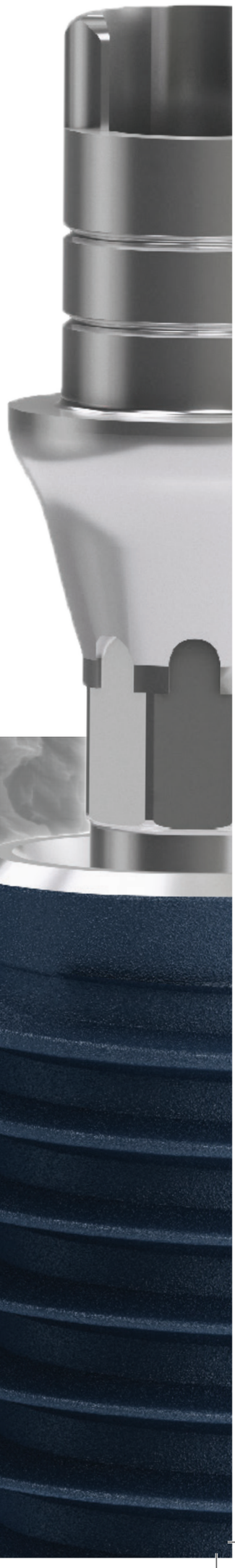
ANYRIDGE®OCTA1
by MEGA'GEN

Key Advantages

Higer compressive & fatigue strength with long-term biological stability

Accurate positioning & excellent prosthetic connection (X-Fit™)

Excellent solution for multi-unit restorations



Product coordinator: Hyun wook An, rnd_dir@imeg

Characteristics & Advantages

I. Features & benefits

Making life simple...

the AnyRidge way

ANYRIDGE® OCTA1

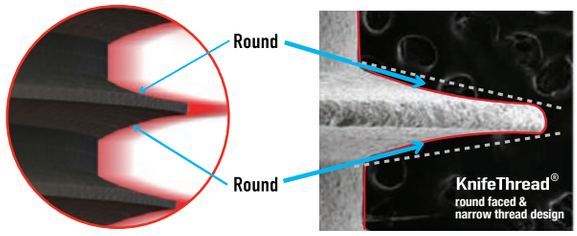
Making life simple...

II. Biologically-inspired design

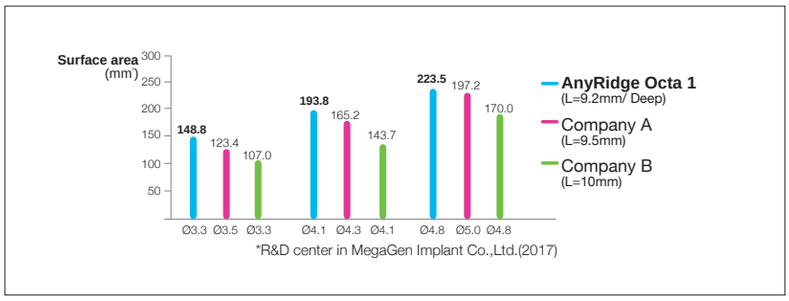
KnifeThread® guarantees sustained implant stability

Thanks to MegaGen's unique KnifeThread® and super self-tapping design, better initial stability can be attained in any compromised bone situation. The design enables bone condensing, gentle ridge expansion, maximized compressive force resistance, and minimized shear force production.

1. Stable dispersion of stress with buttress thread shape
2. Easier insertion with sharp thread shape
3. Increased surface area of round side compared with straight side

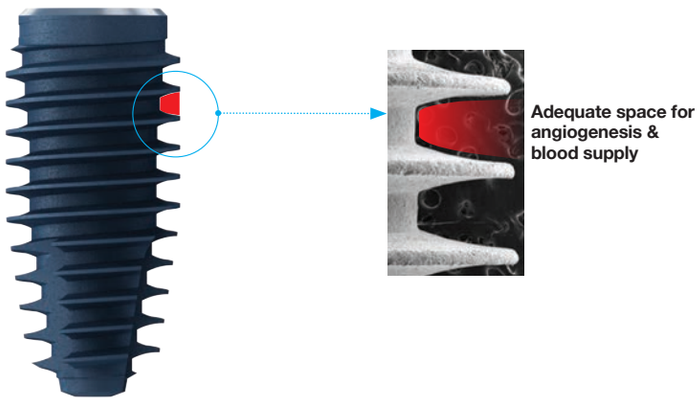


- √ Excellent initial stability
- √ Extraordinary BIC
- √ Special cutting efficiency during insertion
- √ High resistance to compressive force
- √ Minimized occurrence of shear force
- √ Maximized surface area



The large inter-thread area supports angiogenesis & sustained blood supply

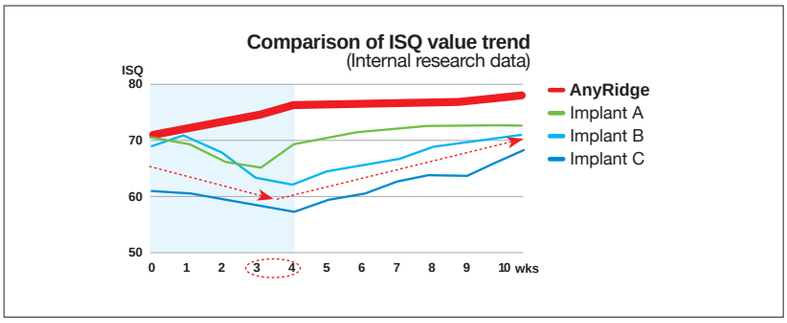
KnifeThread design of AnyRidge Octa 1 implant creates maximum space for blood supply



[AnyRidge Octa 1]

Final prosthetics in ONLY 4 weeks

* Immediate loading of tapered implants placed in postextraction sockets and healed Sites J Craniofac Surg 2016; 00: 00–00
* Implant Stability in the Posterior Maxilla: A Controlled Clinical Trial BioMed Research International Article ID 6825213



Two simple options for better initial stability

* Same core diameter, different thread depths

· **Regular Thread** for hard bone
Easy & simple placement

· **Deep Thread** for soft/compromised bone
Extended thread design provides stronger initial stability


Regular Thread

Deep Thread

	Fixture Diameter				
	∅3.3	∅3.7	∅4.1	∅4.4	∅4.8
Regular Thread					
Thread depth	0.4	0.4	0.45	0.45	0.4
Deep Thread					
Thread depth	0.6	0.6	0.65	0.6	0.65

Crestal bone preservation for better long-term esthetics

Maximum preservation of cortical bone

*** More cortical bone**
= more soft tissue volume
= beautiful gingival line

No dependence on cortical bone for initial stability; decreased stress on cortical bone helps to prevent bone resorption after implantation

Advanced coronal design allows maximum cortical bone preservation around implants

Beyond osseointegration, AnyRidge Octa 1assures beautiful gingival line by preserving & maintaining more cortical bone

Taper design

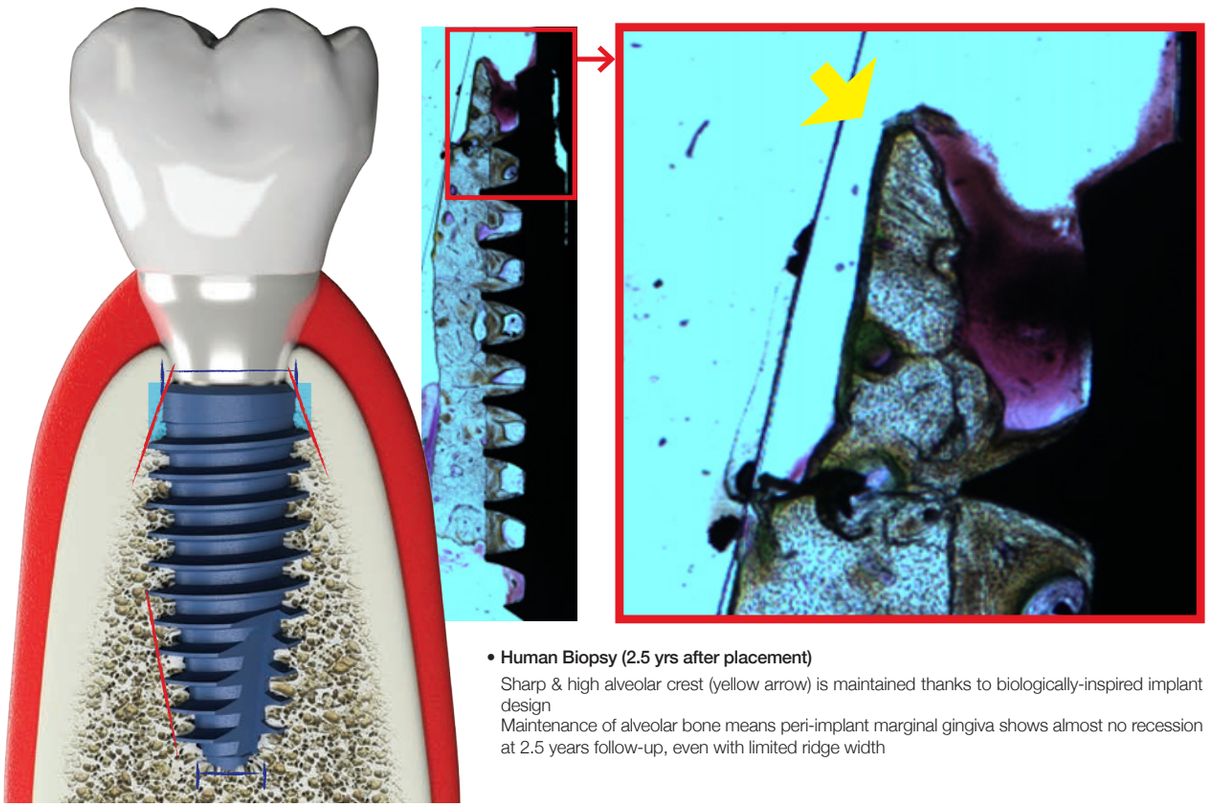
Easy to place & guarantees excellent initial stability

Wider fixture in narrow crest

Maximizes long-term fixture survival

Narrow core diameter

For soft bone, a wider fixture in a small osteotomy socket is important to preserve the marginal hard & soft tissues



- **Human Biopsy (2.5 yrs after placement)**
  Sharp & high alveolar crest (yellow arrow) is maintained thanks to biologically-inspired implant design
  Maintenance of alveolar bone means peri-implant marginal gingiva shows almost no recession at 2.5 years follow-up, even with limited ridge width

III. Strong & predictable material

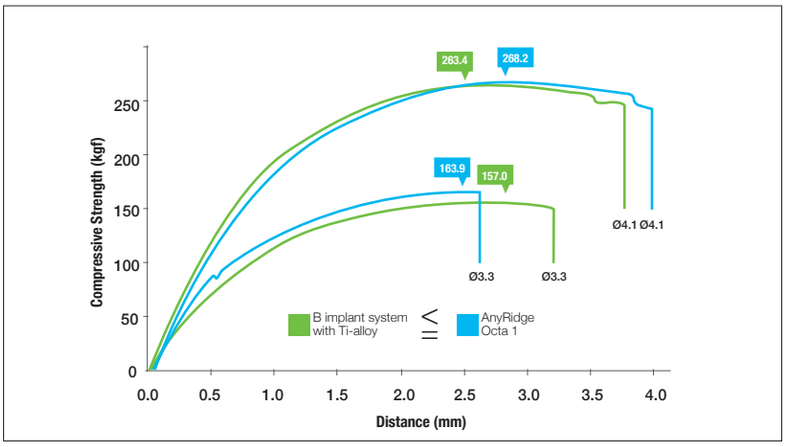
Higher compressive & fatigue strength with long-term biological stability

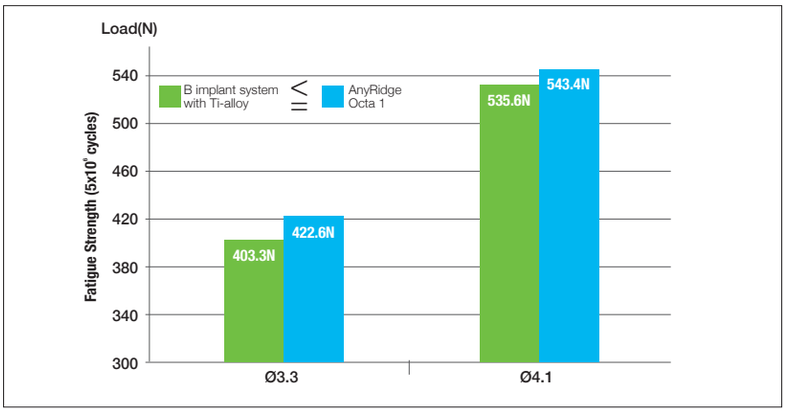
AnyRidge Octa1 fixtures are made of pure cold-worked medical-grade 4 titanium to ensure high compressive & fatigue strength for long-term biological stability

The overall strength of the implant system has been improved by optimizing (i) the thickness and external shape of the fixture and abutment, (ii) the contact area between the fixture and the abutment, (iii) the abutment screw design and diameter, and (iv) the choice of titanium material.

Stronger than a strong implant

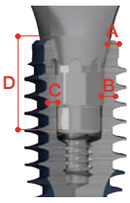
Clinical evidence over 20 years consistently supports the biocompatibility & long-term success of pure titanium implants. The morphology of the AnyRidge Octa1 implant in conjunction with Ti grade 4 has shown a higher compressive & fatigue strength than B implant system with Ti-alloy.





* Correlation between material & product strength under static & fatigue loads / Authors / JS Im, SI Yeo, KO Park, JH Lee, TY Kwon Korean J Dent Mater 45(1): 77-88, 2018

Wider parallel-wall thickness & contact area of fixture & abutment connection



More resistant to fracture than most other implant systems.

