ZENEX PLUS T-System

IZEN
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Izenimplant Co.,Ltd.

ZENEX PLUS T-System

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IZ-CAT-06 Rev.00 (08/20)

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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

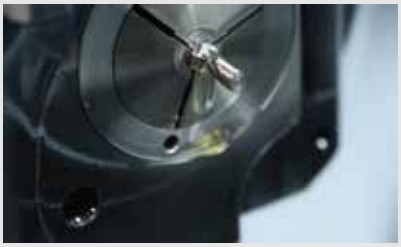
Acquisition of ISO13485: 2016 & CE MDD

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, Fixture Cover Screw, Healing Abutment & Multi Abutment Healing Cap

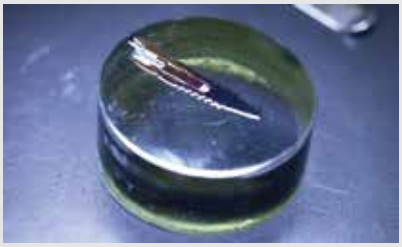
Quality Management

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

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

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

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



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

ZENEX PLUS T-System Contents

Kit Contents

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ZENEX PLUS
T-System

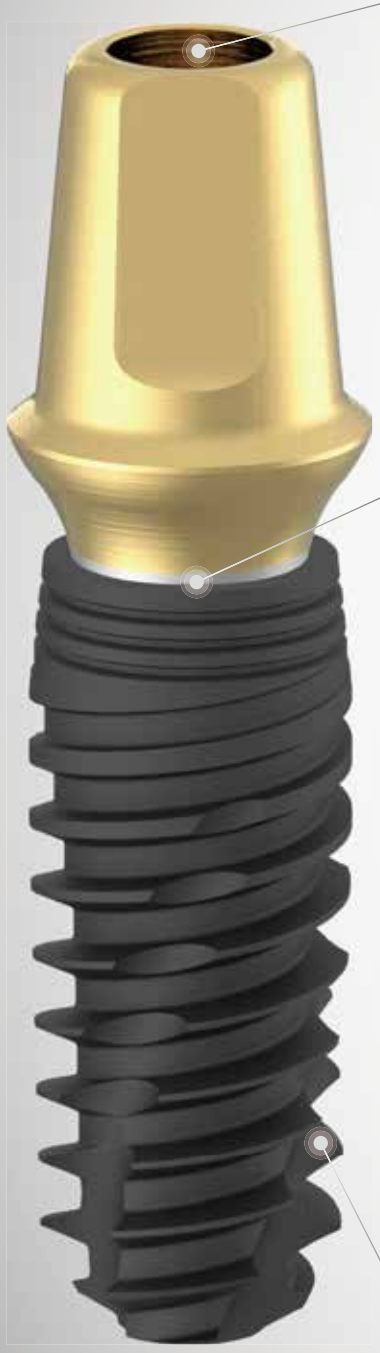
ZENEX PLUS T-System

COMPOSITION

ZENEX PLUS T-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

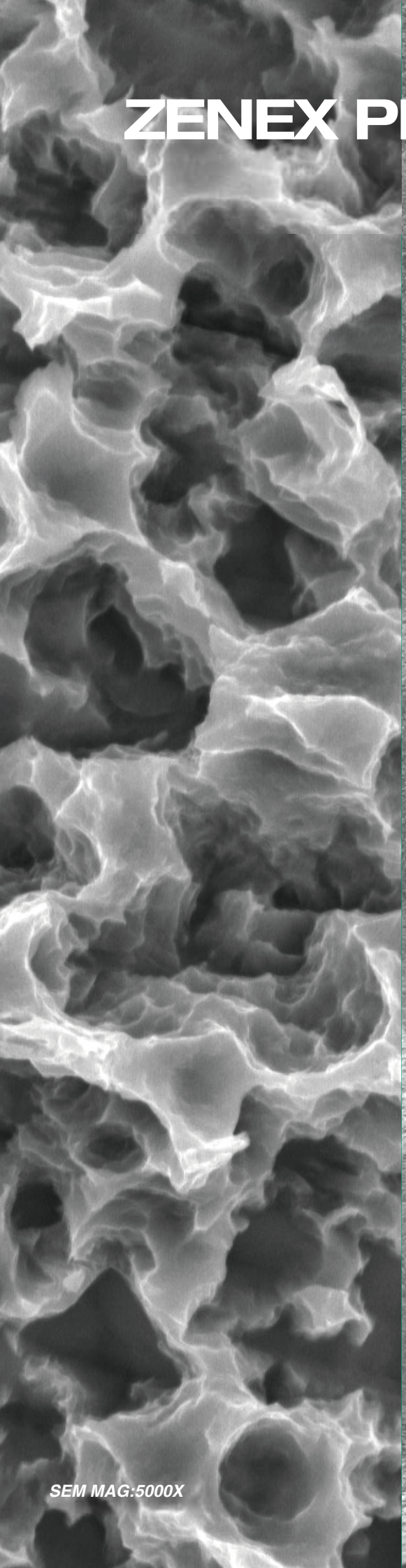
Deep hex hole to prevent abutment rotation

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

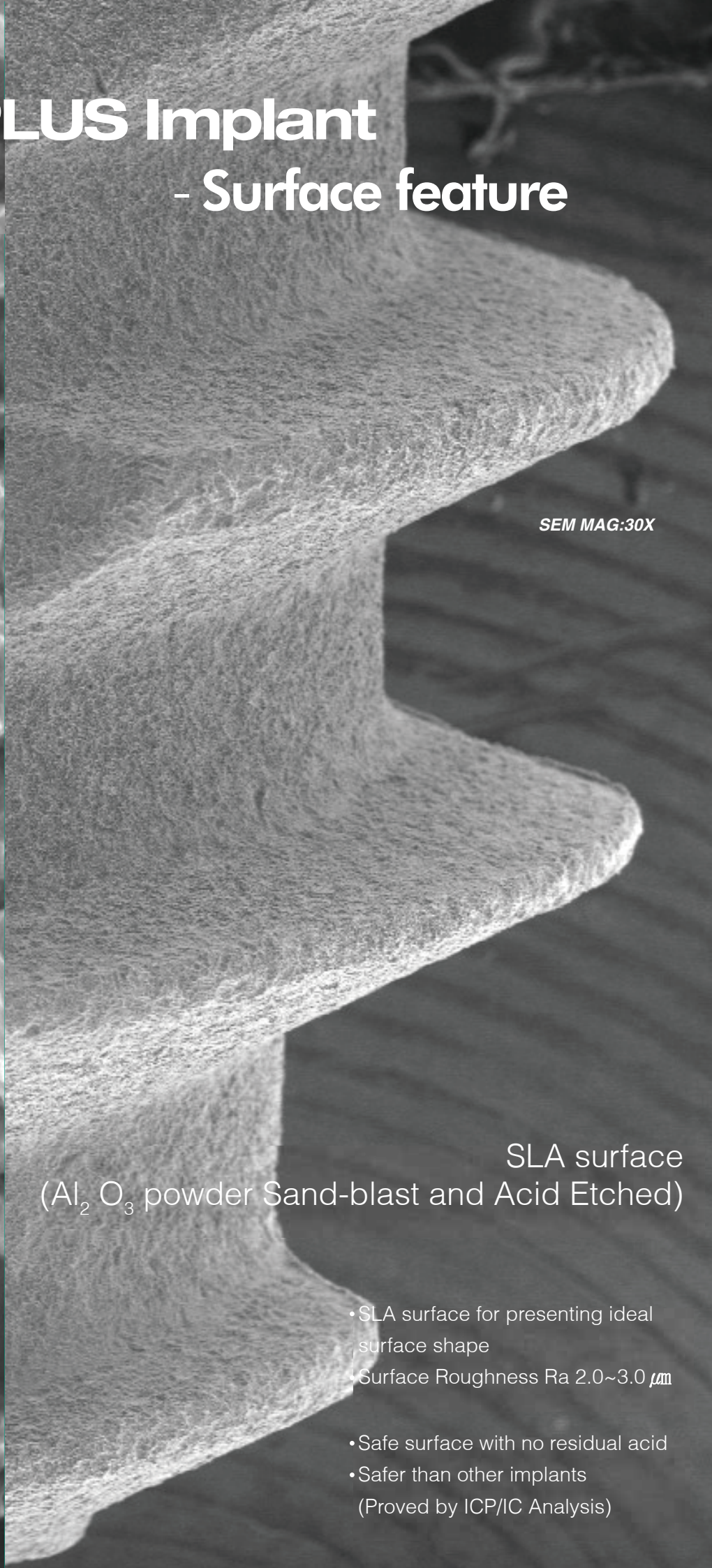
Two conical contact point
Strong tightening force of dual contact between fixture and abutment results in less sink-down which leads to preventing screw loosening

