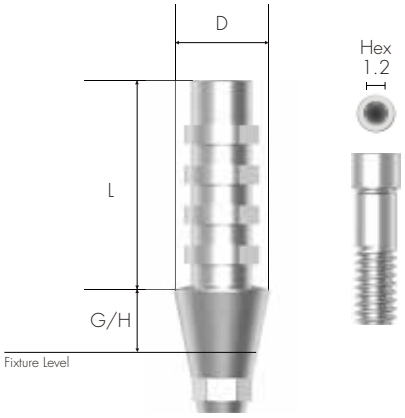
Abutment for manufacturing Screw-retained type temporary prosthesis
Select specification fits for fixture connection.
Fixture Level Impression

Tighten with 1.2 Hex Driver
Recommended tightening torque: 20Ncm
When using a X-Narrow Fixture (Ø 3.0), use exclusive Temporary Abutment for X-Narrow Fixture.

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



X-Narrow



Mini, Regular & Wide

X-Narrow
DØ4.0

G/H (mm)	1.0		3.0	
				
	Double-Hex	Non-Hex	Double-Hex	Non-Hex
	TASXH4010	TASXN4010	TASXH4030	TASXN4030

M/R/W
DØ4.5

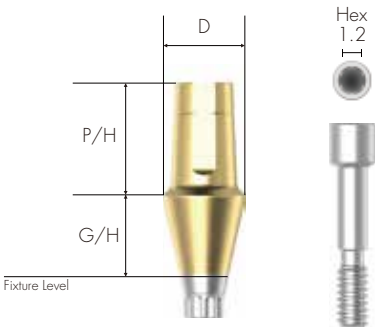
G/H (mm)	1.0		3.0	
				
	Hex	Non-Hex	Hex	Non-Hex
	TASRH4510	TASRN4510	TASRH4530	TASRN4530

Cemented Abutment

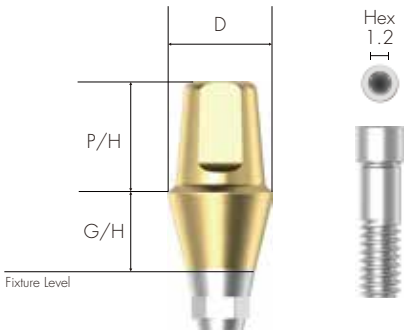
Abutment for manufacturing Cement/Combination-retained type prosthesis
Select specification fits for fixture connection.
Customized by grinding (At least 3.0mm of Abutment Length above Fixture Platform needs to be maintained)
Fixture Level Impression

Tighten with 1.2 Hex Driver
Recommended tightening torque: 20Ncm for X-Narrow / 30Ncm for Mini, Regular & Wide
When using a X-Narrow Fixture (Ø 3.0), use exclusive Cemented Abutment for X-Narrow Fixture.

To order as a set as 'Abutment + Abutment Screw'
: Product Code + S (ex: CASRH45104S)



X-Narrow



Mini, Regular & Wide

X-Narrow DØ4.0

	G/H (mm)	2.0	3.0	4.0	5.0
					
Double-Hex	P/H (mm) 5.5	CASXD40205	CASXD40305	CASXD40405	CASXD40505
	7.0	CASXD40207	CASXD40307	CASXD40407	CASXD40507
Non-Hex	5.5	CASXN40205	CASXN40305	CASXN40405	CASXN40505
	7.0	CASXN40207	CASXN40307	CASXN40407	CASXN40507