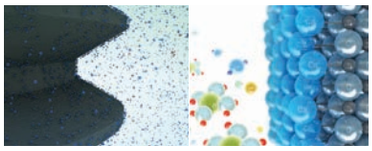
	Company A Ø4.3	Company B Ø4.1	AnyRidge Octa 1 Ø4.1
A	0.24	0.41	0.41
B(Edge)	0.37	0.39	0.43
C(Plan)	0.52	0.51	0.53
D(Depth)	2.10	4.40	4.40

*R&D Center, MegaGen Implant Co.,Ltd.(2018)

IV. Surface

Over 10 years of clinically proven excellent, rapid, & long-lasting osseointegration

The AnyRidge Octa1 surface treatment is XPEED®. Pure Grade 4 Titanium implants are treated with S-L-A and then a unique process that incorporates calcium ions creating a CaTiO3 nanostructure that activates osteoblasts.



XPEED®
S-L-A with nano Ca^{2+} incorporation

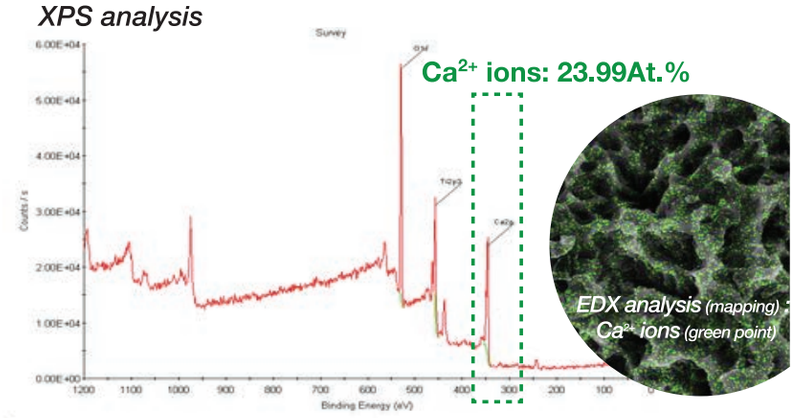
- Large amounts of cations are created on implant surface due to Ca^{2+}
- PO43 ions adhere to Ca^{2+}-rich layer, then Ca^{2+} re-adheres to PO43 layer
- This increased apatite layer accelerates mineralization to create hydroxyapatite

Ca^{2+} ions

Study showed larger amount of new bone formation on calcium-ion-implanted titanium compared to titanium at 2 days after implantation in rat tibia

Amount of hydroxyl radical on calcium-ion-implanted titanium and point of zero charge of constituent oxide of the surface-modified layer
T. HANAWA*à, M. KONà, H. DOI°, H. UKAI±, K. MURAKAMI±, H. HAMANAKA°, K. ASAOKAà

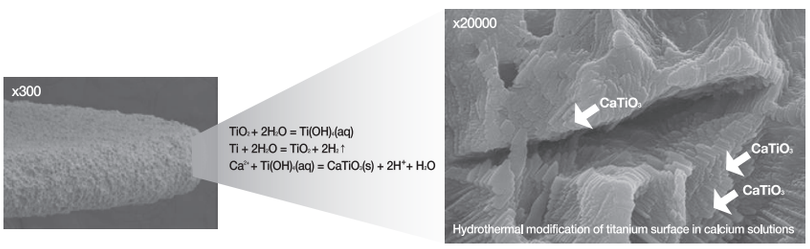
XPS analysis



CaTiO3 Nano-structure

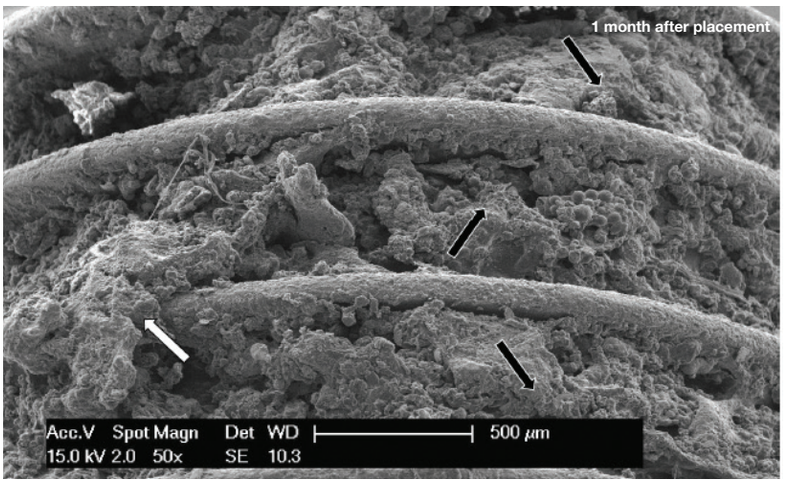
CaTiO3 has been shown to increase osseointegration with adjacent bone, thereby increasing implant stability

Increased osteoblast adhesion on titanium-coated hydroxylapatite that forms CaTiO3. Webster TJ, Ergun C, Doremus RH, Lanford WA.



Clinically proven

Histological studies in animals and humans consistently show rapid bone cell proliferation and long-term stability thanks to Xpeed's unique properties.



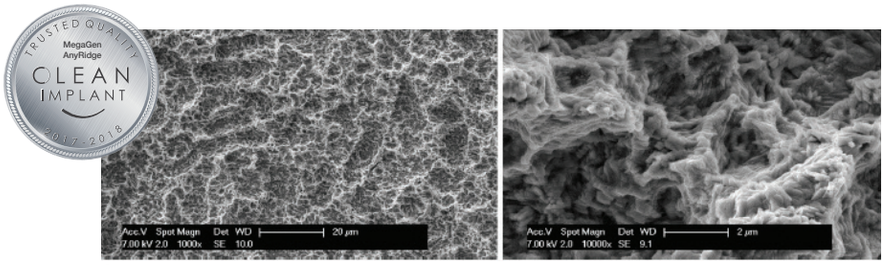
Voids among threads are entirely occupied by growing bone tissue (black arrows): new bone covering entire fixture confirms early osseointegration process. On left, bone patch crosses metal ridges (white arrow).

***Scanning Electron Microscope (SEM) Evaluation of Interface between Nanostructured Calcium-Incorporated Dental Implant Surface and Human Bone / Francesco Mangano / Materials (Basel). 2017 Dec; 10(12): 1438**

Blue surface guarantees safety

- **100% acid-residue-free surface**
  XPEED® process neutralizes any potential acid residue on S-L-A surface and is visible indication of cleanliness

- **Homogenous roughness value of Ra 1.8-2.5μm over whole fixture** guarantees more uniform bone growth

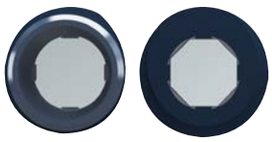


SEM photos show specimen is perfectly clean & devoid of any contamination

V. Click-in connection

Accurate positioning & excellent prosthetic connection

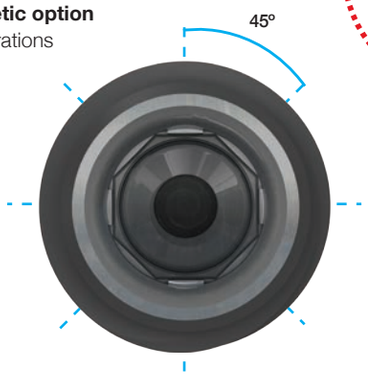
Long-term mechanical stability & minimized biologic width



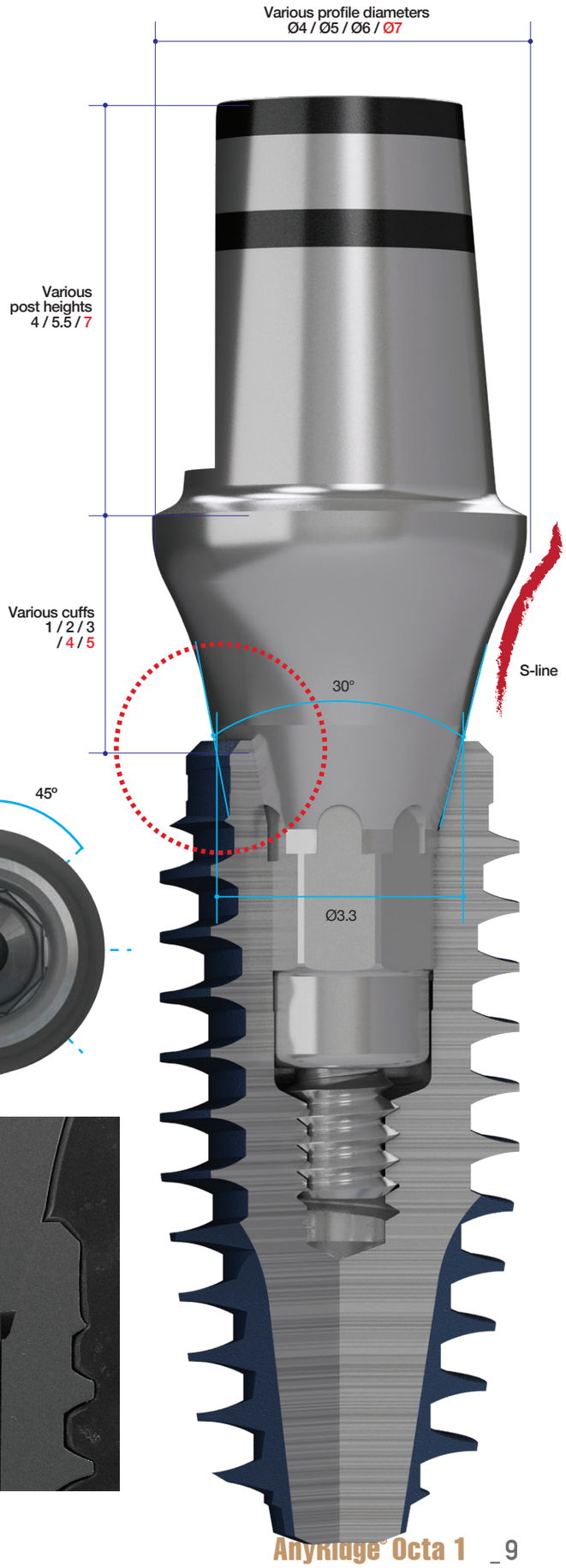
Feel the X-FIT™ moment!

AnyRidge Octa1 has a unique X-FIT™ connection with a 15° internal conical connection & double-fastened internal structure creating a keystone arch & octa combination

- **AnyRidge Octa 1 indexed prosthetics CLICK into place**
  8 possible prosthetic positions facilitate more precise positioning on angled abutments
  AnyRidge Octa 1 prosthetics are easily tightened when engaged with a CLICK!
- **Hermetic seal & long-term mechanical stability**
  Helping to maintain healthy crestal bone
- **AnyRidge Octa 1 connection & prosthetic option**
  offers excellent solution for multi-unit restorations



SEM Image x30

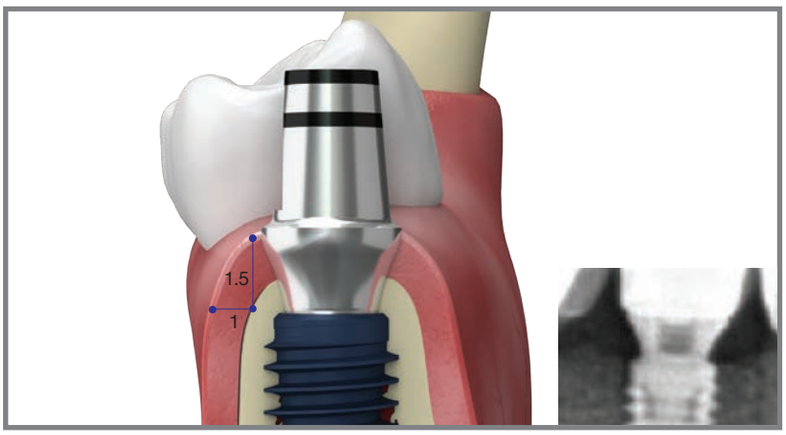


VI. Esthetic design & choice of abutments

Functional abutment design for excellent soft tissue response & a prosthetic solution for every indication

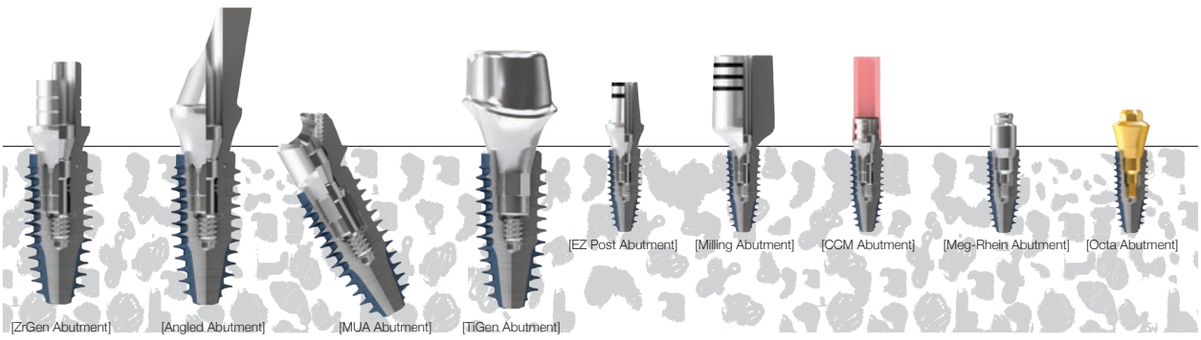
Biologic S-line

A better peri-implant biotype & better emergence profile are assured due to a double offset structure incorporating a thread-less collar on the fixture and S-line cuff design on the prosthetics



Broad prosthetic line-up from conventional to digital restorations

Every case, every shape, every size…everything has been considered to satisfy every clinical need



VII. Convenient surgical kit

Simple & intuitive drilling sequence

AnyRidge Octa 1 fixtures achieve optimum initial stability when used with a guided drilling sequence

AnyRidge Octa 1 surgical kit

	Lance	Shaping drills						Cortical Bone drills	Tap drills
		Ø2.5	Ø2.9	Ø3.3	Ø3.6	Ø3.9	Ø4.3		
									
rpm max	800	800	600	600	500	500	400	300	15

Stopper drills

Flattening drill

Clear drilling protocols according to fixture diameter & bone density

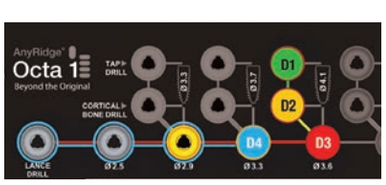
⇒*Refer to Page.358 for more information on drilling protocol*