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 feature



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)

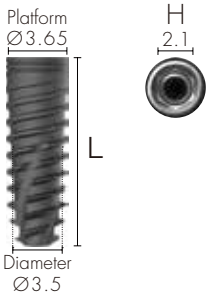
ZENEX PLUS Fixture T - System

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

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

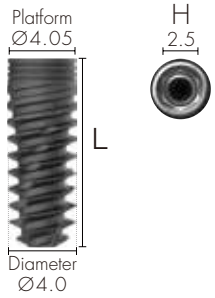
Cover Screw not included in the Fixture package.

Mini Ø3.5 (mm)



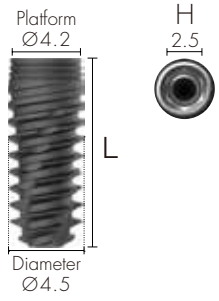
L	7	8.5	10	11.5	13
		ZPTM3508	ZPTM3510	ZPTM3511	ZPTM3513

R Ø4.0 (mm)



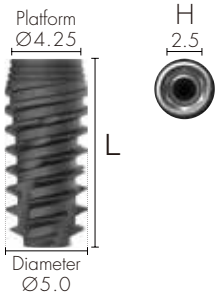
L	7	8.5	10	11.5	13
	ZPTR4007	ZPTR4008	ZPTR4010	ZPTR4011	ZPTR4013

R Ø4.5 (mm)

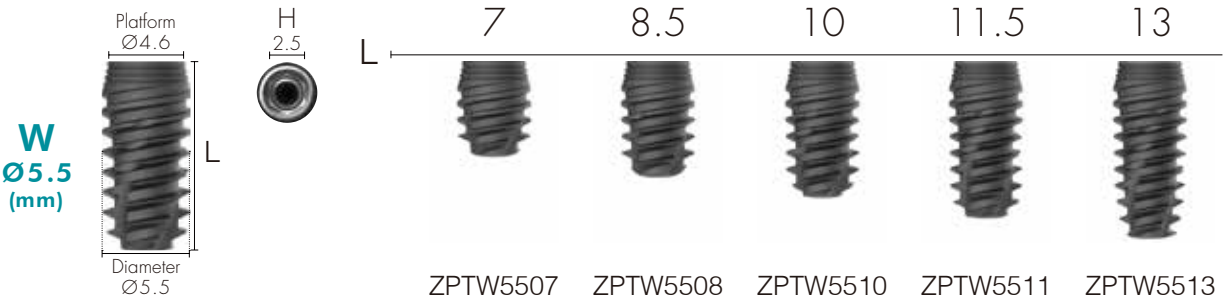


L	7	8.5	10	11.5	13
	ZPTR4507	ZPTR4508	ZPTR4510	ZPTR4511	ZPTR4513

W Ø5.0 (mm)

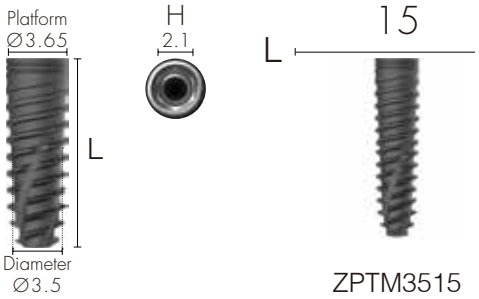


L	7	8.5	10	11.5	13
	ZPTW5007	ZPTW5008	ZPTW5010	ZPTW5011	ZPTW5013


W
Ø5.5
(mm)
Platform
Ø4.6
H
2.5
L
Diameter
Ø5.5
L
7
8.5
10
11.5
13
ZPTW5507
ZPTW5508
ZPTW5510
ZPTW5511
ZPTW5513

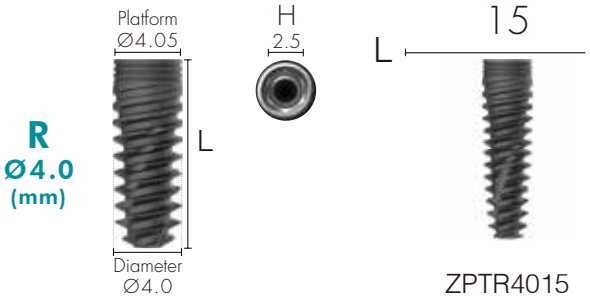
Special Options

Mini
Ø3.5
(mm)



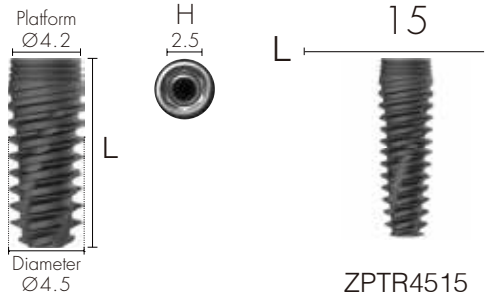
ZPTM3515

R
Ø4.0
(mm)



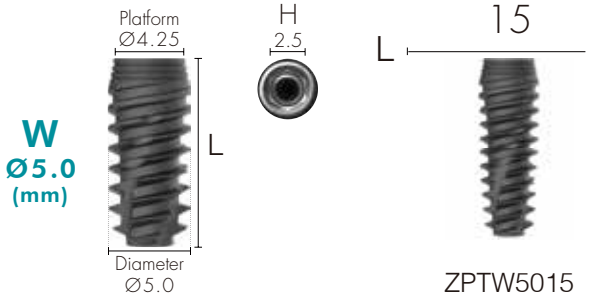
ZPTR4015

R
Ø4.5
(mm)



