MiNi™

by MEGA'GEN

MEGA'GEN

For Lifetime Smiles


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MiNi™

by MEGAGEN

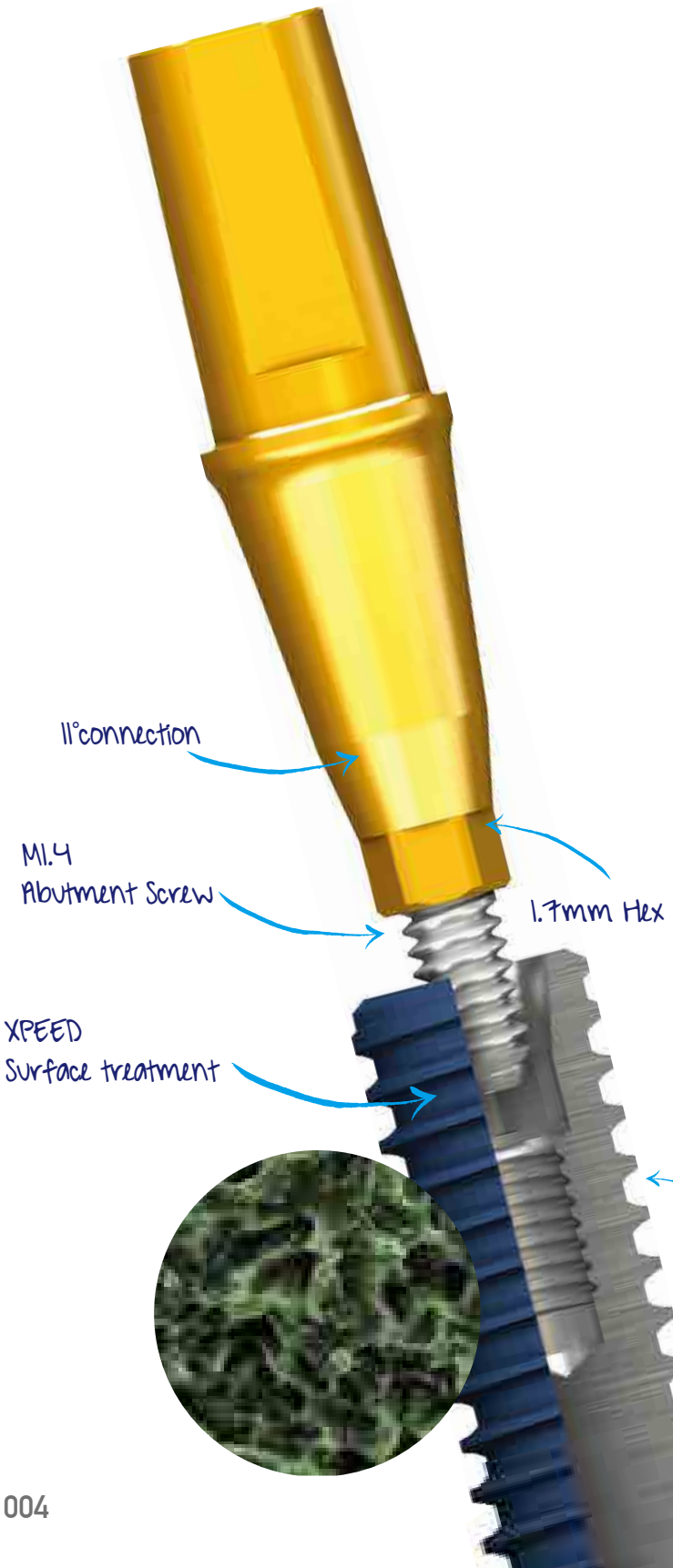
Key Advantages

Strong solution for narrow ridge & Anterior small teeth.

Mini, but mighty.

Product coordinator : Jung Ho Nam, rnd_implant1@imegagen.com

Characteristics & Advantages
I. Features

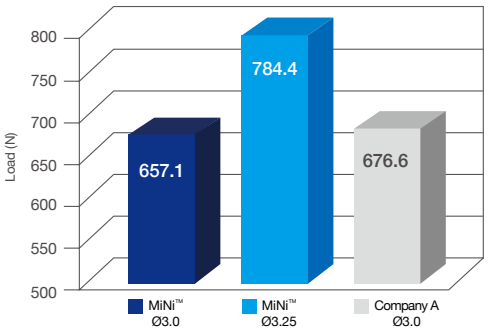


MiNi™, but mighty

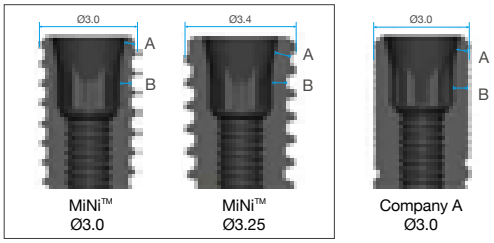
- When compared with the company A, MiNi™ internal fixture Ø3.0 has similar compressive strength, but Ø3.25 fixture showed much higher value of strength on the thin wall area of the fixture.

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

[Compressive Strength]



[Wall Thickness]



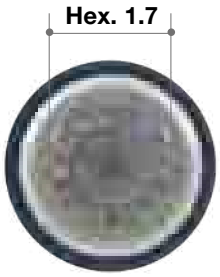
(unit : mm)

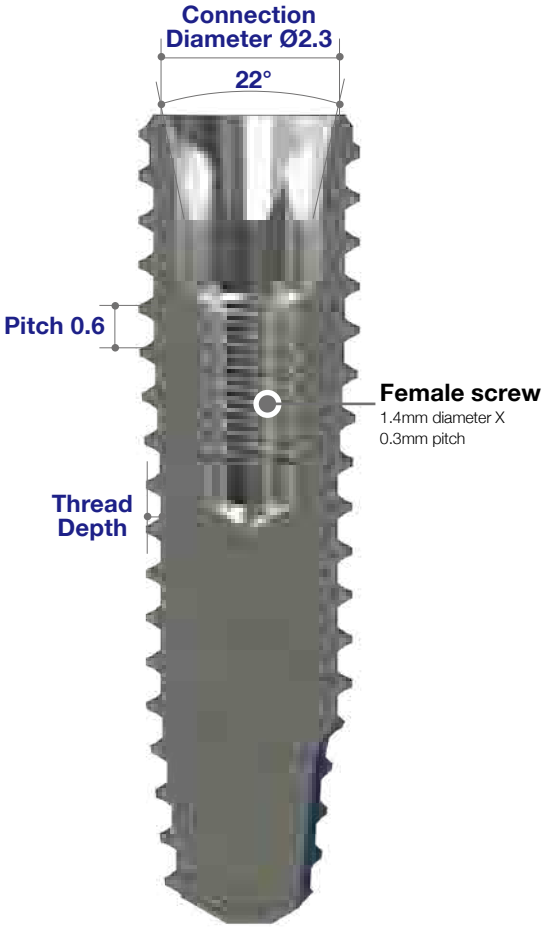
Parallel wall thickness	MiNi™ Ø3	MiNi™ Ø3.25	Company A Ø3
A	0.28	0.47	0.34
B	0.31	0.42	0.44

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





Fixture Size variation

Fixture Diameter	Widest thread Diameter	Platform Diameter	Apex Diameter	Core Diameter (Thread Depth)	Length(mm)
Ø3.0	Ø3.0	Ø2.6	Ø1.8	Ø2.6(0.2)	8.0 / 9.5 / 11.0 / 12.5 / 14.5
Ø3.25	Ø3.4	Ø2.8	Ø2.0	Ø2.8(0.3)	8.0 / 9.5 / 11.0 / 12.5 / 14.5

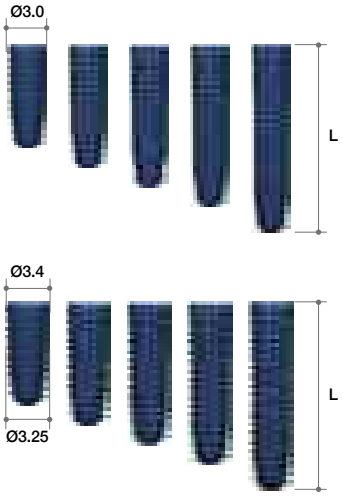
II. Fixture Size & Cover Screw & Healing Abutment

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

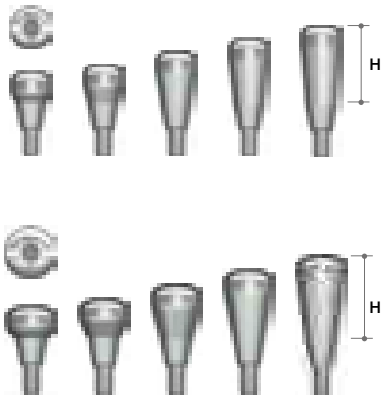
- Recommend torque : by hand (5 - 8Ncm).
- Only with finger force.