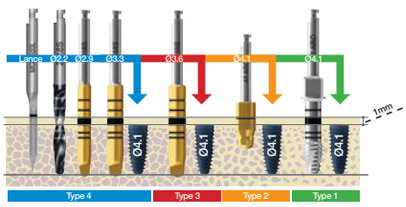
① Check fixture diameter to be inserted, colored rings indicate line-up of drills suitable for each fixture diameter

② Drilling sequence for each bone type is identified by color D3: red / D2: yellow / D1: green / D4: drill to previous stage of D3

③ If bone density or initial stability is not good enough, place a deep thread fixture with the same diameter & length as a normal thread implant using the same drill sequence

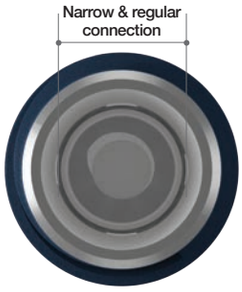
E.g. Drilling sequence: Ø4.1 normal thread & deep-thread fixture

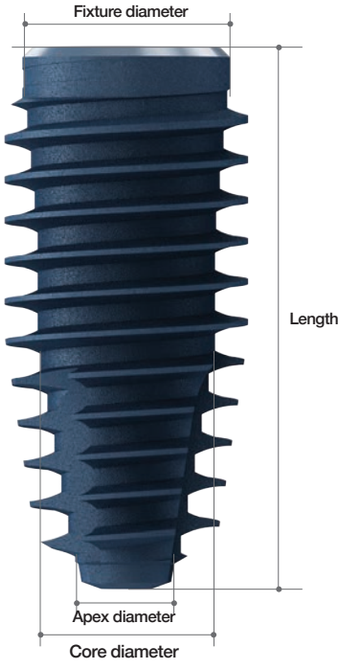


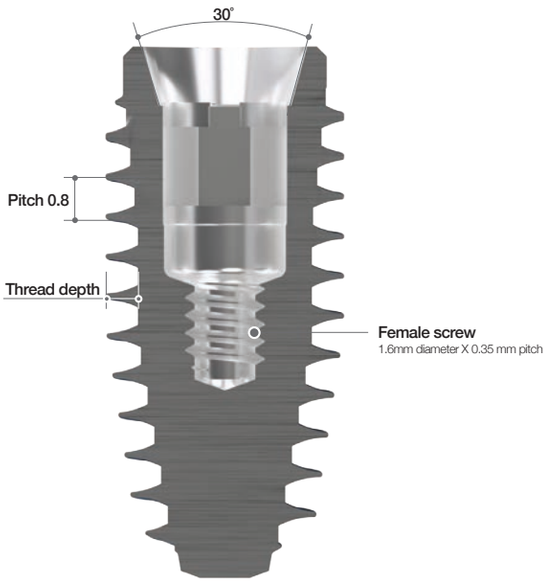


Fixture Product & Packaging

I. Fixture dimensions







Normal & Deep Threads

Fixture Diameter	Apex Diameter (Normal Thread)	Apex Diameter (Deep Thread)	Core Diameter	Thread Depth (Normal Thread)	Thread Depth (Deep Thread)	Length(mm)	Connection Diameter
Ø3.3	Ø2.1	Ø2.5	Ø2.8	0.4	0.6	7 / 7.7 / 9.2 / 10.7 / 12.2 / 14.2 / 17.2	Ø2.8
Ø3.7	Ø2.5	Ø2.9	Ø3.2	0.4	0.6		Ø2.8
Ø4.1	Ø2.9	Ø3.3	Ø3.5	0.45	0.65		Ø3.3
Ø4.4	Ø3.1	Ø3.5	Ø3.8	0.45	0.6		Ø3.3
Ø4.8	Ø3.3	Ø3.7	Ø4.2	0.4	0.65		Ø3.3

II. Fixture sizes (Continued)

NC Ø3.3

- Cover Screw included

NC

Fixture Diameter	Connection	Length (mm)	Ref.C
Ø3.3	NC	7	ARO3307C
		8.5	ARO3308C
		10	ARO3310C
		11.5	ARO3311C
		13	ARO3313C
		15	ARO3315C
		18	ARO3318C

NC Ø3.7

- Cover Screw included

NC

Fixture Diameter	Connection	Length (mm)	Ref.C
Ø3.7	NC	7	ARO3707C
		8.5	ARO3708C
		10	ARO3710C
		11.5	ARO3711C
		13	ARO3713C
		15	ARO3715C
		18	ARO3718C

RC Ø4.1

- Cover Screw included

RC

Fixture Diameter	Connection	Length (mm)	Ref.C
Ø4.1	RC	7	ARO4107C
		8.5	ARO4108C
		10	ARO4110C
		11.5	ARO4111C
		13	ARO4113C
		15	ARO4115C
		18	ARO4118C

RC Ø4.4

- Cover Screw included

RC

Fixture Diameter	Connection	Length (mm)	Ref.C
Ø4.4	RC	7	ARO4407C
		8.5	ARO4408C
		10	ARO4410C
		11.5	ARO4411C
		13	ARO4413C
		15	ARO4415C
		18	ARO4418C

RC Ø4.8

- Cover Screw included

RC

Fixture Diameter	Connection	Length (mm)	Ref.C
Ø4.8	RC	7	ARO4807C
		8.5	ARO4808C
		10	ARO4810C
		11.5	ARO4811C
		13	ARO4813C
		15	ARO4815C
		18	ARO4818C

➲ Fixture sizes

NC Ø3.3 Deep Thread

- Cover Screw included

NC

Fixture Diameter	Connection	Length (mm)	Ref.C
Ø3.3	NC	7	ARO3307DC
		8.5	ARO3308DC
		10	ARO3310DC
		11.5	ARO3311DC
		13	ARO3313DC
		15	ARO3315DC
		18	ARO3318DC

NC Ø3.7 Deep Thread

- Cover Screw included

NC

Fixture Diameter	Connection	Length (mm)	Ref.C
Ø3.7	NC	7	ARO3707DC
		8.5	ARO3708DC
		10	ARO3710DC
		11.5	ARO3711DC
		13	ARO3713DC
		15	ARO3715DC
		18	ARO3718DC

RC Ø4.1 Deep Thread

- Cover Screw included

RC

Fixture Diameter	Connection	Length (mm)	Ref.C
Ø4.1	RC	7	ARO4107DC
		8.5	ARO4108DC
		10	ARO4110DC
		11.5	ARO4111DC
		13	ARO4113DC
		15	ARO4115DC
		18	ARO4118DC

RC Ø4.4 Deep Thread

- Cover Screw included

RC

Fixture Diameter	Connection	Length (mm)	Ref.C
Ø4.4	RC	7	ARO4407DC
		8.5	ARO4408DC
		10	ARO4410DC
		11.5	ARO4411DC
		13	ARO4413DC
		15	ARO4415DC
		18	ARO4418DC

RC Ø4.8 Deep Thread

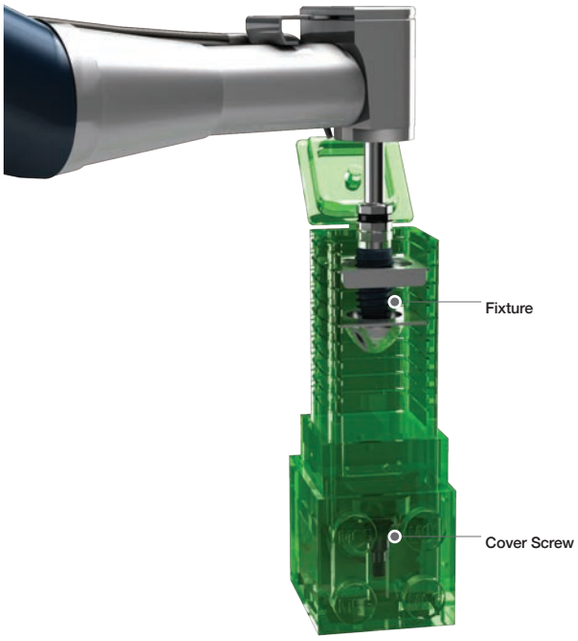
- Cover Screw included

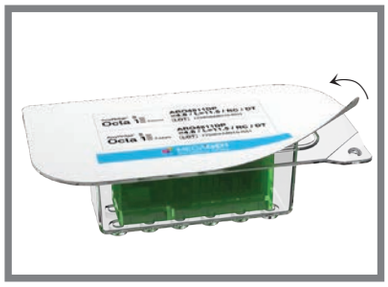
RC

Fixture Diameter	Connection	Length (mm)	Ref.C
Ø4.8	RC	7	ARO4807DC
		8.5	ARO4808DC
		10	ARO4810DC
		11.5	ARO4811DC
		13	ARO4813DC
		15	ARO4815DC
		18	ARO4818DC

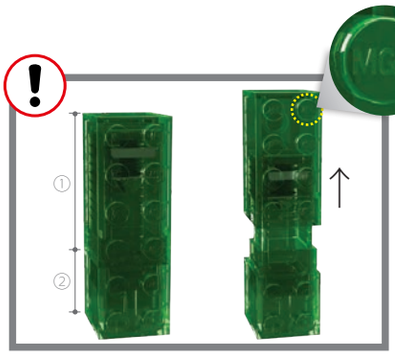
III. Packaging

- Ampule

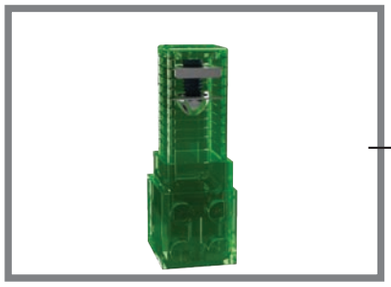


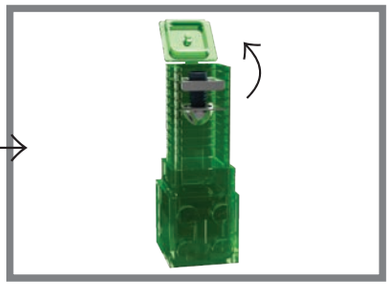


Peel off cover & remove ampule



Separate top① & bottom②, as shown, to reveal inner ampule with fixture



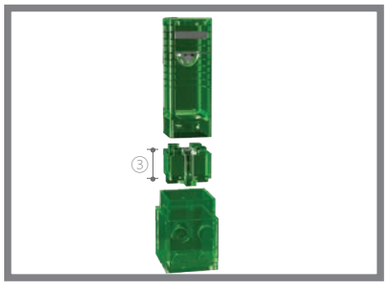


Flip open top to reveal fixture

Connect handpiece to fixture

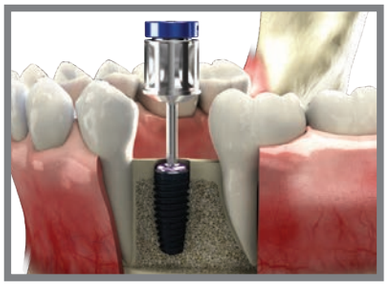
Make sure fixture is fully connected, then remove from ampule

Place fixture according to drilling sequence



Separate fixture ampule from bottom, as shown, to reveal cover screw holder③

Use hand driver to pick up cover screw



Tighten cover screw to fixture

MegaGen ampule! Re-usable as building block *after cleaning and sterilization! less plastic waste!

Cover Screws & Healing Abutments

Cover Screws

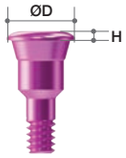
* Included in fixture packaging

- Used for submerged-type surgery
- Protects inner structure of fixture
- Different heights can be chosen according to position of fixture below crest
- 1mm & Umbrella-type(Wide Dia.) Cover Screw can be purchased separately
- Recommended torque: by hand (5 - 8Ncm)
- Use with Hand Driver(1.2 Hex)

NC

Diameter	Height (mm)	Ref.C
Ø3.0	0.5	AROCSN3005
Ø3.0	1.0	*AROCSN3010
Ø5.0	0.5	*AROCSN5005

(*) Separate sales item



RC

Diameter	Height (mm)	Ref.C
Ø3.7	0.5	AROCSR3705
Ø3.7	1.0	*AROCSR3710
Ø6.0	0.5	*AROCSR6005

(*) Separate sales item

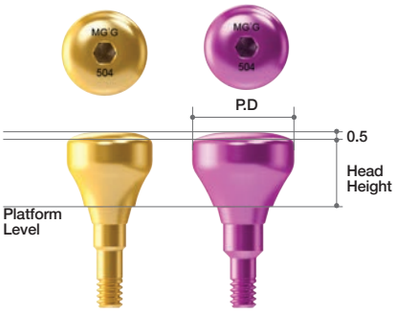
Umbrella Cover Screw

Umbrella Cover Screw prevents implant from falling into the maxillary sinus
Suitable for simple GBR surgery

Use with Hand Driver

Healing Abutments

- Used for non-submerged-type surgery or two-stage surgery
- Choose appropriate diameter & height according to situation
- Helps to form suitable emergence profile during period of gingival healing
- Recommended torque: by hand (5 - 8Ncm)
- Use with Hand Driver (1.2 Hex)



