

# Mini™

by MEGA'GEN







## Key Advantages

Strong solution for narrow ridge & Anterior small teeth.

Mini, but mighty.



### 004 Characteristics & Advantages

#### 004 I. Features

### 005 Fixture / Cover Screw & Healing Abutment

#### 005 I. Fixture Dimension

#### 006 II. Fixture Size & Cover Screw & Healing Abutment

### 007 MiNi Overdenture

#### 007 I. Fixture Dimension

#### 008 II. Fixture Size

### 010 Abutment & Prosthetic options

#### 010 I. Fixture level Prosthesis

#### 014 II. Overdenture Prosthesis

##### 014 1. Meg-Rhein Abutment & Components

### 020 MiNi™ Kit

### 022 R2GATE Universal Kit

### 028 Digital Material

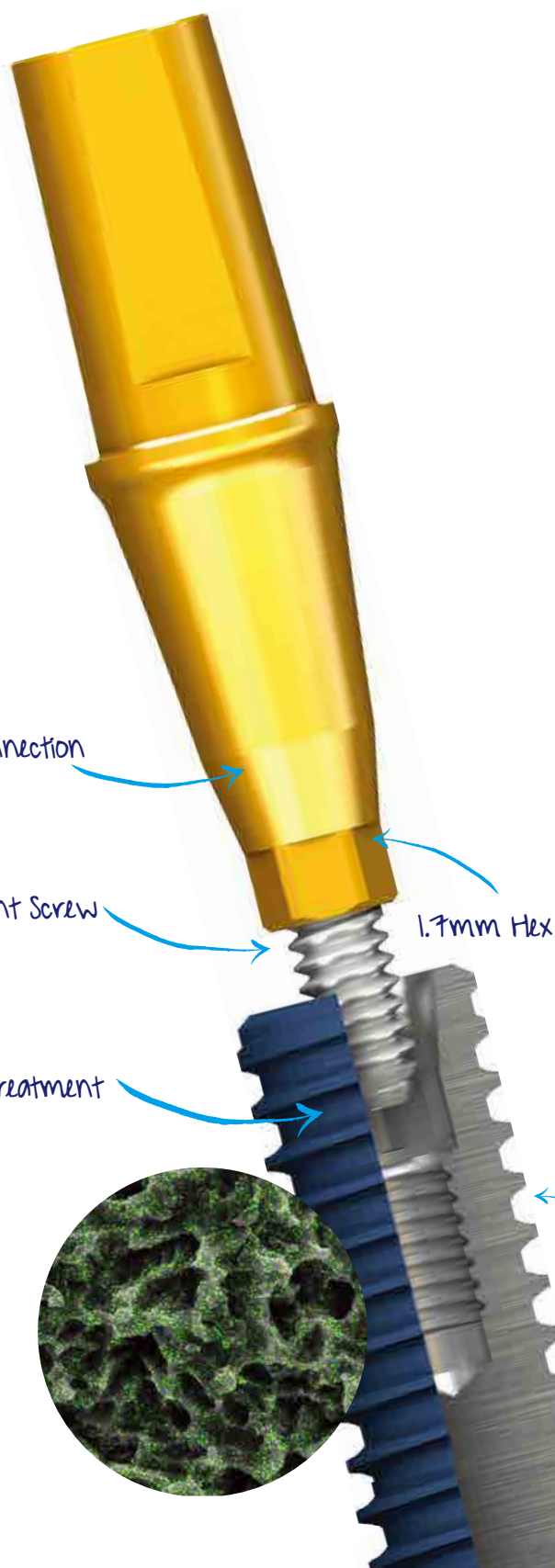
#### 028 I. ZrGEN

#### 028 II. TiGEN

### 042 Clinical Case

# Characteristics & Advantages

## I. Features

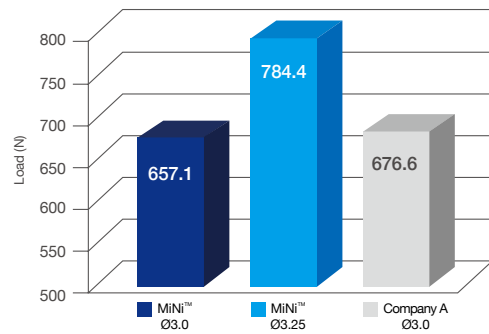


### MiNi™, but mighty

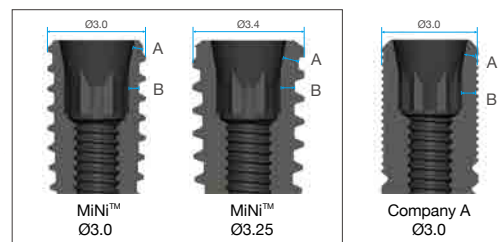
- When compared with the company A, MiNi™ internal fixture Ø3.0 has similar compressive strength, but Ø3.25 fixture showed much higher value of strength on the thin wall area of the fixture.

- Do not use Torque Wrench.
- Max uniform strength of hex 50Ncm.
- Can not exceed 75Ncm.

[Compressive Strength]



[Wall Thickness]



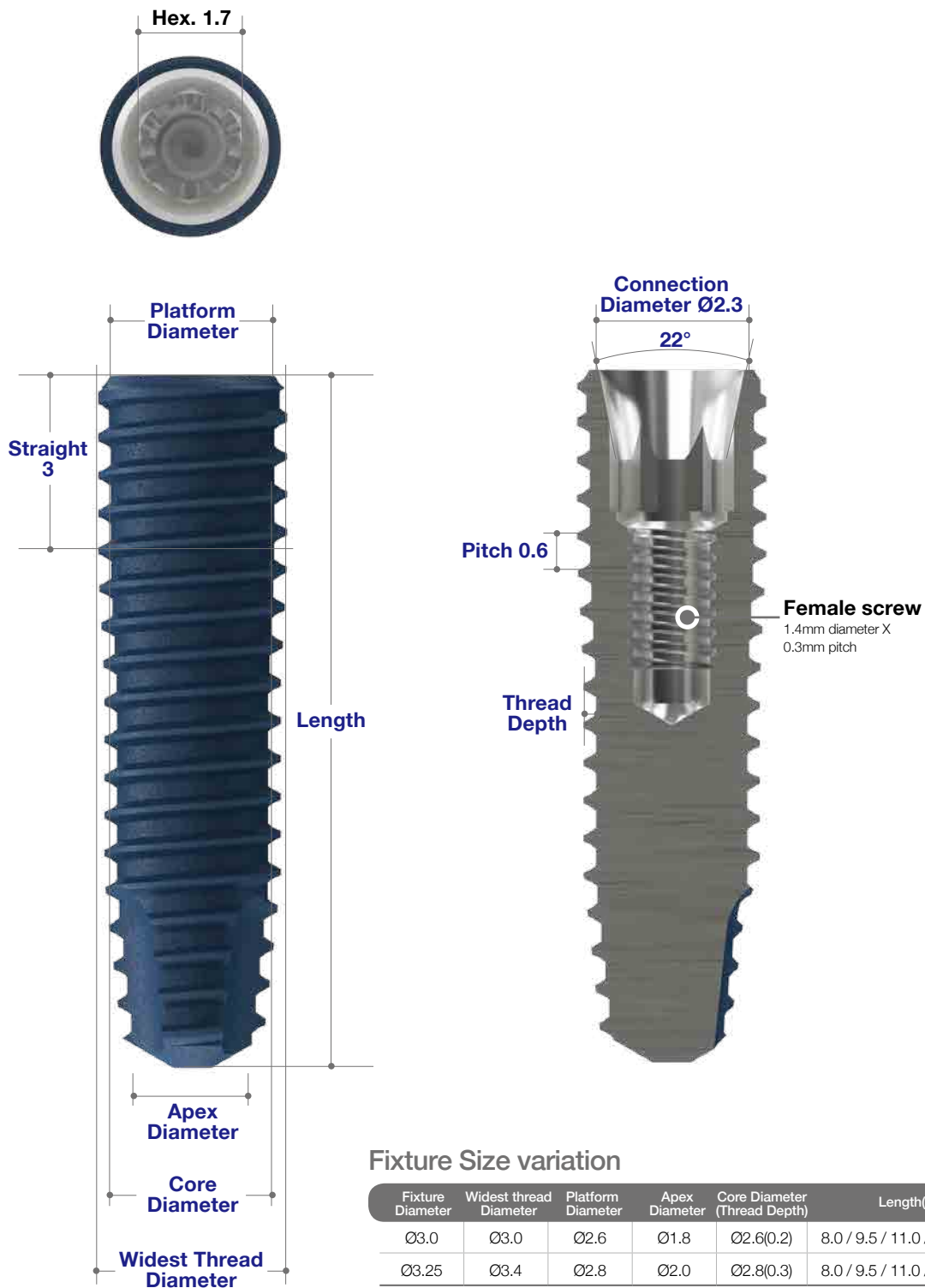
(unit : mm)

Parallel wall thickness	MiNi™ Ø3	MiNi™ Ø3.25	Company A Ø3
A	0.28	0.47	0.34
B	0.31	0.42	0.44

Mechanical test using universal testing machine in accordance with ISO 14801.  
-R&D center in MegaGen Implant Co.,Ltd.(2013)-

# Fixture / Cover Screw & Healing Abutment

## I. Fixture Dimension



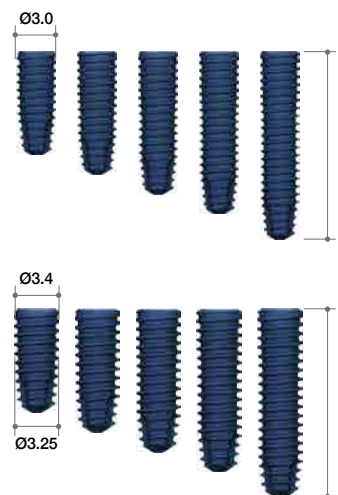
## II. Fixture Size & Cover Screw & Healing Abutment

### MiNi Fixture

- Cover Screw included

- Platform diameter of Ø3.0 fixture is 3.0mm.
- Platform diameter of Ø3.25 fixture is 3.4mm.

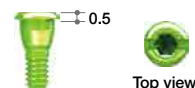
Diameter	Length(mm)	Ref.C
Ø3.0	8.5	MIIF3008C
	10.0	MIIF3010C
	11.5	MIIF3011C
	13.0	MIIF3013C
	15.0	MIIF3015C
Ø3.25	8.5	MIIF3308C
	10.0	MIIF3310C
	11.5	MIIF3311C
	13.0	MIIF3313C
	15.0	MIIF3315C



### Cover Screw

- Recommend torque : by hand (5 - 8Ncm).
- Only with finger force.

