BLUE DIAMOND IMPLANT

A CUT ABOVE THE REST

BLUEDIAMOND IMPLANT

MegaGen never stops developing….
for lifetime smiles


BLUEDIAMOND goes FAR BEYOND
the standard expectations
for dental implants...

CONTENTS

What makes BLUEDIAMOND a cut above the rest?

For clinicians

- Minimally invasive
- Fast & simple
- Predictable & excellent esthetics
- Mechanical, biological & long-term stability

Blue [blu:]: a masterpiece of implant technology

For patients

- Painless fast treatment
- Functional & esthetic new teeth
- Strong & long-term use

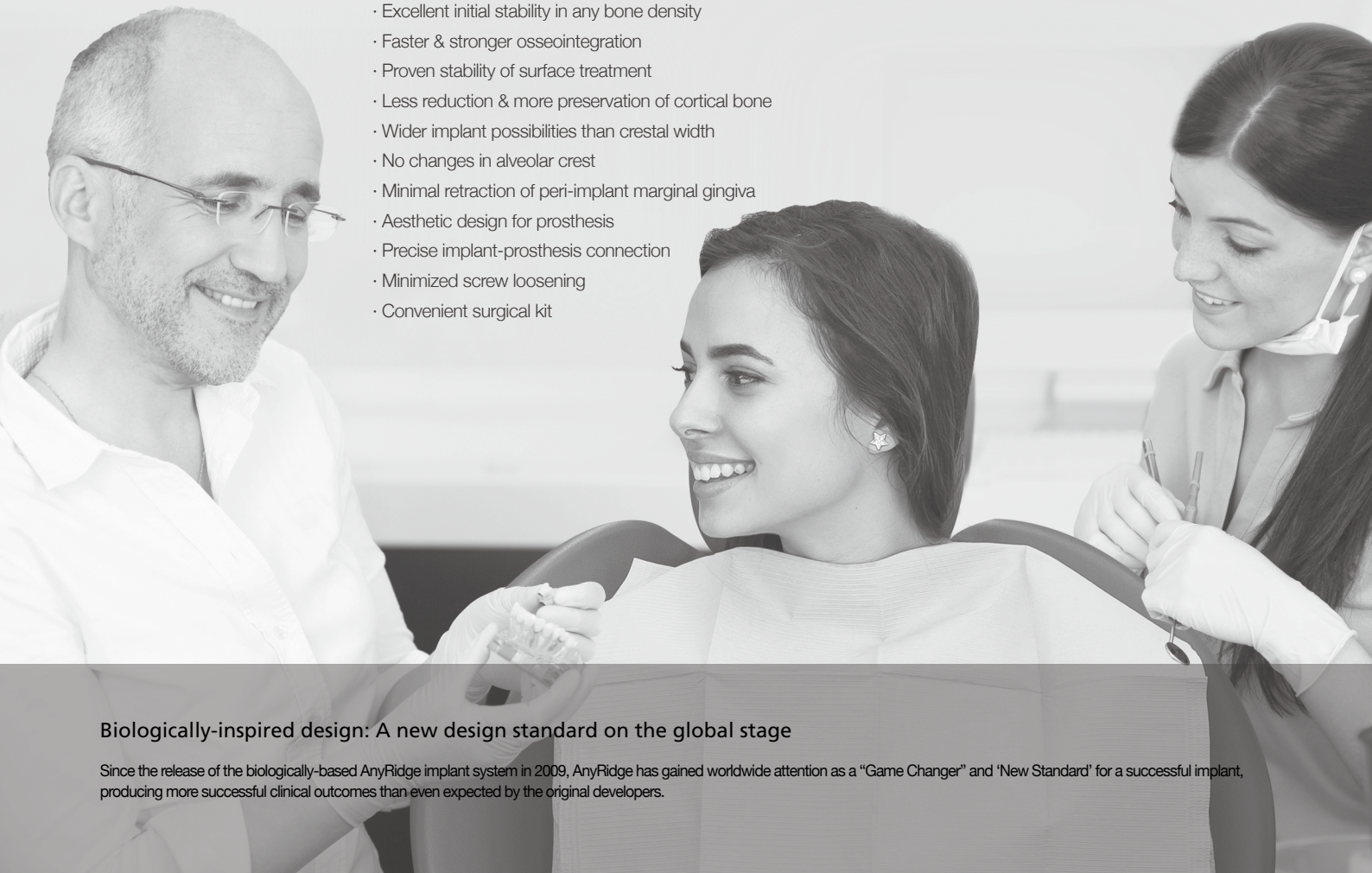
BLUEDIAMOND goes FAR BEYOND standard expectations of dental implants…

Advanced implant system for the digital age

BLUEDIAMOND® implants are MegaGen's premium implant system based on a new loading protocol with proven results from over 10 years. Leveraging all the strong points of AnyRidge, BLUEDIAMOND® implants have been enhanced to provide a long-term solution to the mechanical and biological complications that are currently challenging implant dentistry.

With an ever increasing number of users around the world, BLUEDIAMOND® implants enable fast implant treatment and provide patients with excellent new teeth that are esthetic, functional and long-lasting.

- Excellent initial stability in any bone density
- Faster & stronger osseointegration
- Proven stability of surface treatment
- Less reduction & more preservation of cortical bone
- Wider implant possibilities than crestal width
- No changes in alveolar crest
- Minimal retraction of peri-implant marginal gingiva
- Aesthetic design for prosthesis
- Precise implant-prosthesis connection
- Minimized screw loosening
- Convenient surgical kit