NC

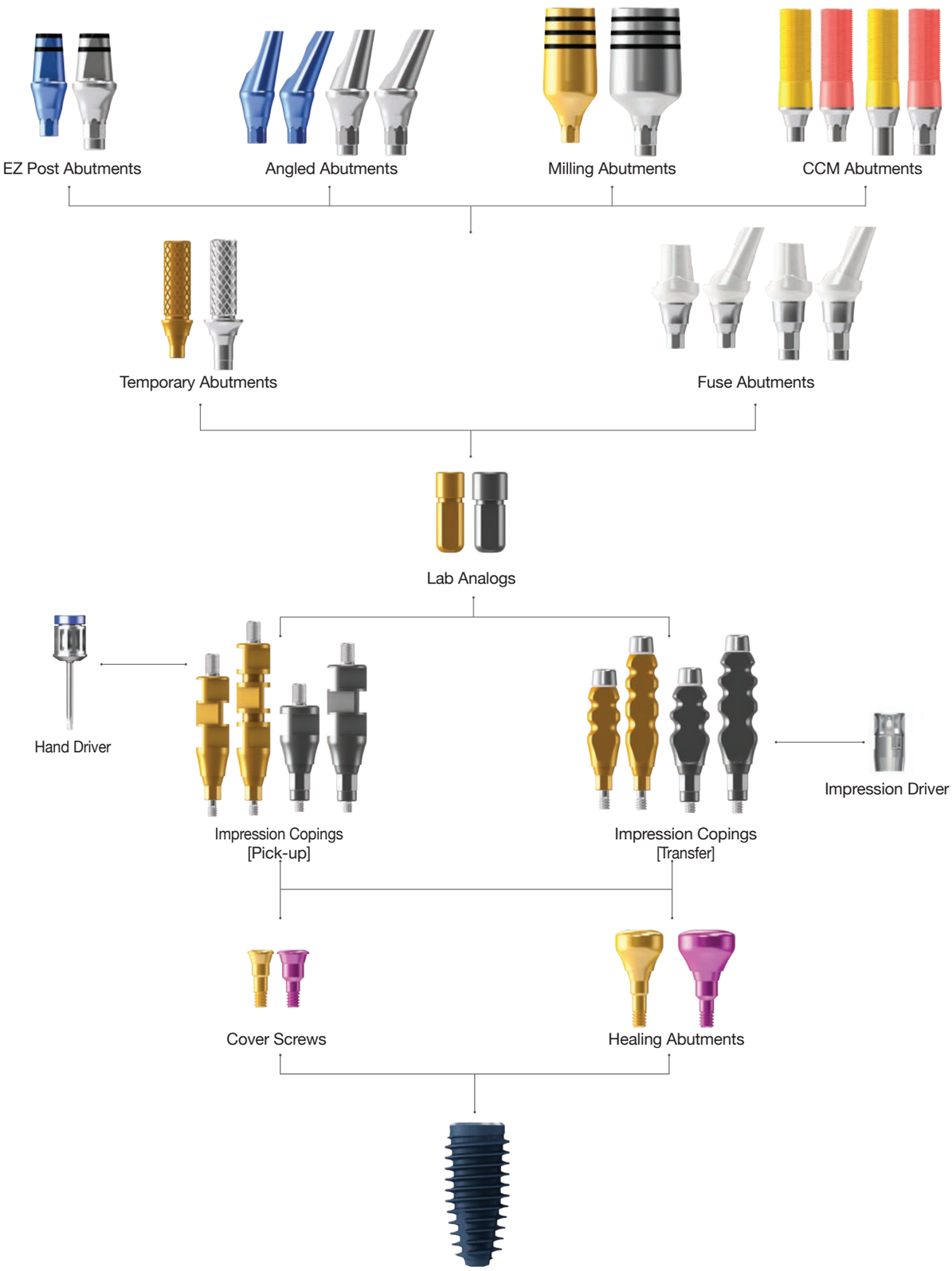
Profile Diameter	Height (mm)	Ref.C
Ø3.0	2	AROHAN302
	3	AROHAN303
	4	AROHAN304
	5	AROHAN305
	6	AROHAN306
	7	AROHAN307
	8	AROHAN308
	9	AROHAN309
Ø4.0	2	AROHAN402
	3	AROHAN403
	4	AROHAN404
	5	AROHAN405
	6	AROHAN406
	7	AROHAN407
	8	AROHAN408
	9	AROHAN409
Ø5.0	2	AROHAN502
	3	AROHAN503
	4	AROHAN504
	5	AROHAN505
	6	AROHAN506
	7	AROHAN507
	8	AROHAN508
	9	AROHAN509

RC

Profile Diameter	Height (mm)	Ref.C
Ø4.0	2	AROHAR402
	3	AROHAR403
	4	AROHAR404
	5	AROHAR405
	6	AROHAR406
	7	AROHAR407
	8	AROHAR408
	9	AROHAR409
Ø5.0	2	AROHAR502
	3	AROHAR503
	4	AROHAR504
	5	AROHAR505
	6	AROHAR506
	7	AROHAR507
	8	AROHAR508
	9	AROHAR509
Ø6.0	2	AROHAR602
	3	AROHAR603
	4	AROHAR604
	5	AROHAR605
	6	AROHAR606
	7	AROHAR607
	8	AROHAR608
	9	AROHAR609
Ø7.0	2	AROHAR702
	3	AROHAR703
	4	AROHAR704
	5	AROHAR705
	6	AROHAR706
	7	AROHAR707
	8	AROHAR708
	9	AROHAR709

Abutment & Prosthetic Options

I. Fixture-level prosthesis



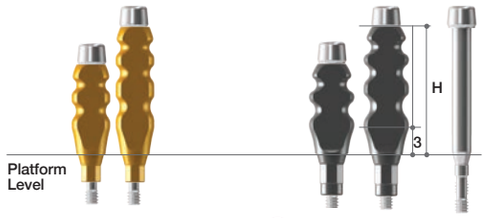
➲ Impression Copings & Lab Analogs

Impression Copings

(2-piece, Transfer type)
(for Closed-tray technique)

* Guide pin (AROGPT12/ 16) included with two-piece type

- Used for Closed-tray (Transfer) technique
- Impression Coping design ensures easy & accurate transfer of fixture position
- Flat surface of Impression Coping aligns with flat octa surface within fixture
- Transfer Impression Coping Driver & Hand Driver (1.2Hex) should be used to ensure Impression Coping is properly tightened



NC

Profile Diameter	Height (mm)	Ref.C
Ø4.0	12	AROICTN4012T
	16	AROICTN4016T

RC

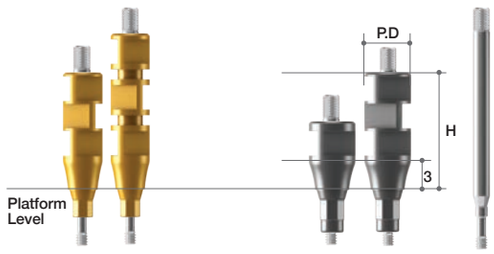
Profile Diameter	Height (mm)	Ref.C
Ø5.0	12	AROICTR5012T
	16	AROICTR5016T

Impression Copings

(2-piece, Pick-up type)
(for Open-tray Technique)

* Guide pin (AROGPP10/ 15/ 20) included

- Used for open tray technique
- Most beneficial for multiple fixtures that will be splinted together
- Tray angle body design ensures stability within impression & accurate transfer of fixture position
- Extra long guide pin can be purchased separately (AROGPP25)



NC

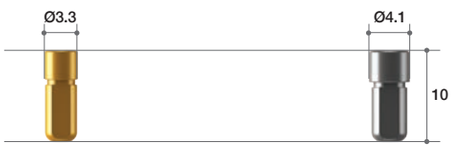
Profile Diameter	Height (mm)	Ref.C
Ø4.0	12	AROICPN4012T
	16	AROICPN4016T

RC

Profile Diameter	Height (mm)	Ref.C
Ø5.0	7	AROICPR5007T
	12	AROICPR5012T

Lab Analogs

- Replicates fixture
- Gold analog for NC Connection fixture
- Silver analog for RC Connection fixture



NC

Profile Diameter	Ref.C
Ø3.3	AROLAN

RC

Profile Diameter	Ref.C
Ø4.1	AROLAR

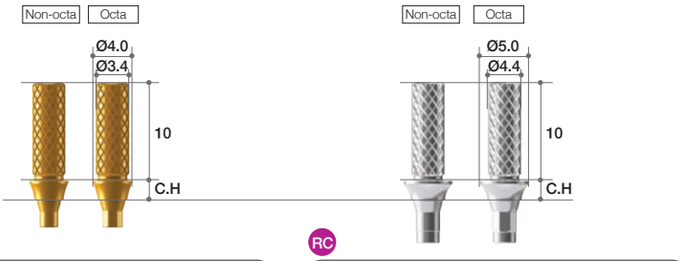
Temporary Abutments

Temporary Abutments

(Titanium)

- Abutment screw(AROAS16B/ AROAS16) included

- For making provisional restoration
- Available for both octa and non-octa
- Grooved surface on abutment post allows better retention of resin or wax
- Recommended torque: 25Ncm



NC

Profile Diameter	C.H (mm)	Type	Ref.C
Ø4.0	2	Octa	AROTANO4210T
		Non-Octa	AROTANN4210T
	3	Octa	AROTANO4310T
		Non-Octa	AROTANN4310T

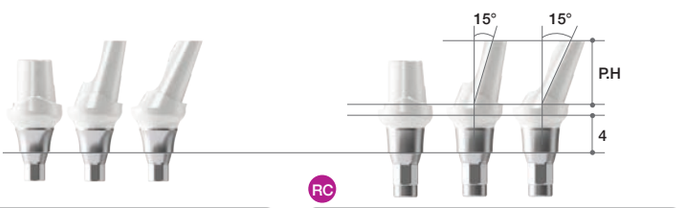
RC

Profile Diameter	C.H (mm)	Type	Ref.C
Ø4.5	2	Octa	AROTARO4210T
		Non-Octa	AROTARN4210T
	3	Octa	AROTARO4310T
		Non-Octa	AROTARN4310T
Ø5.0	2	Octa	AROTARO5210T
		Non-Octa	AROTARN5210T
	3	Octa	AROTARO5310T
		Non-Octa	AROTARN5310T

Fuse Abutments

- Abutment screw(AROAS16B/ AROAS16) & fuse cap included

- Recommended torque: 25Ncm



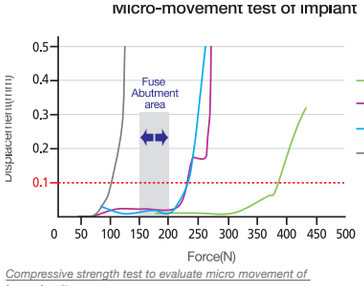
NC

Diameter Labio-lingual	Diameter Mesio-distal	C.H (mm)	P.H (mm)	Type	Ref.C
Ø5.5	Ø5.5	4	5.5	Straight	AROFAN5545T
	Ø4.5		7	15°	AROFAN5415T
				25°	AROFAN5425T

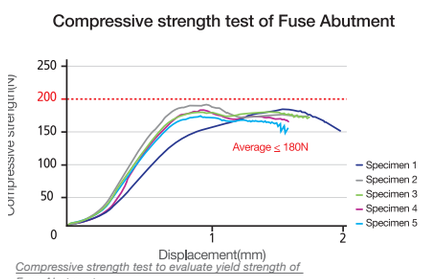
RC

Diameter Labio-lingual	Diameter Mesio-distal	C.H (mm)	P.H (mm)	Type	Ref.C
Ø5.5	Ø5.5	4	5.5	Straight	AROFAR5545T
	Ø4.5		7	15°	AROFAR5415T
				25°	AROFAR5425T

Rationale for Fuse Abutment™



Compressive strength test to evaluate micro movement of bone density
-R&D Center, Megagen Implant Co.,Ltd.(2012)-



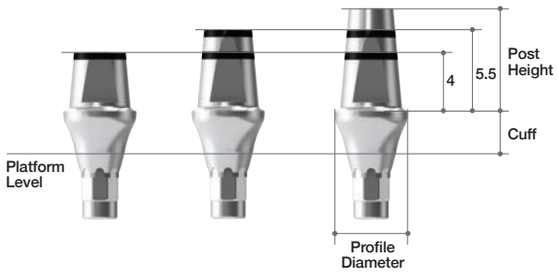
Compressive strength test to evaluate yield strength of Fuse Abutment
-R&D Center, Megagen Implant Co.,Ltd.(2012)-

Abutment Options (continued)

EZ Post Abutments

- Abutment screw(AROAS16B/ AROAS16) included

- Cement retained restoration
- Post Height: 4.0/ 5.5/ 7mm
- Profile Diameter: Ø4/ Ø5/ Ø6/ Ø7
- Cuff Height: 1/ 2/ 3/ 4/ 5/mm
- Biological S-line provides seamless natural-looking & more functional emergence profile
- Laser marking at 4 & 5.5mm from platform level
- Color coded for different profile diameters
- Recommended torque: 35Ncm



NC

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref.C
Ø4.0	1	4.0	AROEPN4014T
	2		AROEPN4024T
	3		AROEPN4034T
	4		AROEPN4044T
	5		AROEPN4054T
	1	5.5	AROEPN4015T
	2		AROEPN4025T
	3		AROEPN4035T
	4		AROEPN4045T
	5		AROEPN4055T
	1	7.0	AROEPN4017T
	2		AROEPN4027T
	3		AROEPN4037T
	4		AROEPN4047T
	5		AROEPN4057T

NC

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref.C
Ø5.0	1	4.0	AROEPN5014T
	2		AROEPN5024T
	3		AROEPN5034T
	4		AROEPN5044T
	5		AROEPN5054T
	1	5.5	AROEPN5015T
	2		AROEPN5025T
	3		AROEPN5035T
	4		AROEPN5045T
	5		AROEPN5055T
	1	7.0	AROEPN5017T
	2		AROEPN5027T
	3		AROEPN5037T
	4		AROEPN5047T
	5		AROEPN5057T

RC

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref.C
Ø5.0	1	4.0	AROEPR5014T
	2		AROEPR5024T
	3		AROEPR5034T
	4		AROEPR5044T
	5		AROEPR5054T
	1	5.5	AROEPR5015T
	2		AROEPR5025T
	3		AROEPR5035T
	4		AROEPR5045T
	5		AROEPR5055T
	1	7.0	AROEPR5017T
	2		AROEPR5027T
	3		AROEPR5037T
	4		AROEPR5047T
	5		AROEPR5057T

RC

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref.C
Ø6.0	1	4.0	AROEPR6014T
	2		AROEPR6024T
	3		AROEPR6034T
	4		AROEPR6044T
	5		AROEPR6054T
	1	5.5	AROEPR6015T
	2		AROEPR6025T
	3		AROEPR6035T
	4		AROEPR6045T
	5		AROEPR6055T
	1	7.0	AROEPR6017T
	2		AROEPR6027T
	3		AROEPR6037T
	4		AROEPR6047T
	5		AROEPR6057T