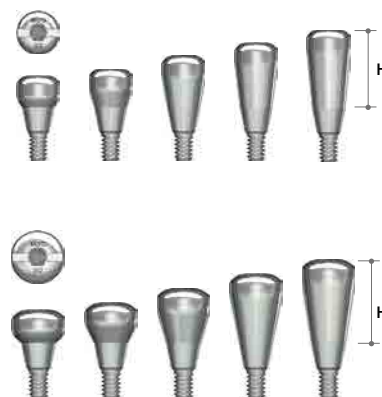
Height(mm)	Ref.C
0.5	MICS2505



### Healing Abutment

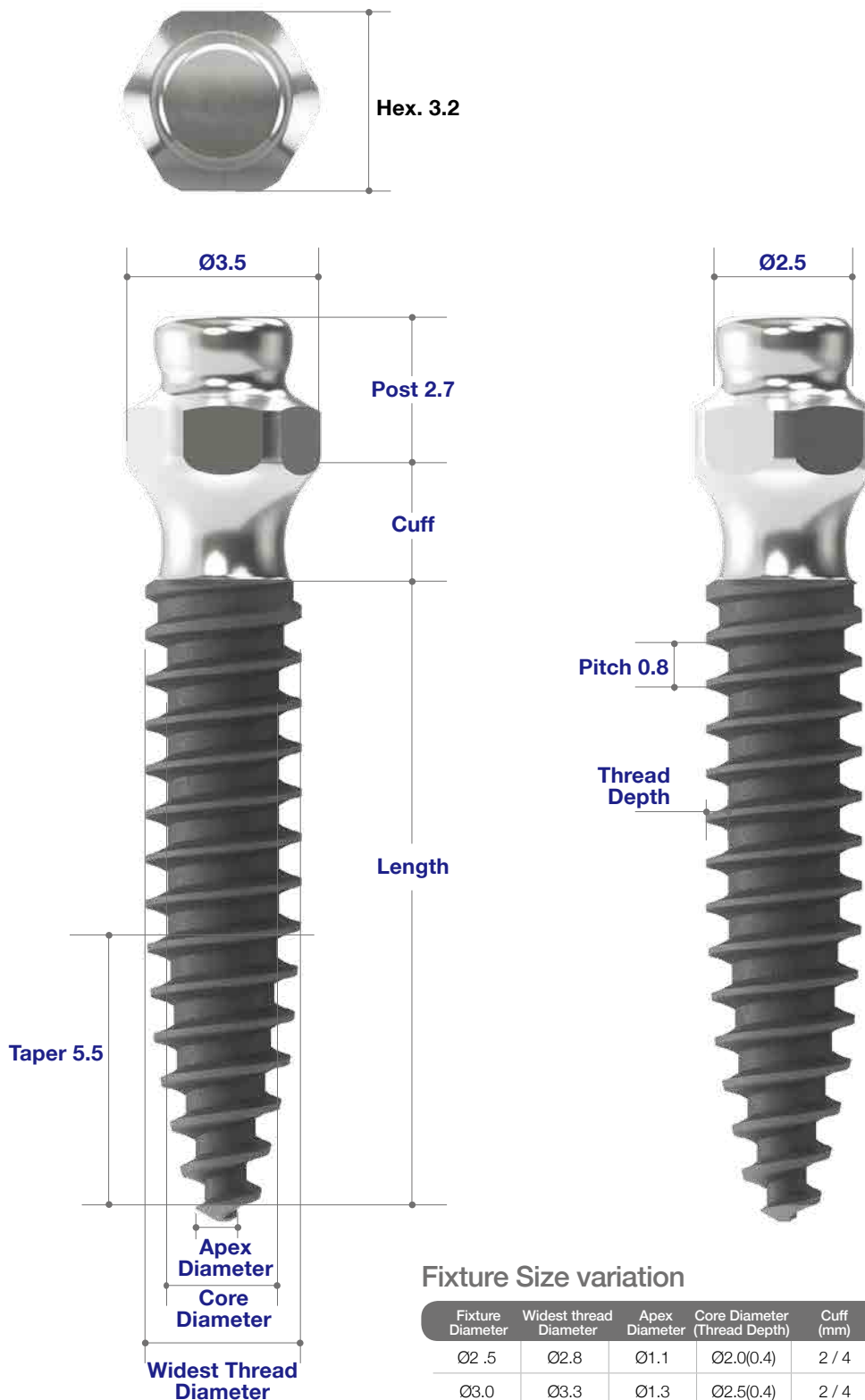
- Recommend torque : by hand (5 - 8Ncm).
- Only with finger force.

Profile Diameter	Height(mm)	Ref.C
Ø3.0	2.5	MIHA3025
	3.0	MIHA3030
	4.0	MIHA3040
	5.0	MIHA3050
	6.0	MIHA3060
	7.0	MIHA3070
	8.0	MIHA3080
	9.0	MIHA3090
Ø3.5	2.5	MIHA3525
	3.0	MIHA3530
	4.0	MIHA3540
	5.0	MIHA3550
	6.0	MIHA3560
	7.0	MIHA3570
	8.0	MIHA3580
	9.0	MIHA3590



# MiNi Overdenture

## I. Fixture Dimension



Fixture Size variation

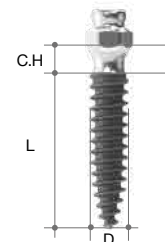
Fixture Diameter	Widest thread Diameter	Apex Diameter	Core Diameter (Thread Depth)	Cuff (mm)	Length(mm)
Ø2.5	Ø2.8	Ø1.1	Ø2.0(0.4)	2 / 4	8.5 / 10.0/ 11.5/ 13.0
Ø3.0	Ø3.3	Ø1.3	Ø2.5(0.4)	2 / 4	8.5 / 10.0/ 11.5/ 13.0
Ø3.5	Ø3.8	Ø1.8	Ø2.5(0.6)	2 / 4	8.5 / 10.0/ 11.5/ 13.0

# II. Fixture Size

## MiNi Overdenture Fixture

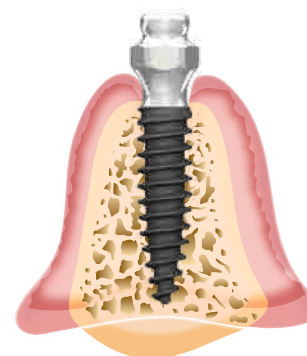
• 2.5 / 3.0 / 3.5mm of diameter and 2.0 / 4.0mm with 8.5 / 10.0 / 11.5 / 13.0mm in length, it is easy to use in any circumstance. (100% compatible with Rhein83)

Diameter	Cuff Height(mm)	Length(mm)	Ref.C
Ø2.5	2	8.5	OF25208
		10	OF25210
		11.5	OF25211
		13	OF25213
Ø2.5	4	8.5	OF25408
		10	OF25410
		11.5	OF25411
		13	OF25413
Ø3.0	2	8.5	OF30208
		10	OF30210
		11.5	OF30211
		13	OF30213
Ø3.0	4	8.5	OF30408
		10	OF30410
		11.5	OF30411
		13	OF30413
Ø3.5	2	8.5	OF35208
		10	OF35210
		11.5	OF35211
		13	OF35213
Ø3.5	4	8.5	OF35408
		10	OF35410
		11.5	OF35411
		13	OF35413



## ►► Product Concept

1. Fast osseointegration for thanks to our S-L-A surface treatment
2. Excellent for maxillary lateral incisor and mandible anterior
3. Easy-to-use, intuitive operation procedure
4. Excellent esthetical design
5. Minimize drilling sequence with 1-step insertion





## ➔ MiNi Overdenture Components

### Initial Drill

- Used to pierce the cortical bone initially.
- Advisable to go into the bone to the full length of a fixture.

Diameter	Length(mm)	Ref.C
Ø1.8	33	ID1818S
	38	*ID1818M
	43	*ID1818L

(\*) Separate sales item.



### Shaping Drill

- Each drill has depth marking lines from 7.0mm to 15.0mm.
- The dual marking system (grooves and laser markings) provides visual and radiographic depth verification during surgery.
- TiN coating on drills : Enhanced corrosion resistance and abrasion resistance.

Diameter	Length(mm)	Ref.C
Ø2.0	33	SD2018S
	38	SD2018M
	43	SD2018L
Ø2.5	33	SD2518S
	38	SD2518M
	43	SD2518L
Ø2.8	33	SD2818S
	38	SD2818M
	43	SD2818L

Ø2.0



Ø2.5



Ø2.8



### Handpiece Connector

Type	Ref.C
Short	OHCS



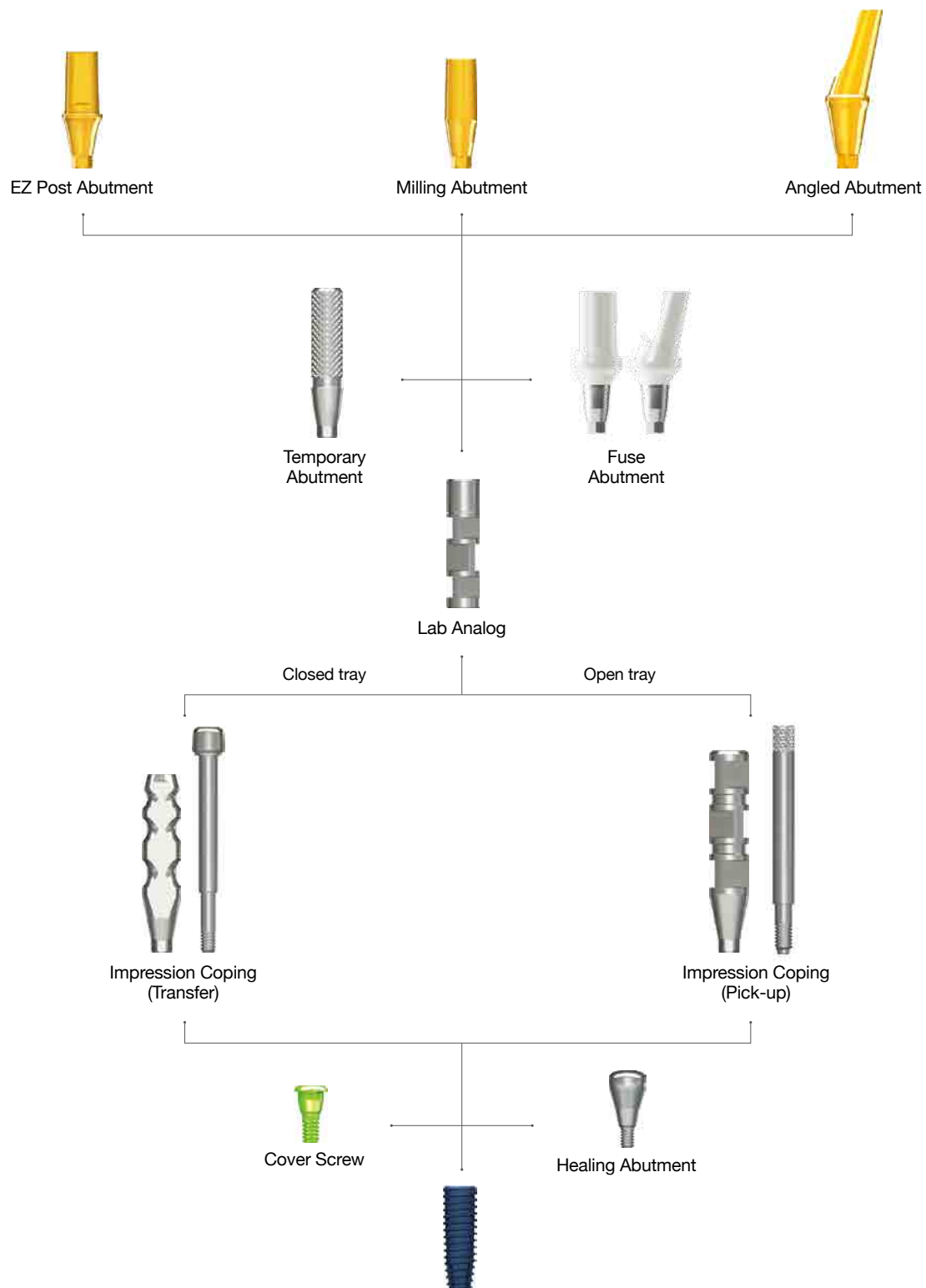
### Ratchet Connector

Type	Length(mm)	Ref.C
Short	12	ORCS



# Abutment & Prosthetic Options

## I. Fixture Level Prosthesis



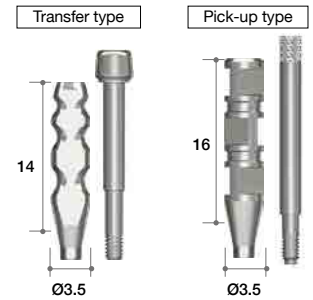
## ➔ Abutment Options & Components (Continued)

### Impression Coping

- Guide Pin included

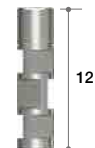
- Guide Pin (Transfer type - MIGPT12, MIGPT16  
Pick-up type - MIGPP12, MIGPP16)
- Transfer type : Should be tightened with  
Impression Driver (Page.271)  
Special Guide Pin  
which can be used with a 1.2mm  
hex driver is available on request.

Profile Diameter	Length (mm)	Type	Ref.C
Ø3.5	12	Transfer	MIIT3512HT
		Pick-up	MIP3512HT
	16	Transfer	MIIT3516HT
		Pick-up	MIP3516HT



### Lab Analog

Length(mm)	Ref.C
12	MILA300H

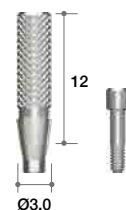


### Temporary Abutment

- Abutment Screw(MIAS14) included

- Recommend torque : 10 - 15Ncm

Profile Diameter	Length(mm)	Type	Ref.C
Ø3.0	12	Hex	MITA3012HT



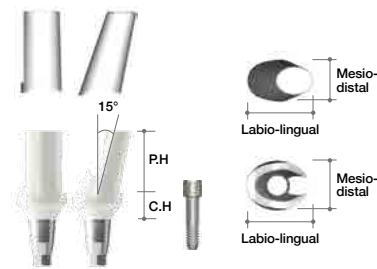
## ➔ Abutment Options & Components

### Fuse Abutment

- Abutment Screw(MIAS14) + Fuse Cap included
- Recommend torque : 10 - 15Ncm

Labio-lingual	Mesio-distal	C.H (mm)	P.H (mm)	Type	Ref.C
Ø5.0	Ø3.5	4.5	7.0	Straight	MFAP3545P
				Angled(15°)	MFAA3415P

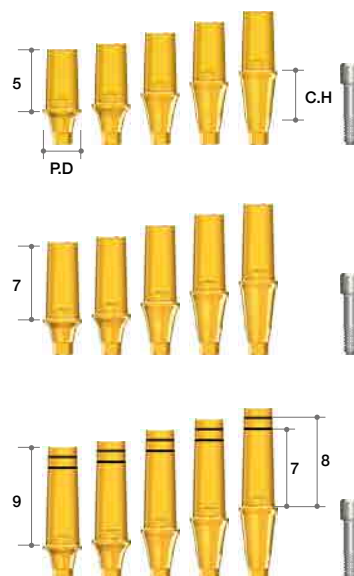
NEW : 4mm cuff height available  
 → Adequate for deeply placed implants or thick gingival cases