Height(mm)	Ref.C
0.5	MICS2505

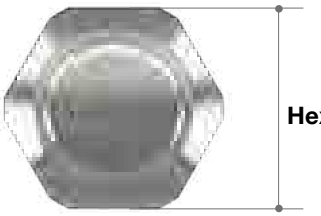
Healing Abutment

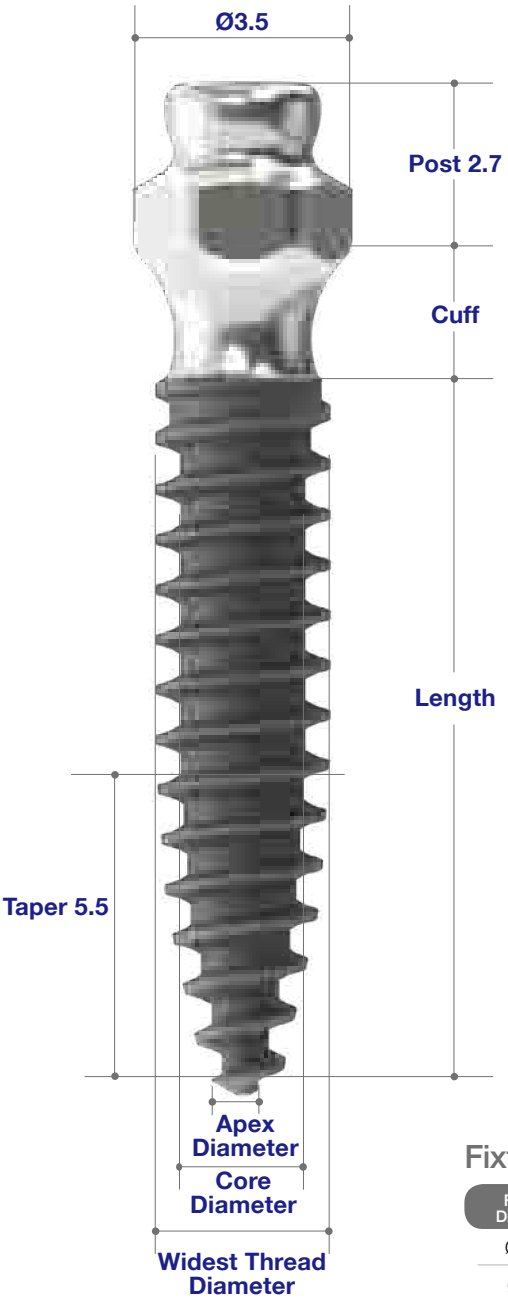
- Recommend torque : by hand (5 - 8Ncm).
- Only with finger force.

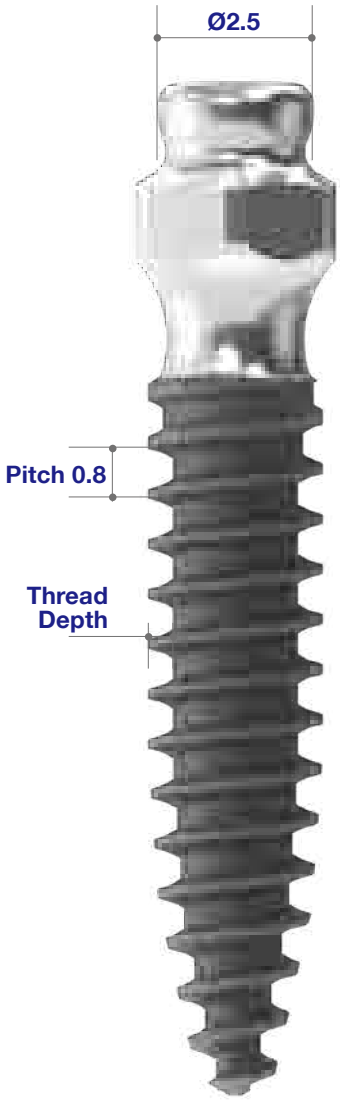
Profile Diameter	Height(mm)	Ref.C
Ø3.0	2.5	MIHA3025
	3.0	MIHA3030
	4.0	MIHA3040
	5.0	MIHA3050
	6.0	MIHA3060
	7.0	MIHA3070
	8.0	MIHA3080
	9.0	MIHA3090
Ø3.5	2.5	MIHA3525
	3.0	MIHA3530
	4.0	MIHA3540
	5.0	MIHA3550
	6.0	MIHA3560
	7.0	MIHA3570
	8.0	MIHA3580
	9.0	MIHA3590



MiNi Overdenture
I. Fixture Dimension







Fixture Size variation

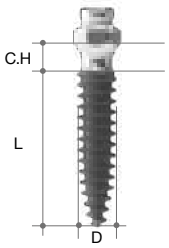
Fixture Diameter	Widest thread Diameter	Apex Diameter	Core Diameter (Thread Depth)	Cuff (mm)	Length(mm)
Ø2 .5	Ø2.8	Ø1.1	Ø2.0(0.4)	2 / 4	8.5 / 10.0/ 11.5/ 13.0
Ø3.0	Ø3.3	Ø1.3	Ø2.5(0.4)	2 / 4	8.5 / 10.0/ 11.5/ 13.0
Ø3.5	Ø3.8	Ø1.8	Ø2.5(0.6)	2 / 4	8.5 / 10.0/ 11.5/ 13.0

II. Fixture Size

MiNi Overdenture Fixture

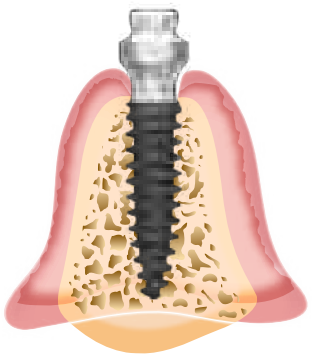
- 2.5 / 3.0 / 3.5mm of diameter and 2.0 / 4.0mm with 8.5 / 10.0 / 11.5 / 13.0mm in length, it is easy to use in any circumstance. (100% compatible with Rhein83)

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

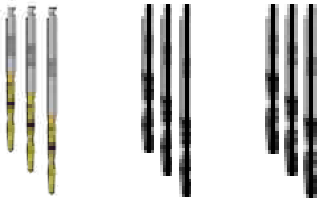
(*) Separate sales item.

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



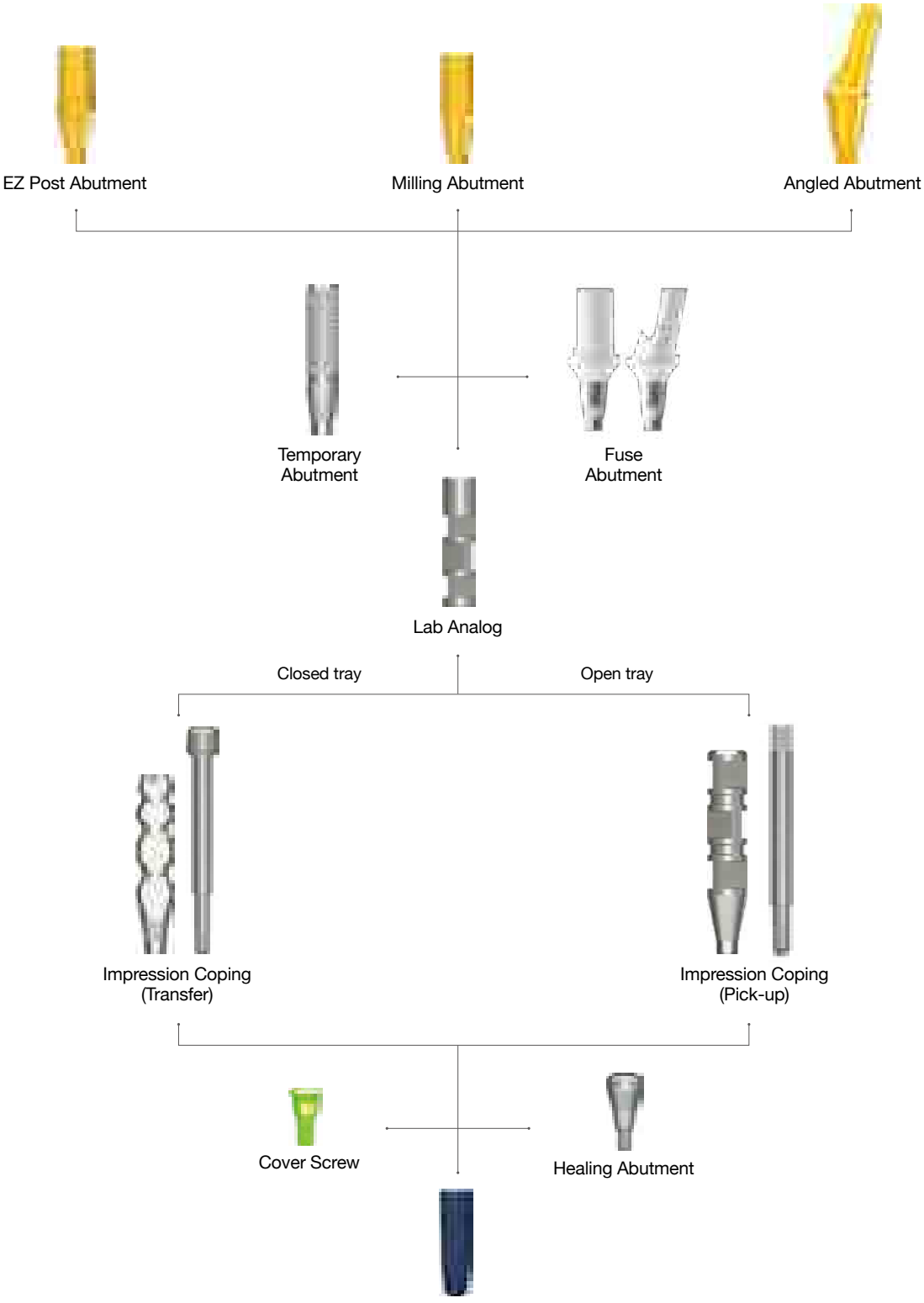
Handpiece Connector

Type	Ref.C
Short	OHCS

Ratchet Connector

Type	Length(mm)	Ref.C
Short	12	ORCS

Abutment & Prosthetic Options
I. Fixture Level Prosthesis



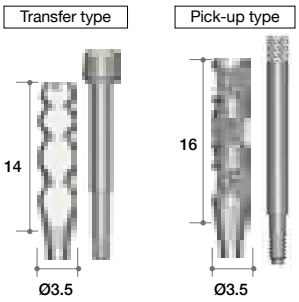
➲ Abutment Options & Components (Continued)