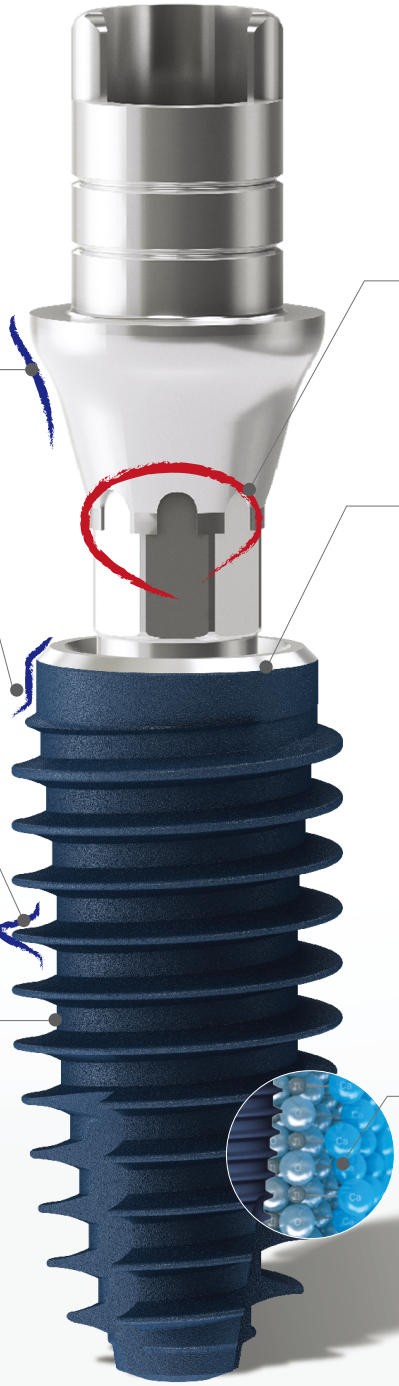


Biologically-inspired design: A new design standard on the global stage

Since the release of the biologically-based AnyRidge implant system in 2009, AnyRidge has gained worldwide attention as a "Game Changer" and 'New Standard' for a successful implant, producing more successful clinical outcomes than even expected by the original developers.

A CUT ABOVE THE REST

BLUEDIAMOND IMPLANT



Biologic S-line

Beautiful & natural-looking esthetics

Designed for less bone stress

Maximum preservation of cortical bone

Higher initial stability in any bone condition

Deep thread & KnifeThread® design ensure high stability even in soft bone

Digital planning becomes reality

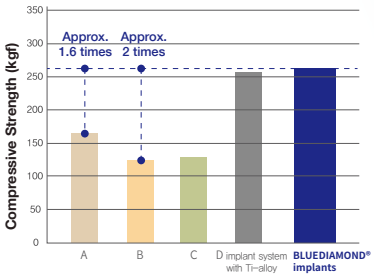
Octa position selection enables more accurate positioning

Feel the X-FIT moment!

First with Octa, then with Keystone
More precise positioning & connection

Targeting zero fractures

200% increase in compressive strength via scientific design (Comparison with major domestic fixtures)



Pure titanium body

Long-term biological stability with over 20 years of clinical evidence

XPEED®

Nano bone matrix layer of Ca^{2+}-incorporated S-L-A surface
Excellent, rapid & long-lasting osseointegration

Stronger than any other implant

Same long-term biological stability
Targeting zero fractures due to higher strength

BLUEDIAMOND® implants are made of pure medical Grade 4 titanium (coldworked) that has been clinically proven for more than 20 years to provide biocompatibility and ensure long-term survival when linked to an implant design with improved strength. Notably, combining a higher compressive strength and fatigue strength safeguards the long-term mechanical stability of the implant.

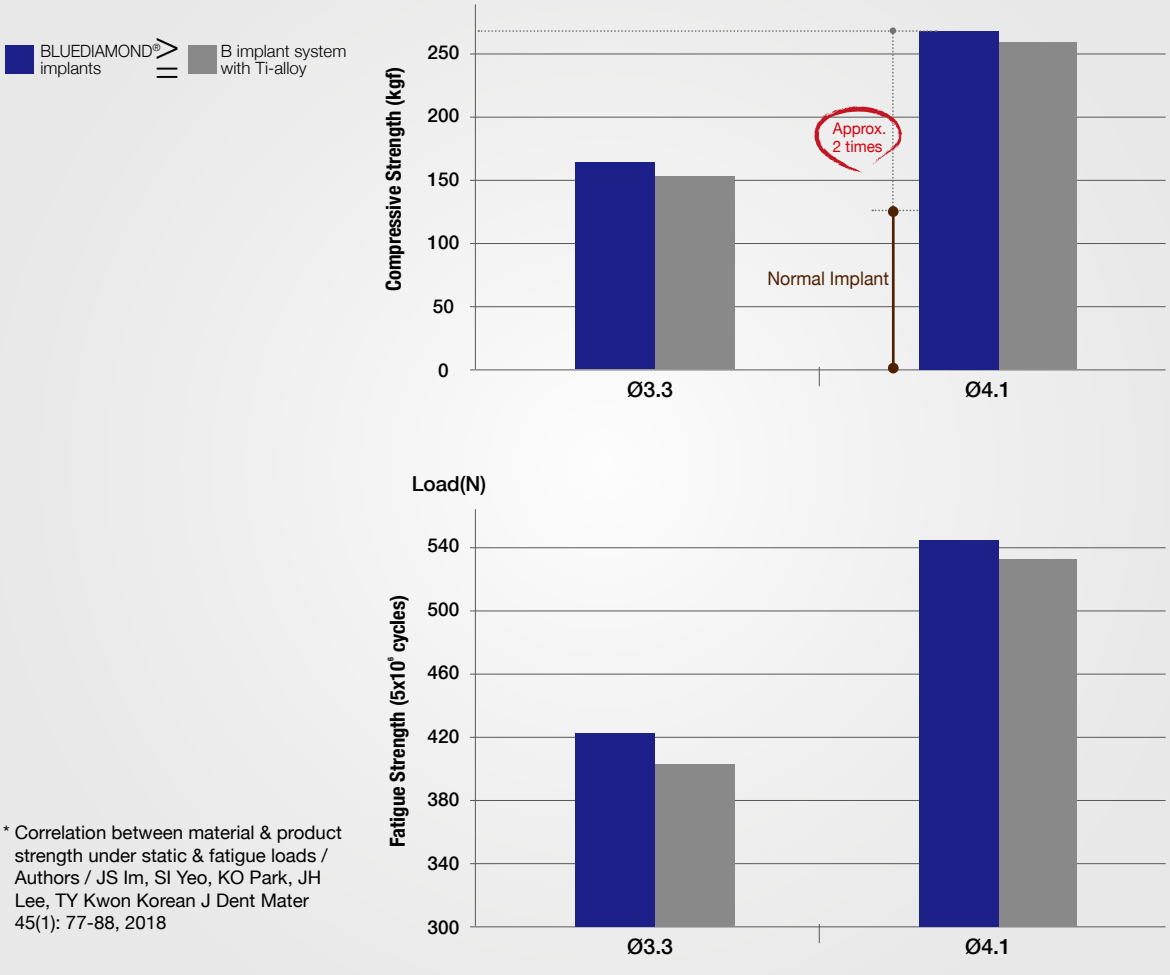
Optimized design is the key to long-term mechanical safety.