### EZ Post Abutment

- Abutment Screw(MIAS14) included
- Recommend torque : 15Ncm

Profile Diameter	Post Height(mm)	Cuff Height (mm)	Ref.C
Ø3.5	5.5	1.0	MIEP3505HT
		1.5	MIEP3515HT
		2.5	MIEP3525HT
		3.5	MIEP3535HT
		4.5	MIEP3545HT
	7.0	1.0	MIEP3507HT
		1.5	MIEP3517HT
		2.5	MIEP3527HT
		3.5	MIEP3537HT
		4.5	MIEP3547HT
9.0	1.0	MIEP3509HT	
	1.5	MIEP3519HT	
	2.5	MIEP3529HT	
	3.5	MIEP3539HT	
	4.5	MIEP3549HT	

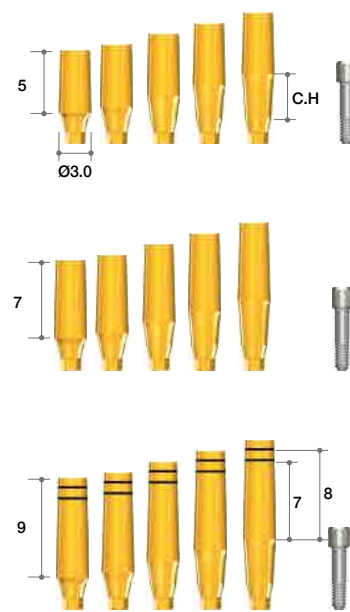


## Milling Abutment

- Abutment Screw(MIAS14) included

• Recommend torque : 15Ncm

Profile Diameter	Post Height(mm)	Cuff Height (mm)	Ref.C
Ø3.0	5.5	1.0	MIMA3005HT
		1.5	MIMA3015HT
		2.5	MIMA3025HT
		3.5	MIMA3035HT
		4.5	MIMA3045HT
	7.0	1.0	MIMA3007HT
		1.5	MIMA3017HT
		2.5	MIMA3027HT
		3.5	MIMA3037HT
		4.5	MIMA3047HT
	9.0	1.0	MIMA3009HT
		1.5	MIMA3019HT
		2.5	MIMA3029HT
		3.5	MIMA3039HT
		4.5	MIMA3049HT
Ø3.5	5.5	1.0	MIMA3505HT
		1.5	MIMA3515HT
		2.5	MIMA3525HT
		3.5	MIMA3535HT
		4.5	MIMA3545HT
	7.0	1.0	MIMA3507HT
		1.5	MIMA3517HT
		2.5	MIMA3527HT
		3.5	MIMA3537HT
		4.5	MIMA3547HT
	9.0	1.0	MIMA3509HT
		1.5	MIMA3519HT
		2.5	MIMA3529HT
		3.5	MIMA3539HT
		4.5	MIMA3549HT

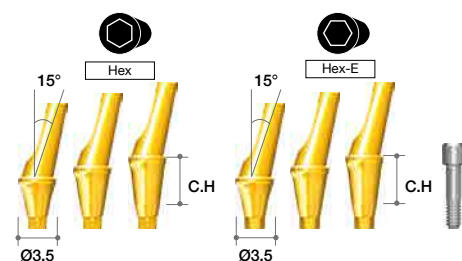


## Angled Abutment

- Abutment Screw(MIAS14) included

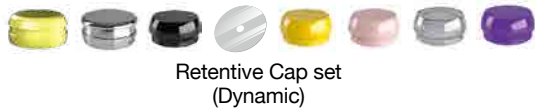
• Recommend torque : 15Ncm

Profile Diameter	C.H (mm)	P.H (mm)	Type	Angle	Ref.C
Ø3.5	2.5	9.2	Hex	15°	MIAA3215HT
	3.5				MIAA3315HT
	4.5				MIAA3415HT
	2.5		Hex-E		MIAA3215ET
	3.5				MIAA3315ET
	4.5				MIAA3415ET



## II. Overdenture Prosthesis

# 1. Meg-Rhein Components



Retentive Cap set  
(Dynamic)



Retentive Cap set



Lab Analog



Impression Coping



Meg-Rhein Abutment



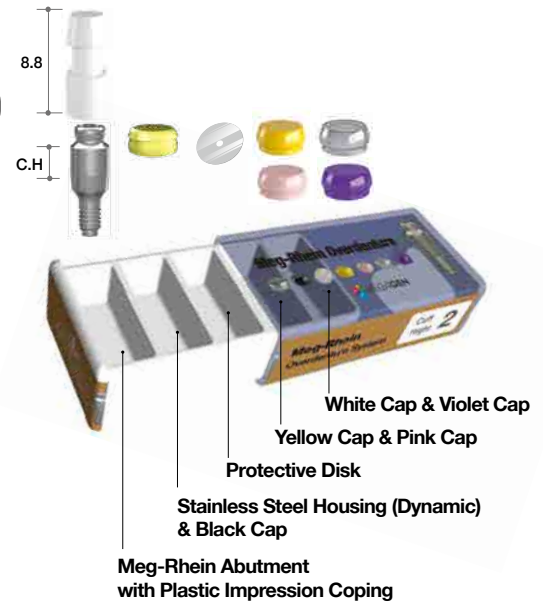
## ➔ Meg-Rhein Overdenture System

### Meg-Rhein Overdenture System (Dynamic)

- 1 Meg-Rhein Abutment
- 1 Plastic Impression Coping
- 1 Stainless Steel Housing (Dynamic) & Black-Lab
- 1 Protective Disk
- 4 Retentive Caps  
(Yellow-0.6kgf, Pink-1.2kgf, White-1.8kgf, Violet-2.7kgf)

- Perfect compatibility with the Rhein83 from Italy.
- Recommend torque : 15Ncm.

Cuff Height (mm)	Ref.C
0	MDR00PA
1.0	MDR01PA
2.0	MDR02PA
3.0	MDR03PA
4.0	MDR04PA
5.0	MDR05PA
6.0	MDR06PA



### Meg-Rhein Overdenture System

- 1 Meg-Rhein Abutment
- 1 Plastic Impression Coping
- 1 Stainless Steel Housing
- 1 Protective Disk
- 5 Retentive Caps  
(Black-Lab, Yellow-0.6kgf, Pink-1.2kgf, White-1.8kgf, Violet-2.7kgf)


- Perfect compatibility with the Rhein83 from Italy.
- Recommend torque : 15Ncm.

Cuff Height (mm)	Ref.C
0	MDR00P
1.0	MDR01P
2.0	MDR02P
3.0	MDR03P
4.0	MDR04P
5.0	MDR05P
6.0	MDR06P



## ►► Overdenture System

### Advantages

Small & Easy-to-Use Housing System 

Tilting Angle

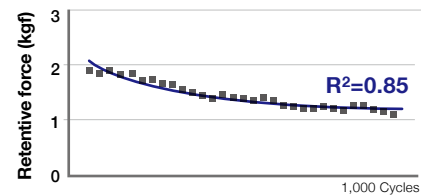
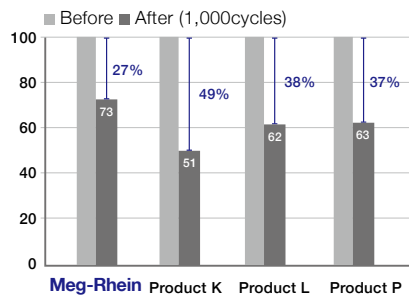
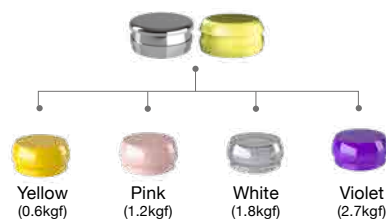
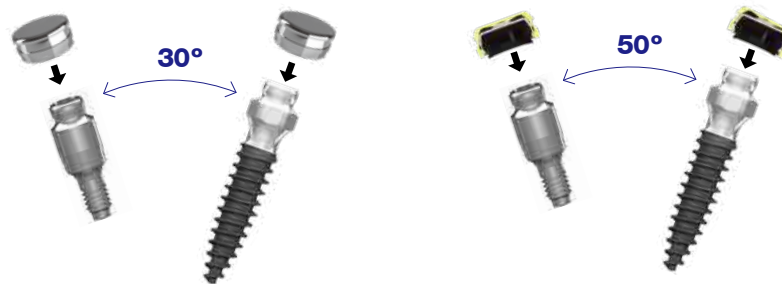
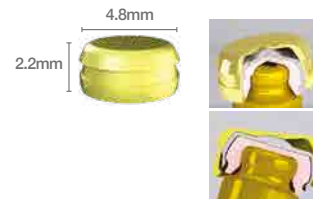
Various Retentive Caps of the Meg-Rhein

Low Reduction Rate & Uniform Variance of Retentive Force

Normal



Dynamic



$R^2$ (Coefficient of determination) becomes more reliable when it is close to "1".



## ➔ Components for Meg-Rhein Abutment

### Stainless Steel Housing

- 5ea/pack

Ref.C

MHP



### Stainless Steel Housing

(Dynamic)

- 5ea/pack

Ref.C

THP



### Retentive Caps (White)

- White cap(1.8kg) - For refill (5ea/pack).
- Can be used for more retentive force following pink cap(1.2kg).

Ref.C

RCWP



### Retentive Caps (Violet)

- Violet cap(2.7kg) - For refill (5ea/pack).
- Can be used for more retentive force following white cap(1.8kgf).

Ref.C

RCVP



### Retentive Caps (Pink)

- Pink cap(1.2kgf) - For refill (5ea/pack).

Ref.C
RCPP



### Retentive Caps (Yellow)

- Yellow cap(0.6kgf) - For refill (5ea/pack).

Ref.C
RCYP



### Retentive Caps (Black)

- For laboratory

Ref.C
RCBP



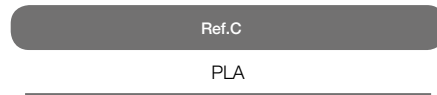
### Stainless Impression Coping (Pick-Up)

- 2ea/pack.
- Italy - Rhein 83 products.
- For accurate (pick-up type) impression.
- Metal with groove design to prevent from swaying.

Ref.C
044CAIN

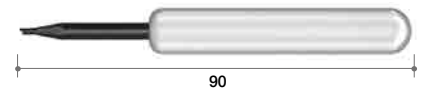
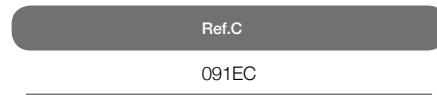


### Lab Analog



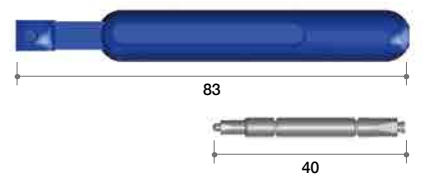
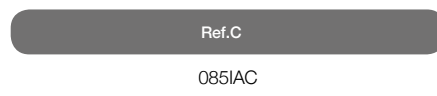
### Retentive Cap Removal Tool

- Retentive Cap removal tool.



### Retentive Cap Insertion Tool

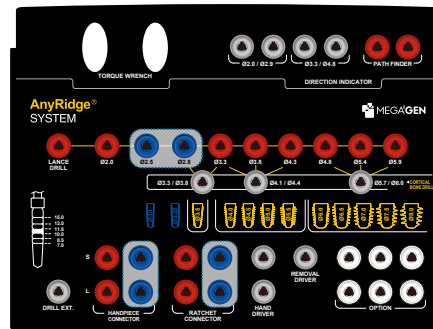
- Retentive Cap insertion tool.



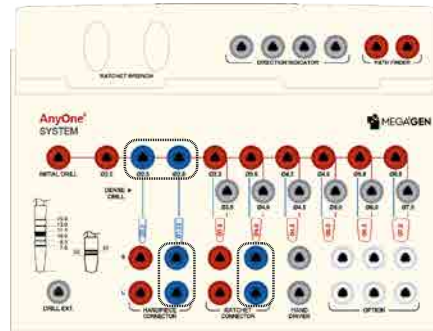
# Mini™ Kit

The instruments of Mini Internal system are included in AnyRidge & AnyOne surgical kit.

※ Even the customers who do not use AnyRidge & AnyOne Internal System can experience Mini System at any time by purchasing only six instruments separately.



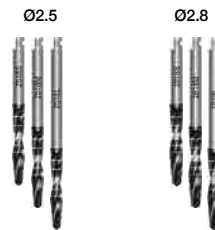
AnyRidge Surgical Kit (KARIN3003)



AnyOne Surgical Kit (KAOIN3003)

## Shaping Drill

Diameter	Length(mm)	Ref.C
Ø2.5	33	SD2518S
	38	*SD2518M
	43	*SD2518L
Ø2.8	33	SD2818S
	38	*SD2818M
	43	*SD2818L



(\*) Separate sales item.