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	Hex	MIIT3512HT
		Pick-up		MIIP3512HT
	16	Transfer		MIIT3516HT
		Pick-up		MIIP3516HT



Lab Analog

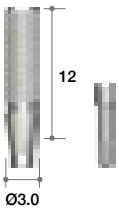
Length(mm)	Ref.C
12	MILA300H

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

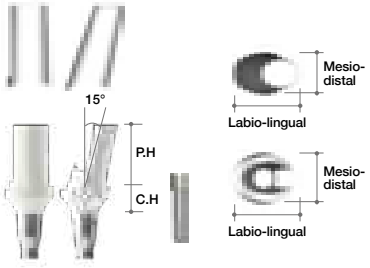
Fuse Abutment

- 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

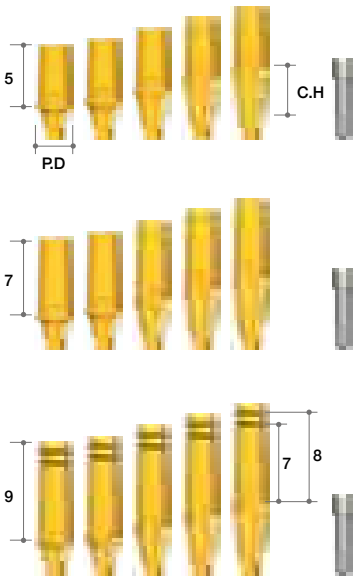


EZ Post Abutment

- 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

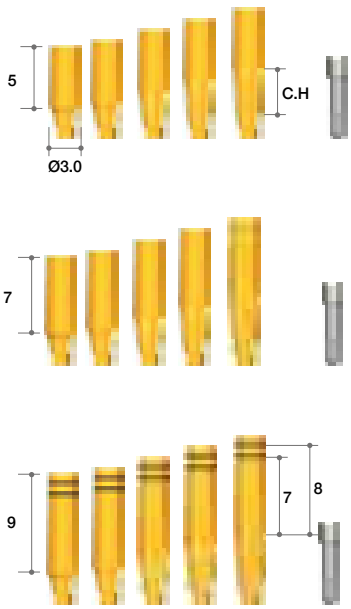


Milling Abutment

- 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

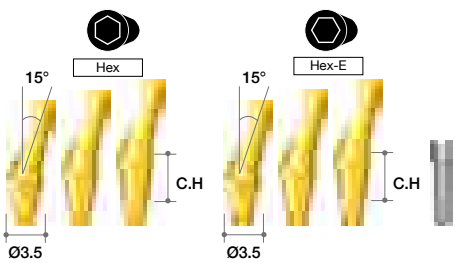


Angled Abutment

- Abutment Screw(MIAS14) included

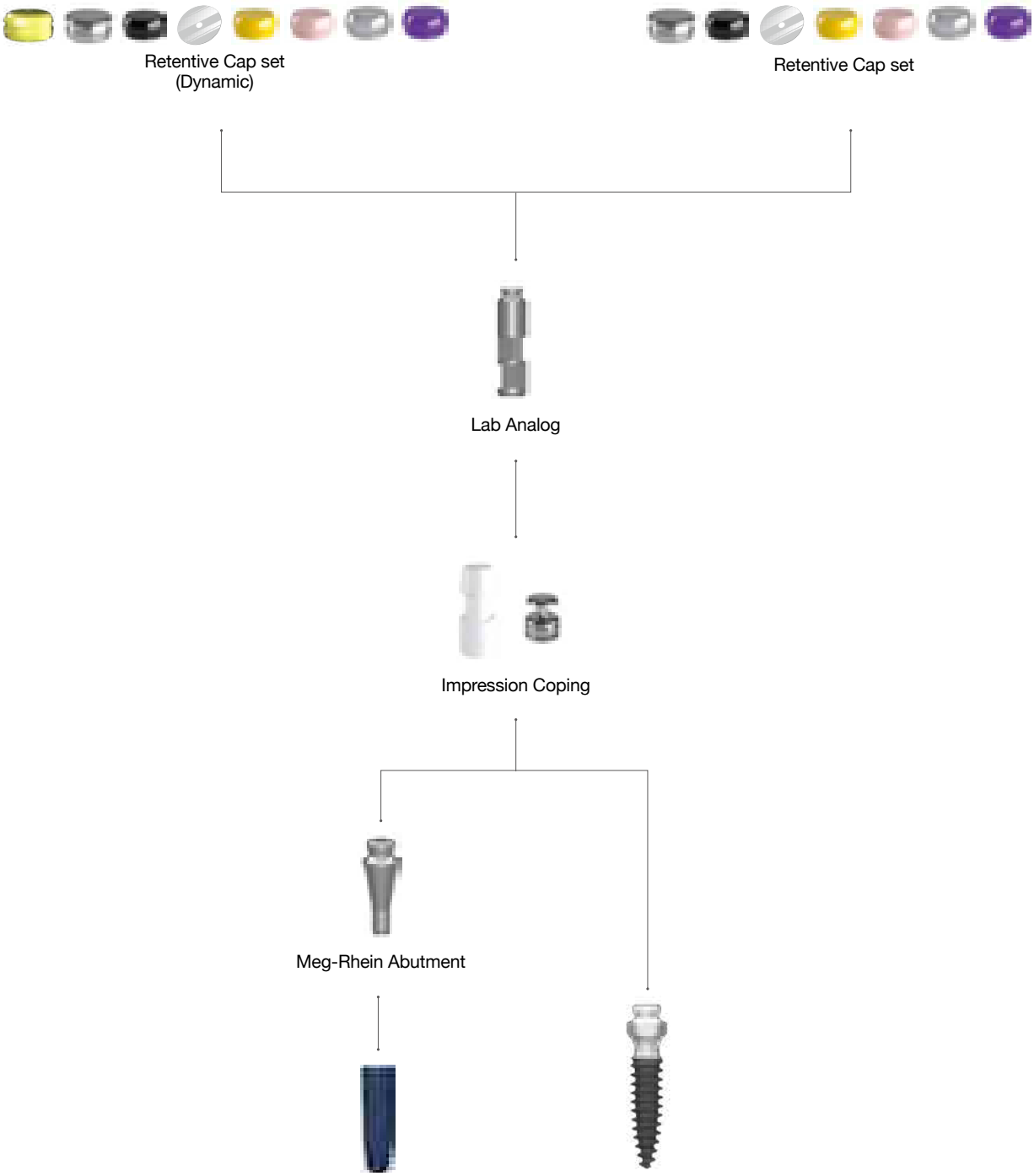
• Recommend torque : 15Ncm

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



Meg-Rhein Overdenture System

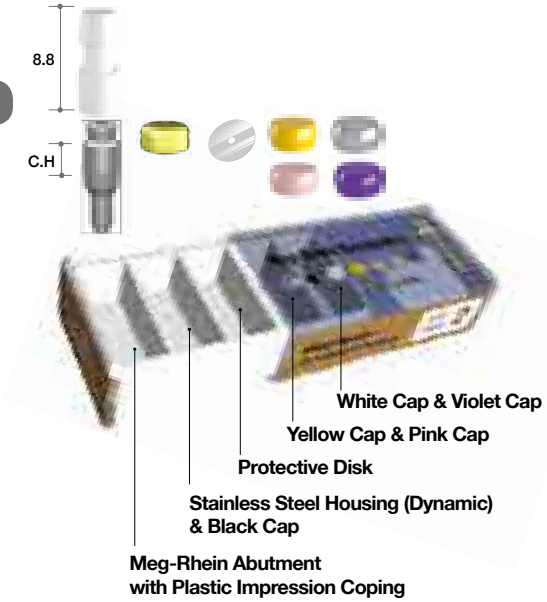
Meg-Rhein Overdenture System

(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.