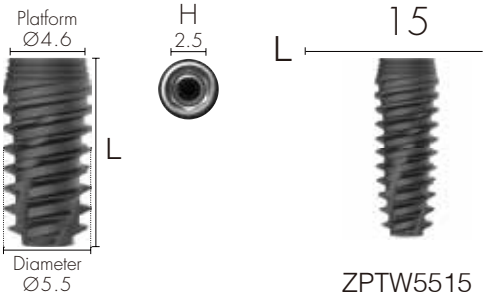
ZPTR4515

W
Ø5.0
(mm)



ZPTW5015

W
Ø5.5
(mm)



ZPTW5515

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

Mini

CSTM35S CSTM35M CSTM35L

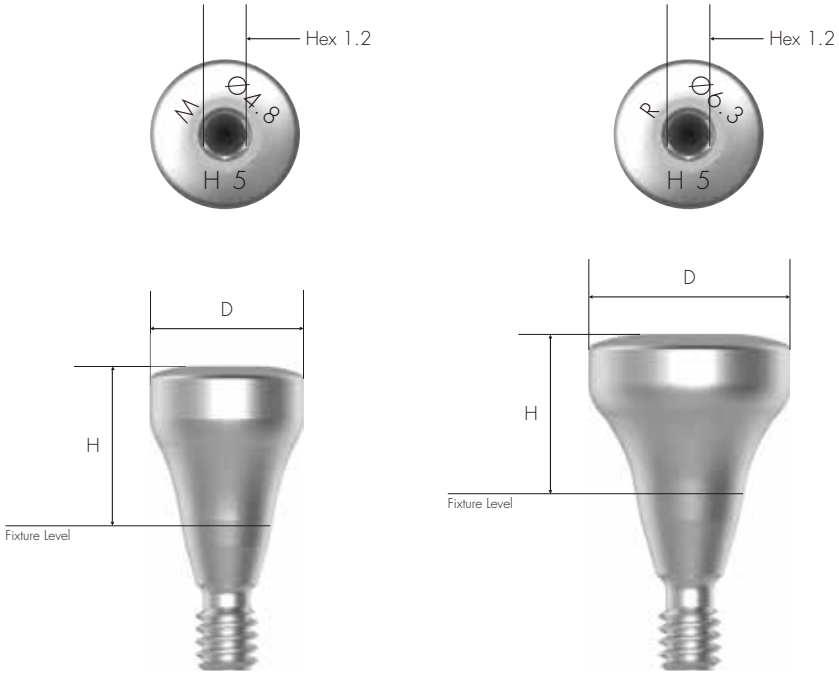
R/W

CSTR40S CSTR40M CSTR40L

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



Mini

Regular & Wide

Mini

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

R/W

H (mm) / D (mm)	3.0	4.0	5.0	7.0	9.0
					
Ø4.3	HATR403	HATR404	HATR405	HATR407	HATR409
Ø4.8	HATR453	HATR454	HATR455	HATR457	HATR459
Ø5.3	HATR503	HATR504	HATR505	HATR507	HATR509
Ø6.3	HATR603	HATR604	HATR605	HATR607	HATR609
Ø7.3	HATR703	HATR704	HATR705	HATR707	HATR709
Ø8.3	HATR803	HATR804	HATR805		

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Prosthetic Flow Chart I

Temporary Abutment

26p

Cemented Abutment

27p

Angled Abutment

32p

FreeMilling Abutment

35p

CCM Cast Abutment

37p

Fixture Lab Analog

42p

Pick-Up Impression Coping

38p

Transfer Impression Coping

40p

Cover Screw

20p

Healing Abutment

21p

1.2 Hex Driver

85p

ZENEX PLUS Fixture

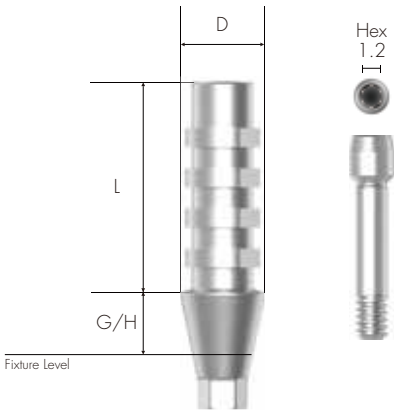
18p

Temporary Abutment

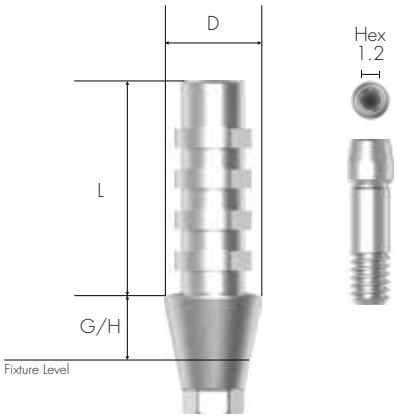
Abutment for manufacturing Screw-retained type temporary prosthesis
Select specification fits for fixture connection.
Fixture Level Impression

Tighten with 1.2 Hex Driver
Recommended tightening torque: 20Ncm

To order as a set as 'Abutment + Abutment Screw'
: Product Code + S (ex: TATRH4510S)



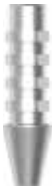
Mini



Regular & Wide

Mini
DØ4.0

G/H (mm)

1.0		3.0	
			
Hex	Non-Hex	Hex	Non-Hex
TATMH4010	TATMN4010	TATMH4030	TATMN4030

R/W
DØ4.5

G/H (mm)

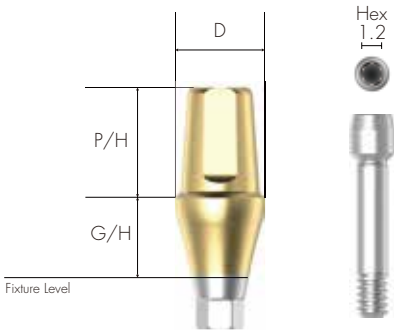
1.0		3.0	
			
Hex	Non-Hex	Hex	Non-Hex
TATRH4510	TATRN4510	TATRH4530	TATRN4530

Cemented Abutment

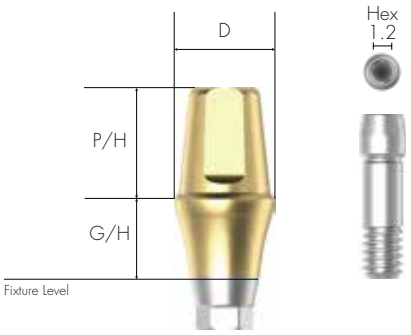
Abutment for manufacturing Cement/Combination-retained type prosthesis
Select specification fits for fixture connection.
Customized by grinding (need to be maintained at least 3.0mm of Abutment Length above Fixture Platform)
Fixture Level Impression

Tighten with 1.2 Hex Driver
Recommended tightening torque: 30Ncm

To order as a set as 'Abutment + Abutment Screw'
: Product Code + S (ex: CATRH45105S)