## Handpiece Connector

Type	Ref.C
Short	HCS17
Long	HCL17



## Ratchet Connector

Type	Ref.C
Short	RCS17
Long	RCL17



## Handpiece Connector

• Can use Overdenture Fixture

Type	Ref.C
Short	OHCS



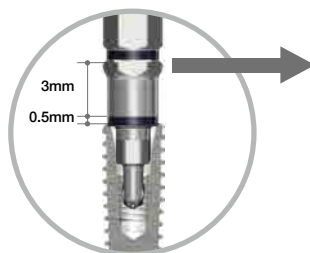
## Ratchet Connector

• Can use Overdenture Fixture

Type	Length (mm)	Ref.C
Short	12	ORCS

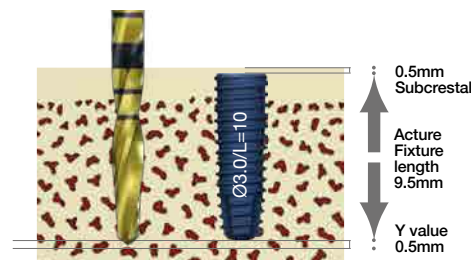
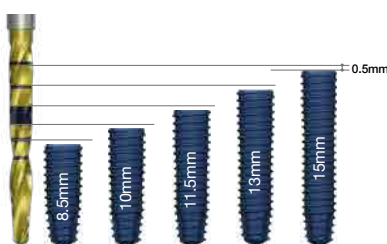


### 9.5 fixture length and drilling marking



The platform line of the Handpiece Connector or the Ratchet Connector must be flush with the fixture platform.

⚠ When using the Ratchet Wrench, do not use an excessive torque as it can damage the internal structure of the fixtures. It is not recommended to exceed the maximum torque of 75N-cm.



The actual lengths of MINI™ internal fixtures are 0.5mm shorter than the depth markings of a Shaping Drill. Therefore, the fixture will be placed 0.5mm under the crest automatically.

Actual drilling depth 10.5mm = 0.5mm subcrestal + 9.5mm actual fixture length + 0.5mm Y value  
 \* Fixture Ø3.0 (Y value = 0.5mm), Ø3.25 (Y value = 0.6mm)

## ➡ Surgical drilling sequence

Initial Drill
Ø2.0
Ø2.5

Initial Drill
Ø2.0
Ø2.5
Ø2.8

Actual drilling depth 10.5mm = 0.5mm subcrestal + 9.5mm actual fixture length + 0.5mm Y value

Actual drilling depth 10.6mm = 0.5mm subcrestal + 9.5mm actual fixture length + 0.6mm Y value

# R2GATE Universal Kit

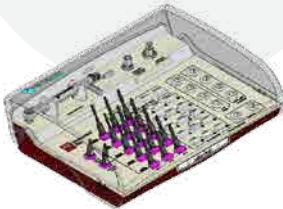
Maximize the cost-effectiveness & efficiency.

Ref.C  
KAGUN3000

When you want to do R2GATE surgery with R2GATE Guide™, Please inform us your favorite implant system

Make your own R2GATE Surgical Kit with your favorite implant system. R2GATE Universal kit consists of basic drilling set which can be used for any implant system. You can add system options as “Implant Carrier”, “Cortical Bone Drill”, “Tap Drill” to your favorite implant system. The specification of final drills will be decided with treatment planning and delivered to you with R2GATE Guide™ will be from the R2GATE Design Center.

**Universal Kit**  
Consisted of basic drilling set which can be used for any implant system



**Customized instrument for various implant system**

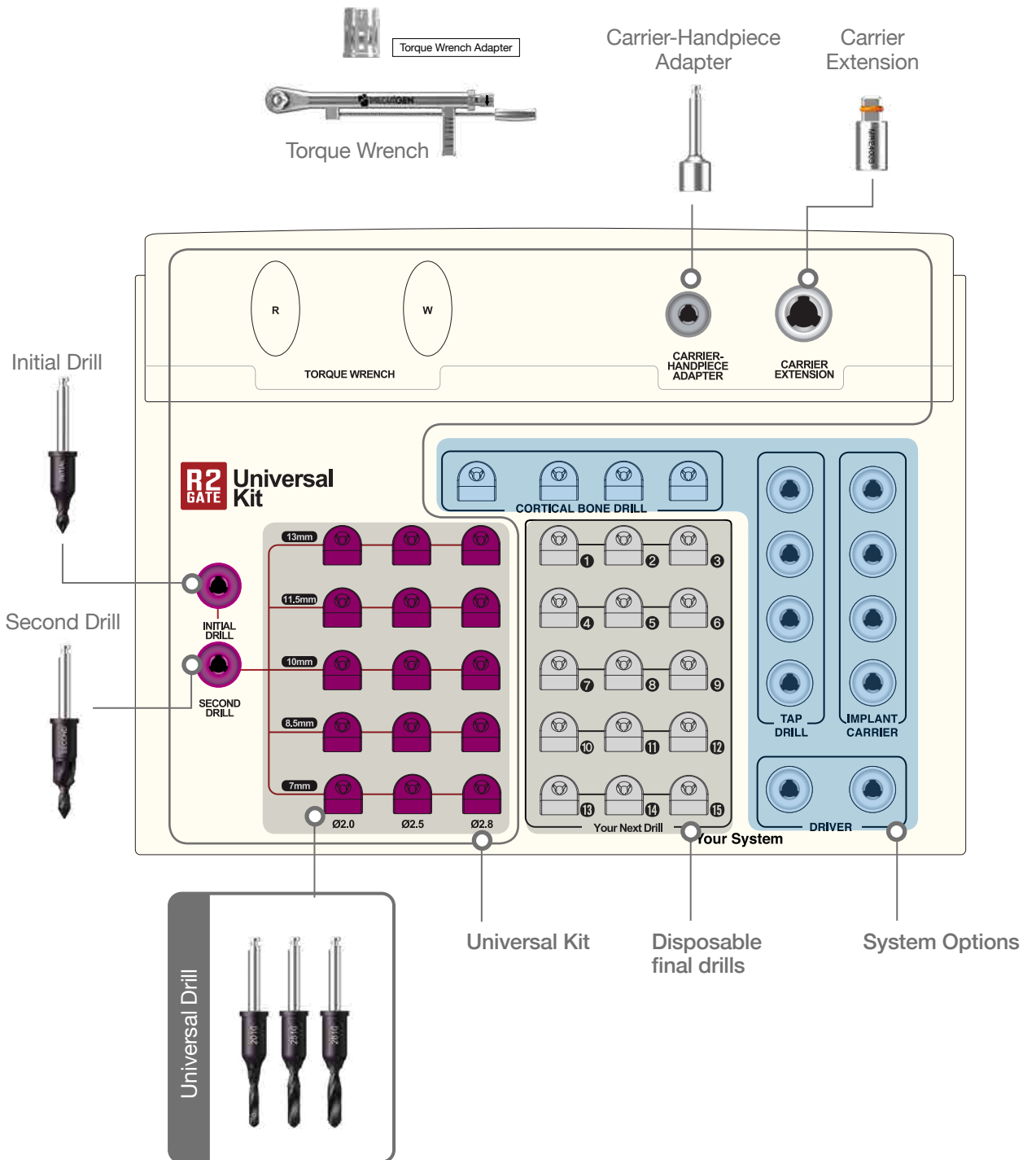
AryRidge / AryRidge Octa 1 / AnyOne Mini / ST BoneLevel(Straumann) / Nobel Active(Nobel Biocare) / SuperLine(Dentium) / TSIII(Osstem)  
(Available system can be varied by country due to registration process)



**Intermediate & final drill will be delivered with R2GATE Guide™**

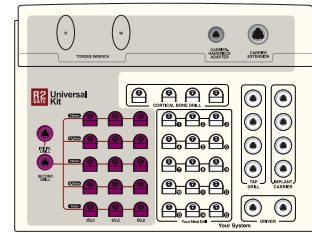


# ➔ R2GATE Universal Kit



## ➔ Drills & Components for R2GATE Universal Kit

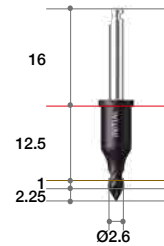
Basic drilling set for any implant system. It consists of initial drill, 2nd drill, universal drills and essential tools.



### Initial Drill

- Use the initial drill in order to mark the drilling position on the bone. Start drilling slowly, when drill guide part is fully contacted with drilling core of R2GATE Guide™.
- Recommended drilling speed range is 300 ~ 800 RPM with copious irrigation.

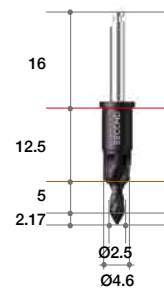
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø2.6	Ø5.0	1.0	R2ID2601



### Second Drill

- This unique step-drill(from ø2.0 to ø4.6) is used to flare out the upper cortical bone of the osteotomy.
- It helps not only the rest drilling procedure but abutment connection. In case of hard bone, if the 2nd drilling will be disturbed by thick cortical bone. Stop the drilling and try it after final drilling procedure.

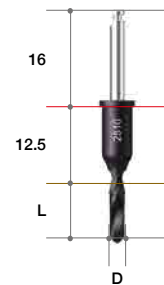
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø2.5	Ø5.0	5.0	R2SD2505



### Stopper Drill

- Universal drills consist of ø2.0, ø2.5, ø2.8 diameter to enlarge the osteotomy gradually.
- The length of drill are designed as 7.0, 8.5, 10, 11.5, 13mm for most common length of implant system.
- Recommended drilling speed range is 500 ~ 800 RPM with copious irrigation.

Diameter	Guide Diameter	Length(mm)	Ref.C
Ø2.0	Ø5.0	6.5	R2SD2007
		8.0	R2SD2008
		9.5	R2SD2010
		11.0	R2SD2011
		12.5	R2SD2013
Ø2.5	Ø5.0	6.5	R2SD2507
		8.0	R2SD2508
		9.5	R2SD2510
		11.0	R2SD2511
		12.5	R2SD2513
Ø2.8	Ø5.0	6.5	R2SD2807
		8.0	R2SD2808
		9.5	R2SD2810
		11.0	R2SD2811
		12.5	R2SD2813



### Carrier-Handpiece Adapter

- Useful to use the handpiece for the implant placement following initial delivery of a fixture with a fixture carrier ratchet type.

Square	Ref.C
4.0	AGHA



### Carrier Extension

- To extend the length of implant carrier.

Square	Ref.C
4.0	MRE400S





## Torque Wrench & Adapter

- Torque Wrench has torque options from 15Ncm to 45Ncm and is used for the placement of an implant and final tightening of the Abutment Screw.

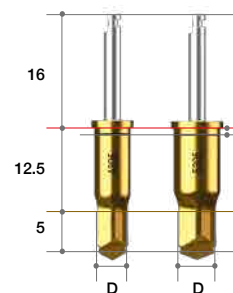
Type	Ref.C
Torque Wrench	TW70
Torque Wrench Adapter(Ratchet)	TTAR100



## Cortical Bone Drill[AR]

- Recommended drilling speed : 300 ~ 800 RPM

Diameter	Guide Diameter	Length(mm)	Ref.C
Ø3.4	Ø5.0	5.0	R2CD3405
Ø3.8			R2CD3805
Ø4.3			R2CD4305
Ø4.8			R2CD4805
Ø5.3	Ø6.5	5.0	R2CD5305
Ø5.8			R2CD5805
Ø6.3			R2CD6305

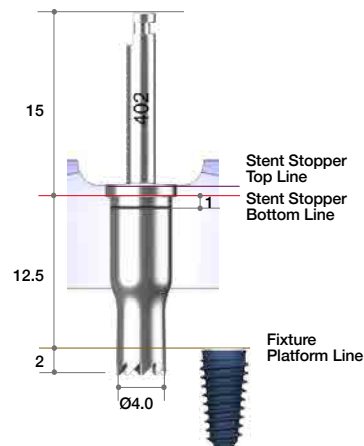
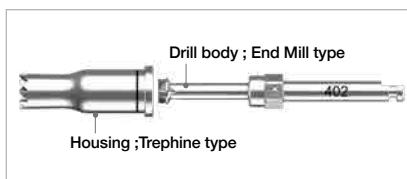


## Optional Instrument

### Narrow Crest Drill

- It is used when fixture will be slantly implanted or to flat the sloped bone surface of narrow ridge to prevent any slips during drilling.
- Design as 2-piece: drill body and housing
- Can be disassembled. Easy to clean and remove bone chips
- Can harvest autogenous bone if it is used after soft tissue

Diameter	Guide Diameter	Length(mm)	Ref.C
Ø4.0	Ø5.0	15.5(12.5/2)	NCD402



1 Set the site by drilling counter-clockwise with low speed ( $\leq 100\text{rpm}$ )



2 Start drilling clockwise (400~600rpm)



3 Bone is now flat. Perform drilling with proper drilling sequence.



4 Disassemble body and housing after drilling to remove bone chip. Clean and sterilize after every usage.

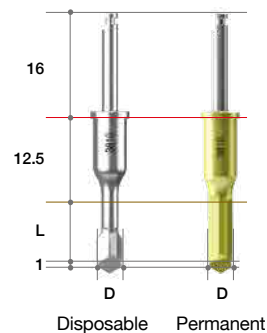
## ➔ Final Drill Option [Disposable or Permanent]