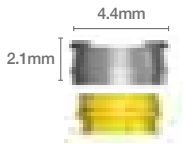
Cuff Height (mm)	Ref.C
0	MDR00P
1.0	MDR01P
2.0	MDR02P
3.0	MDR03P
4.0	MDR04P
5.0	MDR05P
6.0	MDR06P

▸▸ Overdenture System

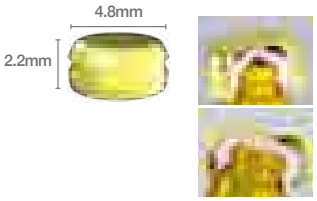
Advantages

Small & Easy-to-Use Housing System

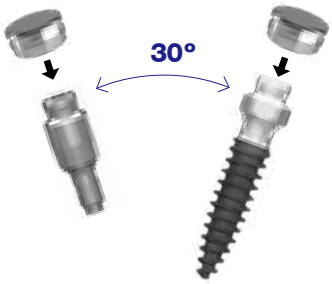
Normal

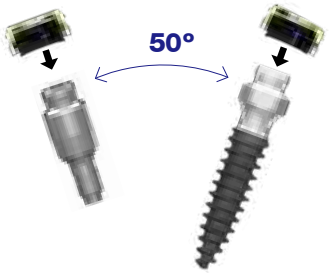


Dynamic

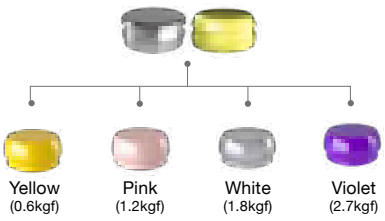


Tilting Angle

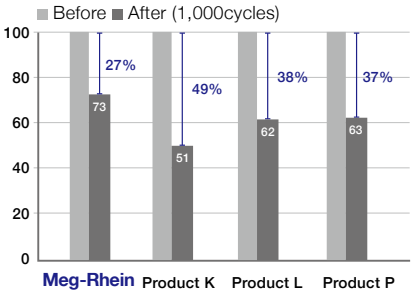


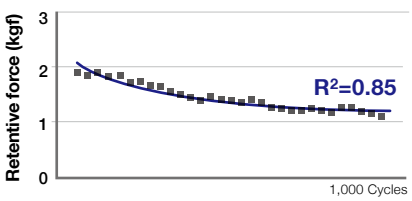


Various Retentive Caps of the Meg-Rhein



Low Reduction Rate & Uniform Variance of Retentive Force





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)

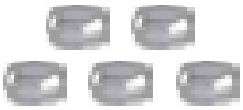
- 5ea/pack

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

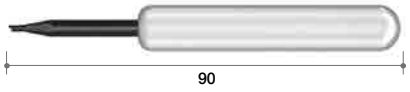
Lab Analog

Ref.C
PLA

Retentive Cap Removal Tool

- Retentive Cap removal tool.

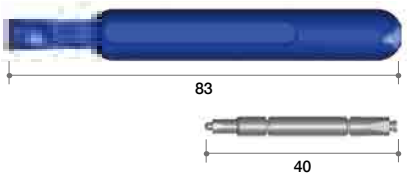
Ref.C
091EC



Retentive Cap Insertion Tool

- Retentive Cap insertion tool.

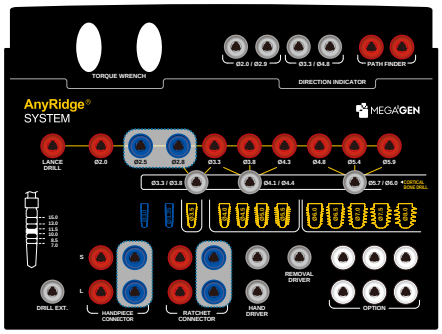
Ref.C
085IAC



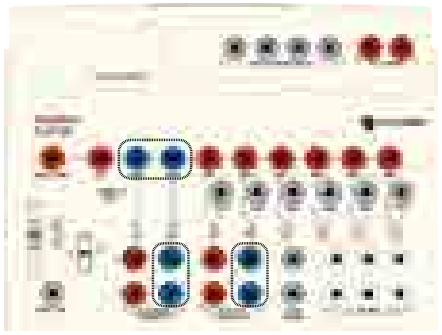
MiNi™ Kit

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)

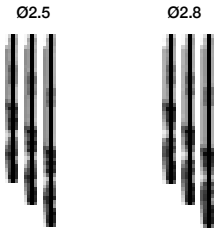


AnyOne Surgical Kit (KAOIN3003)

Shaping Drill

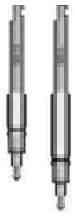
Diameter	Length(mm)	Ref.C
Ø2.5	33	SD2518S
	38	*SD2518M
	43	*SD2518L
Ø2.8	33	SD2818S
	38	*SD2818M
	43	*SD2818L

(*) Separate sales item.



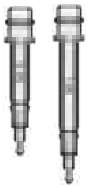
Handpiece Connector

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

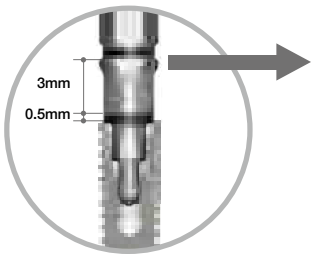
Ratchet Connector

- Can use Overdenture Fixture

Type	Length (mm)	Ref.C
Short	12	ORCS

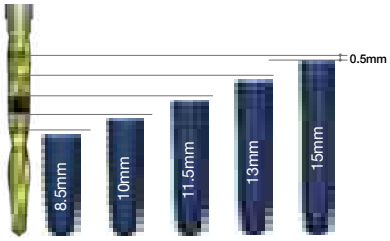
Product coordinator : jung hee Lee, rnd_implant3@imegagen.com

9.5 fixture length and drilling marking

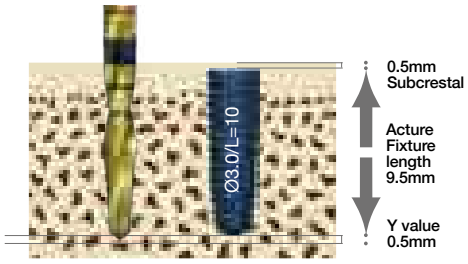


The platform line of the Handpiece Connector or the Ratchet Connector must be flush with the fixture platform.

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

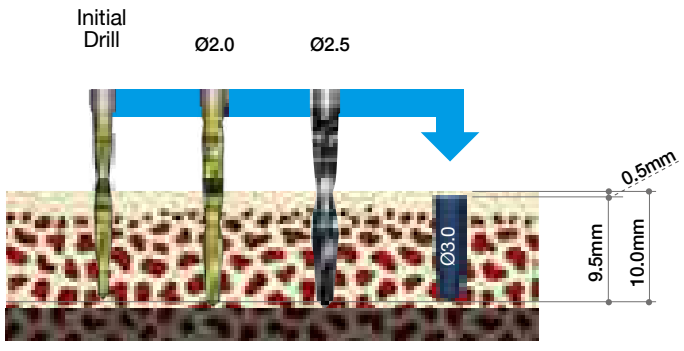


The actual lengths of MiNi™ internal fixtures are 0.5mm shorter than the depth markings of a Shaping Drill. Therefore, the fixture will be placed 0.5mm under the crest automatically.

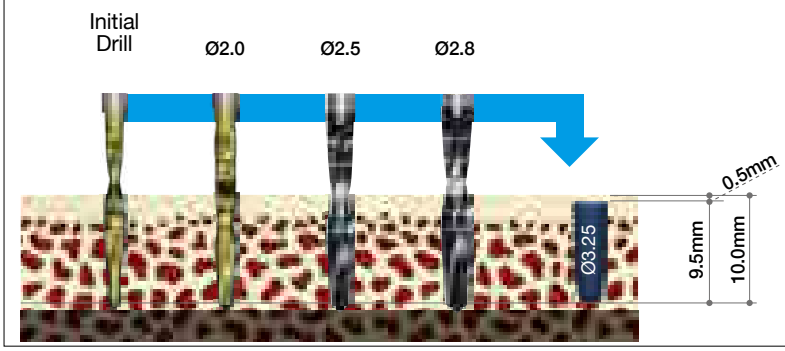


Actual drilling depth 10.5mm = 0.5mm subcrestal + 9.5mm actual fixture length + 0.5mm Y value
* Fixture Ø3.0 (Y value = 0.5mm), Ø3.25 (Y value = 0.6mm)