1) Optimized thickness & external shape of fixture/abutment wall
2) Optimized shape & diameter of abutment screw
3) Optimized shape & contact area of fixture/abutment connection
4) Selection of titanium material to improve overall strength

→ *When optimized, the overall strength is improved*

BLUEDIAMOND® implants are made of pure titanium and have an optimized structure and shape that result in a higher compression and fatigue strength when compared with implants made of titanium alloys.

Higher–strength with Ø3.3 fixture for anterior teeth & Ø4 fixture in posterior region
(Larger diameter is recommended for wide ridges)



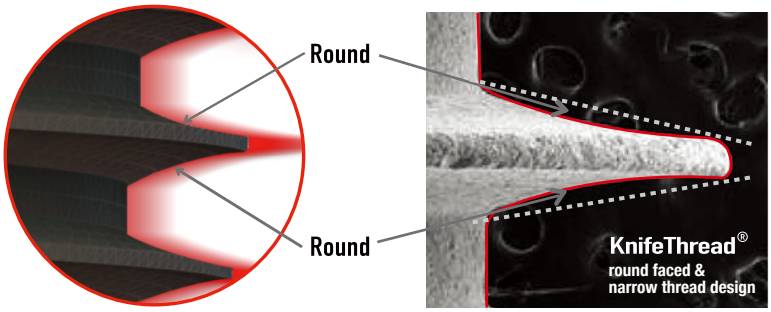
* Correlation between material & product strength under static & fatigue loads / Authors / JS Im, SI Yeo, KO Park, JH Lee, TY Kwon Korean J Dent Mater 45(1): 77-88, 2018

High initial stability for immediate placement in all bone types

KnifeThread® guarantees sustained implant stability

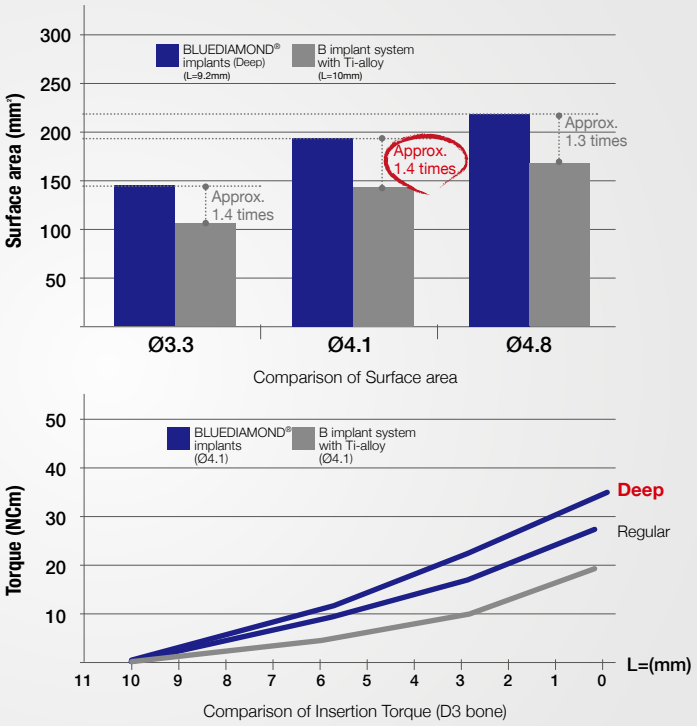
The unique KnifeThread® and super self-tapping design features provide superior initial stability in any compromised bone situation, including bone condensing, gentle ridge expansion, maximized compressive force resistance, and minimized shear force production.

1. Stable dispersion of stress with buttress thread shape
2. Easier insertion with sharp thread shape
3. Round face has larger surface area than straight face

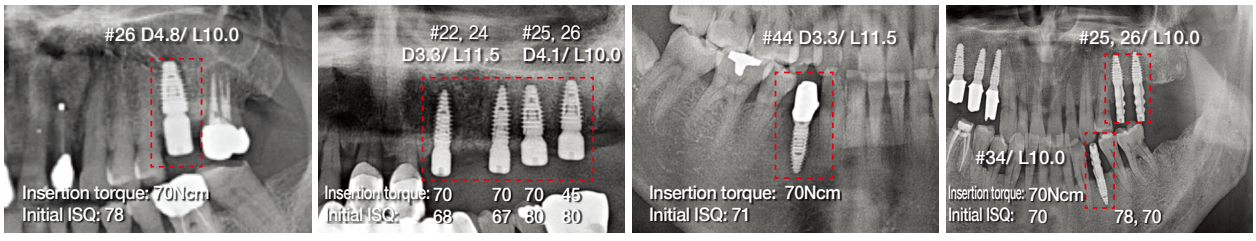


- ***Excellent initial stability***
- ***Excellent BIC***
- ***Special cutting efficiency during implant placement***
- ***High resistance to compressive force***
- ***Minimized occurrence of shear force***
- ***Large surface area for osseointegration***

*R&D center in MegaGen Implant Co.,Ltd.(2017)



High ISQ value on day of placement in any bone density



Fixture thread options for better initial stability

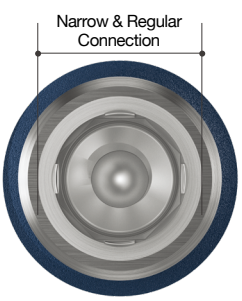
The option of different thread depths (regular or deep) and special KnifeThread® design enable easy implant placement with good primary stability in ALL bone densities