Mini



Regular & Wide

Mini 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	CATMH40105	CATMH40207	CATMH40307	CATMH40407
Non-Hex	5.5	CATMN40105	CATMN40205	CATMN40305	CATMN40405
	7.0	CATMN40107	CATMN40207	CATMN40307	CATMN40407

Mini 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

Mini
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

Mini
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

R/W
DØ4.5

	G/H (mm)	1.0	2.0	3.0	4.0
					
	P/H (mm)				
Hex	5.5	CATRH45105	CATRH45205	CATRH45305	CATRH45405
	7.0	CATRH45107	CATRH45207	CATRH45307	CATRH45407
Non-Hex	5.5	CATRN45105	CATRN45205	CATRN45305	CATRN45405
	7.0	CATRN45107	CATRN45207	CATRN45307	CATRN45407

R/W DØ4.5

	G/H (mm)	5.0	6.0	7.0
				
	P/H (mm)			
Hex	5.5	CATRH45505	CATRH45605	CATRH45705
	7.0	CATRH45507	CATRH45607	CATRH45707
Non-Hex	5.5	CATRN45505	CATRN45605	CATRN45705
	7.0	CATRN45507	CATRN45607	CATRN45707

R/W DØ5.0

	G/H (mm)	1.0	2.0	3.0	4.0
					
	P/H (mm)				
Hex	4.0	CATRH50104	CATRH50204	CATRH50304	CATRH50404
	5.5	CATRH50105	CATRH50205	CATRH50305	CATRH50405
	7.0	CATRH50107	CATRH50207	CATRH50307	CATRH50407
Non-Hex	4.0	CATRN50104	CATRN50204	CATRN50304	CATRN50404
	5.5	CATRN50105	CATRN50205	CATRN50305	CATRN50405
	7.0	CATRN50107	CATRN50207	CATRN50307	CATRN50407

R/W DØ5.0

	G/H (mm)	5.0	6.0	7.0
				
	P/H (mm)			
Hex	4.0	CATRH50504	CATRH50604	CATRH50704
	5.5	CATRH50505	CATRH50605	CATRH50705
	7.0	CATRH50507	CATRH50607	CATRH50707
Non-Hex	4.0	CATRN50504	CATRN50604	CATRN50704
	5.5	CATRN50505	CATRN50605	CATRN50705
	7.0	CATRN50507	CATRN50607	CATRN50707

R/W DØ6.0

	G/H (mm)	1.0	2.0	3.0	4.0
					
	P/H (mm)				
Hex	4.0	CATRH60104	CATRH60204	CATRH60304	CATRH60404
	5.5	CATRH60105	CATRH60205	CATRH60305	CATRH60405
	7.0	CATRH60107	CATRH60207	CATRH60307	CATRH60407
Non-Hex	4.0	CATRN60104	CATRN60204	CATRN60304	CATRN60404
	5.5	CATRN60105	CATRN60205	CATRN60305	CATRN60405
	7.0	CATRN60107	CATRN60207	CATRN60307	CATRN60407

R/W DØ6.0

	G/H (mm)	5.0	6.0	7.0
				
	P/H (mm)			
Hex	4.0	CATRH60504	CATRH60604	CATRH60704
	5.5	CATRH60505	CATRH60605	CATRH60705
	7.0	CATRH60507	CATRH60607	CATRH60707
Non-Hex	4.0	CATRN60504	CATRN60604	CATRN60704
	5.5	CATRN60505	CATRN60605	CATRN60705
	7.0	CATRN60507	CATRN60607	CATRN60707

R/W DØ7.0

	G/H (mm)	1.0	2.0	3.0	4.0
					
	P/H (mm)				
Hex	4.0	CATRH70104	CATRH70204	CATRH70304	CATRH70404
	5.5	CATRH70105	CATRH70205	CATRH70305	CATRH70405
Non-Hex	4.0	CATRN70104	CATRN70204	CATRN70304	CATRN70404
	5.5	CATRN70104	CATRN70205	CATRN70305	CATRN70405

R/W
DØ7.0

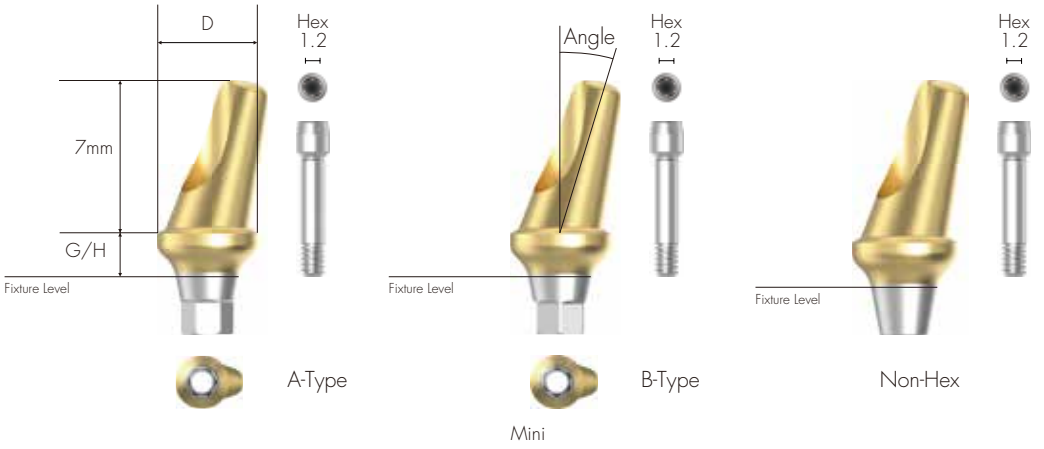
	G/H (mm)	5.0	6.0	7.0
				
	P/H (mm)			
Hex	4.0	CATRH70504	CATRH70604	CATRH70704
	5.5	CATRH70505	CATRH70605	CATRH70705
Non-Hex	4.0	CATRN70504	CATRN70604	CATRN70704
	5.5	CATRN70505	CATRN70605	CATRN70705

Angled Abutment

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

Tighten with 1.2 Hex Drive
Recommended tightening torque: 30Ncm

To order as a set as 'Abutment + Abutment Screw'
: Product Code + S (ex: AATRA45172S)



Mini
DØ4.0

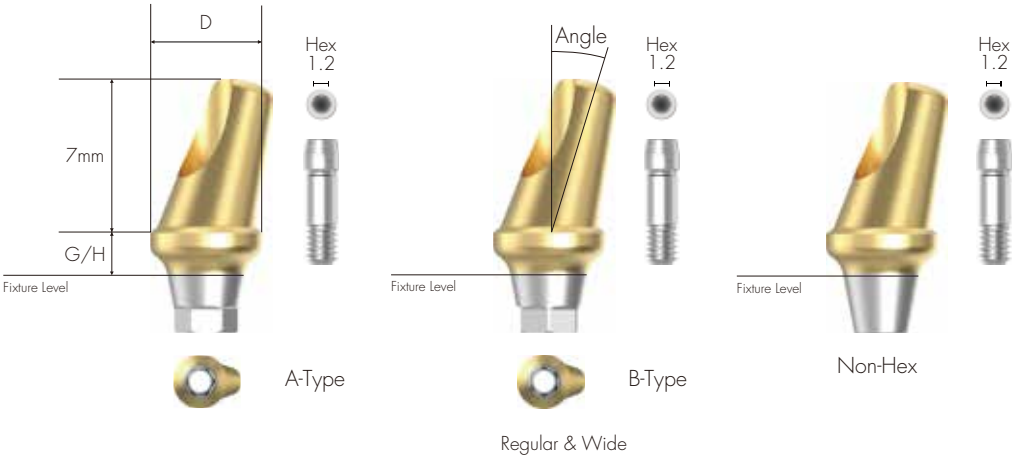
G/H (mm)	2.0	4.0
Angle	17°	

A-Type	AATMA40172	AATMA40174
B-Type	AATMB40172	AATMB40174
Non-Hex	AATMN40172	AATMN40174