➲ Surgical drilling sequence



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

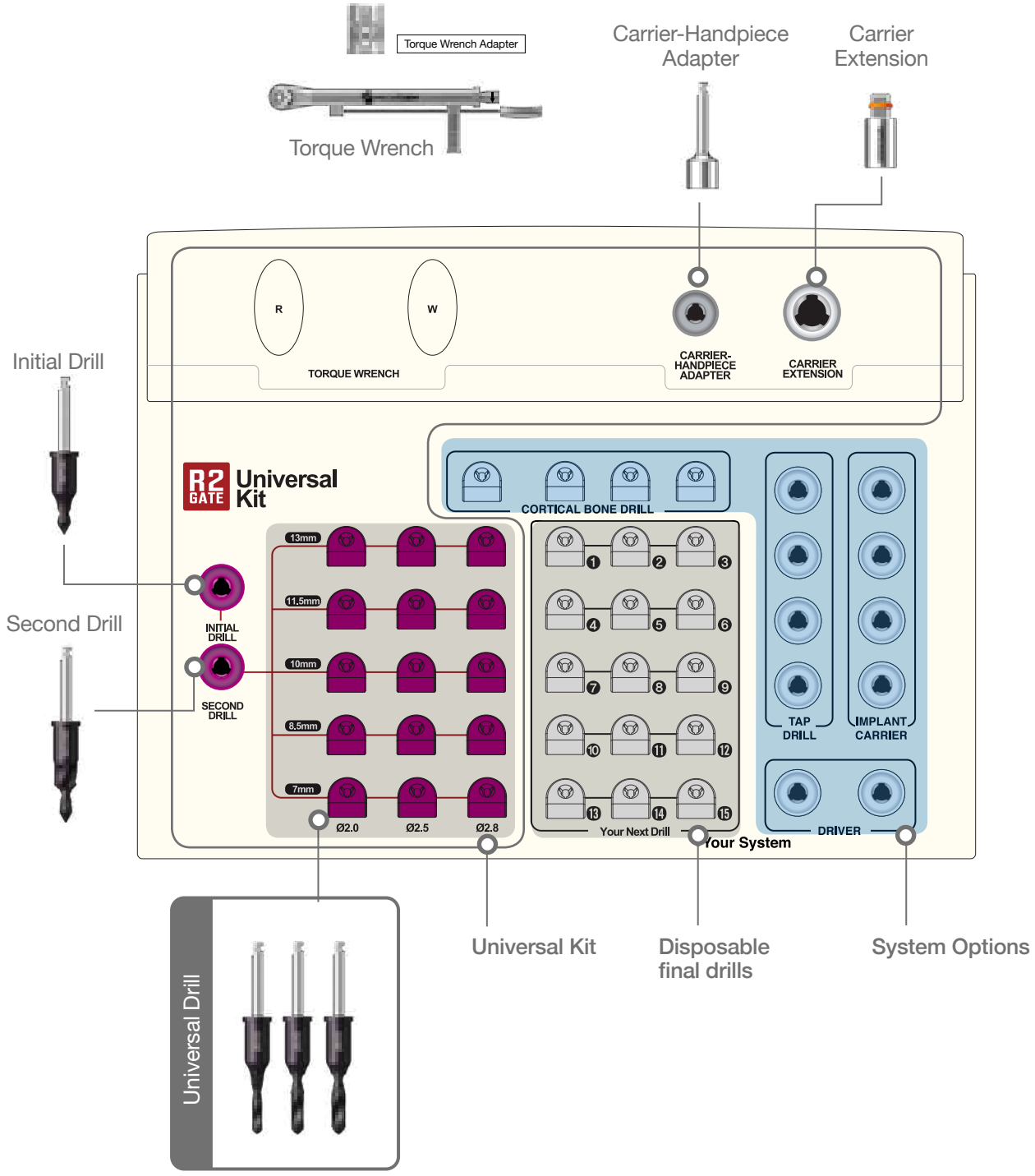
AryRidge / AryRidge Octa 1 / AnyOne MiNi / ST BoneLevel(Straumann) / Nobel Active(Nobel Biocare) / SuperLine(Dentium) / TSIII(Osstem)

(Available system can be varied by country due to registration process)

Intermediate & final drill will be delivered with R2GATE Guide™

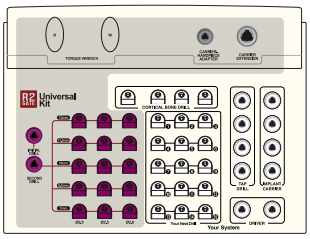
Product coordinator : Jung Ho Nam, rnd_implant1@imegagen.com

R2GATE Universal Kit



Drills & Components for R2GATE Universal Kit

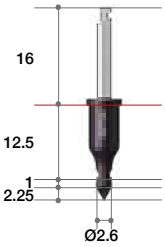
Basic drilling set for any implant system. It consists of initial drill, 2nd drill, universal drills and essential tools.



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.

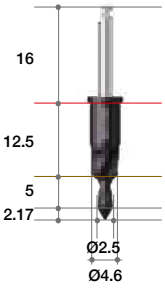
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø2.6	Ø5.0	1.0	R2ID2601



Second Drill

- This unique step-drill(from ⌀2.0 to ⌀4.6) is used to flare out the upper cortical bone of the osseotomy.
- 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.

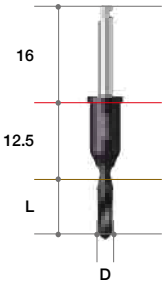
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø2.5	Ø5.0	5.0	R2SD2505



Stopper Drill

- Universal drills consist of ⌀2.0, ⌀.2.5, ⌀2.8 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		6.5	R2SD2507
		8.0	R2SD2508
		9.5	R2SD2510
		11.0	R2SD2511
		12.5	R2SD2513
Ø2.8		6.5	R2SD2807
		8.0	R2SD2808
		9.5	R2SD2810
		11.0	R2SD2811
		12.5	R2SD2813



Carrier-Handpiece Adapter

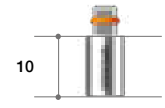
- Useful to use the handpiece for the implant placement following initial delivery of a fixture with a fixture carrier ratchet type.

Square	Ref.C
4.0	AGHA

Carrier Extension

- To extend the length of implant carrier.

Square	Ref.C
4.0	MRE400S



Torque Wrench & Adapter

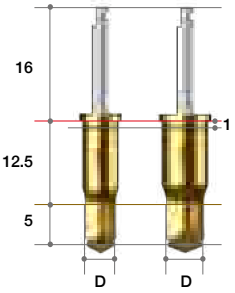
- Torque Wrench has torque options from 15Ncm to 45Ncm and is used for the placement of an implant and final tightening of the Abutment Screw.

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		R2CD5305
Ø5.8			R2CD5805
Ø6.3			R2CD6305

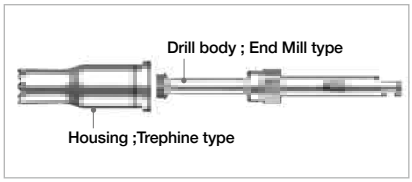


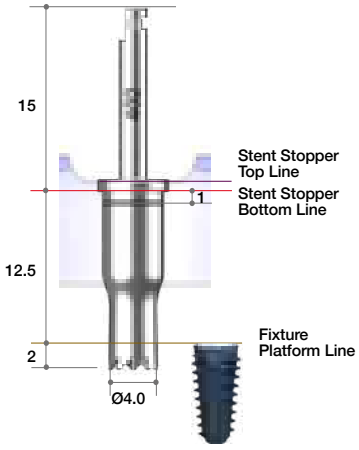
➲ Optional Instrument

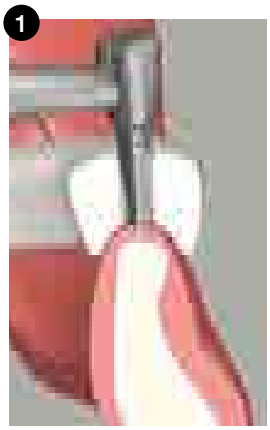
Narrow Crest Drill

- 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

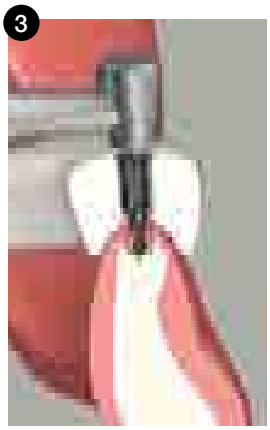




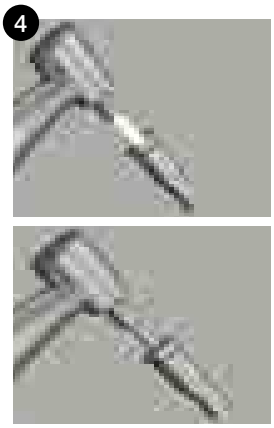


1 Set the site by drilling counter-clockwisely with low speed (≤100rpm)

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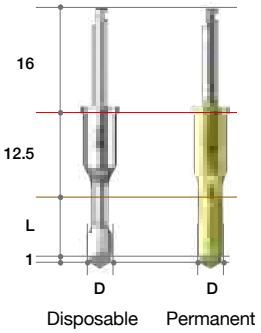
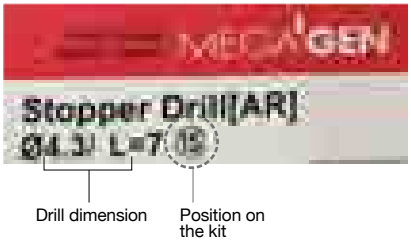
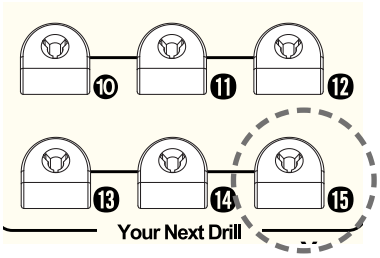
		13/0	R2PS5813	R2DS5813



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 Coping


PMMA Provisional Crown


ZrGEN Monolithic


ZrGEN Crown


ZrGEN Bridge


ZrGEN Coping for PFZ

ZrGEN® Sub Structure


ZrGEN


Zirconia customized body


Zirconia Final Crown

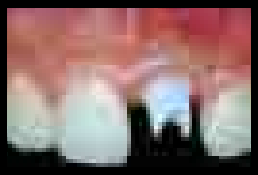
ZrGEN®

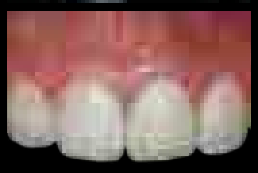
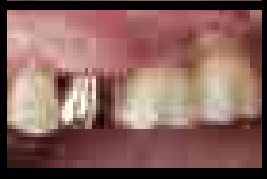
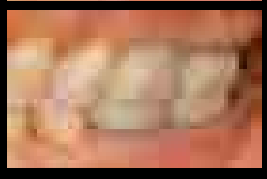
The strength of ZrGEN® frees you from the chipping of conventional PFM prosthesis. Monolithic zirconia crowns have no metal substructure, ensuring more aesthetic results. ZrGEN® crown and bridge are a superior substitutes for all conventional dental materials.