### Stopper Drill[Straight]

For all implant system

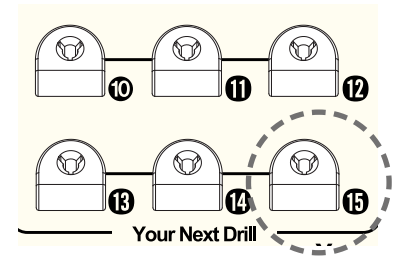
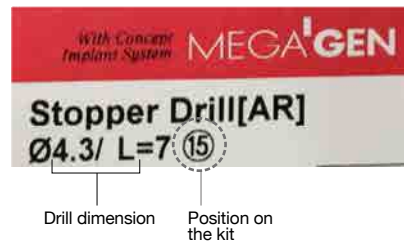
- Common use
- Step back type drilling
- Provided from local R2GATE Design Center to users. The size of disposable drills are decided depend size on treatment planning regarding to fixture size and bone density of patient.
- Recommended drilling speed is 300 ~ 800 RPM.
- Final drill.
- The base is disposable and can be made for permanent under your order

Diameter	Guide Diameter	Length(mm)	Permanent Ref.C	Disposal Ref.C
Ø3.4		7.0	R2PS3407	R2DS3407
		8.0	R2PS3408	R2DS3408
		9.0	R2PS3409	R2DS3409
		10.0	R2PS3410	R2DS3410
		11.0	R2PS3411	R2DS3411
		12.0	R2PS3412	R2DS3412
Ø3.8	Ø5.0	13.0	R2PS3413	R2DS3413
		7.0	R2PS3807	R2DS3807
		8.0	R2PS3808	R2DS3808
		9.0	R2PS3809	R2DS3809
		10.0	R2PS3810	R2DS3810
		11.0	R2PS3811	R2DS3811
Ø4.3		12.0	R2PS3812	R2DS3812
		13.0	R2PS3813	R2DS3813
		7.0	R2PS4307	R2DS4307
		8.0	R2PS4308	R2DS4308
		9.0	R2PS4309	R2DS4309
		10.0	R2PS4310	R2DS4310
Ø4.8		11.0	R2PS4311	R2DS4311
		12.0	R2PS4312	R2DS4312
		13.0	R2PS4313	R2DS4313
		7.0	R2PS4807	R2DS4807
		8.0	R2PS4808	R2DS4808
		9.0	R2PS4809	R2DS4809
Ø5.3	Ø6.5	10.0	R2PS4810	R2DS4810
		11.0	R2PS4811	R2DS4811
		12.0	R2PS4812	R2DS4812
		13.0	R2PS4813	R2DS4813
		7.0	R2PS5307	R2DS5307
		8.0	R2PS5308	R2DS5308
Ø5.8		9.0	R2PS5309	R2DS5309
		10.0	R2PS5310	R2DS5310
		11.0	R2PS5311	R2DS5311
		12.0	R2PS5312	R2DS5312
		13.0	R2PS5313	R2DS5313
		7.0	R2PS5807	R2DS5807
Ø5.8		8.0	R2PS5808	R2DS5808
		9.0	R2PS5809	R2DS5809
		10.0	R2PS5810	R2DS5810
		11.0	R2PS5811	R2DS5811
		12.0	R2PS5812	R2DS5812
		13/0	R2PS5813	R2DS5813



## Drill position on the kit

- Every disposable drills have the numbering system to clarify it's own position on the universal kit.
- Check the drill size and position number, then install it to the right position.



## Sterilized package

- All disposable drills are packaged at clean room and sterilized by "Gamma-ray".
- Check the "Sterilized" seal on the package and open it at the operation site before surgery.



# Digital Material

## I. ZrGEN®

ZrGEN® is the brand name of MegaGen Titanium Base. ZrGEN provides an aesthetic outcome and simplified dental implant prosthesis. A ZrGEN® crown and monolithic crown connected to a ZrGEN® Abutment provide strong and precise connection with the implant fixture.

### Variety of ZrGEN®



### ZrGEN® Sub Structure



### ZrGEN®

The strength of ZrGEN® frees you from the chipping of conventional PFM prosthesis. Monolithic zirconia crowns have no metal substructure, ensuring more aesthetic results. ZrGEN® crown and bridge are a superior substitutes for all conventional dental materials.



### Clinical Application



## II. TiGEN®

TiGEN® is the brand name of MegaGen Titanium customized abutment. It promises outstanding durability and simplified dental implant prosthesis. Ready-made connection part provides a strong and precise connection with the implant fixture.

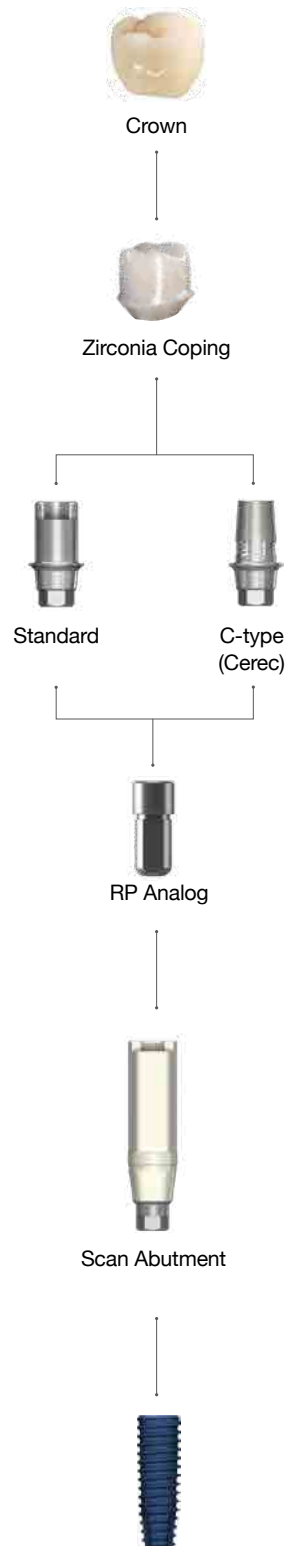


## ➔ ZrGEN® Prosthesis



### ZrGEN® Abutment

ZrGEN® Abutment provides a strong and precise connection with the implant fixture. With Zirconia® coping, crown margins can be placed supragingivally since zirconia material matches with the color of natural teeth. Residual cement problems are no longer an issue.



## ➔ Scan Abutment Option

### Scan Abutment

- Abutment Screw included.
- . AnyRidge (AANMSF)
- . AnyRidge Octa 1 (AROAS16B/ AROAS16)
- . AnyOne Internal (AS20)
- . AnyOne Exeternal (SCS160/ RCS200)
- . AnyOne OneStage (EXIMS100)
- . MiNi (MIAS14)
- . ST (OSGSAS3110/ OSGSAS3210)
- . Octa Level (IRCS200)
- . Multi-unit Abutment (MUAS)

- For Chairs/ Labside
- Included spare Abutment Screw
- Supporting Dental CAD
  - 3 Shape
  - Exocad
  - Dental Wings

System	Profile Diameter	Length (mm)	Type	Ref.C
AnyRidge	Ø4.0	9	-	AANISR4009T
		13	-	AANISR4013T
AnyRidge Octa 1	Ø4.0	13	NC	AROSANT
			RC	AROSART
AnyOne Internal	Ø4.0	9	-	AAOISR4009T
		13	-	AAOISR4013T
AnyOne External	Ø4.0	9	Small	AEXESS4009T
			Regular	AEXESR4009T
		13	Regular	AEXESR4013T
AnyOne OneStage	Ø4.0	13	Cuff 1.8	AEXISR4010T
MiNi	3.5	9	-	MISS3509T
		13	-	MISS3513T
ST	Ø4.0	9	Small	OSGSSC3110T
			Regular	OSGSSC3111T
		13	Small	OSGSSC3210T
			Regular	OSGSSC3211T
Octa Level	Ø4.0	11	-	AOCESC4011T
MUA Level (N-Type)	Ø4.0	13	-	AMUASR4013T

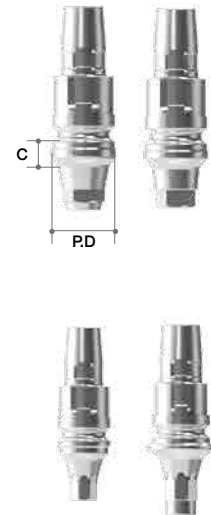


### Scan Abutmet (C-type)

- Abutment Screw included.
- . AnyRidge (AANMSF)
- . AnyOne (AS20)
- . AnyRidge Octa 1 (AROAS16B/ AROAS16)

- Scan Post for Sirona Cerec users → CEREC
- In in Lab CAD Software, compatible with
- Xive Library

System	Profile Diameter	Cuff Height	Post Size	Ref.C
AnyRidge	Ø3.9	0.5	Small	ARICSS3405T
		1		ARICSS3410T
		2		ARICSS3420T
	Ø4.3	0.5	Small	ARICSS3805T
		1		ARICSS3810T
		2		ARICSS3820T
Ø5.5	0.5	Large	ARICSL4505T	
	1		ARICSL4510T	
	2		ARICSL4520T	
AnyRidge Octa 1	Ø3.9	0.5	Small	AROCSS3405NT
		1		AROCSS3410NT
		2		AROCSS3420NT
	Ø4.3	0.5	Small	AROCSS3805NT
		1		AROCSS3810NT
		2		AROCSS3820NT
	Ø3.9	0.5	Small	AROCSS3405RT
		1		AROCSS3410RT
		2		AROCSS3420RT
	Ø4.3	0.5	Small	AROCSS3805RT
		1		AROCSS3810RT
		2		AROCSS3820RT
Ø5.5	0.5	Large	AROCSS4505RT	
	1		AROCSS4510RT	
	2		AROCSS4520RT	
AnyOne	Ø3.9	0.5	Small	AOICSS3405T
		1		AOICSS3410T
		2		AOICSS3420T
	Ø4.3	0.5	Small	AOICSS3805T
		1		AOICSS3810T
		2		AOICSS3820T
	Ø5.5	0.5	Large	AOICSL4505T
		1		AOICSL4510T
		2		AOICSL4520T



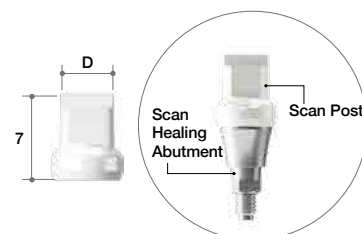
## Scan Healing Abutment & Scan Post

- Abutment Screw included.
- AnyRidge (ARIHS1804/ARIHS1805/ARIHS1807)
- AnyOne (AOIHS2004/AOIHS2005/AOIHS2007)
- AnyRidge Octa 1 (AROHS1604/AROHS1605/ AROHS1607)

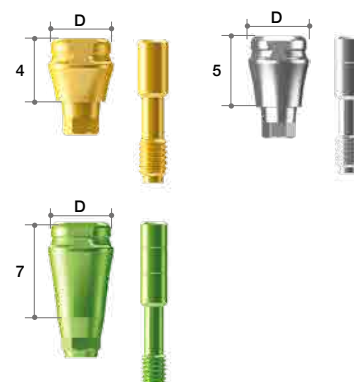
- Can get scan data without removing Scan Healing Abutment from Scan Post
- Different colors depend on the cuff size
- Scan healing abutment should be exposed 2.0mm on the surgical site for accurate scanning

- Scan Healing Abutment should be exposed 2.0mm from the surgical site for accurate scanning. Scanning would be much easier if you connect Scan Post when scanning seems difficult due to less exposure of Scan Healing Abutment or other conditions.
- Select Scan Post based on the diameter of Scan Healing Abutment
- Scan Post is a disposable product and sold separately in batch of 10EA. for each package

System	Profile Diameter	Scan Post	Height (mm)	Ref.C
AnyRidge	Ø4.0	SP4007.MTN	4	ARISH4004T
			5	ARISH4005T
			7	ARISH4007T
	Ø5.0	SP5007.MTN	4	ARISH5004T
			5	ARISH5005T
			7	ARISH5007T
	Ø6.0	SP6007.MTN	4	ARISH6004T
			5	ARISH6005T
			7	ARISH6007T
	Ø7.0	SP7007.MTN	4	ARISH7004T
			5	ARISH7005T
			7	ARISH7007T
Ø5.0 (Extra type)	SP5007.MTN	4	ARNSH5004T	
		5	ARNSH5005T	
		7	ARNSH5007T	
Ø6.0 (Extra type)	SP6007.MTN	4	ARNSH6004T	
		5	ARNSH6005T	
		7	ARNSH6007T	
AnyRidge Octa 1	Ø4.0	SP4007.MTN	4	AROISHN4004T
			5	AROISHN4005T
			7	AROISHN4007T
	Ø5.0	SP5007.MTN	4	AROISHN5004T
			5	AROISHN5005T
			7	AROISHN5007T
	Ø4.0	SP4007.MTN	4	AROISHR4004T
			5	AROISHR4005T
			7	AROISHR4007T
	Ø5.0	SP5007.MTN	4	AROISHR5004T
			5	AROISHR5005T
			7	AROISHR5007T
Ø6.0	SP6007.MTN	4	AROISHR6004T	
		5	AROISHR6005T	
		7	AROISHR6007T	
Ø7.0	SP7007.MTN	4	AROISHR7004T	
		5	AROISHR7005T	
		7	AROISHR7007T	
AnyOne	Ø4.0	SP4007.MTN	4	AOISH4004T
			5	AOISH4005T
			7	AOISH4007T
	Ø4.5	SP5007.MTN	4	AOISH4504T
			5	AOISH4505T
			7	AOISH4507T
	Ø5.5	SP6007.MTN	4	AOISH5504T
			5	AOISH5505T
			7	AOISH5507T
	Ø6.5	SP7007.MTN	4	AOISH6504T
			5	AOISH6505T
			7	AOISH6507T



\* If Scan Healing Abutment is exposed more than 2.5mm, it may destabilize a fixture and results in fixture failure.