Mini
DØ4.5

G/H (mm)	2.0	4.0
Angle	17°	

A-Type	AATMA45172	AATMA45174
B-Type	AATMB45172	AATMB45174
Non-Hex	AATMN45172	AATMN45174



Regular & Wide

R/W
DØ4.5

G/H (mm)	2.0	4.0
Angle	17°	

A-Type	AATRA45172	AATRA45174
B-Type	AATRB45172	AATRB45174
Non-Hex	AATRN45172	AATRN45174

R/W
DØ5.0

G/H (mm)	2.0	4.0
Angle	17°	

A-Type	AATRA50172	AATRA50174
B-Type	AATRB50172	AATRB50174
Non-Hex	AATRN50172	AATRN50174

R/W
DØ6.0

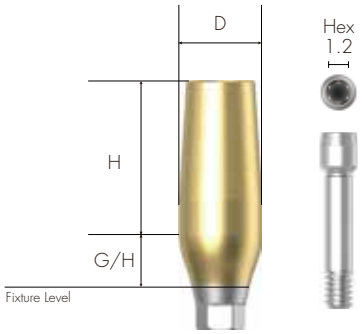
G/H (mm)	2.0	4.0
Angle	17°	
		
A-Type	AATRA60172	AATRA60174
B-Type	AATRB60172	AATRB60174
Non-Hex	AATRN60172	AATRN60174

FreeMilling Abutment

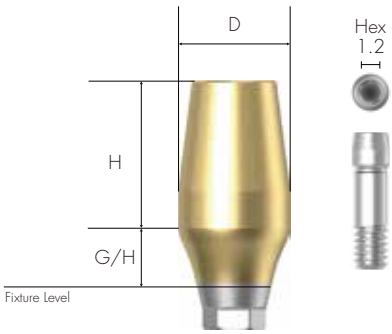
Abutment for manufacturing Cement/Combination-retained type prosthesis
Used when creating free marginal space for Abutment
Select specification fits for fixture Connection
Customized by grinding (need to be maintained at least 3.0mm of Abutment Length above Fixture Platform)
Fixture Level Impression

Tighten with 1.2 Hex Driver
Recommended tightening torque: 30Ncm

To order as a set as 'Abutment + Abutment Screw'
: Product Code + S (ex: FMATRH40159S)



Mini



Regular & Wide

Mini

DØ4.0
H: 9.0mm

G/H (mm)

1.5		3.0	
			
Hex	Non-Hex	Hex	Non-Hex
FMATMH40159	FMATMN40159	FMATMH40309	FMATMN40309

R/W

DØ4.0
H: 9.0mm

G/H (mm)

1.5		3.0	
			
Hex	Non-Hex	Hex	Non-Hex
FMATRH40159	FMATRN40159	FMATRH40309	FMATRN40309

R/W
DØ5.0
H: 8.0mm

G/H (mm)	1.5		3.0	
				
	Hex	Non-Hex	Hex	Non-Hex
	FMATRH50158	FMATRN50158	FMATRH50308	FMATRN50308

R/W
DØ6.0
H: 8.0mm

G/H (mm)	1.5		3.0	
				
	Hex	Non-Hex	Hex	Non-Hex
	FMATRH60158	FMATRN60158	FMATRH60308	FMATRN60308

R/W
DØ7.0
H: 8.0mm

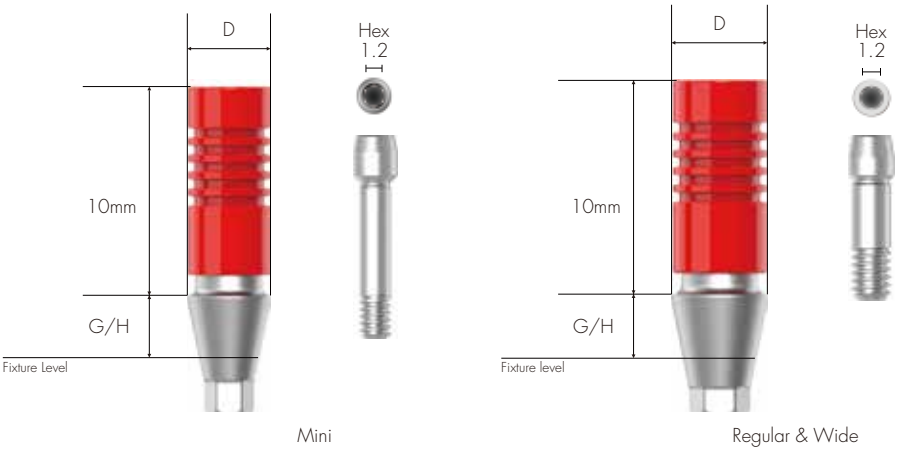
G/H (mm)	1.5		3.0	
				
	Hex	Non-Hex	Hex	Non-Hex
	FMATRH70158	FMATRN70158	FMATRH70308	FMATRN70308

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: CCATRH4510S)



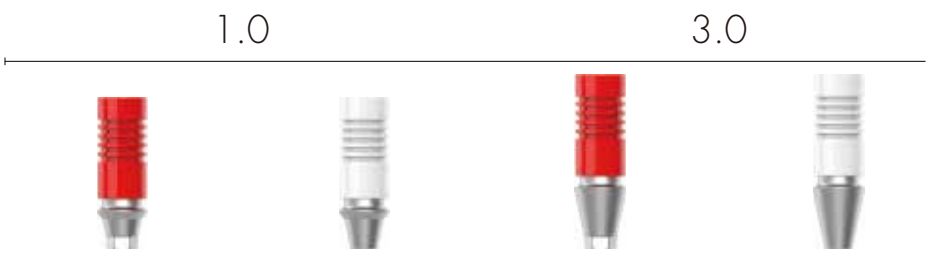
Mini
DØ4.0

G/H (mm)

Hex	Non-Hex	Hex	Non-Hex
CCATMH4010	CCATMN4010	CCATMH4030	CCATMN4030

R/W
DØ4.5

G/H (mm)



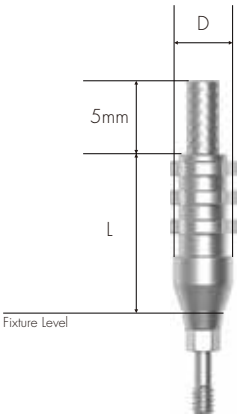
Hex	Non-Hex	Hex	Non-Hex
CCATRH4510	CCATRN4510	CCATRH4530	CCATRN4530