RC

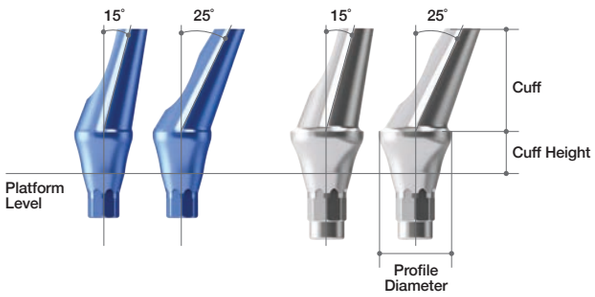
Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref.C
Ø7.0	1	4.0	AROEPR7014T
	2		AROEPR7024T
	3		AROEPR7034T
	4		AROEPR7044T
	5		AROEPR7054T
	1	5.5	AROEPR7015T
	2		AROEPR7025T
	3		AROEPR7035T
	4		AROEPR7045T
	5		AROEPR7055T
	1	7.0	AROEPR7017T
	2		AROEPR7027T
	3		AROEPR7037T
	4		AROEPR7047T
	5		AROEPR7057T

Abutment Options (continued)

Angled Abutments

- Abutment screw(AROAS16B/ AROAS16) included

- Two different angulations (15°, 25°)
- Four different profile diameters (Ø4.0, 5.0, 6.0, 7.0)
- Four different cuff heights (1, 2, 3, 4, 5mm)
- Covers 16 different directions
  [Eight to surface(Octa), eight to edge of Octa (Octa-Edge)]
- Color coded according to diameter for better identification
- Minimized screw head length uses minimum height to prevent milling problems
- Recommended torque: 35Ncm



NC

Profile Diameter	Cuff Height(mm)	Type	Angle	Ref.C
Ø4.0	1	Octa	15°	AROAAON4115T
	2			AROAAON4215T
	3			AROAAON4315T
	4			AROAAON4415T
	5			AROAAON4515T
	1	Edge		AROAAEN4115T
	2			AROAAEN4215T
	3			AROAAEN4315T
	4			AROAAEN4415T
	5			AROAAEN4515T

NC

Profile Diameter	Cuff Height(mm)	Type	Angle	Ref.C
Ø4.0	1	Octa	25°	AROAAON4125T
	2			AROAAON4225T
	3			AROAAON4325T
	4			AROAAON4425T
	5			AROAAON4525T
	1	Edge		AROAAEN4125T
	2			AROAAEN4225T
	3			AROAAEN4325T
	4			AROAAEN4425T
	5			AROAAEN4525T

NC

Profile Diameter	Cuff Height(mm)	Type	Angle	Ref.C
Ø5.0	1	Octa	15°	AROAAON5115T
	2			AROAAON5215T
	3			AROAAON5315T
	4			AROAAON5415T
	5			AROAAON5515T
	1	Edge		AROAAEN5115T
	2			AROAAEN5215T
	3			AROAAEN5315T
	4			AROAAEN5415T
	5			AROAAEN5515T

NC

Profile Diameter	Cuff Height(mm)	Type	Angle	Ref.C
Ø5.0	1	Octa	25°	AROAAON5125T
	2			AROAAON5225T
	3			AROAAON5325T
	4			AROAAON5425T
	5			AROAAON5525T
	1	Edge		AROAAEN5125T
	2			AROAAEN5225T
	3			AROAAEN5325T
	4			AROAAEN5425T
	5			AROAAEN5525T

RC

Profile Diameter	Cuff Height(mm)	Type	Angle	Ref.C
Ø5.0	1	Octa	15°	AROAAOR5115T
	2			AROAAOR5215T
	3			AROAAOR5315T
	4			AROAAOR5415T
	5			AROAAOR5515T
	1	Edge		AROAAER5115T
	2			AROAAER5215T
	3			AROAAER5315T
	4			AROAAER5415T
	5			AROAAER5515T

RC

Profile Diameter	Cuff Height(mm)	Type	Angle	Ref.C
Ø5.0	1	Octa	25°	AROAAOR5125T
	2			AROAAOR5225T
	3			AROAAOR5325T
	4			AROAAOR5425T
	5			AROAAOR5525T
	1	Edge		AROAAER5125T
	2			AROAAER5225T
	3			AROAAER5325T
	4			AROAAER5425T
	5			AROAAER5525T

RC

Profile Diameter	Cuff Height(mm)	Type	Angle	Ref.C
Ø6.0	1	Octa	15°	AROAAOR6115T
	2			AROAAOR6215T
	3			AROAAOR6315T
	4			AROAAOR6415T
	5			AROAAOR6515T
	1	Edge		AROAAER6115T
	2			AROAAER6215T
	3			AROAAER6315T
	4			AROAAER6415T
	5			AROAAER6515T

RC

Profile Diameter	Cuff Height(mm)	Type	Angle	Ref.C
Ø6.0	1	Octa	25°	AROAAOR6125T
	2			AROAAOR6225T
	3			AROAAOR6325T
	4			AROAAOR6425T
	5			AROAAOR6525T
	1	Edge		AROAAER6125T
	2			AROAAER6225T
	3			AROAAER6325T
	4			AROAAER6425T
	5			AROAAER6525T

RC

Profile Diameter	Cuff Height(mm)	Type	Angle	Ref.C
Ø7.0	1	Octa	15°	AROAAOR7115T
	2			AROAAOR7215T
	3			AROAAOR7315T
	4			AROAAOR7415T
	5			AROAAOR7515T
	1	Edge		AROAAER7115T
	2			AROAAER7215T
	3			AROAAER7315T
	4			AROAAER7415T
	5			AROAAER7515T

RC

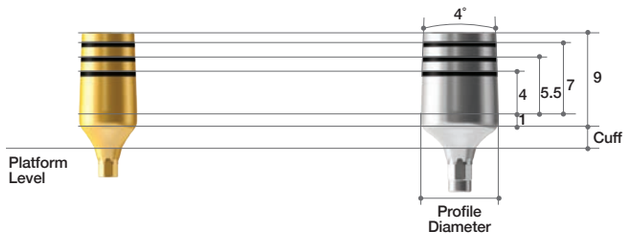
Profile Diameter	Cuff Height(mm)	Type	Angle	Ref.C
Ø7.0	1	Octa	25°	AROAAOR7125T
	2			AROAAOR7225T
	3			AROAAOR7325T
	4			AROAAOR7425T
	5			AROAAOR7525T
	1	Edge		AROAAER7125T
	2			AROAAER7225T
	3			AROAAER7325T
	4			AROAAER7425T
	5			AROAAER7525T

Abutment Options

Milling Abutments

- Abutment screw(AROAS16B/ AROAS16) included

- Long post enables easier customization from milling
- Recommended torque: 35Ncm



NC

Profile Diameter	Cuff Height (mm)	Post Height (mm)	Ref.C
Ø6.0	1	9	AROMAN6019T
	2		AROMAN6029T
	3		AROMAN6039T
	4		AROMAN6049T
	5		AROMAN6059T

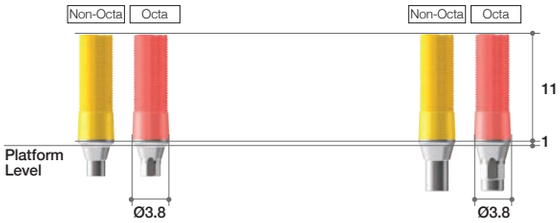
RC

Profile Diameter	Cuff Height (mm)	Post Height (mm)	Ref.C
Ø8.0	1	9	AROMAR8019T
	2		AROMAR8029T
	3		AROMAR8039T
	4		AROMAR8049T
	5		AROMAR8059T

CCM Abutments

- Abutment screw(AROAS16B/ AROAS16) included

- Useful a for customized abutment in difficult situations
- Can be cast with non-precious alloys(Ni-Cr, Cr-Co alloys)
- Non-precious melting temperature: depends on manufacturer
- Threaded sleeves for convenient resin / wax-up
- Melting temperature of CCM: 1380 - 1420°C
- Recommended torque: 35Ncm



NC

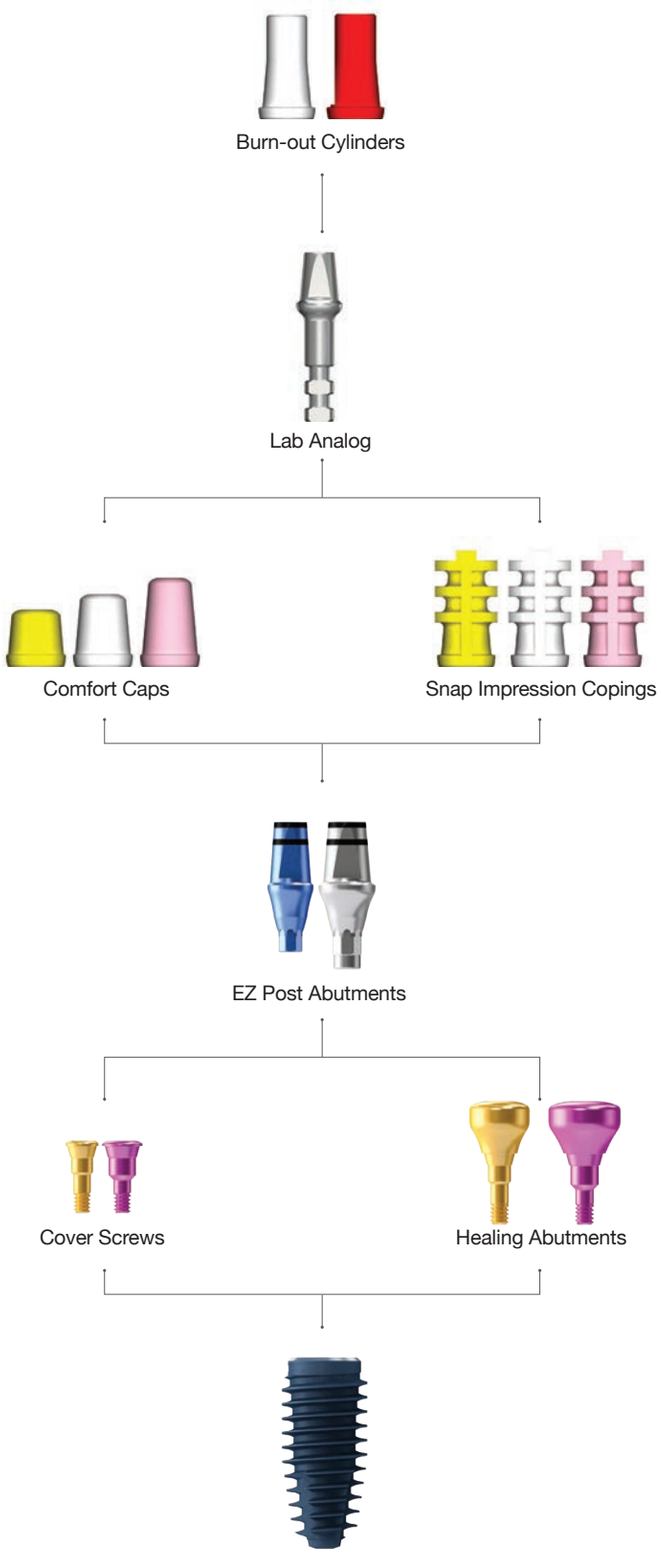
Profile Diameter	Cuff Height (mm)	Post Height (mm)	Ref.C
Ø3.8	1	11	AROCCMNO4111T
			AROCCMNN4111T

RC

Profile Diameter	Cuff Height (mm)	Post Height (mm)	Ref.C
Ø3.8	1	11	AROCCMRO4111T
			AROCCMRN4111T

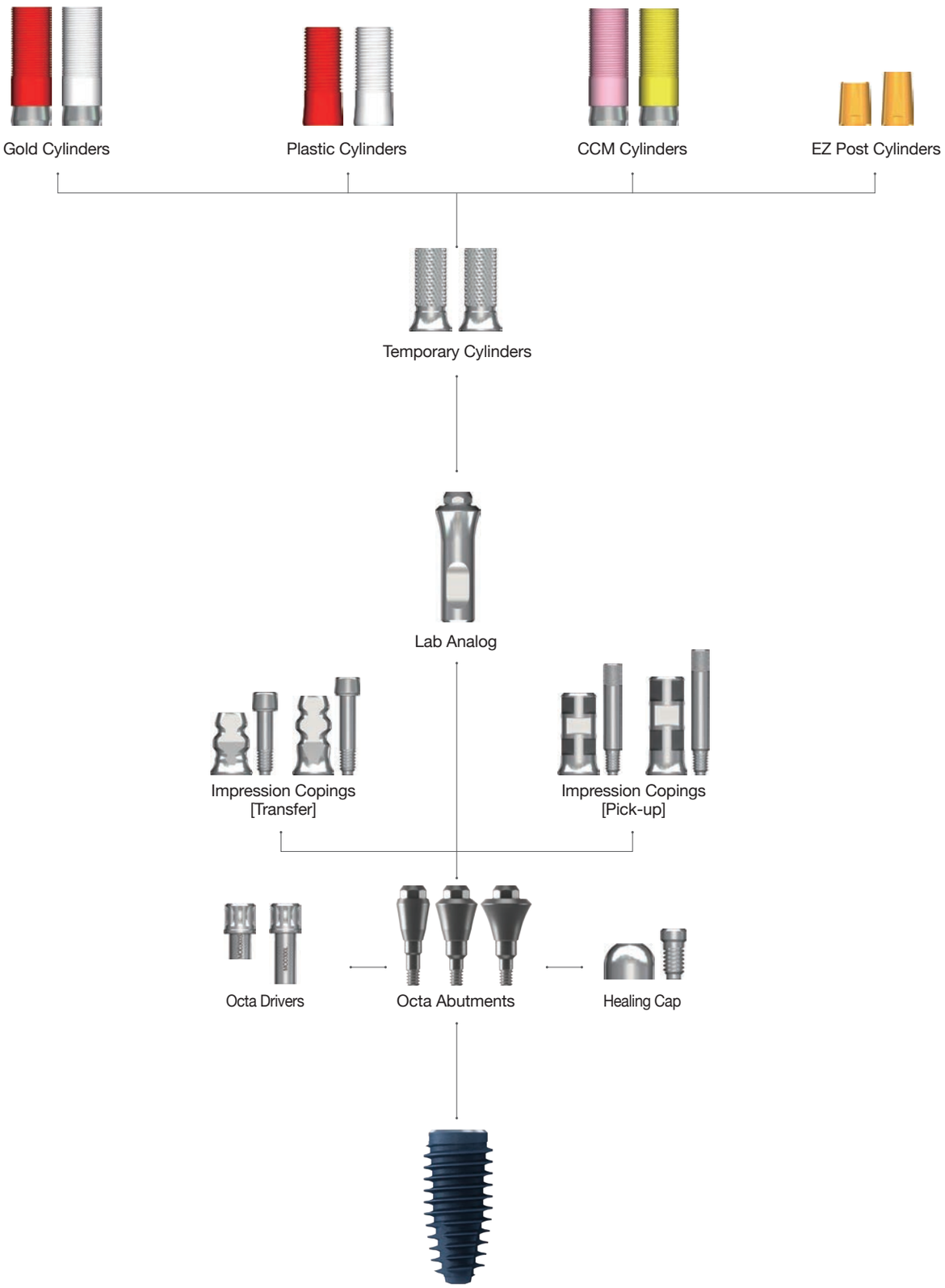
II. Abutment-level Prosthesis

1. EZ Post Abutments & Components



II. Abutment-level Prostheses

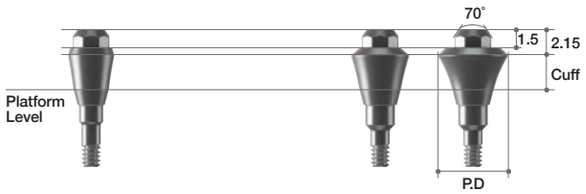
2. Octa Abutments & Components



Components for Octa Abutments (continued)