## Scan Post Carrier

System	Length	Ref.C
Common	19	SPC16



## ➔ RP Analog Option

### RP Analog

- For Chairside/ Labside
- Included spare Abutment Screw
- Supporting Dental CAD
  - 3 Shape
  - Exocad

System	Profile Diameter	Length (mm)	Type	Ref.C
AnyRidge	Ø4.0	9	-	CANIAR4009
AnyRidge Octa 1	Ø3.3	10	NC	AROLAN
	Ø4.1		RC	AROLAR
AnyOne Internal	Ø4.0	9	Only Ø3.5	CAOIAS3509
			-	CAOJAR4009
AnyOne External	Ø3.5	9	Small	CEXEAS3509
	Ø4.1		Regular	CEXEAR4109
	Ø5.0		Wide	CEXEA5009
AnyOne OneStage	Ø4.8	9	Cuff 1.8	OSRA18
Mini	Ø3.0	9	-	CMIAN3009
ST	Ø3.7	9	Small	OSRA3709
	Ø4.3		Regular	OSRA4309
Octa Level	Ø3.8	9	Small	OCTARA4
	Ø4.8		Regular	OCTARA5
	Ø5.8		Wide	OCTARA6
MUA Level (N-Type)	Ø4.8	9	-	MUALA





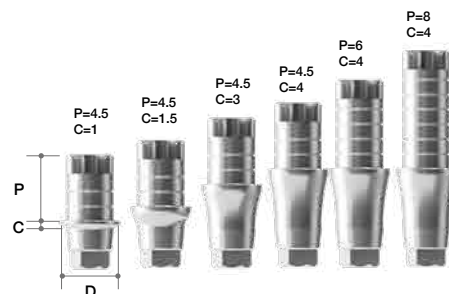
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# ZrGEN Abutment Option

## ZrGEN Abutment

- Abutment Screw included.
- . AnyRidge (AANMSF)
- . AnyOne Internal (AS20)
- . AnyOne Exeternal(SCS160/ RCS200)
- . AnyOne Stage (
- . MiNi (MIAZ1410)
- . ST(OSGSAS3110/OSGSAS3210)
- . Octa Level(IRCS200)
- . AnyRidge Octa 1(AROAS16B/ AROAS16)

- Titanium Base
- 1Set(=Abutment 10ea)
- included spare Abutment Screw
- MiNi ZrGEN has special ZrGEN Screw
- Supporting DentalCAD
- 3 Shape
- Exocad
- Dental Wing
- Different groove number depend on the post size
- P=4.5 ▶ groove number : 2ea
- P=5 ▶ groove number : 3ea
- P=6 ▶ groove number : 4ea
- P=8 ▶ groove number : 6ea



### Standard

System	Diameter	Cuff Height	Post Height	Type	Ref.C			
AnyRidge	Ø4.0	0.6	4.5	Hex	AANIPR4015.MTN			
			6		AANIPR4016.MTN			
			8		AANIPR4018.MTN			
		1.5	4.5		AANIPR4025.MTN			
			6		AANIPR4026.MTN			
			8		AANIPR4028.MTN			
		3.0	4.5		AANIPR4035.MTN			
			6		AANIPR4036.MTN			
			8		AANIPR4038.MTN			
		4.0	4.5		AANIPR4045.MTN			
			6		AANIPR4046.MTN			
			8		AANIPR4048.MTN			
		Non-Hex	0.6	4.5	AANIPR4015N.MTN			
				6	AANIPR4016N.MTN			
				8	AANIPR4018N.MTN			
			1.5	4.5	AANIPR4025N.MTN			
				6	AANIPR4026N.MTN			
				8	AANIPR4028N.MTN			
			3.0	4.5	AANIPR4035N.MTN			
				6	AANIPR4036N.MTN			
				8	AANIPR4038N.MTN			
			4.0	4.5	AANIPR4045N.MTN			
				6	AANIPR4046N.MTN			
				8	AANIPR4048N.MTN			
	Ø4.5	Hex	0.6	4.5	AANIPR4515.MTN			
				6	AANIPR4516.MTN			
				8	AANIPR4518.MTN			
			1.5	4.5	AANIPR4525.MTN			
				6	AANIPR4526.MTN			
				8	AANIPR4528.MTN			
			3.0	4.5	AANIPR4535.MTN			
				6	AANIPR4536.MTN			
				8	AANIPR4538.MTN			
			4.0	4.5	AANIPR4545.MTN			
				6	AANIPR4546.MTN			
				8	AANIPR4548.MTN			
		Non-Hex	0.6	4.5	AANIPR4515N.MTN			
				6	AANIPR4516N.MTN			
				8	AANIPR4518N.MTN			
			1.5	4.5	AANIPR4525N.MTN			
				6	AANIPR4526N.MTN			
				8	AANIPR4528N.MTN			
			3.0	4.5	AANIPR4535N.MTN			
				6	AANIPR4536N.MTN			
				8	AANIPR4538N.MTN			
			4.0	4.5	AANIPR4545N.MTN			
				6	AANIPR4546N.MTN			
				8	AANIPR4548N.MTN			
AnyRidge Octa 1	Ø4.0	NC	4.5	-	AROZGN4015.MTN			
					1.5	AROZGN4025.MTN		
					3.0	AROZGN4035.MTN		
			6.0		4.0	AROZGN4045.MTN		
					0.6	AROZGN4016.MTN		
					1.5	AROZGN4026.MTN		
		Ø4.5	RC		6.0	-	3.0	AROZGN4036.MTN
							4.0	AROZGN4046.MTN
							0.6	AROZGN4018.MTN
			8.0		1.5		AROZGN4028.MTN	
					3.0		AROZGN4038.MTN	
					4.0		AROZGN4048.MTN	
	MUA Level	Ø5.5	N-Type (Nobel)	-	5	AMUAPR5515N.MTN		
					6	AMUAPR5516N.MTN		
					8	AMUAPR5518N.MTN		
			1.7		5	AMUAPR5525N.MTN		
					6	AMUAPR5526N.MTN		
					8	AMUAPR5528N.MTN		
		3.0	5	-	6	AMUAPR5535N.MTN		
					8	AMUAPR5536N.MTN		
					8	AMUAPR5538N.MTN		
			4.0		5	AMUAPR5545N.MTN		
					6	AMUAPR5546N.MTN		
					8	AMUAPR5548N.MTN		

Standard

System	Diameter	Cuff Height	Post Height	Type	Ref.C
AnyOne Internal	Ø4.0	0.6	4.5	Hex	AAOIPR4015.MTN
			6		AAOIPR4016.MTN
			8		AAOIPR4018.MTN
		1.5	4.5		AAOIPR4025.MTN
			6		AAOIPR4026.MTN
			8		AAOIPR4028.MTN
		3.0	4.5		AAOIPR4035.MTN
			6		AAOIPR4036.MTN
			8		AAOIPR4038.MTN
		4.0	4.5		AAOIPR4045.MTN
			6		AAOIPR4046.MTN
			8		AAOIPR4048.MTN
	Ø4.5	0.6	4.5	Non-Hex	AAOIPR4015N.MTN
			6		AAOIPR4016N.MTN
			8		AAOIPR4018N.MTN
		1.5	4.5		AAOIPR4025N.MTN
			6		AAOIPR4026N.MTN
			8		AAOIPR4028N.MTN
		3.0	4.5		AAOIPR4035N.MTN
			6		AAOIPR4036N.MTN
			8		AAOIPR4038N.MTN
		4.0	4.5		AAOIPR4045N.MTN
			6		AAOIPR4046N.MTN
			8		AAOIPR4048N.MTN
	Ø4.5	0.6	4.5	Hex	AAOIPR4515.MTN
			6		AAOIPR4516.MTN
			8		AAOIPR4518.MTN
		1.5	4.5		AAOIPR4525.MTN
			6		AAOIPR4526.MTN
			8		AAOIPR4528.MTN
		3.0	4.5		AAOIPR4535.MTN
			6		AAOIPR4536.MTN
			8		AAOIPR4538.MTN
		4.0	4.5		AAOIPR4545.MTN
			6		AAOIPR4546.MTN
			8		AAOIPR4548.MTN
	Ø4.5	0.6	4.5	Non-Hex	AAOIPR4515N.MTN
			6		AAOIPR4516N.MTN
			8		AAOIPR4518N.MTN
		1.5	4.5		AAOIPR4525N.MTN
			6		AAOIPR4526N.MTN
			8		AAOIPR4528N.MTN
		3.0	4.5		AAOIPR4535N.MTN
			6		AAOIPR4536N.MTN
			8		AAOIPR4538N.MTN
		4.0	4.5		AAOIPR4545N.MTN
			6		AAOIPR4546N.MTN
			8		AAOIPR4548N.MTN

System	Diameter	Cuff Height	Post Height	Type	Ref.C	
AnyOne External	Small	Ø4.2	0.6	Hex	AEXEPS4015.MTN	
					6	AEXEPS4016.MTN
					8	AEXEPS4018.MTN
		1.5	4.5		AEXEPS4025.MTN	
			6		AEXEPS4026.MTN	
			8		AEXEPS4028.MTN	
		3.0	4.5		AEXEPS4035.MTN	
			6		AEXEPS4036.MTN	
			8		AEXEPS4038.MTN	
		4.0	4.5		AEXEPS4045.MTN	
			6		AEXEPS4046.MTN	
			8		AEXEPS4048.MTN	
	Ø4.5	0.6	4.5	Hex	AEXEPS4515.MTN	
					6	AEXEPS4516.MTN
					8	AEXEPS4518.MTN
		1.5	4.5		AEXEPS4525.MTN	
			6		AEXEPS4526.MTN	
			8		AEXEPS4528.MTN	
		3.0	4.5		AEXEPS4535.MTN	
			6		AEXEPS4536.MTN	
			8		AEXEPS4538.MTN	
		4.0	4.5		AEXEPS4545.MTN	
			6		AEXEPS4546.MTN	
			8		AEXEPS4548.MTN	
	Regular	Ø4.5	0.6	Hex	AEXEPR4515.MTN	
					6	AEXEPR4516.MTN
					8	AEXEPR4518.MTN
		1.5	4.5		AEXEPR4525.MTN	
			6		AEXEPR4526.MTN	
			8		AEXEPR4528.MTN	
		3.0	4.5		AEXEPR4535.MTN	
			6		AEXEPR4536.MTN	
			8		AEXEPR4538.MTN	
		4.0	4.5		AEXEPR4545.MTN	
			6		AEXEPR4546.MTN	
			8		AEXEPR4548.MTN	
	Wide	Ø5.5	0.6	Hex	AEXEPW5515.MTN	
					6	AEXEPW5516.MTN
					8	AEXEPW5518.MTN
		1.5	4.5		AEXEPW5525.MTN	
			6		AEXEPW5526.MTN	
			8		AEXEPW5528.MTN	
		3.0	4.5		AEXEPW5535.MTN	
			6		AEXEPW5536.MTN	
			8		AEXEPW5538.MTN	
		4.0	4.5		AEXEPW5545.MTN	
			6		AEXEPW5546.MTN	
			8		AEXEPW5548.MTN	
AnyOne OneStage	Cuff 1.8	Ø4.8	Octa	AEXIPR5015.MTN		
				6	AEXIPR5016.MTN	
				8	AEXIPR5018.MTN	
	1.5	4.5		AEXIPR5025.MTN		
		6		AEXIPR5026.MTN		
		8		AEXIPR5028.MTN		
	3.0	4.5		AEXIPR5035.MTN		
		6		AEXIPR5036.MTN		
		8		AEXIPR5038.MTN		
	4.0	4.5		AEXIPR5045.MTN		
		6		AEXIPR5046.MTN		
		8		AEXIPR5048.MTN		