M/R/W DØ4.5

	G/H (mm)	1.0	2.0	3.0	4.0
					
Hex	P/H (mm) 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

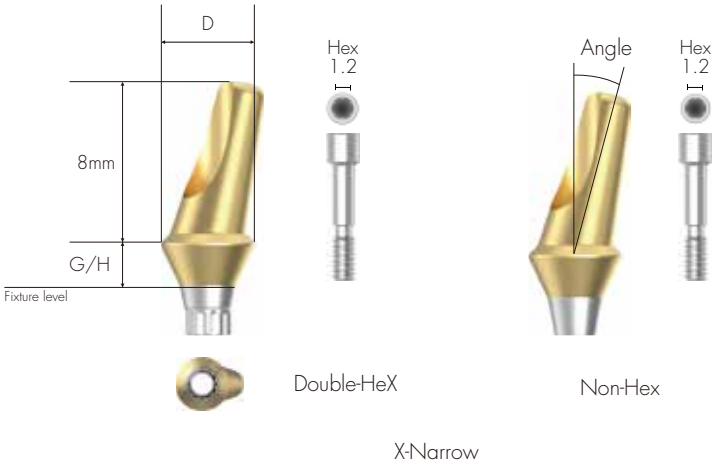
	G/H (mm)	5.0	6.0	7.0
				
	P/H (mm)			
Hex	4.0	CASRH65504	CASRH65604	CASRH65704
	5.5	CASRH65505	CASRH65605	CASRH65705
Non-Hex	4.0	CASRN65504	CASRN65604	CASRN65704
	5.5	CASRN65505	CASRN65605	CASRN65705

Angled Abutment

Abutment for manufacturing Cement/Combination-retained type prosthesis
Various types of Angle (15° for Ø 3.0 X-Narrow Fixture / 15° & 25° for Mini, Regular and Wide Fixture [Ø 3.5 ~ Ø 5.5])
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: 20Ncm for X-Narrow / 30Ncm for Mini, Regular & Wide
When using a X-Narrow Fixture (Ø 3.0), use exclusive Angled Abutment for X-Narrow Fixture.

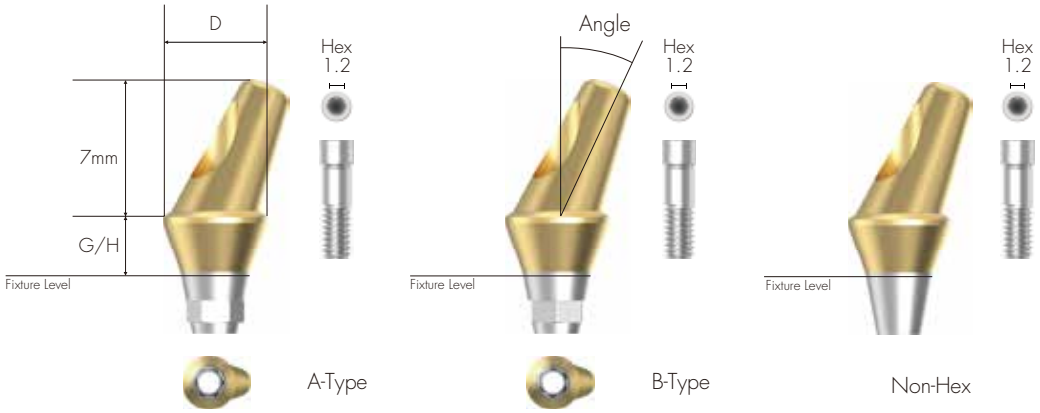
To oRder as a set as 'Abutment + Abutment Screw'
: Product Code + S (ex: AASRA45152S)