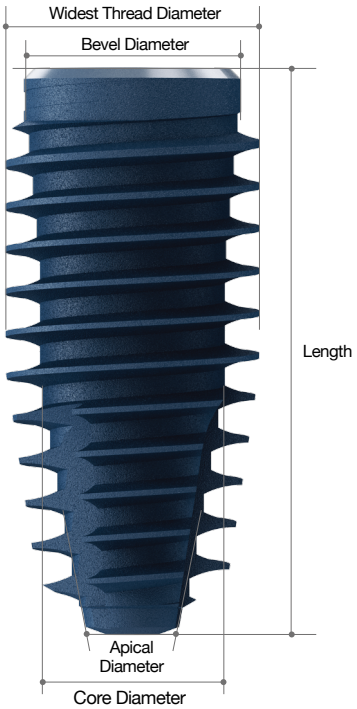
· REGULAR thread recommended for hard bone (D1 & D2)
· DEEP thread recommended for soft bone or poor bone density (D3 & D4)

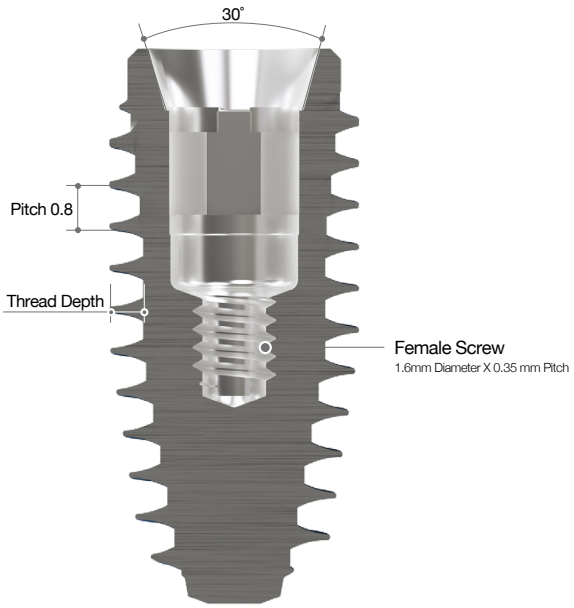
	Fixture Diameter							
	Ø3.3	Ø3.7	Ø4.1	Ø4.4	Ø4.8	Ø5.3	Ø5.8	Ø6.3
Regular Thread								
Thread Depth	0.4	0.4	0.45	0.45	0.4	0.55		
Deep Thread								
Thread Depth	0.6	0.6	0.65	0.65	0.65	0.75	1.0	1.25

Regular & Deep Threads

Fixture Diameter	Widest Thread Diameter (Normal Thread)	(Deep Thread)	Bevel Diameter	Apical Diameter (Normal&Deep Thread)	Core Diameter	Thread Depth (Normal Thread)	(Deep Thread)	Length(mm)	Connection Diameter
Ø3.3	Ø3.6	Ø4.0	Ø3.3	Ø1.1	Ø2.8	0.4	0.6	7 / 7.7 / 9.2 / 10.7 / 12.2 / 14.2 / 17.2	Ø2.8
Ø3.7	Ø4.0	Ø4.4	Ø3.7	Ø1.4	Ø3.2	0.4	0.6		Ø2.8
Ø4.1	Ø4.4	Ø4.8	Ø4.1	Ø1.9	Ø3.5	0.45	0.65		Ø3.3
Ø4.4	Ø4.7	Ø5.1	Ø4.4	Ø2.1	Ø3.8	0.45	0.65		Ø3.3
Ø4.8	Ø5.0	Ø5.5	Ø4.8	Ø2.4	Ø4.2	0.4	0.65		Ø3.3
Ø5.3	Ø5.6	Ø6.0	Ø5.3	Ø2.8	Ø4.5	0.55	0.75		Ø3.3
Ø5.8		Ø6.5	Ø5.3	Ø2.8	Ø4.5		1.0		Ø3.3
Ø6.3		Ø7.0	Ø5.3	Ø2.8	Ø4.5		1.25		Ø3.3







Designed to be minimally invasive

Maintains more existing bone for better long-term prognosis

Thread-less section for maximum preservation of cortical bone

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

BLUEDIAMOND® implants do not rely on cortical bone for initial stability. By reducing the stress applied to the cortical bone, this prevents bone resorption that occurs after fixture placement.

The coronal design of BLUEDIAMOND® implants preserves more cortical bone around the fixture, resulting in a beautiful gingival line, along with fast and strong osseointegration.