Standard

System	Diameter	Cuff Height	Post Height	Type	Ref.C	System	Diameter	Cuff Height	Post Height	Type	Ref.C	
MINi	Ø3.0	0.6	2.5	Hex	MIPN3013.MTN			0.8	5	Octa	AOCEPS5015.MTN	
			2.5	Non-Hex	MIPN3013N.MTN				6		AOCEPS5016.MTN	
Small	Ø4.0	0.6	4.5	Hex	OSGSPA3111.MTN	Small	Ø5.0	1.7	8	Octa	AOCEPS5018.MTN	
			6		5				AOCEPS5025.MTN			
			8		6				AOCEPS5026.MTN			
			4.5		8				AOCEPS5028.MTN			
			6		5				AOCEPS5035.MTN			
			8		6				AOCEPS5036.MTN			
		1.5	Hex	4.5	OSGSPA3121.MTN			3.0	8	AOCEPS5038.MTN		
				6	OSGSPA3122.MTN				5	AOCEPS5045.MTN		
				8	OSGSPA3123.MTN				6	AOCEPS5046.MTN		
				4.5	OSGSPA3131.MTN				8	AOCEPS5048.MTN		
				6	OSGSPA3132.MTN				5	ANOEPS5015.MTN		
				8	OSGSPA3133.MTN				6	ANOEPS5018.MTN		
		3.0	Hex	4.5	OSGSPA3141.MTN			4.0	8	ANOEPS5025.MTN		
				6	OSGSPA3142.MTN				5	ANOEPS5026.MTN		
				8	OSGSPA3143.MTN				8	ANOEPS5028.MTN		
				4.5	OSGSPA3111N.MTN				5	ANOEPS5035.MTN		
				6	OSGSPA3112N.MTN				6	ANOEPS5038.MTN		
				8	OSGSPA3113N.MTN				8	ANOEPS5045.MTN		
		4.0	Hex	4.5	OSGSPA3121N.MTN			0.8	5	ANOEPS5046.MTN		
				6	OSGSPA3122N.MTN				6	AOCEPR5515.MTN		
				8	OSGSPA3123N.MTN				8	AOCEPR5516.MTN		
				4.5	OSGSPA3131N.MTN				5	AOCEPR5518.MTN		
				6	OSGSPA3132N.MTN				6	AOCEPR5525.MTN		
				8	OSGSPA3133N.MTN				8	AOCEPR5526.MTN		
4.0	Hex	4.5	OSGSPA3141N.MTN	1.7	5	AOCEPR5528.MTN						
		6	OSGSPA3142N.MTN		6	AOCEPR5535.MTN						
		8	OSGSPA3143N.MTN		8	AOCEPR5538.MTN						
		4.5	OSGSPA3211.MTN		5	AOCEPR5545.MTN						
		6	OSGSPA3212.MTN		6	AOCEPR5546.MTN						
		8	OSGSPA4018.MTN		8	AOCEPR5548.MTN						
ST	Ø4.0	0.6	Hex	OSGSPA4025.MTN	ST	Ø5.5	3.0	Octa	5	Octa	AOCEPR5536.MTN	
				6					OSGSPA4026.MTN		6	AOCEPR5538.MTN
				8					OSGSPA4028.MTN		8	AOCEPR5545.MTN
				4.5					OSGSPA4035.MTN		5	AOCEPR5548.MTN
				6					OSGSPA4036.MTN		6	ANOEPR5515.MTN
				8					OSGSPA4038.MTN		8	ANOEPR5516.MTN
		1.5	Hex	4.5			OSGSPA4045.MTN	4.0	5	ANOEPR5518.MTN		
				6			OSGSPA4046.MTN		6	ANOEPR5525.MTN		
				8			OSGSPA4048.MTN		8	ANOEPR5526.MTN		
				4.5			OSGSPA4025N.MTN		5	ANOEPR5528.MTN		
				6			OSGSPA4026N.MTN		6	ANOEPR5535.MTN		
				8			OSGSPA4028N.MTN		8	ANOEPR5538.MTN		
		3.0	Hex	4.5			OSGSPA4035N.MTN	0.8	5	ANOEPR5545.MTN		
				6			OSGSPA4036N.MTN		6	ANOEPR5548.MTN		
				8			OSGSPA4038N.MTN		8	ANOEPR5515.MTN		
				4.5			OSGSPA4045N.MTN		5	ANOEPR5516.MTN		
				6			OSGSPA4046N.MTN		6	ANOEPR5518.MTN		
				8			OSGSPA4048N.MTN		8	ANOEPR5525.MTN		
		4.0	Hex	4.5			OSGSPA4048N.MTN	1.7	5	ANOEPR5526.MTN		
				6			OSGSPA4515.MTN		6	ANOEPR5528.MTN		
				8			OSGSPA4516.MTN		8	ANOEPR5535.MTN		
				4.5			OSGSPA4518.MTN		5	ANOEPR5538.MTN		
				6			OSGSPA3221.MTN		6	ANOEPR5545.MTN		
				8			OSGSPA3222.MTN		8	ANOEPR5548.MTN		
Regular	Ø4.5	0.6	Hex	OSGSPA4528.MTN	Regular	Ø6.5	3.0	Octa	5	Octa	AOCEPW6515.MTN	
				6					OSGSPA4528N.MTN		6	AOCEPW6516.MTN
				8					OSGSPA4535.MTN		8	AOCEPW6518.MTN
				4.5					OSGSPA4536.MTN		5	AOCEPW6525.MTN
				6					OSGSPA4538.MTN		6	AOCEPW6526.MTN
				8					OSGSPA4545.MTN		8	AOCEPW6528.MTN
		1.5	Hex	4.5			OSGSPA4545.MTN	4.0	5	AOCEPW6535.MTN		
				6			OSGSPA4546.MTN		6	AOCEPW6536.MTN		
				8			OSGSPA4548.MTN		8	AOCEPW6538.MTN		
				4.5			OSGSPA4515N.MTN		5	AOCEPW6545.MTN		
				6			OSGSPA4516N.MTN		6	AOCEPW6546.MTN		
				8			OSGSPA4518N.MTN		8	AOCEPW6548.MTN		
		3.0	Hex	4.5			OSGSPA4518N.MTN	0.8	5	ANOEPW6515.MTN		
				6			OSGSPA3221N.MTN		6	ANOEPW6516.MTN		
				8			OSGSPA3222N.MTN		8	ANOEPW6518.MTN		
				4.5			OSGSPA4528N.MTN		5	ANOEPW6525.MTN		
				6			OSGSPA4535N.MTN		6	ANOEPW6526.MTN		
				8			OSGSPA4536N.MTN		8	ANOEPW6528.MTN		
		4.0	Hex	4.5			OSGSPA4538N.MTN	1.7	5	ANOEPW6535.MTN		
				6			OSGSPA4545N.MTN		6	ANOEPW6538.MTN		
				8			OSGSPA4545N.MTN		8	ANOEPW6545.MTN		
				4.5			OSGSPA4546N.MTN		5	ANOEPW6548.MTN		
				6			OSGSPA4546N.MTN		6	ANOEPW6515.MTN		
				8			OSGSPA4548N.MTN		8	ANOEPW6516.MTN		
4.0	Non-Hex	4.5	OSGSPA4548N.MTN	4.0	5	ANOEPW6518.MTN						
		6	OSGSPA4548N.MTN		6	ANOEPW6525.MTN						
		8	OSGSPA4548N.MTN		8	ANOEPW6526.MTN						
		4.5	OSGSPA4538N.MTN		5	ANOEPW6528.MTN						
		6	OSGSPA4538N.MTN		6	ANOEPW6535.MTN						
		8	OSGSPA4538N.MTN		8	ANOEPW6538.MTN						



Extra

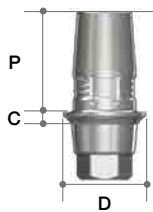
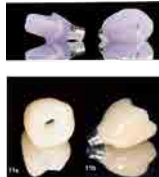
System	Fixture Core	Diameter	Cuff Height	Post Height	Type	Ref.C	
AnyRidge	Core 3.3	Ø4.5	0.6	4.5	Hex	ARZXM4515.MTN	
				6		ARZXM4516.MTN	
				8		ARZXM4518.MTN	
			1.5	4.5		ARZXM4525.MTN	
				6		ARZXM4526.MTN	
				8		ARZXM4528.MTN	
			3.0	4.5		ARZXM4535.MTN	
				6		ARZXM4536.MTN	
				8		ARZXM4538.MTN	
			4.0	4.5	ARZXM4545.MTN		
				6	ARZXM4546.MTN		
				8	ARZXM4548.MTN		
			Non -Hex	0.6	4.5	ARZXM4515N.MTN	
					6	ARZXM4516N.MTN	
					8	ARZXM4518N.MTN	
				1.5	4.5	ARZXM4525N.MTN	
					6	ARZXM4526N.MTN	
					8	ARZXM4528N.MTN	
				3.0	4.5	ARZXM4535N.MTN	
					6	ARZXM4536N.MTN	
					8	ARZXM4538N.MTN	
				4.0	4.5	ARZXM4545N.MTN	
					6	ARZXM4546N.MTN	
					8	ARZXM4548N.MTN	
	AnyRidge	Core3.8	Ø5.0	0.6	4.5	Hex	ARZXM503815.MTN
					6		ARZXM503816.MTN
					8		ARZXM503818.MTN
				1.5	4.5		ARZXM503825.MTN
					6		ARZXM503826.MTN
					8		ARZXM503828.MTN
				3.0	4.5		ARZXM503835.MTN
					6		ARZXM503836.MTN
					8		ARZXM503838.MTN
				4.0	4.5	ARZXM503845.MTN	
					6	ARZXM503846.MTN	
					8	ARZXM503848.MTN	
				Non -Hex	0.6	4.5	ARZXM503815N.MTN
						6	ARZXM503816N.MTN
						8	ARZXM503818N.MTN
					1.5	4.5	ARZXM503825N.MTN
						6	ARZXM503826N.MTN
						8	ARZXM503828N.MTN
					3.0	4.5	ARZXM503835N.MTN
						6	ARZXM503836N.MTN
						8	ARZXM503838N.MTN
					4.0	4.5	ARZXM503845N.MTN
						6	ARZXM503846N.MTN
						8	ARZXM503848N.MTN
Non -Hex		Hex	0.6	4.5	ARZXM553815.MTN		
				6	ARZXM553816.MTN		
				8	ARZXM553818.MTN		
			1.5	4.5	ARZXM553825.MTN		
				6	ARZXM553826.MTN		
				8	ARZXM553828.MTN		
			3.0	4.5	ARZXM553835.MTN		
				6	ARZXM553836.MTN		
				8	ARZXM553838.MTN		
			4.0	4.5	ARZXM553845.MTN		
				6	ARZXM553846.MTN		
				8	ARZXM553848.MTN		
		Non -Hex	0.6	4.5	ARZXM553815N.MTN		
				6	ARZXM553816N.MTN		
				8	ARZXM553818N.MTN		
			1.5	4.5	ARZXM553825N.MTN		
				6	ARZXM553826N.MTN		
				8	ARZXM553828N.MTN		
			3.0	4.5	ARZXM553835N.MTN		
				6	ARZXM553836N.MTN		
				8	ARZXM553838N.MTN		
			4.0	4.5	ARZXM553845N.MTN		
				6	ARZXM553846N.MTN		
				8	ARZXM553848N.MTN		