X-Narrow
DØ4.0

G/H (mm)	2.0	4.0
Angle	15°	

Double-Hex	AASXD40152	AASXD40154
Non-Hex	AASXN40152	AASXN40154



Mini, Regular & Wide

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

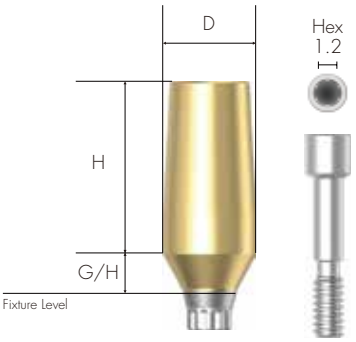
G/H (mm)	2.0	3.0	4.0
Angle		25°	
			
A-Type	AASRA57252	AASRA57253	AASRA57254
B-Type	AASRB57252	AASRB57253	AASRB57254
Non-Hex	AASRN57252	AASRN57253	AASRN57254

FreeMilling Abutment

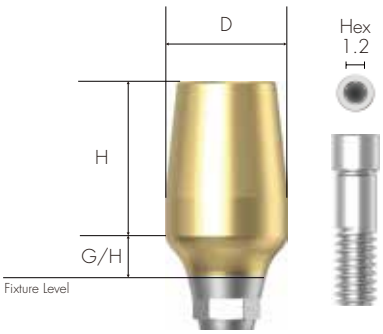
Abutment for manufacturing Cement/Combination-retained type prosthesis
Used when creating free marginal space for Abutment
Select specification fits for fixture Connection
Customized by grinding (At least 3.0mm of Abutment Length above Fixture Platform needs to be maintained)
Fixture Level Impression

Tighten with 1.2 Hex Driver
Recommended tightening torque: 20Ncm for X-Narrow / 30Ncm for Mini, Regular & Wide
When using a X-Narrow Fixture (Ø 3.0), use exclusive FreeMilling Abutment for X-Narrow Fixture.

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



X-Narrow



Mini, Regular & Wide

X-Narrow

DØ4.0
H: 9.0mm

G/H (mm)	2.0		4.0	
				
	Double-Hex	Non-Hex	Double-Hex	Non-Hex
	FMASXD40209	FMASXN40209	FMASXD40409	FMASXN40409

M/R/W

DØ4.5
H: 9.0mm

G/H (mm)	2.0		4.0	
				
	Hex	Non-Hex	Hex	Non-Hex
	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

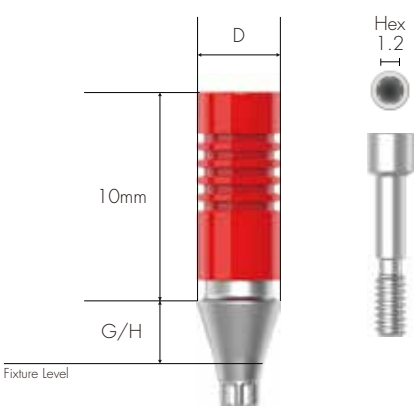
G/H (mm)	2.0		4.0	
				
	Hex	Non-Hex	Hex	Non-Hex
	FMASRH65208	FMASRN65208	FMASRH65408	FMASRN65408

CCM Cast Abutment

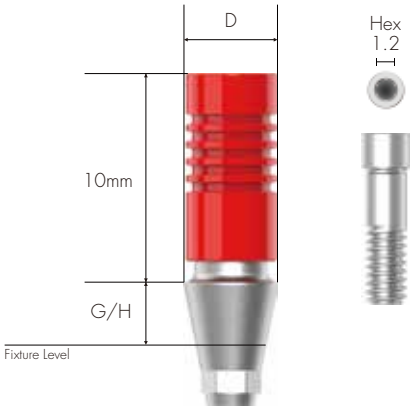
Abutment for manufacturing customized abutment in difficult and complicated cases
Select specification fits for fixture connection
Fixture Level Impression
Casting with non-precious alloy for manufacturing customized prosthesis
Melting point of CCM : 1,400 ~ 1,550°C

Tighten with 1.2 Hex Driver
Recommended tightening torque: 20Ncm for X-Narrow / 30Ncm for Mini, Regular & Wide
When using a X-Narrow Fixture (Ø 3.0), use exclusive CCM Cast Abutment for X-Narrow Fixture.