Narrow apical diameter

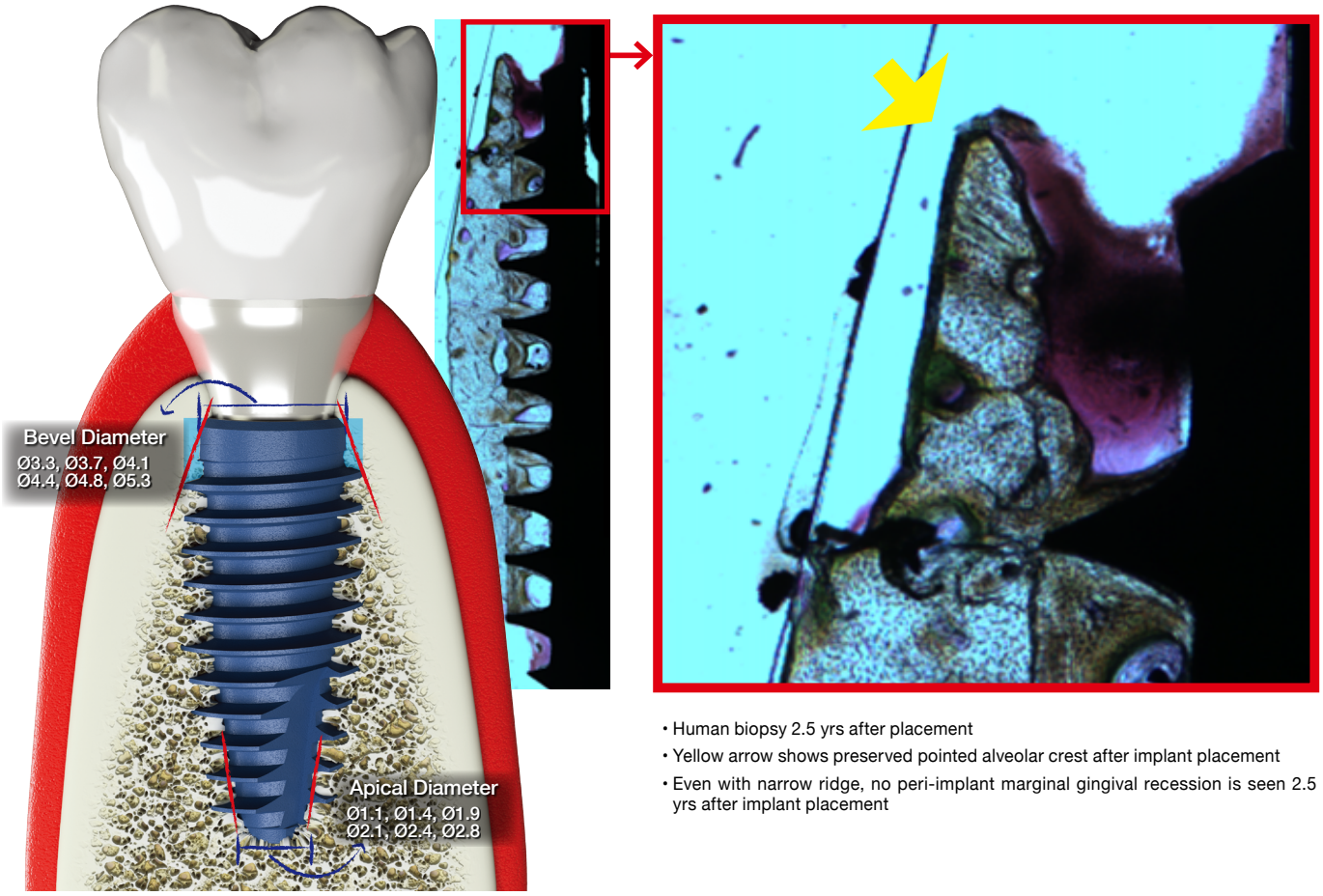
allows placement of wider fixture in narrow crest

Insertion of longer fixture

The narrow apical diameter of BLUEDIAMOND® implants allows a wider fixture to be placed via a narrow alveolar crest, while preserving the surrounding hard & soft tissue (minimally invasive).

BLUEDIAMOND® implants have a relatively high strength compared to their diameter, providing sufficient strength even in a narrow ridge.

The narrow apical diameter also reduces the risk of touching sensitive anatomy (nerves), allowing the placement of longer fixtures.



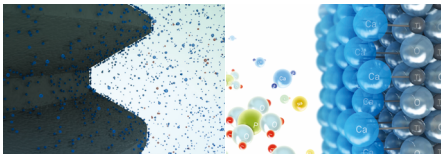
- Human biopsy 2.5 yrs after placement
- Yellow arrow shows preserved pointed alveolar crest after implant placement
- Even with narrow ridge, no peri-implant marginal gingival recession is seen 2.5 yrs after implant placement

Immediately high & sustained ISQ values

Fast & strong osseointegration with clinical results from over 10 years
Surface treatment technology that produces excellent results

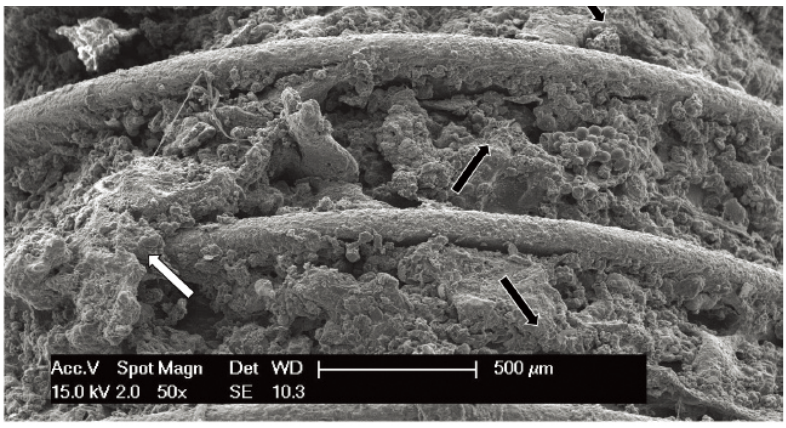
XPEED surface treatment is a unique technology from MegaGen.
BLUEDIAMOND® implants undergo a special process of Ca^{2+} ion deposition on the implant surface, following S-L-A surface treatment of pure medical Grade 4 titanium. These Ca^{2+} ions create $CaTiO_3$ nanostructures on the implant surface that then activate osteoblasts in living bone cells.

- *In vivo*, many cations are formed on implant surface due to calcium
- More PO_4^{3-} ions are then adsorbed & Ca^{2+} ions are re-adsorbed to adsorbed PO_4^{3-} ions
- Apatite layer similar to bone mineral is promoted & mineralized into hydroxyapatite



Excellent bone formation rate proven by human clinical study

Multiple animal and human clinical studies demonstrate rapid bone cell proliferation and long-term stability of Xpeed surface treatment.

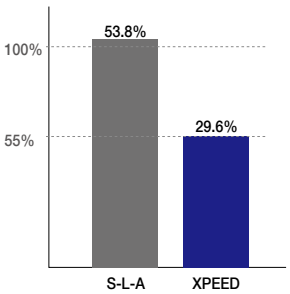


The empty spaces between the threads are completely filled with growing bone tissue (black arrow): In the early osteosynthesis process, new bone was found to cover the entire fixture, and on the left, you can see a small bone mass on the metal ridge (white arrow).