Pick-Up Impression Coping

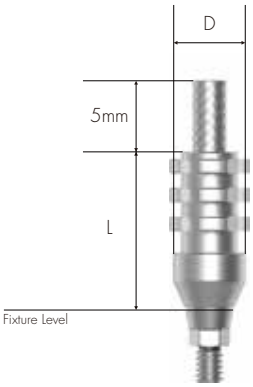
Components for Fixture Level Impression
Open Tray Type
Select specification fits for fixture connection
Enables accurate impression with design of stably fixed in impression material

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: PITRH40SS)
[For 15mm Length] Product Code + S (ex: PITRH40LS)



Mini



Regular & Wide

	L (mm)	11.0 Hex	11.0 Non-Hex	Guide Pin S
				 
	D (mm)			
Mini	Ø4.0	PITMH40S	PITMN40S	PIGPTMS
Mini	Ø4.5	PITMH45S	PITMN45S	PIGPTMS
R/W	Ø4.0	PITRH40S	PITRN40S	PIGPTRS
R/W	Ø4.5	PITRH45S	PITRN45S	PIGPTRS
R/W	Ø5.0	PITRH50S	PITRN50S	PIGPTRS
R/W	Ø6.0	PITRH60S	PITRN60S	PIGPTRS
R/W	Ø7.0	PITRH70S	PITRN70S	PIGPTRS

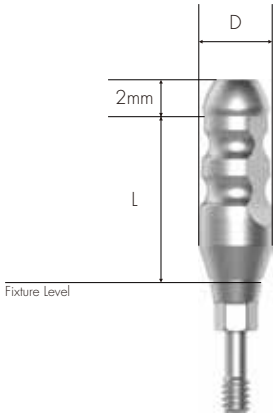
	L (mm)	15.0 Hex	15.0 Non-Hex	Guide Pin L
				 
	D (mm)			
Mini	Ø4.0	PITMH40L	PITMN40L	PIGPTML
	Ø4.5	PITMH45L	PITMN45L	
R/W	Ø4.0	PITRH40L	PITRN40L	
	Ø4.5	PITRH45L	PITRN45L	
	Ø5.0	PITRH50L	PITRN50L	PIGPTRL
	Ø6.0	PITRH60L	PITRN60L	
	Ø7.0	PITRH70L	PITRN70L	

Transfer Impression Coping

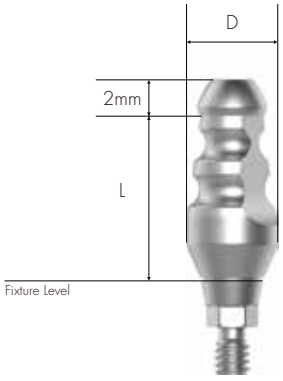
Components for Fixture Level Impression
Closed Tray Type
Select specification fits for fixture connection
Streamlined Shape: Easy to transfer
Anti-Rotation Grooves accord with Hex of fixture

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: TITRH40SS)
[For 13mm Length] Product Code + S (ex: TITRH40LS)



Mini



Regular & Wide

	L (mm)	9.0		Guide Pin S	
		Hex	Non-Hex		
					
	D (mm)				
Mini	Ø4.0	TITMH40S	TITMN40S	TIGPTMS	
	Ø4.5	TITMH45S	TITMN45S		
R/W	Ø4.0	TITRH40S	TITRN40S		
	Ø4.5	TITRH45S	TITRN45S		
	Ø5.0	TITRH50S	TITRN50S		TIGPTRS
	Ø6.0	TITRH60S	TITRN60S		
	Ø7.0	TITRH70S	TITRN70S		

	L (mm)	13.0		Guide Pin L	
		Hex	Non-Hex		
					
	D (mm)				
Mini	Ø4.0	TITMH40L	TITMN40L	TIGPTML	
Mini	Ø4.5	TITMH45L	TITMN45L	TIGPTML	
R/W	Ø4.0	TITRH40L	TITRN40L		
R/W	Ø4.5	TITRH45L	TITRN45L		
R/W	Ø5.0	TITRH50L	TITRN50L		TIGPTRL
R/W	Ø6.0	TITRH60L	TITRN60L		TIGPTRL
R/W	Ø7.0	TITRH70L	TITRN70L		TIGPTRL

Fixture Lab Analog

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

Mini
DØ3.75

FLATM350

R/W
DØ4.25

FLATR400

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Prosthetic Flow Chart II

Multi Temporary Cylinder

49p

Multi CCM Cast Cylinder

49p

Multi Plastic Cast Cylinder

50p

Multi Ti Link Cylinder

50p

Multi Lab Analog

52p

Multi Pick-Up Impression Coping

51p

Multi Transfer Impression Coping

51p

Multi Straight Abutment Driver

53p

Multi Straight Abutment

46p

Multi Angled Abutment

47p

Multi Healing Cap

52p

1.2 Hex Driver

85p

Cover Screw

20p

Healing Abutment

21p

1.2 Hex Driver

85p

ZENEX PLUS Fixture

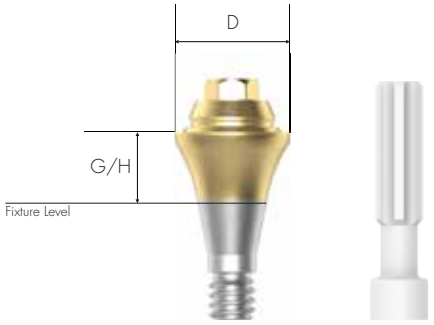
18p

Multi Straight Abutment

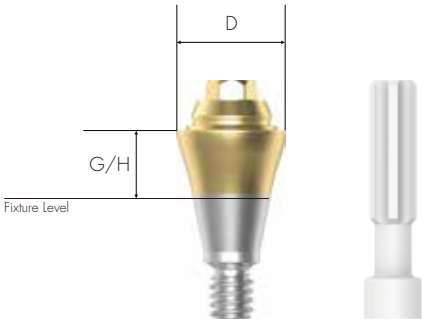
Abutment for manufacturing screw-retained prosthesis in Multiple Case
Same platform as Multi Angled Abutment
Move into internal oral part by using exclusive Abutment Carrier (Code: MSACR48)

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

To order as a set as 'Abutment + Carrier'
: Product Code + S (ex: MSATR4810S)



Mini



Regular & Wide

Mini
DØ4.8

G/H (mm)

1.0	2.0	3.0	4.0	5.0
				
MSATM4810	MSATM4820	MSATM4830	MSATM4840	MSATM4850

R/W
DØ4.8

G/H (mm)

1.0	2.0	3.0	4.0	5.0
				
MSATR4810	MSATR4820	MSATR4830	MSATR4840	MSATR4850

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 & MAASTR20 for Regular and Wide) included

To order as a set as 'Abutment + Screw + Carrier'
: Product Code + S (ex: MAATRH481725S)