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



X-Narrow



Mini, Regular & Wide

X-Narrow
DØ4.0

G/H (mm)

1.0		3.0	
			
Double-Hex	Non-Hex	Double-Hex	Non-Hex
CCASXH4010	CCASXN4010	CCASXH4030	CCASXN4030

M/R/W
DØ4.5

G/H (mm)

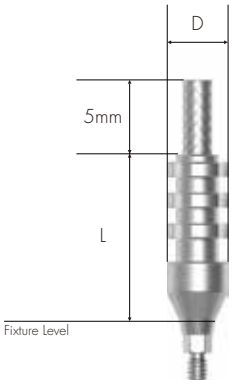
1.0		3.0	
			
Hex	Non-Hex	Hex	Non-Hex
CCASRH4510	CCASRN4510	CCASRH4530	CCASRN4530

Pick-Up Impression Coping

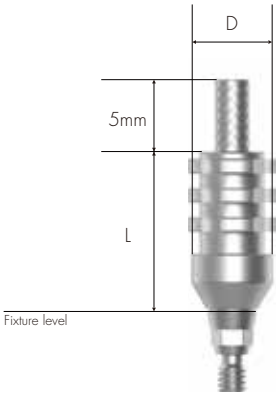
Components for Fixture Level Impression
Open Tray Type
Select specification fits for fixture connection
Enables accurate impression with design of stably fixed in impression material

Tighten with 1.2 Hex Driver by hand
When using a X-Narrow Fixture (Ø 3.0), use exclusive Pick-up Impression Coping for X-Narrow Fixture.

To order as a set as 'Impression Coping body + Guide Pin'
: [For 11mm Length] Poduct Code + S (ex: PISRH40SS)
[For 15mm Length] Poduct Code + S (ex: PISRH40LS)



X-Narrow



Mini, Regular & Wide

	D (mm)	L (mm) 11.0 Hex	L (mm) 11.0 Non-Hex	Guide Pin S
X-Narrow	Ø4.0	PISXH40S	PISXN40S	PIGPSXS
M/R/W	Ø4.0	PISRH40S	PISRN40S	
	Ø4.8	PISRH45S	PISRN45S	
	Ø5.5	PISRH52S	PISRN52S	PIGPSRS
	Ø6.0	PISRH57S	PISRN57S	
	Ø6.8	PISRH65S	PISRN65S	

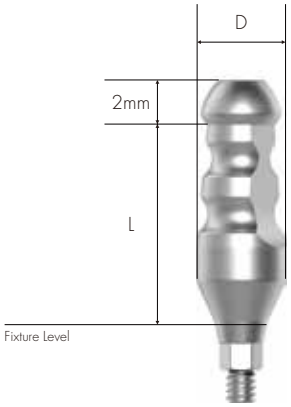
	L (mm)	15.0		Guide Pin L	
		Hex	Non-Hex		
					
	D (mm)				
X-Narrow	Ø4.0	PISXH40L	PISXN40L	PIGPSXL	
M/R/W	Ø4.0	PISRH40L	PISRN40L		
M/R/W	Ø4.8	PISRH45L	PISRN45L		
M/R/W	Ø5.5	PISRH52L	PISRN52L		PIGPSRL
M/R/W	Ø6.0	PISRH57L	PISRN57L		
M/R/W	Ø6.8	PISRH65L	PISRN65L		

Transfer Impression Coping

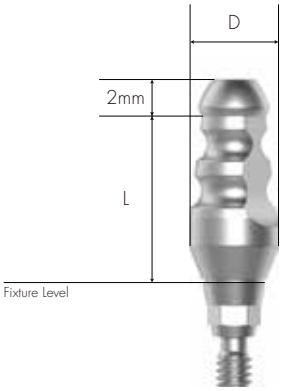
Components for Fixture Level Impression
Closed Tray Type
Select specification fits for fixture connection
Streamlined Shape: Easy to transfer
Anti-Rotation Grooves accord with Hex of fixture

Tighten with 1.2 Hex Driver by hand
When using a X-Narrow Fixture (Ø 3.0), use exclusive Transfer Impression Coping for X-Narrow Fixture.