Extra

System	Fixture Core	Diameter	Cuff Height	Post Height	Type	Ref.C	
AnyRidge	Core4.0	Ø5.0	0.6	4.5	Hex	ARZXM5015.MTN	
				6		ARZXM5016.MTN	
				8		ARZXM5018.MTN	
			1.5	4.5		ARZXM5025.MTN	
				6		ARZXM5026.MTN	
				8		ARZXM5028.MTN	
			3.0	4.5		ARZXM5035.MTN	
				6		ARZXM5036.MTN	
				8		ARZXM5038.MTN	
			4.0	4.5	ARZXM5045.MTN		
				6	ARZXM5046.MTN		
				8	ARZXM5048.MTN		
			0.6	4.5	Non -Hex	4.5	ARZXM5015N.MTN
						6	ARZXM5016N.MTN
						8	ARZXM5018N.MTN
				1.5		4.5	ARZXM5025N.MTN
						6	ARZXM5026N.MTN
						8	ARZXM5028N.MTN
		3.0		4.5		ARZXM5035N.MTN	
				6		ARZXM5036N.MTN	
				8		ARZXM5038N.MTN	
		4.0	4.5	ARZXM5045N.MTN			
			6	ARZXM5046N.MTN			
			8	ARZXM5048N.MTN			
		Ø5.5	Hex	0.6	4.5	ARZXM5515.MTN	
					6	ARZXM5516.MTN	
					8	ARZXM5518.MTN	
				1.5	4.5	ARZXM5525.MTN	
					6	ARZXM5526.MTN	
					8	ARZXM5528.MTN	
				3.0	4.5	ARZXM5535.MTN	
					6	ARZXM5536.MTN	
					8	ARZXM5538.MTN	
			4.0	4.5	ARZXM5545.MTN		
				6	ARZXM5546.MTN		
				8	ARZXM5548.MTN		
			Non -Hex	0.6	Non -Hex	4.5	ARZXM5515N.MTN
						6	ARZXM5516N.MTN
						8	ARZXM5518N.MTN
				1.5		4.5	ARZXM5525N.MTN
						6	ARZXM5526N.MTN
						8	ARZXM5528N.MTN
		3.0		4.5		ARZXM5535N.MTN	
				6		ARZXM5536N.MTN	
				8		ARZXM5538N.MTN	
		4.0	4.5	ARZXM5545N.MTN			
			6	ARZXM5546N.MTN			
			8	ARZXM5548N.MTN			
AnyRidge	Core 4.8	Ø5.5	0.6	4.5	Hex	ARZXL5515.MTN	
				6		ARZXL5516.MTN	
				8		ARZXL5518.MTN	
			1.5	4.5		ARZXL5525.MTN	
				6		ARZXL5526.MTN	
				8		ARZXL5528.MTN	
			3.0	4.5		ARZXL5535.MTN	
				6		ARZXL5536.MTN	
				8		ARZXL5538.MTN	
			4.0	4.5	ARZXL5545.MTN		
				6	ARZXL5546.MTN		
				8	ARZXL5548.MTN		
			0.6	4.5	Non -Hex	4.5	ARZXL5515N.MTN
						6	ARZXL5516N.MTN
						8	ARZXL5518N.MTN
				1.5		4.5	ARZXL5525N.MTN
						6	ARZXL5526N.MTN
						8	ARZXL5528N.MTN
		3.0	4.5	ARZXL5535N.MTN			
			6	ARZXL5536N.MTN			
			8	ARZXL5538N.MTN			
		4.0	4.5	ARZXL5545N.MTN			
			6	ARZXL5546N.MTN			
			8	ARZXL5548N.MTN			
Ø6.0	4.5	Hex	4.5	ARZXL6015.MTN			
			6	ARZXL6016.MTN			
			8	ARZXL6018.MTN			
	1.5		4.5	ARZXL6025.MTN			
			6	ARZXL6026.MTN			
			8	ARZXL6028.MTN			
3.0	4.5	ARZXL6035.MTN					
	6	ARZXL6036.MTN					
	8	ARZXL6038.MTN					
4.0	4.5	ARZXL6045.MTN					
	6	ARZXL6046.MTN					
	8	ARZXL6048.MTN					
Non -Hex	4.5	Non -Hex	4.5	ARZXL6015N.MTN			
			6	ARZXL6016N.MTN			
			8	ARZXL6018N.MTN			
	1.5		4.5	ARZXL6025N.MTN			
			6	ARZXL6026N.MTN			
			8	ARZXL6028N.MTN			
3.0	4.5	ARZXL6035N.MTN					
	6	ARZXL6036N.MTN					
	8	ARZXL6038N.MTN					
4.0	4.5	ARZXL6045N.MTN					
	6	ARZXL6046N.MTN					
	8	ARZXL6048N.MTN					

- ZrGEN Abutment

- Ti-base for Sirona Cerec users → CEREC
- In in Lab CAD Software, compatible with Xive Library



C-Type

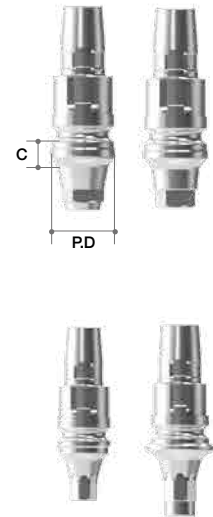
System	Diameter	Cuff Height	Post Height	Post Size	Ref.C		
AnyRidge	Ø3.9	0.5	4.7	Small	ARCS3405.MTN		
		1			ARCS3410.MTN		
		2			ARCS3420.MTN		
	Ø4.3	0.5			ARCS3805.MTN		
		1			ARCS3810.MTN		
		2			ARCS3820.MTN		
	Ø5.5	0.5		Large	ARCL4505.MTN		
		1			ARCL4510.MTN		
		2			ARCL4520.MTN		
AnyRidge Octa 1	Ø3.9	0.5	4.5	Small	AROCNS3405.MTN		
		1.0			AROCNS3410.MTN		
		2.0			AROCNS3420.MTN		
		Ø4.3			0.5	AROCNS3805.MTN	
					1.0	AROCNS3810.MTN	
					2.0	AROCNS3820.MTN	
	Ø3.9	0.5		Small	AROCSR3405.MTN		
		1.0			AROCSR3410.MTN		
		2.0			AROCSR3420.MTN		
		Ø4.3			0.5	AROCSR3805.MTN	
					1.0	AROCSR3810.MTN	
					2.0	AROCSR3820.MTN	
	Ø5.5	0.5		Large	AROCLR4505.MTN		
		1.0			AROCLR4510.MTN		
		2.0			AROCLR4520.MTN		
	AnyOne	Ø3.9		0.5	4.7	Small	AOCS3405.MTN
				1			AOCS3410.MTN
				2			AOCS3420.MTN
Ø4.3		0.5	AOCS3805.MTN				
		1	AOCS3810.MTN				
		2	AOCS3820.MTN				
Ø5.5		0.5	Large	AOCL4505.MTN			
		1		AOCL4510.MTN			
		2		AOCL4520.MTN			
ST	Ø3.9	0.5	4.7	Small	STCSS3405.MTN		
		1			STCSS3410.MTN		
		2			STCSS3420.MTN		
		Ø4.3			0.5	STCSS3805.MTN	
					1	STCSS3810.MTN	
					2	STCSS3820.MTN	
	Ø3.9	0.5		Small	STCSR3405.MTN		
		1			STCSR3410.MTN		
		2			STCSR3420.MTN		
		Ø4.3			0.5	STCSR3805.MTN	
					1	STCSR3810.MTN	
					2	STCSR3820.MTN	
	Ø5.5	0.5		Large	STCLR4505.MTN		
		1			STCLR4510.MTN		
		2			STCLR4520.MTN		

## Scan Abutmet (C-type)

- Abutment Screw included.
  - . AnyRidge (AANMSF)
  - . AnyOne (AS20)
  - . AnyRidge Octa 1 (AROAS16B/ AROAS16)

- Scan Post for Sirona Cerec users → CEREC
- In in Lab CAD Software, compatible with
- Xive Library

System	Profile Diameter	Cuff Height	Post Size	Ref.C		
AnyRidge	Ø3.9	0.5	Small	ARICSS3405T		
		1		ARICSS3410T		
		2		ARICSS3420T		
	Ø4.3	0.5		ARICSS3805T		
		1		ARICSS3810T		
		2		ARICSS3820T		
	Ø5.5	0.5		Large	ARICSL4505T	
		1			ARICSL4510T	
		2			ARICSL4520T	
AnyRidge Octa 1	Ø3.9	0.5	Small	AROCSS3405NT		
		1		AROCSS3410NT		
		2		AROCSS3420NT		
	Ø4.3	0.5		AROCSS3805NT		
		1		AROCSS3810NT		
		2		AROCSS3820NT		
	Ø3.9	0.5		Small	AROCSS3405RT	
		1			AROCSS3410RT	
		2			AROCSS3420RT	
		Ø4.3			0.5	AROCSS3805RT
					1	AROCSS3810RT
					2	AROCSS3820RT
	Ø5.5	0.5		Large	AROCSL4505RT	
		1			AROCSL4510RT	
		2			AROCSL4520RT	
AnyOne	Ø3.9	0.5	Small	AOICSS3405T		
		1		AOICSS3410T		
		2		AOICSS3420T		
	Ø4.3	0.5		AOICSS3805T		
		1		AOICSS3810T		
		2		AOICSS3820T		
	Ø5.5	0.5		Large	AOICSL4505T	
		1			AOICSL4510T	
		2			AOICSL4520T	



## ➡ TiGEN Prosthesis



Crown



Milled TiGEN



TiGEN Abutment



RP Analog



Scan Abutment







## ➔ TiGEN Abutment Option

### TiGEN Abutment

- Abutment Screw included.
- . AnyRidge (AANMSF)
- . AnyOne Internal (AS20)
- . AnyOne Exeternal(SCS160/ RCS200)
- . AnyOne Stage (
- . MiNi (MAZ1410)
- . ST(OSGSAS3110/OSGSAS3210)
- . Octa Level(IRCS200)
- . AnyRidge Octa 1(AROAS16B/ AROAS16)

- Pre-milled Abutment
- 1Set(=Abutment 10ea)
- included spare Abutment Screw
- Supporting DentalCAD
- 3Shape
- Exocad
- Dental Wings

### Standard

System	Color	Diameter	Length	Type	Ref.C
AnyRidge	Gold	Ø10	20	Hex	ARTR1020.MTN
				Non-Hex	ARTR1020N.MTN
		Ø12		Hex	ARTR1220.MTN
				Non-Hex	ARTR1220N.MTN
AnyRidge Octa 1	Gold 	Ø10		AROTGN1020.MTN	
		Ø12		AROTGN1220.MTN	
	Silver 	Ø10		AROTGR1020.MTN	
		Ø12		AROTGR1220.MTN	
AnyOne Internal	Pink	Ø10	Hex	AOTR1020.MTN	
			Non-Hex	AOTR1020N.MTN	
		Ø12	Hex	AOTR1220.MTN	
			Non-Hex	AOTR1220N.MTN	
AnyOne External	N/A	Ø12	Hex	AETS1220.MTN	
			Hex	AETR1220.MTN	
			Hex	AETW1220.MTN	
MiNi	N/A	Ø10	Hex	MITN1020.MTN	
			Non-Hex	MITN1020N.MTN	
ST	Small	Sky	Ø10	Hex	OSTG3112.MTN
			Ø12	Non-Hex	OSTG3112N.MTN
				Hex	OSTG3111.MTN
			Regular	Ø10	Non-Hex
	Hex	OSTG3212.MTN			
	Ø12	Non-Hex		OSTG3212N.MTN	
		Hex		OSTG3211.MTN	
	Octa Level	Small	N/A	Ø10	Octa
Ø12				Non-Octa	OCTS1020.MTN
				Octa	OCTS1020N.MTN
Regular				Ø10	Octa
		Non-Octa	OCTS1220N.MTN		
		Ø12	Octa	OCTR1020.MTN	
			Non-Octa	OCTR1020N.MTN	
Wide		Ø10	Octa	OCTR1220.MTN	
			Non-Octa	OCTR1220N.MTN	
		Ø12	Octa	OCTW1020.MTN	
			Non-Octa	OCTW1020N.MTN	
Ø12		Octa	OCTW1220.MTN		
	Non-Octa	OCTW1220N.MTN			



### Extra EZ Connection

System	Color	Fixture Core	Diameter	Length	Type	Ref.C		
AnyRidge	Gold	3.3	Ø10	20	Hex	ARTXN1020.MTN		
					Non-Hex	ARTXN1020N.MTN		
					Ø12	Hex	ARTXN1220.MTN	
						Non-Hex	ARTXN1220N.MTN	
					4.0	Ø10	Hex	ARTXM1020.MTN
						Ø12	Non-Hex	ARTXM1020N.MTN
		4.8	Ø10		Hex		ARTXM1220.MTN	
			Ø12		Non-Hex	ARTXM1220N.MTN		
		4.8			Ø10	Hex	ARTXL1020.MTN	
			Non-Hex			ARTXL1020N.MTN		
			Ø12			Hex	ARTXL1220.MTN	
						Non-Hex	ARTXL1220N.MTN	



# MiNi Clinical Case

## ➔ Clinical Case

- Courtesy of Dr. Achraf Souayah

**Fig 1.** Intra-oral initial situation, front view

**Fig 2.** DSD analysis. The yellow dots shows where the right canine should be moved for better smile outcome

**Fig 3.** Details of incision design. Front view

**Fig 4.** Final Drills in sites, front view. Flap was elevated and two osteotomy sockets were made for 3.0 mm Mini fixtures.

**Fig 5.** Implant placement on site # 22. There was enough bone left labio-lingually even at this thin ridge. There was no bone defect.

**Fig 6.** Occlusal view of the placed implants, 0.5 mm sub-crestally. Two 3.0\*13mm MiNi implants were placed with excellent primary stability.



**Fig 7.** Sutured implant sites. Frontal view



**Fig 8.** Sutured implant sites, occlusal views & Post-operative retro-alveolar radiographs



**Fig 9.** Healed sites at 2 months recall, occlusal view



**Fig 10.** Different views of the copings placed over the EZ Post Abutments



**Fig 11.** Views of the temporary crowns with clean margins and concave buccal contour



**Fig 12.** Clinical photo of the intra-oral solidarization of the prefabricated teeth to the copings



**Fig 13.** Clinical photo immediately after temporary crown cementation. Notice the vertical position of the gingival margins of the laterals.



**Fig 14.** Temporary smile of the patient immediately after temporary cementation of the provisionals.



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