Tooth shade cuff area


Minimized Ti-connection

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.

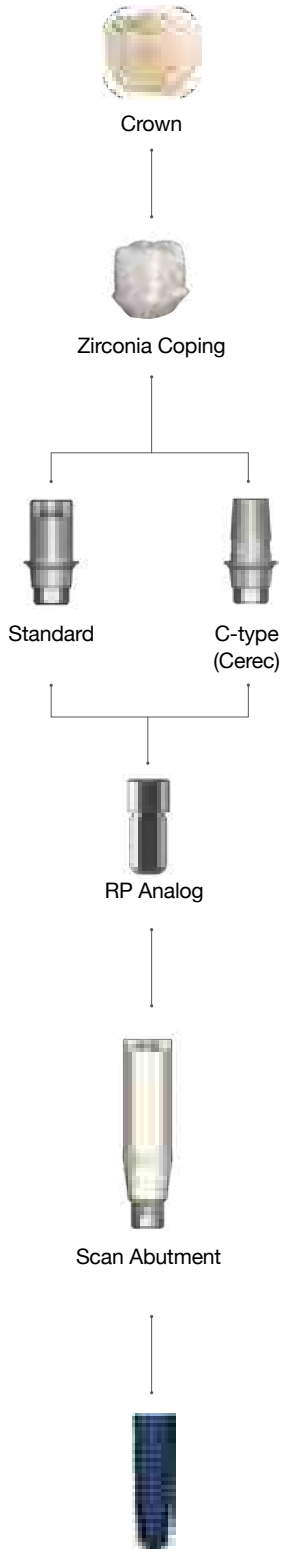


Product coordinator : Jung Ho Nam, rnd_implant1@imegagen.com

➲ 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 Chairside/ Labside
- Included spare Abutment Screw
- Surpporting Dental CAD
  - 3 Shape
  - Exocad
  - Dental Wings

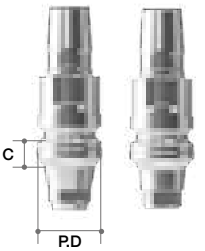
System	Profile Diameter	Length (mm)	Type	Ref.C
AnyRidge	Ø4.0	9	-	AANISR4009T
		13	-	AANISR4013T
AnyRidge Octa 1	Ø4.0	13	NC	AROSANT
			RC	AROSART
AnyOne Internal	Ø4.0	9	-	AAOISR4009T
		13	-	AAOISR4013T
AnyOne External		9	Small	AEXESS4009T
		13		AEXESS4013T
		9	Regular	AEXESR4009T
		13		AEXESR4013T
AnyOne OneStage	Ø4.0	13	Cuff 1.8	AEXISR4010T
MiNi	3.5	9	-	MISS3509T
		13	-	MISS3513T
ST	Ø4.0	9	Small	OSGSSC3110T
		13		OSGSSC3111T
		9	Regular	OSGSSC3210T
		13		OSGSSC3211T
Octa Level	Ø4.0	11	-	AOCESC4011T
MUA Level (N-Type)	Ø4.0	13	-	AMUASR4013T

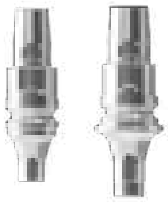
Scan Abutmet (C-type)

- 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		ARICSS3805T
			1		ARICSS3810T
			2		ARICSS3820T
		Ø5.5	0.5	Large	ARICSL4505T
			1		ARICSL4510T
			2		ARICSL4520T
AnyRidge Octa 1	NC	Ø3.9	0.5	Small	AROCSS3405NT
			1		AROCSS3410NT
			2		AROCSS3420NT
		Ø4.3	0.5		AROCSS3805NT
			1		AROCSS3810NT
			2		AROCSS3820NT
	RC	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





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

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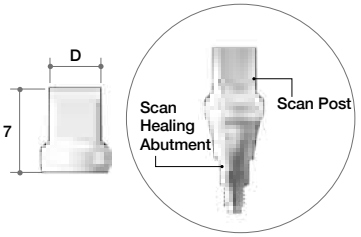
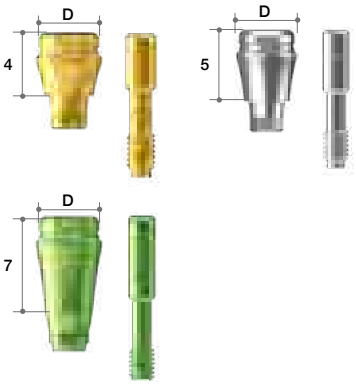
- Scan Healing Abutment should be exposed 2.0mm from the surgical site for accurate scanning. Scanning would be much easier if you connect Scan Post when scanning seems difficult due to less exposure of Scan Healing Abutment or other conditions.
- Select Scan Post based on the diameter of Scan Healing 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	NC	Ø4.0	SP4007.MTN	4	AROISHN4004T
				5	AROISHN4005T
				7	AROISHN4007T
		Ø5.0	SP5007.MTN	4	AROISHN5004T
				5	AROISHN5005T
				7	AROISHN5007T
	RC	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

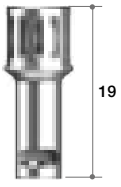


* If Scan Healing Abutment is exposed more than 2.5mm, it may unstablize a fixture and results in fixture failure.



Scan Post Carrier

System	Length	Ref.C
Commom	19	SPC16

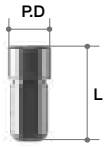


RP Analog Option

RP Analog

- For Chairside/ Labside
- Included spare Abutment Screw
- Surpporting 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
			-	CAOIAR4009
AnyOne External	Ø3.5	9	Small	CEXEAS3509
	Ø4.1		Regular	CEXEAR4109
	Ø5.0		Wide	CEXEAW5009
AnyOne OneStage	Ø4.8	9	Cuff 1.8	OSRA18
MiNi	Ø3.0	9	-	CMIIAN3009
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



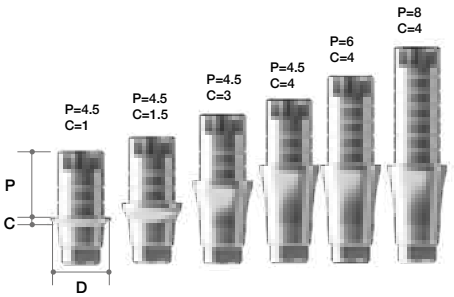
NEW!!

➲ 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
		0.6	4.5	Non-Hex	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	0.6	4.5	Hex	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
		0.6	4.5	Non-Hex	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