To order as a set as 'Impression Coping body + Guide Pin'
: [For 9mm Length] Poduct Code + S (ex: TISRH40SS)
[For 13mm Length] Poduct Code + S (ex: TISRH40LS)



X-Narrow



Mini, Regular & Wide

	D (mm)	L (mm) 9.0 Hex	L (mm) 9.0 Non-Hex	Guide Pin S
				 
X-Narrow	Ø4.0	TISXH40S	TISXN40S	TIGPSXS
	Ø4.0	TISRH40S	TISRN40S	
	Ø4.8	TISRH45S	TISRN45S	
M/R/W	Ø5.5	TISRH52S	TISRN52S	TIGPSRS
	Ø6.0	TISRH57S	TISRN57S	
	Ø6.8	TISRH65S	TISRN65S	

	L (mm)	13.0		Guide Pin L	
		Hex	Non-Hex		
					
	D (mm)				
X-Narrow	Ø4.0	TISXH40L	TISXN40L	TIGPSXL	
M/R/W	Ø4.0	TISRH40L	TISRN40L		
	Ø4.8	TISRH45L	TISRN45L		
	Ø5.5	TISRH52L	TISRN52L		TIGPSRL
	Ø6.0	TISRH57L	TISRN57L		
	Ø6.8	TISRH65L	TISRN65L		

Fixture Lab Analog

Lab Analog for Fixture Level Impression
Select among Fixture Diameter (Ø 3.0 / Ø 3.5 / Ø 4.0 and above)

X-Narrow
DØ3.0

FLASX300

Mini
DØ3.75

FLASM350

R/W
DØ4.25

FLASR400

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Prosthetic Flow Chart II

Multi Temporary Cylinder

47p

Multi CCM Cast Cylinder

47p

Multi Plastic Cast Cylinder

48p

Multi Ti Link Cylinder

48p

Multi Lab Analog

50p

Multi Pick-Up Impression Coping

49p

Multi Transfer Impression Coping

49p

Multi Straight Abutment Driver

51p

Multi Straight Abutment

45p

Multi Angled Abutment

46p

Multi Healing Cap

50p

1.2 Hex Driver

81p

Cover Screw

21p

Healing Abutment

22p

1.2 Hex Driver

81p

ZENEX PLUS Fixture

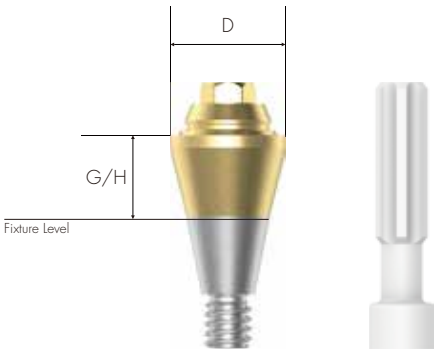
18p

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 oder as a set as 'Abutment + Abutment Screw'
: Product Code + S (ex: MSASR4815S)



Mini, Regular & Wide

M/R/W
DØ4.8

G/H (mm)

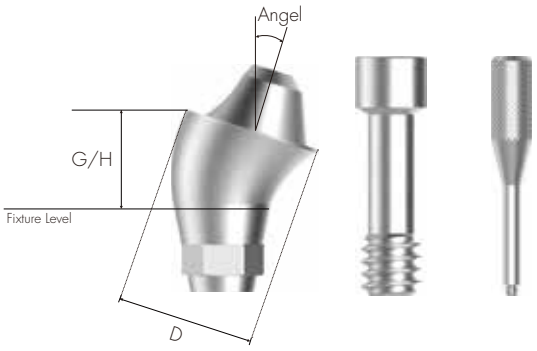
1.5	2.5	3.5	4.5
			
MSASR4815	MSASR4825	MSASR4835	MSASR4845

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 (MAASSR23 for Mini, Regular and Wide) included

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



Mini, Regular & Wide

M/R/W
DØ4.8

G/H (mm)	2.5	3.5	4.5	5.5
Angle				
17°	MAASRH481725	MAASRH481735	MAASRH481745	MAASRH481755
	MAASRN481725	MAASRN481735	MAASRN481745	MAASRN481755