Octa Abutments

- Used in manufacturing multiple screw-retained prosthetics
- Use with Octa Driver
- Recommended torque: 35Ncm



NC

Profile Diameter	Cuff Height (mm)	Ref.C
Ø4.0	1	AROOAN4010
	2	AROOAN4020
	3	AROOAN4030
	4	AROOAN4040
	5	AROOAN4050

RC

Profile Diameter	Cuff Height (mm)	Ref.C
Ø5.0	1	AROOAR5010
	2	AROOAR5020
	3	AROOAR5030
	4	AROOAR5040
	5	AROOAR5050
Ø6.0	1	AROOAR6010
	2	AROOAR6020
	3	AROOAR6030
	4	AROOAR6040
	5	AROOAR6050

Healing Cap

- Cylinder screw(IRCS200) included

- Protects Octa Abutment & minimizes irritation to tongue & oral mucosa

Profile Diameter	Ref.C
Ø4.0	AANOHC4000T
Ø5.0	IHC400T
Ø6.0	AANOHC6000T

➲ Components for Octa Abutments

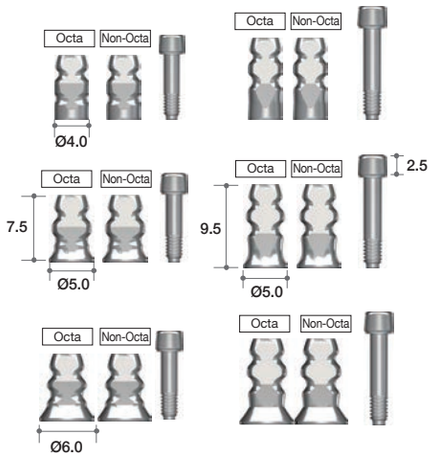
Impression Copings

(Transfer)

- Guide pin(AAOTGP10 / AAOTGP12) included

- Should be tightened using Impression Driver or 1.2 Hex Driver
- Special impression coping screw for use with 1.2mm hex driver is available on request

Profile Diameter	Height (mm)	Type	Ref.C
Ø4.0	7.5	Octa	AAOITO4010T
		Non-Octa	AAOITN4010T
	9.5	Octa	AAOITO4012T
		Non-Octa	AAOITN4012T
Ø5.0	7.5	Octa	AAOITO5010T
		Non-Octa	AAOITN5010T
	9.5	Octa	AAOITO5012T
		Non-Octa	AAOITN5012T
Ø6.0	7.5	Octa	AAOITO6010T
		Non-Octa	AAOITN6010T
	9.5	Octa	AAOITO6012T
		Non-Octa	AAOITN6012T

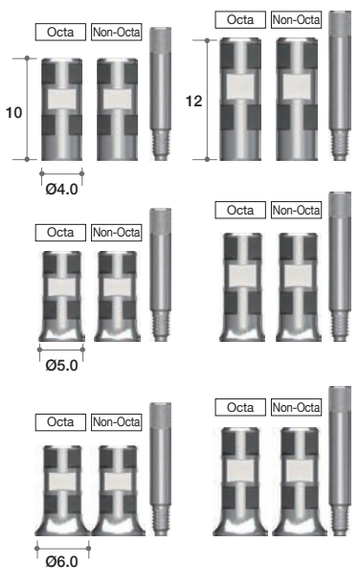


Impression Copings

(Pick-up)

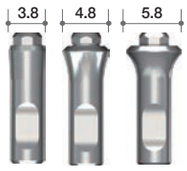
- Guide pin(AAOPGP10 / AAOPGP12) included

Profile Diameter	Height (mm)	Type	Ref.C
Ø4.0	10.0	Octa	AAOIPO4010T
		Non-Octa	AAOIPN4010T
	12.0	Octa	AAOIPO4012T
		Non-Octa	AAOIPN4012T
Ø5.0	10.0	Octa	AAOIPO5010T
		Non-Octa	AAOIPN5010T
	12.0	Octa	AAOIPO5012T
		Non-Octa	AAOIPN5012T
Ø6.0	10.0	Octa	AAOIPO6010T
		Non-Octa	AAOIPN6010T
	12.0	Octa	AAOIPO6012T
		Non-Octa	AAOIPN6012T



Lab Analogs

Profile Diameter	Ref.C
Ø3.8	AANOLA4000
Ø4.8	IOA300
Ø5.8	AANOLA6000

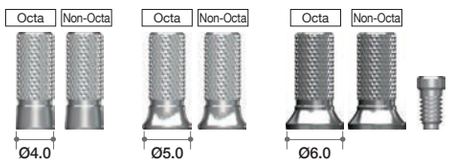


Temporary Cylinders

- Cylinders screw(IRCS200) included

• Recommended torque: 25Ncm

Profile Diameter	Type	Ref.C
Ø4.0	Octa	AANOTCO4010T
	Non-Octa	AANOTCN4010T
Ø5.0	Octa	AANOTCO5010T
	Non-Octa	AANOTCN5010T
Ø6.0	Octa	AANOTCO6010T
	Non-Octa	AANOTCN6010T

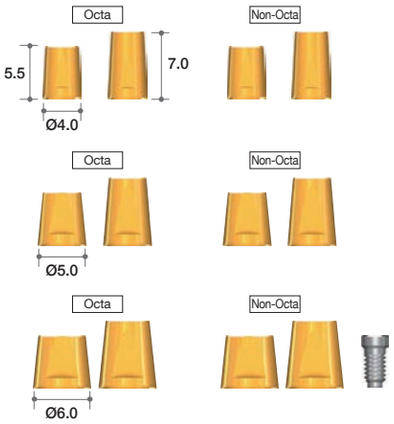


EZ Post Cylinders

- Cylinder screw(IRCS200) included

• Recommended torque: 35Ncm

Profile Diameter	Post Height(mm)	Type	Ref.C
Ø4.0	5.5	Octa	AAOECO4005T
	7.0		AAOECO4007T
	5.5	Non-Octa	AAOECN4005T
	7.0		AAOECN4007T
Ø5.0	5.5	Octa	AAOECO5005T
	7.0		AAOECO5007T
	5.5	Non-Octa	AAOECN5005T
	7.0		AAOECN5007T
Ø6.0	5.5	Octa	AAOECO6005T
	7.0		AAOECO6007T
	5.5	Non-Octa	AAOECN6005T
	7.0		AAOECN6007T



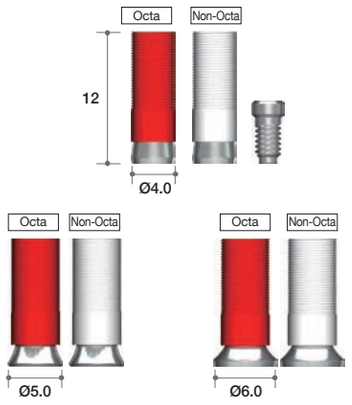
➲ Components for Octa Abutments

Gold Cylinders

- Cylinder screw(IRCS200) included

- For customizing abutment for screw-retained multi-unit restoration
- Available in both octa(red) & non-octa(white)
- Melting point of gold alloy: 1400 - 1450°C
- Threaded sleeves allow better retention of resin or wax
- Available in three diameters (Ø4.0, 5.0, 6.0)
- Recommended torque: 30Ncm

Profile Diameter	Type	Ref.C
Ø4.0	Octa	AANGCO4000T
	Non-Octa	AANGCN4000T
Ø5.0	Octa	IOGO100T
	Non-Octa	IOGN100T
Ø6.0	Octa	AANGCO6000T
	Non-Octa	AANGCN6000T

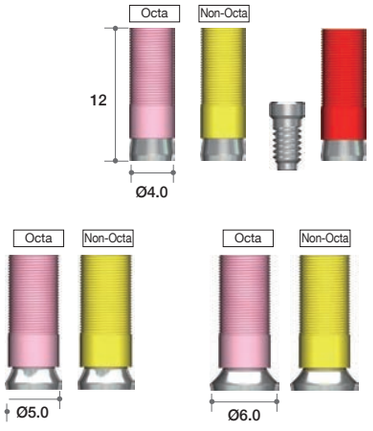


CCM Cylinders

- Cylinder screw(IRCS200) included

- Threaded sleeves allow better retention of resin or wax.
- Available in both octa (pink) and non-octa (yellow) & three diameters (Ø4.0, 5.0, 6.0)
- Recommended torque: 35Ncm
- Can be cast using non-precious alloys (Ni-Cr, Cr-Co alloys)

Profile Diameter	Type	Ref.C
Ø4.0	Octa	AANCCO4000T
	Non-Octa	AANCCN4000T
Ø5.0	Octa	AANCCO5000T
	Non-Octa	AANCCN5000T
Ø6.0	Octa	AANCCO6000T
	Non-Octa	AANCCN6000T

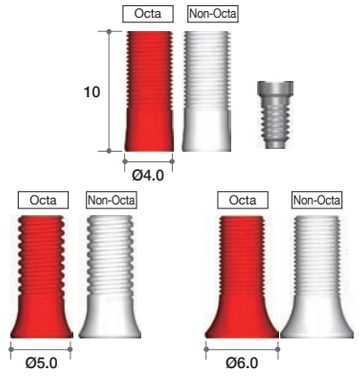


Plastic Cylinders

- Cylinder screw(IRCS200) included

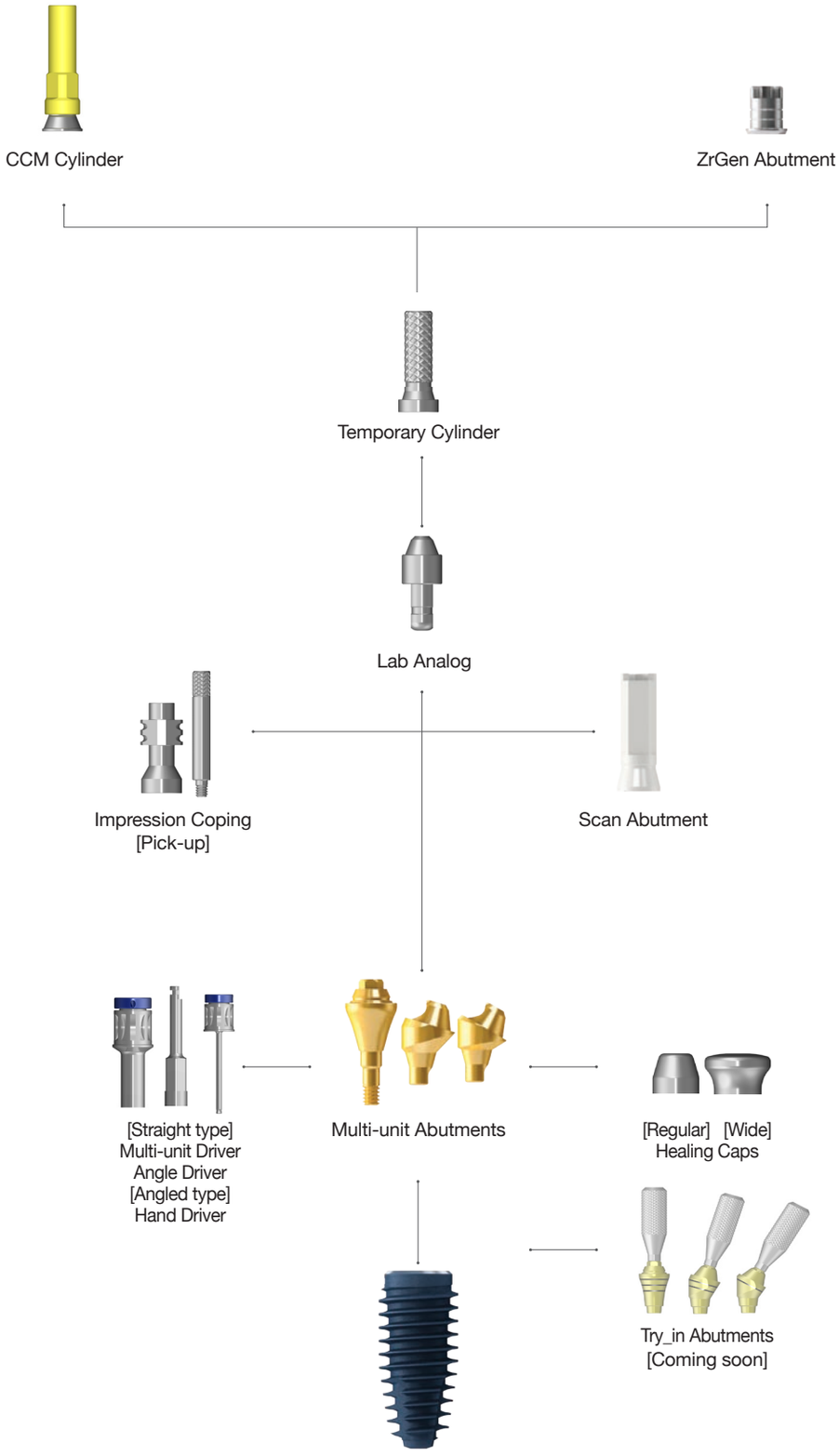
- Economical option
- Used for customizing abutment for screw-retained multi-unit restoration
- Available in both octa (red) & non-octa (white)
- Threaded sleeves allow better retention of resin or wax
- Recommended torque: 25Ncm