***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**

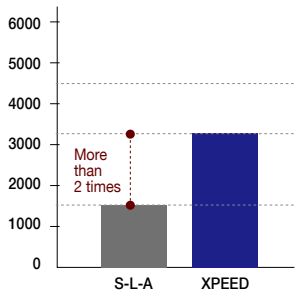
Superiority of XPEED surface technology compared to S-L-A

Hydrocarbon Peak (%)



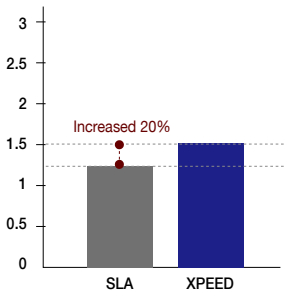
· Over 50% reduction of hydrocarbons, which interfere with osteosynthesis

Initial Protein Adsorption (collagen)



· 2 times better adsorption of essential proteins for initial osseointegration

Cell Proliferation (SAOS-2, Osteoblast)



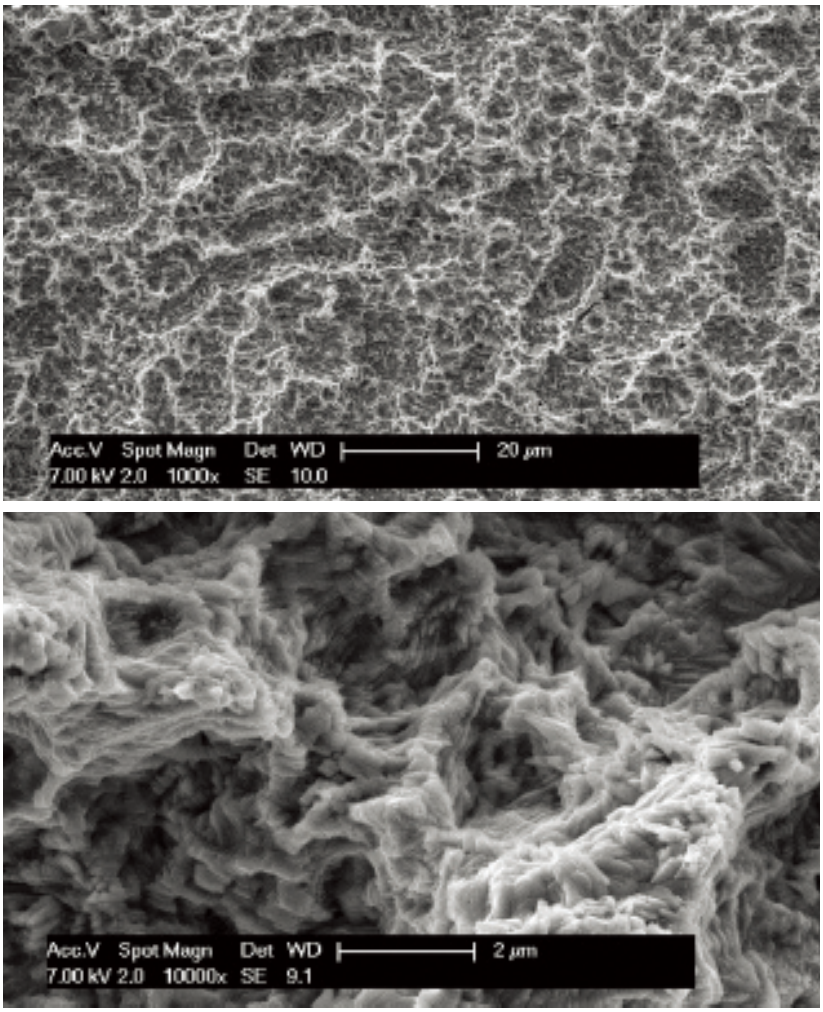
· Over 20% improved osteoblast proliferation for improved osteoblast adhesion

Awarded <Clean Implant Trusted Quality Award>

By awarding "Trusted Quality" for two implant systems, AnyRidge & BlueDiamond, first time among implant company, verified surface treatment quality which has been obtained only by 13 implant systems in the world.

· Be Confident, you are using a CLEAN IMPLANT!

· Guarantees safety for implant surface treatment and long–term stability of implants.



SEM shows surface is perfectly clean & no contamination

100% acid-free surface: surface treatment with NO acid residue

Self-neutralization reaction of acids & bases from XPEED® surface treatment process completely neutralizes & removes any acid residue, resulting in unique blue surface color

BLUEDIAMOND® implants have ideal roughness value (Ra 1.8-2.5µm) This regular Ra (surface roughness) value ensures more uniform bone growth

TRUSTED QUALITY 2022-2023
CLEAN IMPLANT

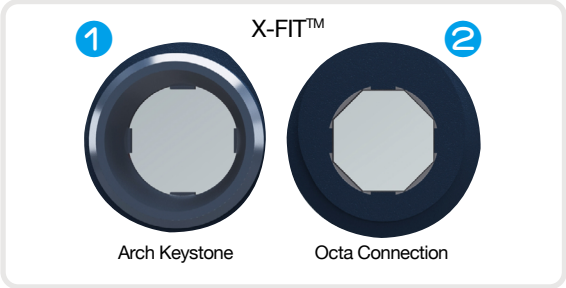
A non-profit located in Germany, the Clean Implant Foundation tests implants worldwide to ensure the quality of the surface cleanliness, and very few implant brands are certified.

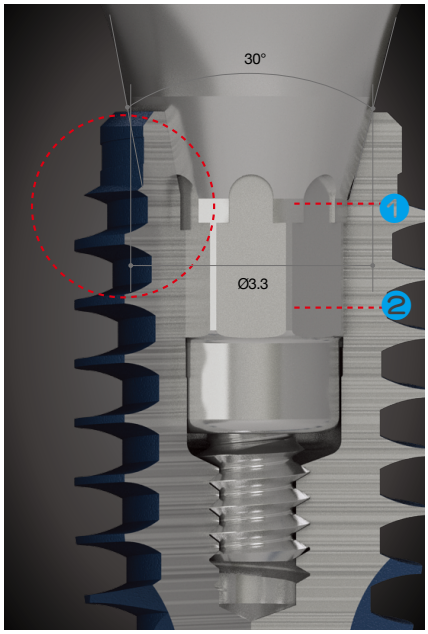
Accurate positioning & excellent prosthetic connection

Feel the X-FIT™ moment!
Precise Positioning & Prosthetic Connection

BLUEDIAMOND® implants have a unique X-FIT™ connection with a 30° internal conical connection & double-fastened internal structure of an arch keystone & octa combination

Devised from architectural principles, the arch-type keystone improves long-term mechanical stability with high resistance to external compressive forces, such as mastication, and an excellent stress dispersion effect.