System		Diameter	Cuff Height	Post Height	Type	Ref.C
AnyRidge Octa 1	NC	Ø4.0	0.6	4.5	-	AROZGN4015.MTN
			1.5			AROZGN4025.MTN
			3.0			AROZGN4035.MTN
			4.0			AROZGN4045.MTN
			0.6	6.0		AROZGN4016.MTN
			1.5			AROZGN4026.MTN
			3.0			AROZGN4036.MTN
			4.0			AROZGN4046.MTN
			0.6	8.0		AROZGN4018.MTN
			1.5			AROZGN4028.MTN
			3.0			AROZGN4038.MTN
			4.0			AROZGN4048.MTN
	RC	Ø4.5	0.6	4.5		AROZGR4515.MTN
			1.5			AROZGR4525.MTN
			3.0			AROZGR4535.MTN
			4.0			AROZGR4545.MTN
			0.6	6.0		AROZGR4516.MTN
			1.5			AROZGR4526.MTN
			3.0			AROZGR4536.MTN
			4.0			AROZGR4546.MTN
			0.6	8.0		AROZGR4518.MTN
			1.5			AROZGR4528.MTN
			3.0			AROZGR4538.MTN
			4. 0			AROZGR4548.MTN
MUA Level		Ø5.5	0.8	5	N-Type (Nobel)	AMUAPR5515N.MTN
				6		AMUAPR5516N.MTN
				8		AMUAPR5518N.MTN
			1.7	5		AMUAPR5525N.MTN
				6		AMUAPR5526N.MTN
				8		AMUAPR5528N.MTN
			3.0	5		AMUAPR5535N.MTN
				6		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
		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
		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	0.6	4.5	Hex	AEXEPS4015.MTN
	Ø4.2		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		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	0.6	4.5		AEXEPR4515.MTN
	Ø4.5		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	0.6	4.5		AEXEPW5515.MTN
	Ø5.5		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	0.6	4.5	Octa	AEXIPR5015.MTN
	Ø4.8		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
MiNi		Ø3.0	0.6	2.5	Hex	MIPN3013.MTN
				2.5	Non-Hex	MIPN3013N.MTN
ST	Small	Ø4.0	0.6	4.5	Hex	OSGSPA3111.MTN
				6		OSGSPA3112.MTN
				8		OSGSPA3113.MTN
			1.5	4.5		OSGSPA3121.MTN
				6		OSGSPA3122.MTN
				8		OSGSPA3123.MTN
			3.0	4.5		OSGSPA3131.MTN
				6		OSGSPA3132.MTN
				8		OSGSPA3133.MTN
			4.0	4.5		OSGSPA3141.MTN
				6		OSGSPA3142.MTN
				8		OSGSPA3143.MTN
			0.6	4.5	Non-Hex	OSGSPA3111N.MTN
				6		OSGSPA3112N.MTN
				8		OSGSPA3113N.MTN
			1.5	4.5		OSGSPA3121N.MTN
				6		OSGSPA3122N.MTN
				8		OSGSPA3123N.MTN
			3.0	4.5		OSGSPA3131N.MTN
				6		OSGSPA3132N.MTN
				8		OSGSPA3133N.MTN
			4.0	4.5		OSGSPA3141N.MTN
				6		OSGSPA3142N.MTN
				8		OSGSPA3143N.MTN
	Regular	Ø4.0	0.6	4.5	Hex	OSGSPA3211.MTN
				6		OSGSPA3212.MTN
				8		OSGSPA4018.MTN
			1.5	4.5		OSGSPA4025.MTN
				6		OSGSPA4026.MTN
				8		OSGSPA4028.MTN
			3.0	4.5		OSGSPA4035.MTN
				6		OSGSPA4036.MTN
				8		OSGSPA4038.MTN
			4.0	4.5		OSGSPA4045.MTN
				6		OSGSPA4046.MTN
				8		OSGSPA4048.MTN
			0.6	4.5	Non-Hex	OSGSPA3211N.MTN
				6		OSGSPA3212N.MTN
				8		OSGSPA4018N.MTN
			1.5	4.5		OSGSPA4025N.MTN
				6		OSGSPA4026N.MTN
				8		OSGSPA4028N.MTN
			3.0	4.5		OSGSPA4035N.MTN
				6		OSGSPA4036N.MTN
				8		OSGSPA4038N.MTN
			4.0	4.5		OSGSPA4045N.MTN
				6		OSGSPA4046N.MTN
				8		OSGSPA4048N.MTN
		Ø4.5	0.6	4.5	Hex	OSGSPA4515.MTN
				6		OSGSPA4516.MTN
				8		OSGSPA4518.MTN
			1.5	4.5		OSGSPA3221.MTN
				6		OSGSPA3222.MTN
				8		OSGSPA4528.MTN
			3.0	4.5		OSGSPA4535.MTN
				6		OSGSPA4536.MTN
				8		OSGSPA4538.MTN
			4.0	4.5		OSGSPA4545.MTN
				6		OSGSPA4546.MTN
				8		OSGSPA4548.MTN
			0.6	4.5	Non-Hex	OSGSPA4515N.MTN
				6		OSGSPA4516N.MTN
				8		OSGSPA4518N.MTN
			1.5	4.5		OSGSPA3221N.MTN
				6		OSGSPA3222N.MTN
				8		OSGSPA4528N.MTN
			3.0	4.5		OSGSPA4535N.MTN
				6		OSGSPA4536N.MTN
				8		OSGSPA4538N.MTN
			4.0	4.5		OSGSPA4545N.MTN
				6		OSGSPA4546N.MTN
				8		OSGSPA4548N.MTN

System		Diameter	Cuff Height	Post Height	Type	Ref.C
Octa Level	Small	Ø5.0	0.8	5	Octa	AOCEPS5015.MTN
				6		AOCEPS5016.MTN
				8		AOCEPS5018.MTN
			1.7	5		AOCEPS5025.MTN
				6		AOCEPS5026.MTN
				8		AOCEPS5028.MTN
			3.0	5		AOCEPS5035.MTN
				6		AOCEPS5036.MTN
				8		AOCEPS5038.MTN
			4.0	5		AOCEPS5045.MTN
				6		AOCEPS5046.MTN
				8		AOCEPS5048.MTN
			0.8	5	Non-Octa	ANOEPS5015.MTN
				6		ANOEPS5016.MTN
				8		ANOEPS5018.MTN
			1.7	5		ANOEPS5025.MTN
				6		ANOEPS5026.MTN
				8		ANOEPS5028.MTN
			3.0	5		ANOEPS5035.MTN
				6		ANOEPS5036.MTN
				8		ANOEPS5038.MTN
			4.0	5		ANOEPS5045.MTN
				6		ANOEPS5046.MTN
				8		ANOEPS5048.MTN
	Regular	Ø5.5	0.8	5	Octa	AOCEPR5515.MTN
				6		AOCEPR5516.MTN
				8		AOCEPR5518.MTN
			1.7	5		AOCEPR5525.MTN
				6		AOCEPR5526.MTN
				8		AOCEPR5528.MTN
			3.0	5		AOCEPR5535.MTN
				6		AOCEPR5536.MTN
				8		AOCEPR5538.MTN
			4.0	5		AOCEPR5545.MTN
				6		AOCEPR5546.MTN
				8		AOCEPR5548.MTN
			0.8	5	Non-Octa	ANOEPR5515.MTN
				6		ANOEPR5516.MTN
				8		ANOEPR5518.MTN
			1.7	5		ANOEPR5525.MTN
				6		ANOEPR5526.MTN
				8		ANOEPR5528.MTN
			3.0	5		ANOEPR5535.MTN
				6		ANOEPR5536.MTN
				8		ANOEPR5538.MTN
			4.0	5		ANOEPR5545.MTN
				6		ANOEPR5546.MTN
				8		ANOEPR5548.MTN
	Wide	Ø6.5	0.8	5	Octa	AOCEPW6515.MTN
				6		AOCEPW6516.MTN
				8		AOCEPW6518.MTN
			1.7	5		AOCEPW6525.MTN
				6		AOCEPW6526.MTN
				8		AOCEPW6528.MTN
			3.0	5		AOCEPW6535.MTN
				6		AOCEPW6536.MTN
				8		AOCEPW6538.MTN
			4.0	5		AOCEPW6545.MTN
				6		AOCEPW6546.MTN
				8		AOCEPW6548.MTN
			0.8	5	Non-Octa	ANOEPW6515.MTN
				6		ANOEPW6516.MTN
				8		ANOEPW6518.MTN
			1.7	5		ANOEPW6525.MTN
				6		ANOEPW6526.MTN
				8		ANOEPW6528.MTN
			3.0	5		ANOEPW6535.MTN
				6		ANOEPW6536.MTN
				8		ANOEPW6538.MTN
			4.0	5		ANOEPW6545.MTN
				6		ANOEPW6546.MTN
				8		ANOEPW6548.MTN

Extra

System	Fixture Core	Diameter	Cuff Height	Post Height	Type	Ref.C
AnyRidge	Core 3.3	Ø4.5	0.6	4.5	Hex	ARZXN4515.MTN
				6		ARZXN4516.MTN
				8		ARZXN4518.MTN
			1.5	4.5		ARZXN4525.MTN
				6		ARZXN4526 .MTN
				8		ARZXN4528 .MTN
			3.0	4.5		ARZXN4535.MTN
				6		ARZXN4536.MTN
				8		ARZXN4538.MTN
			4.0	4.5		ARZXN4545.MTN
				6		ARZXN4546 .MTN
				8		ARZXN4548 .MTN
			0.6	4.5	Non -Hex	ARZXN4515N.MTN
				6		ARZXN4516N.MTN
				8		ARZXN4518N.MTN
			1.5	4.5		ARZXN4525N.MTN
				6		ARZXN4526N.MTN
				8		ARZXN4528N.MTN
			3.0	4.5		ARZXN4535N.MTN
				6		ARZXN4536N.MTN
				8		ARZXN4538N.MTN
			4.0	4.5		ARZXN4545N.MTN
				6		ARZXN4546N.MTN
				8		ARZXN4548N.MTN
	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
			0.6	4.5	Non -Hex	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
		Ø5.5	0.6	4.5	Hex	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
			0.6	4.5	Non -Hex	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