Mini
DØ4.8

G/H (mm)	2.5	3.0	4.0
Angle 17°			
	MAATMH481725	MAATMH481730	MAATMH481740

Mini
DØ4.8

G/H (mm)	3.5	4.0	5.0
Angle 30°			
	MAATMH483035	MAATMH483040	MAATMH483050

R/W
DØ4.8

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

Angle 17°

MAATRH481725 | MAATRH481730 | MAATRH481740

R/W
DØ4.8

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

Angle 30°

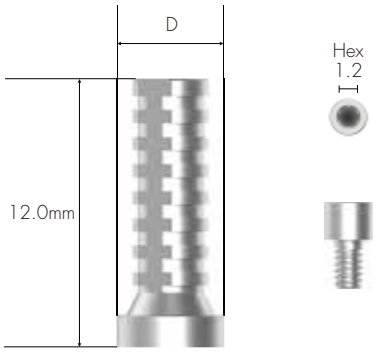
MAATRH483035 | MAATRH483040 | MAATRH483050

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

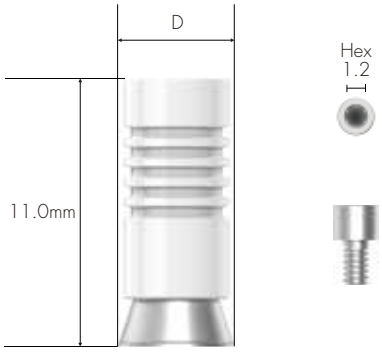
MTCSRN48

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

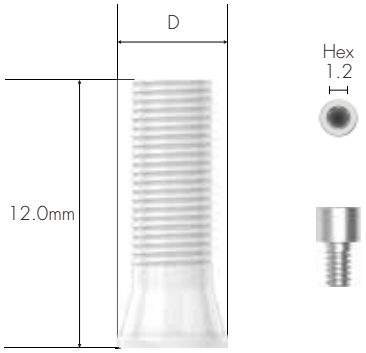
MCCCSRN48

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

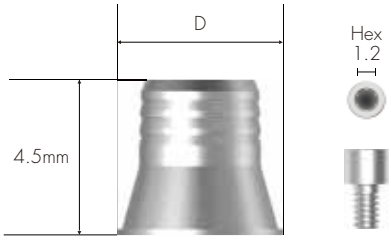
MPCCSRN48

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

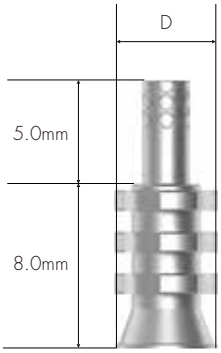
MTLCSRN48

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)



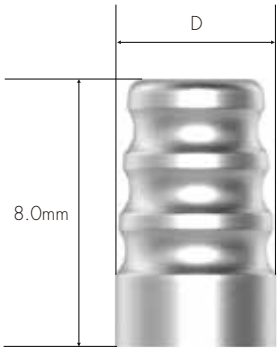
DØ4.8

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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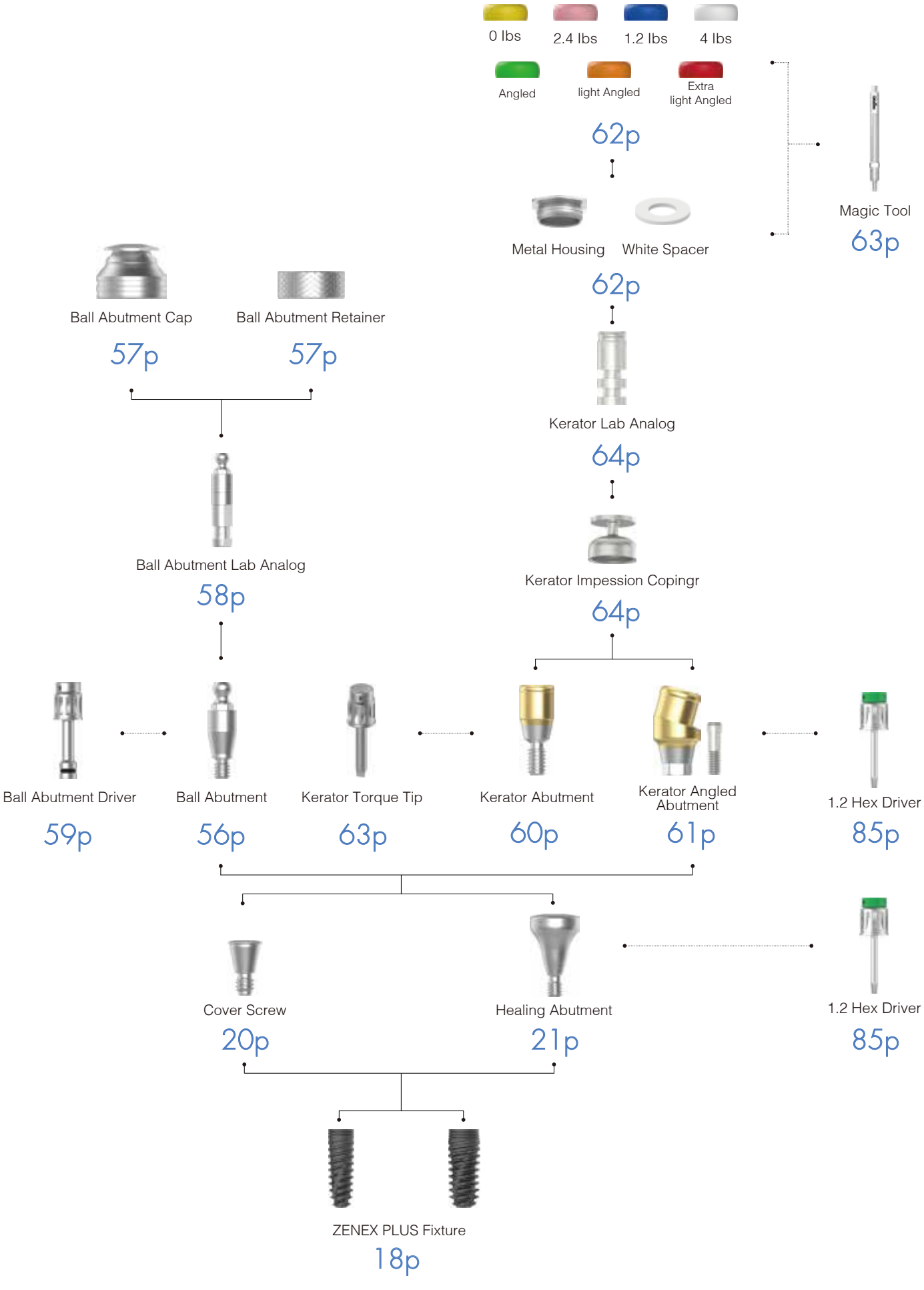
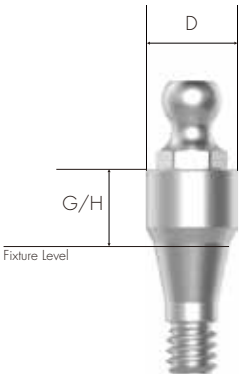
Prosthetic Flow Chart III