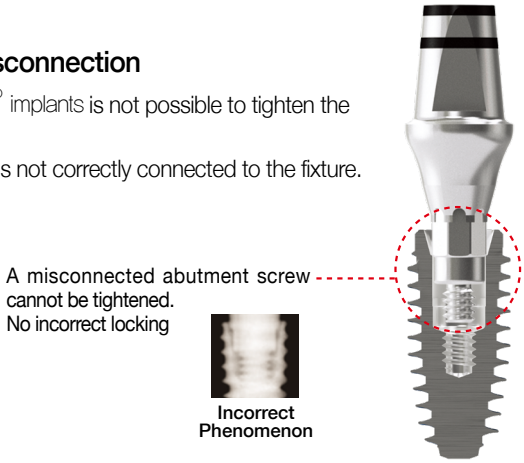


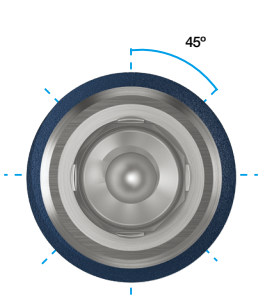
· Click! Fits in 8 positions

When correctly mounted, the abutment & fixture snap together to create a perfect connection. Plus, the position of the abutment can be precisely rotated in 45° increments (8 positions), allowing accurate positioning, especially when using an angled abutment.

· No more misconnection

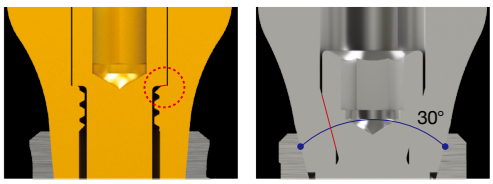
BLUEDIAMOND® implants is not possible to tighten the abutment screw
if the prosthesis is not correctly connected to the fixture.



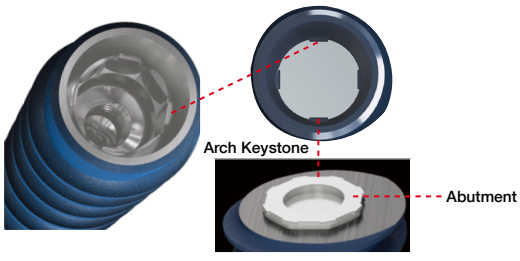


SEM Image x30

· Minimize Screw Loosening
Improves convenience of implant maintenance



· Increased joint area between abutment screw & abutment
Minimized sinking due to 30° connection



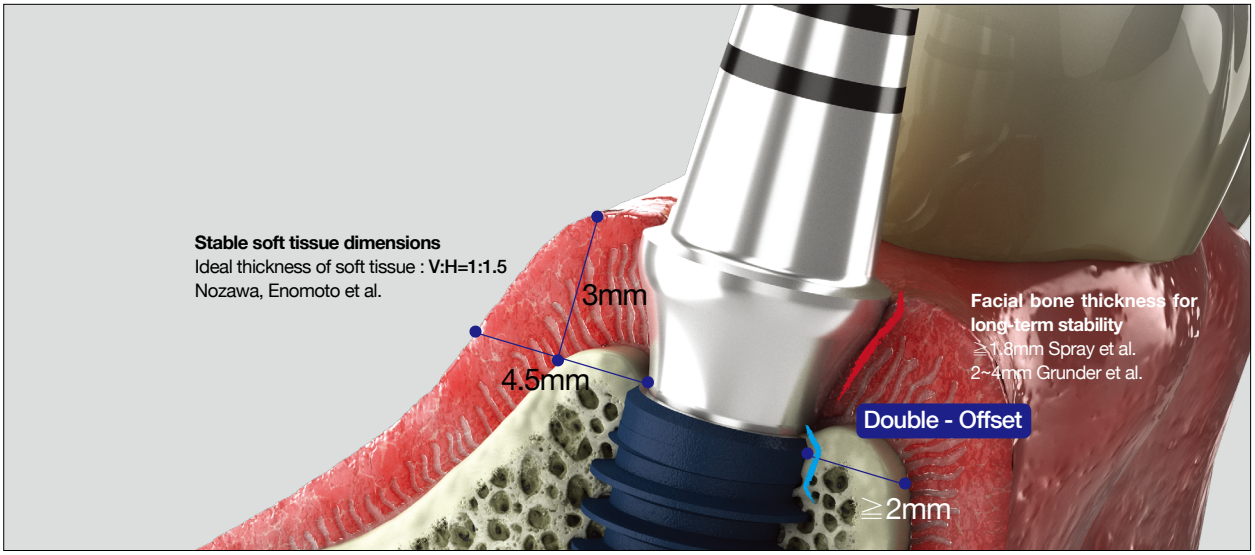
· Minimized rotation angle between abutment & fixture due to keystone structure inside fixture & abutment joint

Better esthetics & prosthetic line-up

Extensive prosthetic line-up to cover all cases & functionally superior design to guarantee improved esthetic results

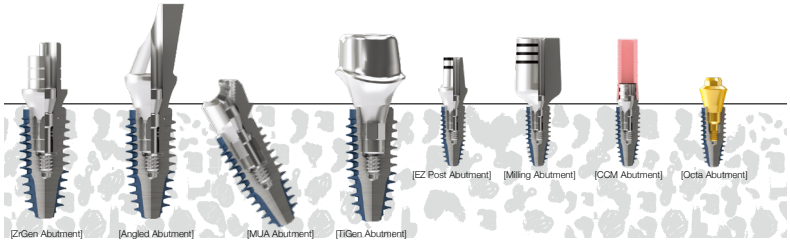
Biologic S-line

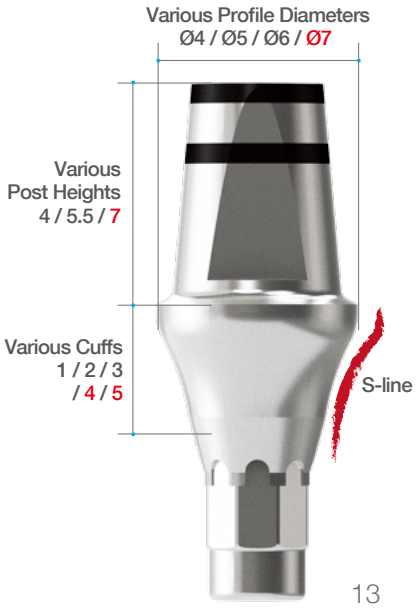
Upper thread-less section of fixture & double-offset structure of biologic S-line cuff design of abutment create better peri-implant biotype & provide emergence profile for more esthetic & functional prosthetic results.