Profile Diameter	Type	Ref.C
Ø4.0	Octa	AAOTCO4010T
	Non-Octa	AAOTCN4010T
Ø5.0	Octa	IOPH100T
	Non-Octa	IOPN100T
Ø6.0	Octa	AAOTCO6010T
	Non-Octa	AAOTCN6010T



II. Abutment-level Prostheses

3. Multi-unit Abutments & Components



Multi-unit Abutments

Multi-unit Abutments (Straight)

- MUA Straight Carrier (MUASC) included

• Recommended torque: 35Ncm

NC

Cuff Height (mm)	Type	Ref.C
1.5	1-piece (M1.6)	MUAARONN0015C
2.5		MUAARONN0025C
3.5		MUAARONN0035C
4.5		MUAARONN0045C

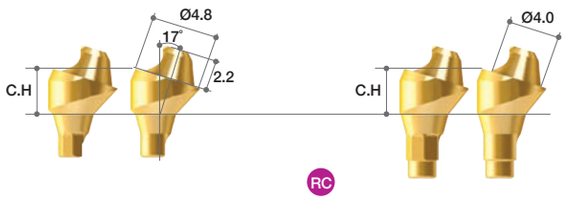
RC

Cuff Height (mm)	Type	Ref.C
1.5	1-piece (M1.6)	MUAARORN0015C
2.5		MUAARORN0025C
3.5		MUAARORN0035C
4.5		MUAARORN0045C

Multi-unit Angled Abutments – 17°

- MUA screw (MUAAROS) included
- MUA Angled Carrier (MUAAC) included

• Recommended torque: 35Ncm



NC

Cuff Height (mm)	Type	Ref.C
2.5	Hex	MUAARONO1725TC
3.5		MUAARONO1735TC
4.5		MUAARONO1745TC
2.5	Non-Hex	MUAARONN1725TC
3.5		MUAARONN1735TC
4.5		MUAARONN1745TC

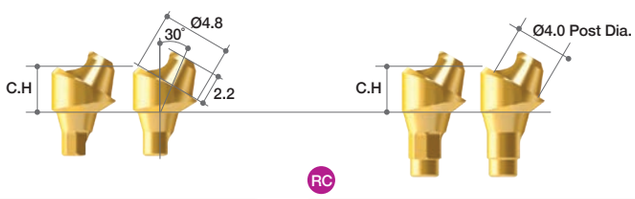
RC

Cuff Height (mm)	Type	Ref.C
2.5	Hex	MUAARORO1725TC
3.5		MUAARORO1735TC
4.5		MUAARORO1745TC
2.5	Non-Hex	MUAARORN1725TC
3.5		MUAARORN1735TC
4.5		MUAARORN1745TC

Multi-unit Angled Abutments – 30°

- MUA screw (MUAAROS) included
- MUA Angled Carrier (MUAAC) included

• Recommended torque: 35Ncm



NC

Cuff Height (mm)	Type	Ref.C
3.5	Hex	MUAARONO3035TC
4.5		MUAARONO3045TC
3.5	Non-Hex	MUAARONN3035TC
4.5		MUAARONN3045TC

RC

Cuff Height (mm)	Type	Ref.C
3.5	Hex	MUAARORO3035TC
4.5		MUAARORO3045TC
3.5	Non-Hex	MUAARORN3035TC
4.5		MUAARORN3045TC

▸▸ Multi-unit Abutment Set Contents

Multi-unit Abutment Healing cap-type Set reference code

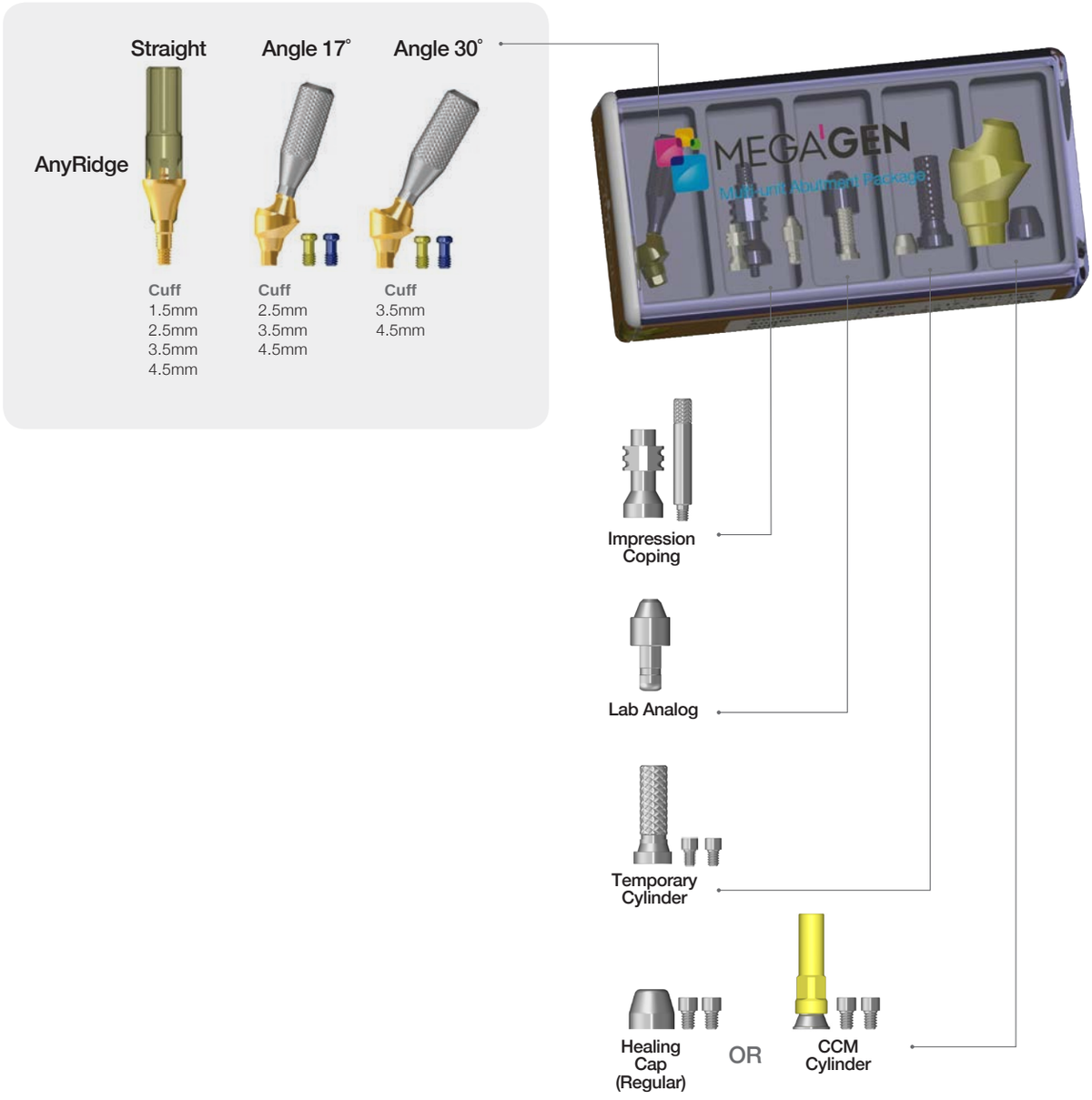
Order code: Add "HP" after existing reference code

E.g.) MUAARONO3035TC → MUAARONO3035 **HP**

Multi-unit Abutment CCM-type Set reference code

Order code: Add "P" after existing reference code

E.g.) MUAARONO3035TC → MUAARONO3035 **P**



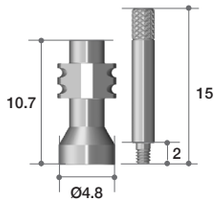
Components for Multi-unit Abutment (Continued)

Impression coping (Pick-up)

- Guide pin (MUAGP) included

- Use for taking impression at abutment level
- Open-tray method

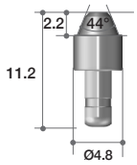
Connection	Ref.C
Non-Hex	MUAICT



Lab Analog

- Use to duplicate multi-unit abutment in working model
- Available as RP Analog for 3D-printed working model

Head form	Ref.C
Multi-unit Abutment(Nobel)	MUALA

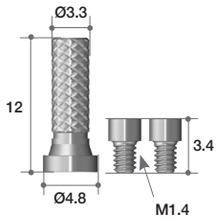


Temporary Cylinder

- Cylinder screw (MUAS) included

- Use for fabricating acrylic provisional restoration
- Grooves on post cylinder allow storing resin adhension
- Back-up screw is included
- Recommended torque: 15Ncm

Connection	Ref.C
Non-Hex	MUATCL

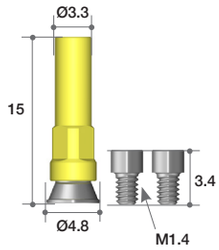


CCM Cylinder

- Cylinder screws (MUAS) 2EA included

- Use for fabricating screw-retained prostheses with metal-reinforced or bar-structured overdentures
- Can be cast using non-precious dental alloys (Ni-Cr, Cr-Co alloys)
- Melting temperature of CCM base: 1380 - 1420°C
- Back-up screw is included
- Recommended torque: 15Ncm

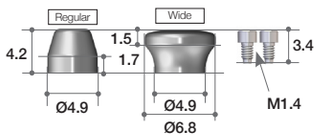
Connection	Ref.C
Non-Hex	MUACCML



Healing Caps

- Cylinder screws (MUAS) 2ea included
- Size of healing cap can be selected depending on soft tissue volume or type of restoration

Type	Ref.C
Regular	MUAHCL
Wide	MUAHCWL



Healing Cap Set reference code

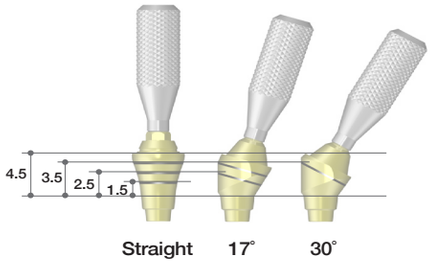
Order code: Add "P" after existing reference code

E.g.) MUAHCL → MUAHC**P**

Try-in Abutments (Coming soon)

- Cuff height is indicated with laser markings
- Straight, 17°, 30°
- Non-hex type

Angle	Cuff Marking	Ref.C
Straight	1.5 / 2.5 / 3.5 / 4.5	MUTIAAR00C
17°	2.5 / 3.5 / 4.5	MUTIAAR17C
30°	3.5 / 4.5	MUTIAAR30C



Try-in Abutment Set reference code

Order code: MUTIAAR000**P**

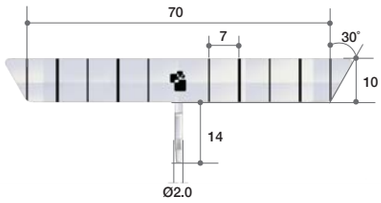
※ Available Systems: AnyRidge Internal, AnyRidge Octa 1, AnyOne Internal, AnyOne External
※ Kit contains Straight, 17°, and 30° Try-in Abutments (1 each)

Components for Multi-unit Abutments

Surgical Guide

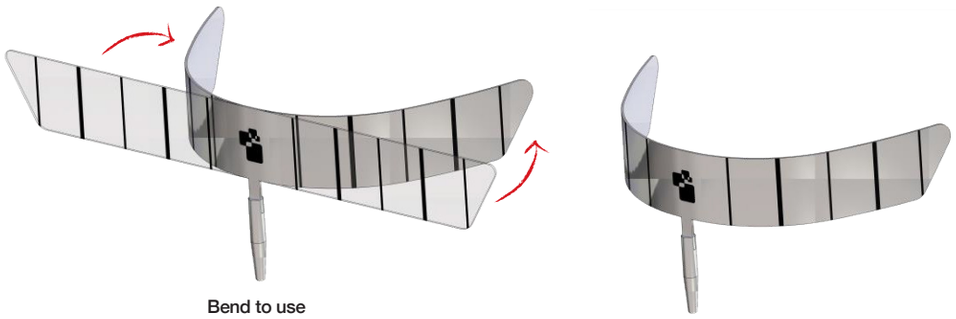
- Distance between lines is 7mm
- Place center pin after initial drilling at centrie of arch. (Refer to surgical protocol on page. 104)

Angle	Marking Length (mm)	Ref.C
30°	7	MUSG70

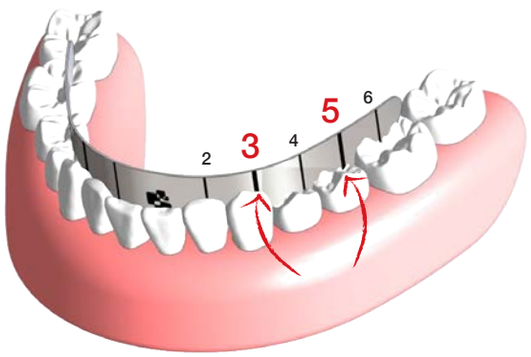


How to use Surgical Guide

※ As canines & second premolars are most commonly used, the surgical guide includes thicker lines for easier identification
※ The surgical guide can also be used with first molars depending on the surgical plan



Bend to use



[Packaging]

NEW PRODUCT

III. Overdenture Prosthesis

1. Meg-Loc Abutment & Component

Meg-Loc Metal Housing set

Block-out Spacer

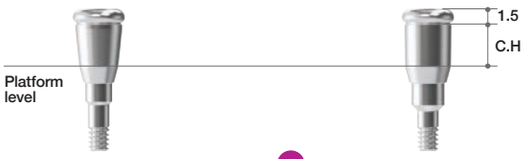
Meg-Loc Abutment

Meg-Loc Overdenture System

(Refer to the advantage of Meg-Loc overdenture system on page.118)

Meg-Loc Abutment

-Angle compensation to one side 20 °
(both sides 40 °)
- Gently rounded shape
- Compatible with 1.2 Hex Driver
• Recommend torque : 35Ncm



NC

Cuff Height (mm)	Ref.C
0	MLARON00
1.0	MLARON01
2.0	MLARON02
3.0	MLARON03
4.0	MLARON04
5.0	MLARON05
6.0	MLARON06

RC

Cuff Height (mm)	Ref.C
0	MLAROR00
1.0	MLAROR01
2.0	MLAROR02
3.0	MLAROR03
4.0	MLAROR04
5.0	MLAROR05
6.0	MLAROR06

Meg-Loc Package

- 1 Meg-Loc Abutment

* Following package items are delivered with San DreMetto Korea packaging.