M/R/W
DØ4.8

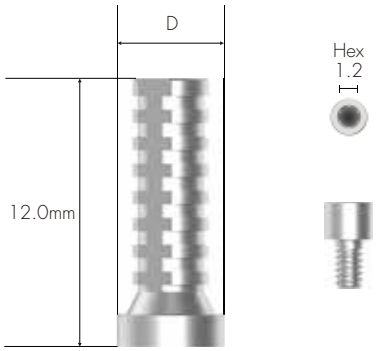
G/H (mm)	3.5	4.5	5.5	6.5
Angle				
30°	MAASRH483035	MAASRH483045	MAASRH483055	MAASRH483065
	MAASRN483035	MAASRN483045	MAASRN483055	MAASRN483065

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

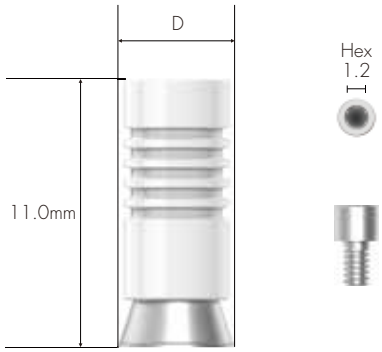
MTCSRN48

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: MCCCSRN48S)



DØ4.8

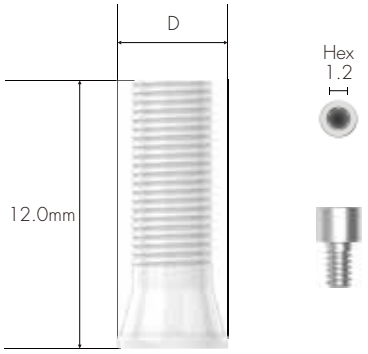
MCCCSRN48

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

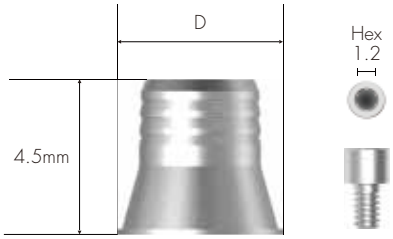
MPCCSRN48

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

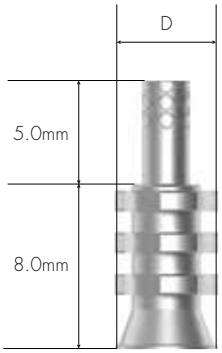
MTLCSRN48

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)



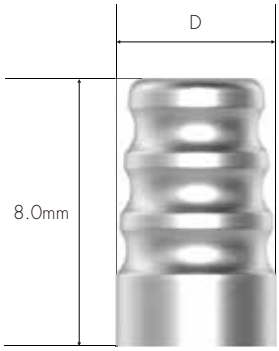
DØ4.8

MPICSR48

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

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

Multi Straight Abutment Driver

Torque driver for Multi Straight Abutment

MSADSR20

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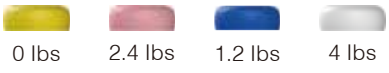
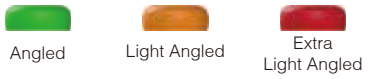
Prosthetic Flow Chart III





60p

60p

Magic Tool

61p

Ball Abutment Cap

55p

Ball Abutment Retainer

55p

Kerator Lab Analog

62p

Ball Abutment Lab Analog

56p

Kerator Impression Coping

62p

Ball Abutment Driver

57p

Ball Abutment

54p

Kerator Torque Tip

61p

Kerator Abutment

58p

Kerator Angled Abutment

59p

1.2 Hex Driver

81p

Cover Screw

21p

Healing Abutment

22p

1.2 Hex Driver

81p

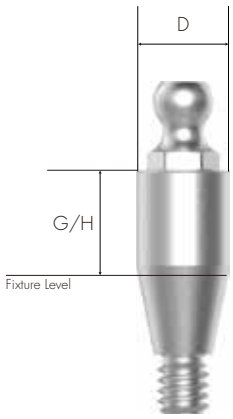
ZENEX PLUS Fixture

18p

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

G/H (mm)	1.0	2.0	3.0	4.0	5.0	6.0
M/R/W 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