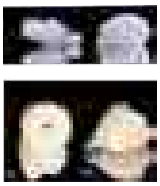
Extra

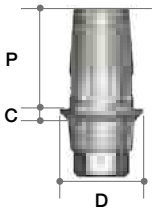
System	Fixture Core	Diameter	Cuff Height	Post Height	Type	Ref.C
AnyRidge	Core4.0	Ø5.0	0.6	4.5	Hex	ARZXM5015.MTN
				6		ARZXM5016.MTN
				8		ARZXM5018.MTN
			1.5	4.5		ARZXM5025.MTN
				6		ARZXM5026.MTN
				8		ARZXM5028.MTN
			3.0	4.5		ARZXM5035.MTN
				6		ARZXM5036.MTN
				8		ARZXM5038.MTN
			4.0	4.5		ARZXM5045.MTN
				6		ARZXM5046.MTN
				8		ARZXM5048.MTN
			0.6	4.5	Non -Hex	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	0.6	4.5	Hex	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
			0.6	4.5	Non -Hex	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

System	Fixture Core	Diameter	Cuff Height	Post Height	Type	Ref.C
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	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	0.6	4.5	Hex	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
			0.6	4.5	Non -Hex	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

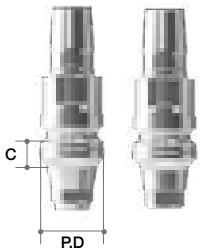
System		Diameter	Cuff Height	Post Height	Post Size	Ref.C
AnyRidge		Ø3.9	0.5	4.7	Small	ARCS3405.MTN
			1			ARCS3410.MTN
			2			ARCS3420.MTN
		Ø4.3	0.5			ARCS3805.MTN
			1			ARCS3810.MTN
			2			ARCS3820.MTN
		Ø5.5	0.5		Large	ARCL4505.MTN
			1			ARCL4510.MTN
			2			ARCL4520.MTN
AnyRidge Octa 1	NC	Ø3.9	0.5	4.5	Small	AROCSN3405.MTN
			1.0			AROCSN3410.MTN
			2.0			AROCSN3420.MTN
		Ø4.3	0.5			AROCSN3805.MTN
			1.0			AROCSN3810.MTN
			2.0			AROCSN3820.MTN
	RC	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	S connection	Ø3.9	0.5		Small	STCSS3405.MTN
			1			STCSS3410.MTN
			2			STCSS3420.MTN
		Ø4.3	0.5			STCSS3805.MTN
			1			STCSS3810.MTN
			2			STCSS3820.MTN
	R connection	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

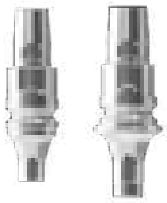
Scan Abutmet (C-type)

- 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	NC	Ø3.9	0.5	Small	AROCSS3405NT
			1		AROCSS3410NT
			2		AROCSS3420NT
		Ø4.3	0.5		AROCSS3805NT
			1		AROCSS3810NT
			2		AROCSS3820NT
	RC	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 (MIAZ1410)
  . ST(OSGSAS3110/OSGSAS3210)
  . Octa Level(IRCS200)
  . AnyRidge Octa 1(AROAS16B/ AROAS16)

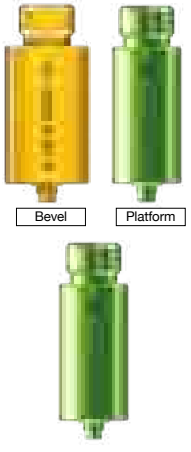
- Pre-milled Abutment
- 1Set(=Abutment 10ea)
  - included spare Abutment Screw
- Supporting DentalCAD
  - 3Shape
  - Exocad
  - Dental Wings

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	NC	Gold	Ø10			AROTGN1020.MTN
			Ø12			AROTGN1220.MTN
	RC	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
						AETR1220.MTN
						AETW1220.MTN
MiNi		N/A	Ø10		Hex	MITN1020.MTN
					Non-Hex	MITN1020N.MTN
ST	Small	Sky	Ø10		Hex	OSTG3112.MTN
					Non-Hex	OSTG3112N.MTN
			Ø12		Hex	OSTG3111.MTN
					Non-Hex	OSTG3111N.MTN
	Regular		Ø10		Hex	OSTG3212.MTN
					Non-Hex	OSTG3212N.MTN
			Ø12		Hex	OSTG3211.MTN
					Non-Hex	OSTG3211N.MTN
Octa Level	Small	N/A	Ø10		Octa	OCTS1020.MTN
					Non-Octa	NOTS1020.MTN
			Ø12		Octa	OCTS1220.MTN
					Non-Octa	NOTS1220.MTN
	Regular		Ø10		Octa	OCTR1020.MTN
					Non-Octa	NOTR1020.MTN
			Ø12		Octa	OCTR1220.MTN
					Non-Octa	NOTR1220.MTN
	Wide		Ø10		Octa	OCTW1020.MTN
					Non-Octa	NOTW1020.MTN
			Ø12		Octa	OCTW1220.MTN
					Non-Octa	NOTW1220.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
					Non-Hex	ARTXM1020N.MTN
			Ø12		Hex	ARTXM1220.MTN
					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

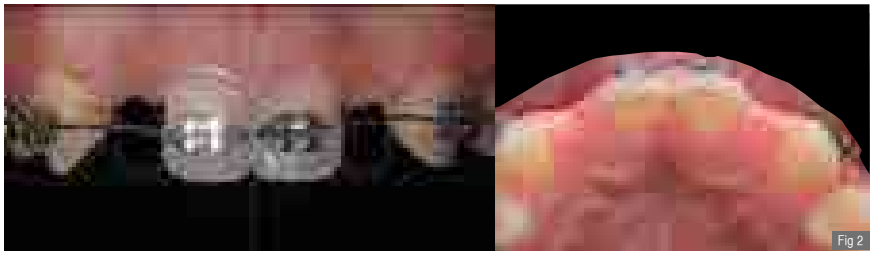
Fig 2. DSD analysis. The yellow dotes shows where the right canine should be moved for better smile outcome

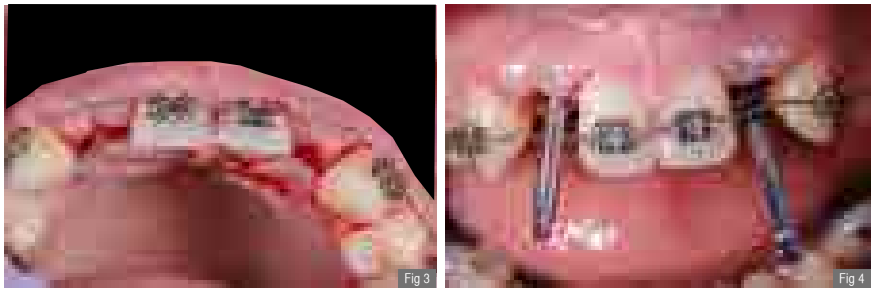
Fig 3. Details of incision design. Front view

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.





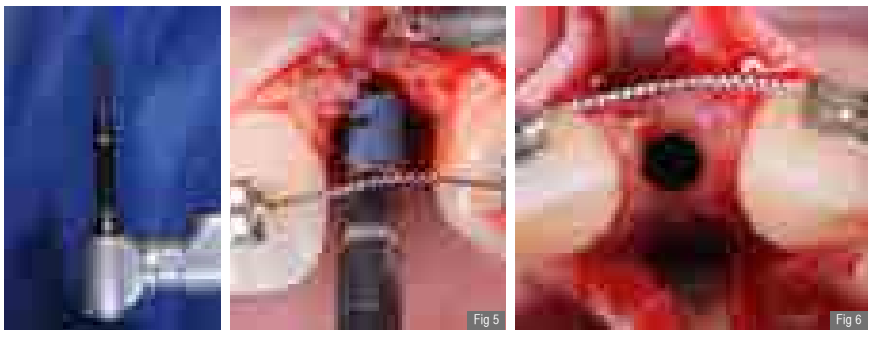


Fig 7. Sutured implant sites. Frontal view

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 temporay cementation of the provisionals.


Fig 7

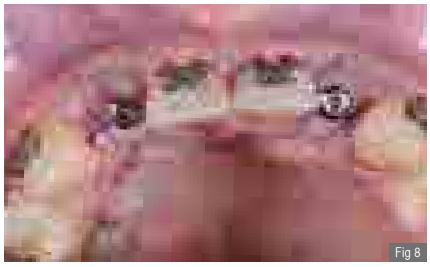


Fig 8

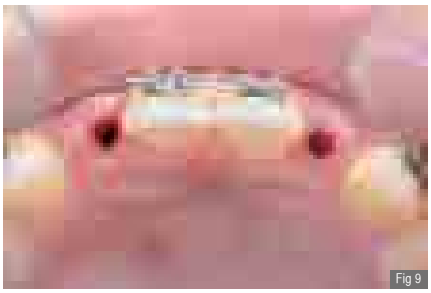


Fig 9


Fig 10

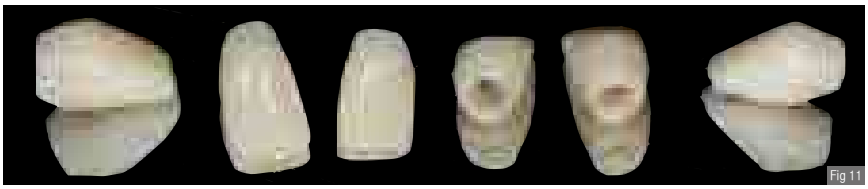


Fig 11


Fig 12


Fig 13


Fig 14

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