- 1 Titanium Housing
- 1 Block Out Spacer
- 4 Pekkton Retention Inserts
(Gray-250~300gf(for lab), Yellow-600gf,
Red-1200gf, Mint-1800gf)

NC

Cuff Height (mm)	Ref.C
0	MLARON00P
1.0	MLARON01P
2.0	MLARON02P
3.0	MLARON03P
4.0	MLARON04P
5.0	MLARON05P
6.0	MLARON06P

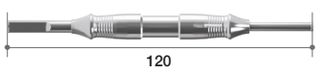
RC

Cuff Height (mm)	Ref.C
0	MLAROR00P
1.0	MLAROR01P
2.0	MLAROR02P
3.0	MLAROR03P
4.0	MLAROR04P
5.0	MLAROR05P
6.0	MLAROR06P

Multi Tool

- Retention insert Insert & Remove Tool

Ref.C
MLMT



III. Overdenture Prosthesis

2. Meg-Ball Abutment & Component

Meg-Ball Metal Housing set

Housing Positioner
(0°/5°/10°/15°)

Meg-Ball Abutment

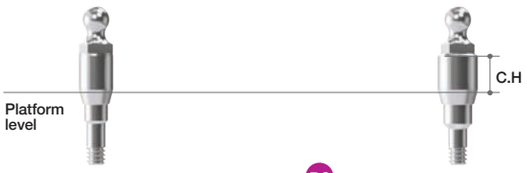
Meg-Ball Overdenture System

(Refer to the advantage of Meg-Ball overdenture system on page.121)

Meg-Ball Abutment

- Angle compensation to one side 15 °
  (both sides 30 °)
- Ø2.25 Ball shape

• Recommend torque : 35Ncm



NC

Cuff Height (mm)	Ref.C
0	MBARON00
1.0	MBARON10
2.0	MBARON20
3.0	MBARON30
4.0	MBARON40
5.0	MBARON50
6.0	MBARON60

RC

Cuff Height (mm)	Ref.C
0	MBAROR00
1.0	MBAROR10
2.0	MBAROR20
3.0	MBAROR30
4.0	MBAROR40
5.0	MBAROR50
6.0	MBAROR60

Meg-Ball Package

- Composed of Meg-Ball Abutment/
  Metal Housing Set/
  Housing Positioner (0°,5°,10°,15°)

NC

Cuff Height (mm)	Ref.C
0	MBARON00P
1.0	MBARON10P
2.0	MBARON20P
3.0	MBARON30P
4.0	MBARON40P
5.0	MBARON50P
6.0	MBARON60P

RC

Cuff Height (mm)	Ref.C
0	MBAROR00P
1.0	MBAROR10P
2.0	MBAROR20P
3.0	MBAROR30P
4.0	MBAROR40P
5.0	MBAROR50P
6.0	MBAROR60P

Meg-Ball Metal Housing Set

- 1 Metal Housing
- 1 Retentive Ring

Ref.C
MBHR

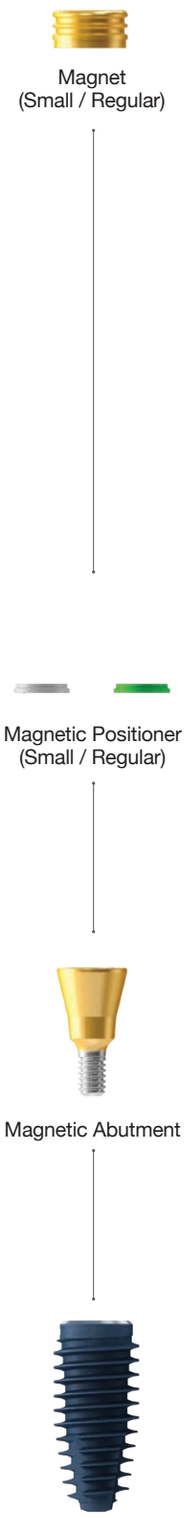
Ø5.0

Retentive Ring Set

Quantity	Ref.C
5	MBR5
10	MBR10

III. Overdenture Prosthesis

3. Meg-Magnet Abutment & Component

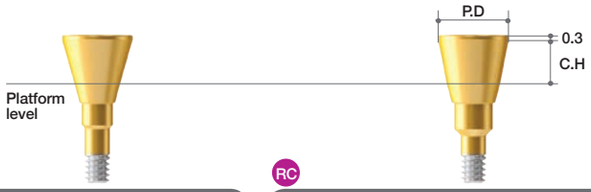


Meg-Magnet Overdenture System

(Refer to the advantage of Meg-Magnet overdenture system on page.124)

Meg-Magnet Abutment

- Use to 1.2 Hex Driver
- Recommend torque : 35Ncm



NC

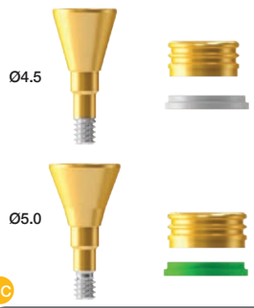
Profile Diameter	Cuff Height (mm)	Ref.C
Ø4.5	0	MMARON400
	1.0	MMARON410
	2.0	MMARON420
	3.0	MMARON430
	4.0	MMARON440
	5.0	MMARON450
Ø5.0	0	MMARON500
	1.0	MMARON510
	2.0	MMARON520
	3.0	MMARON530
	4.0	MMARON540
	5.0	MMARON550

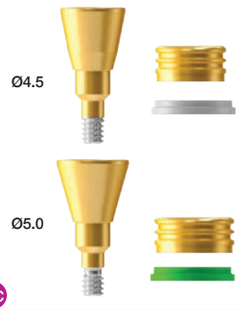
RC

Profile Diameter	Cuff Height (mm)	Ref.C
Ø4.5	0	MMAROR400
	1.0	MMAROR410
	2.0	MMAROR420
	3.0	MMAROR430
	4.0	MMAROR440
	5.0	MMAROR450
Ø5.0	0	MMAROR500
	1.0	MMAROR510
	2.0	MMAROR520
	3.0	MMAROR530
	4.0	MMAROR540
	5.0	MMAROR550

Meg-Magnet Package

- 1 Meg-Magnet Abutment
- 1 Magnet (Ø4.5-450gf, Ø5.0-650gf)
- 1 Magnetic Positioner





NC

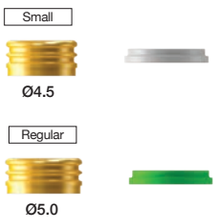
Profile Diameter	Cuff Height (mm)	Ref.C
Ø4.5	0	MMARON400P
	1.0	MMARON410P
	2.0	MMARON420P
	3.0	MMARON430P
	4.0	MMARON440P
	5.0	MMARON450P
Ø5.0	0	MMARON500P
	1.0	MMARON510P
	2.0	MMARON520P
	3.0	MMARON530P
	4.0	MMARON540P
	5.0	MMARON550P

RC

Profile Diameter	Cuff Height (mm)	Ref.C
Ø4.5	0	MMAROR400P
	1.0	MMAROR410P
	2.0	MMAROR420P
	3.0	MMAROR430P
	4.0	MMAROR440P
	5.0	MMAROR450P
Ø5.0	0	MMAROR500P
	1.0	MMAROR510P
	2.0	MMAROR520P
	3.0	MMAROR530P
	4.0	MMAROR540P
	5.0	MMAROR550P

Meg-Magnet Attachment Set

Size	Ref.C
Small	MA402
Regular	MA502



Clinical Case

Clinical Case 1

- Courtesy of Dr. Iulian Filipov

Full mouth rehabilitation with fixed implant-supported prosthetisis

Aim

The aim of this clinical case is to report on rehibilitation of atrophic mandible and maxilla using “all on 4” and “all on 6: concept using Anyridge and AnyRidge Octa1 implant system.

Patient information

: A 69years old female was referred to our clinic for a total oral rehabilitation from both a functional and aesthetic point of view.

Treatment in Maxilla

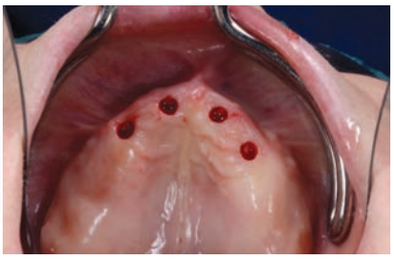
2 AnyRidge Octa 1 at tooth #12, 22 (D. 3.3mm X 11.5mm) and 2 AnyRidge implant at #14, 24 (D. 4.0mm X 11.5mm) with optimal primary stability as follows

Number	ISQ	
	After placement	After 2 Week
#12 (AnyRidge Octa 1)	69	73
#22 (AnyRidge Octa 1)	73	73
#14 (AnyRidge)	75	76
#24 (AnyRidge)	75	72

Treatment in Mandible

6 AnyRidge implants (D. 3.5mm X L. 13mm) were placed on the mandible within the interformaminal area, with a excellent primary stablity between 50Ncm to 60Ncm

Initial

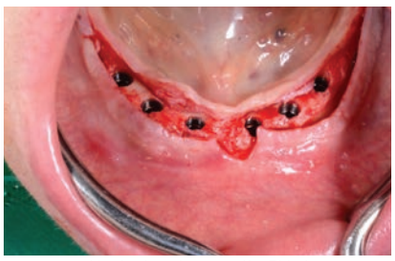


After drilling

Placing AnyRidge Octa 1 implant

AnyRidge #14, #24 AnyRidge Octa 1 #12, #22

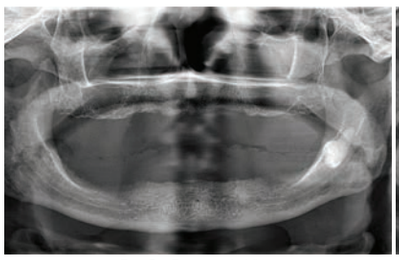
Initial



After Implant placement (AnyRidge)

Placing AnyRidge Octa 1 implant

Placing Healing ABT



Pre Op Panoramic View

After final prosthetic delivery (after 3 month)

Clinical Case 2

- Courtesy of Dr. Chang Hoon Han

Guaranteed excellent stability, even with compromised bone density

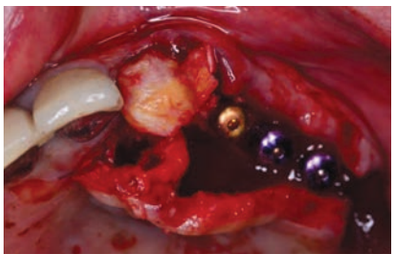
Patient information
This patient was a 75-year-old male with experience of bridge surgery and was admitted with discomfort due to periodontal disease and the existing bridge.

Treatment
A total of 4 AnyRidge Octa 1 implants (D 3.5X11.5mm -2ea, 4.1X10.0mm – 2ea) were placed after extraction of #22, 26, 27, 28 teeth

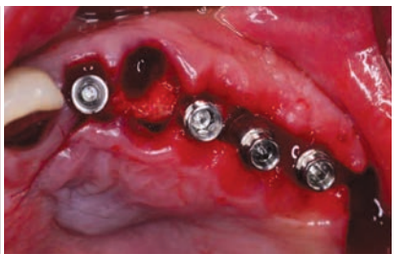
Number	Insertion Torque (Ncm)	ISQ					
		After OP	After 2W	After 4W	After 6W	After 8W	After 10W
#22	70	68	68	70	71	72	72
#24	70	67	68	70	70	71	72
#25	70	80	80	80	81	80	80
#26	45	80	80	81	81	81	81

Postoperatively, isq values and radiographs showed normal osseointegration and high initial stability, and all prosthetic conditions were good.

Screw loosening and prosthetic complications did not appear



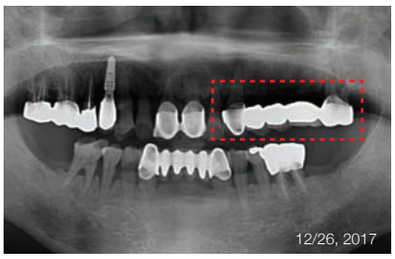
Implant placement



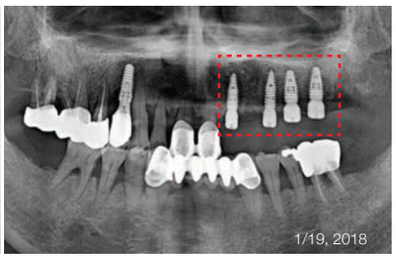
Abutment placement

Temporary prosthesis placement

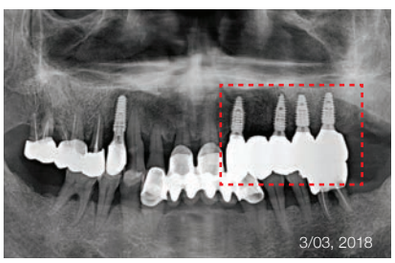
Final prosthetic placement



Pre-Op



Post-Op Panoramic view



Final prosthetic placement