Ball Abutment Lab Analog

Lab Analog for Ball Abutment

BAALA

Ball Abutment Driver

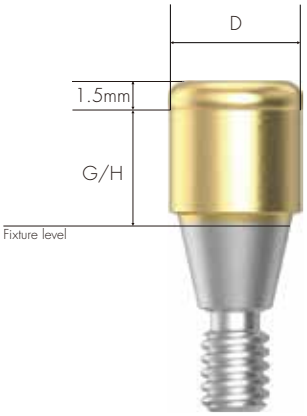
Torque driver for Ball Abutment

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

M/R/W
DØ3.7

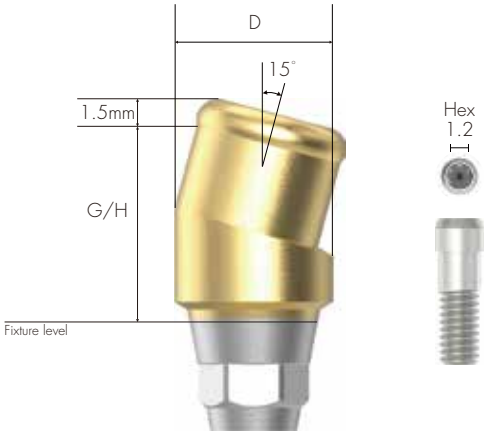
G/H (mm)

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



Mini, Regular & Wide

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

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 for 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

Kerator Lab Analog

Lab Analog for Kerator Abutment

DKA3854

IZEN
IMPLANT

IZEN
IMPLANT

Prosthetic Flow Chart Ⅳ

Ti Link Abutment

66p

Ti Blank Abutment

67p

Fixture Lab Analog

42p

Pick-Up Impression Coping

38p

Transfer Impression Coping

40p

Cover Screw

21p

Healing Abutment

22p

1.2 Hex Driver

79p

ZENEX PLUS Fixture

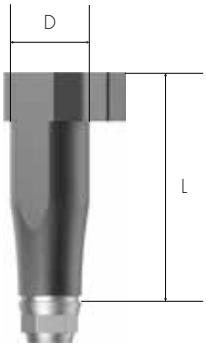
18p

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)



Mini

DØ4.0

L : 14mm

ISBM4014

R/W

DØ4.3

L : 10mm

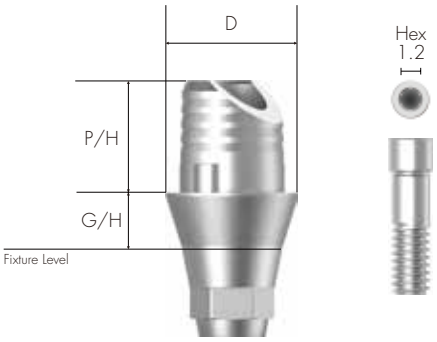
ISBR4310

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 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: TLASRH4520S)



Mini, Regular & Wide

M/R/W
DØ4.5

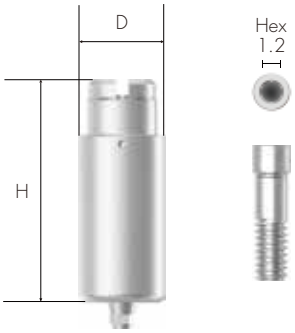
G/H (mm)	1.0		2.0	
P/H (mm)	3.8			
				
	Hex	Non-Hex	Hex	Non-Hex
	TLASRH4510	TLASRN4510	TLASRH4520	TLASRN4520

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)



Mini, Regular & Wide

For Arum M/R/W

DØ10

H (mm) 20.0

Hex	Non-Hex
TBASRH10A	TBASRN10A

For Manix M/R/W

DØ10

H (mm) 20.0

Hex	Non-Hex
TBASRH10M	TBASRN10M