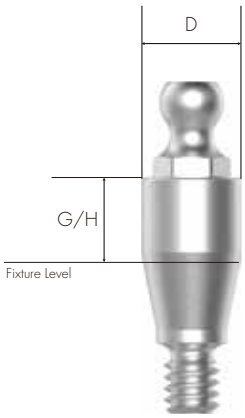
Ball Abutment

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
Mini DØ3.5						
	BATM3510	BATM3520	BATM3530	BATM3540	BATM3550	BATM3560

G/H (mm)	1.0	2.0	3.0	4.0	5.0	6.0
R/W DØ3.5						
	BATR3510	BATR3520	BATR3530	BATR3540	BATR3550	BATR3560

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

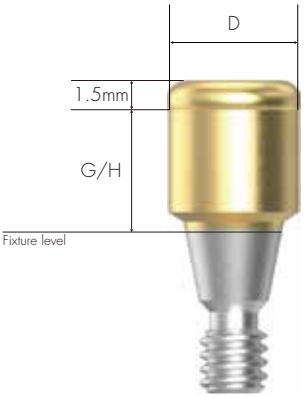
Torque driver for Ball Abutment

BAD24

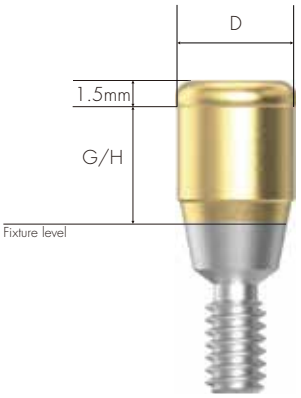
Kerator Abutment

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

Mini
DØ3.7

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

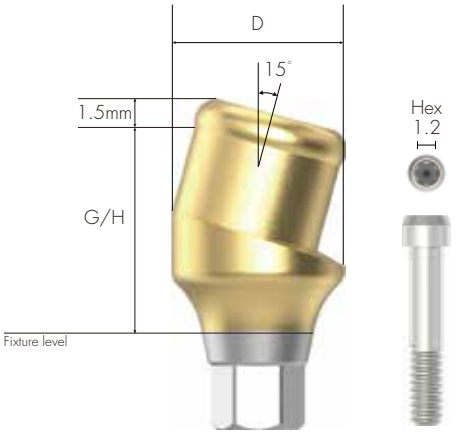
R/W
DØ3.7

G/H (mm)	1.0	2.0	3.0	4.0	5.0	6.0
						
	G401	G402	G403	G404	G405	G406

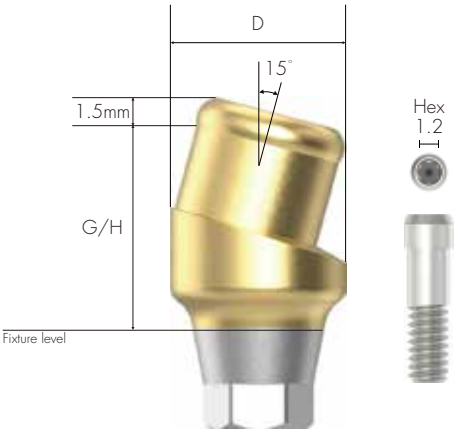
Kerator Angled Abutment

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

Mini
DØ3.7

G/H (mm)	1.5	3.0
		
	G35AN1.5	G35AN3.0

R/W
DØ3.7

G/H (mm)	1.5	3.0
		
	G4AN1.5	G4AN3.0

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 to maintenance

KMT002

Kerator Torque Tip

Torque driver for Kerator Abutment

Round Type

KMD719

Kerator Impression Coping

Pick-Up Impression Coping for Kerator abutment
Closed Tray Type

DKI4845

Kerator Lab Analog

Lab Analog for Kerator Abutment

DKA3854

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IMPLANT

Prosthetic Flow Chart Ⅳ

Ti Link Abutment

69p

Ti Blank Abutment

70p

Fixture Lab Analog

42p

Pick-Up Impression Coping

38p

Transfer Impression Coping

40p

Cover Screw

20p

Healing Abutment

21p

1.2 Hex Driver

85p

ZENEX PLUS Fixture

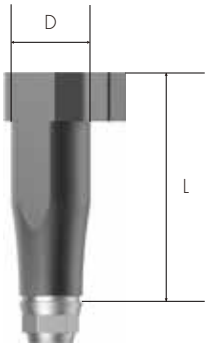
18p

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: TSBR4310S)



Mini
DØ4.0

L : 14mm

TSBM4014

R/W
DØ4.3

L : 10mm

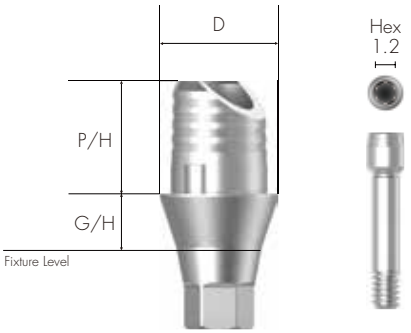
TSBR4310

Ti Link Abutment

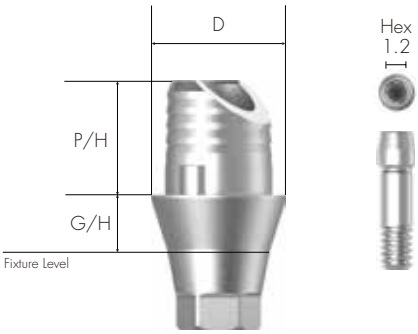
Abutment for manufacturing Cement/Combination-retained type prosthesis
For manufacturing custom abutment (Titanium & Zirconia) and crown by CAD/CAM equipment
Select specification fits for fixture Connection
Use exclusive library for ZENEX PLUS Implant system
Fixture Level Impression

Tighten with 1.2 Hex Driver
Recommended tightening torque: 30Ncm

To order as a set as 'Abutment + Screw'
: Product Code + S (ex: TLATRH4510S)



Mini



Regular & Wide

Mini
DØ4.0

G/H (mm) 1.0 2.0
P/H (mm) 3.8

Hex	Non-Hex	Hex	Non-Hex
TLATMH4010	TLATMN4010	TLATMH4020	TLATMN4020

R/W
DØ4.5

G/H (mm) 1.0 2.0
P/H (mm) 3.8

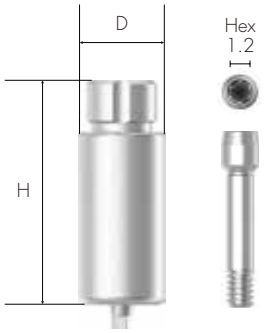
Hex	Non-Hex	Hex	Non-Hex
TLATRH4510	TLATRN4510	TLATRH4520	TLATRN4520

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: TBATRH10AS)



Mini

Regular & Wide

For Arum Mini

DØ10

H (mm) 20.0


Hex	Non-Hex
TBATMH10A	TBATMN10A

R/W

DØ10

H (mm) 20.0


Hex	Non-Hex
TBATRH10A	TBATRN10A

For Manix Mini

DØ10

H (mm)	20.0
	
Hex	TBATMH10M
Non-Hex	 TBATMN10M

R/W

DØ10

H (mm)	20.0
	
Hex	TBATRH10M
Non-Hex	 TBATRN10M