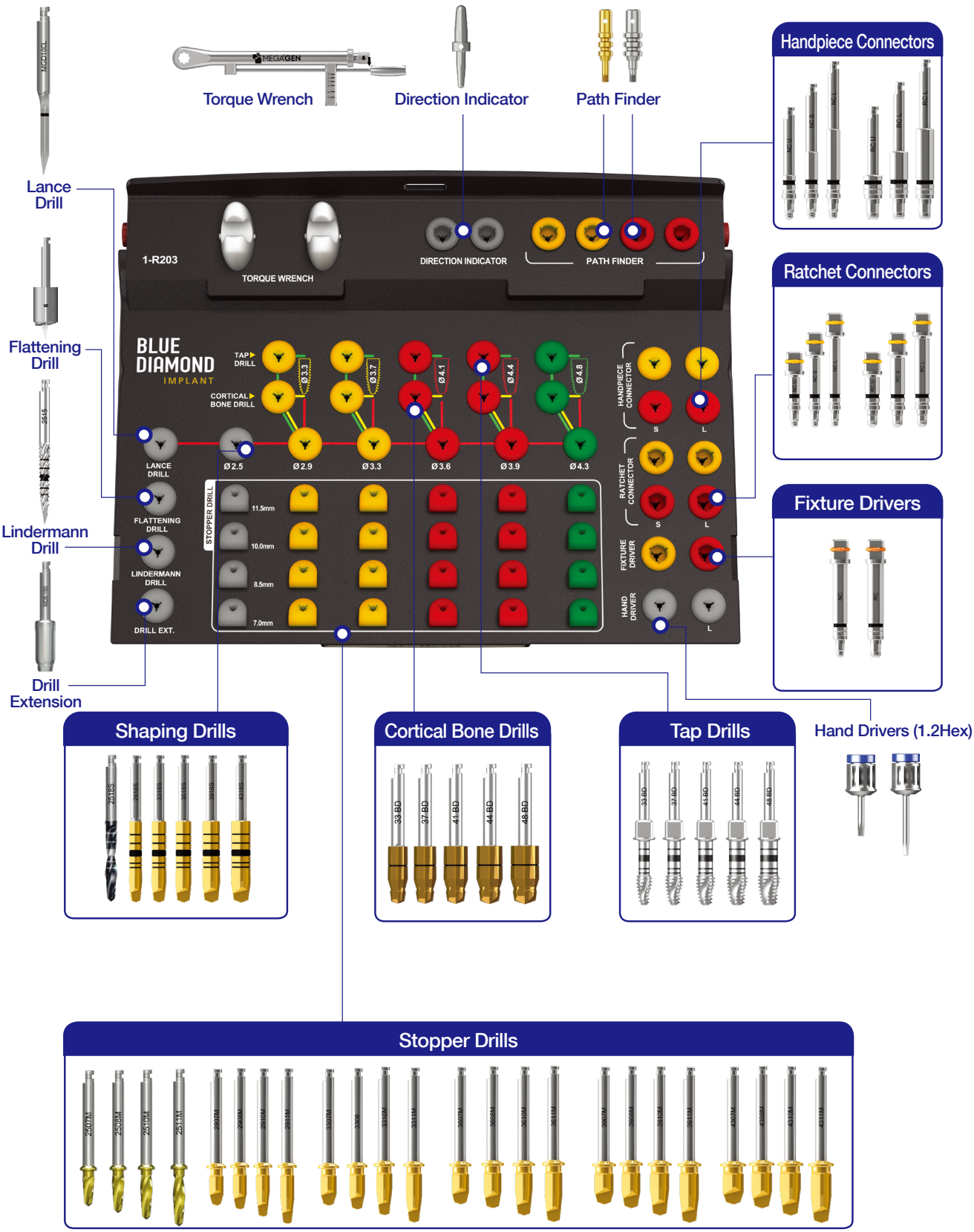
Courtesy of Dr. Edison Shimaj

The prosthetic line-up includes a variety of sizes to satisfy all clinical needs, covering overdentures, all on 4(6), digital, as well as general prosthetics.





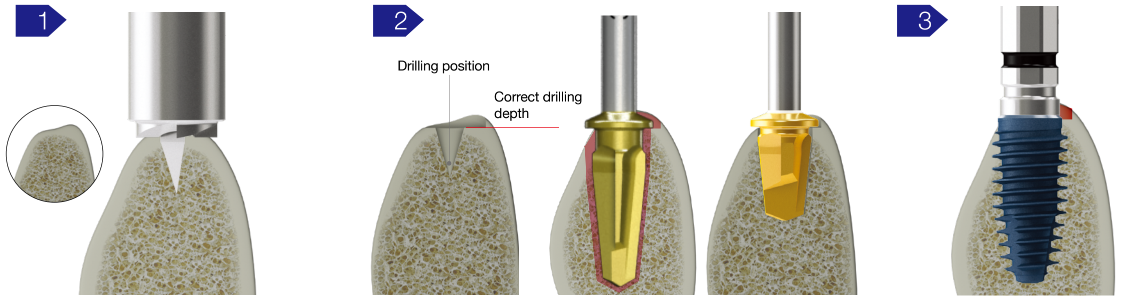
Convenient surgical kit



Simple & intuitive drilling sequence

Place the implant according to the guided drilling sequence for optimum initial stability

Drilling Protocol



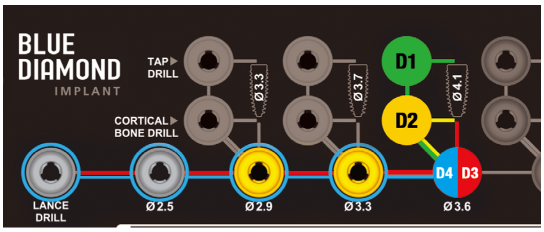
- Use flattening drill to level bone surface for fixture placement (use Ø5.0 housing if final drill is Ø2.0mm~4.3mm & use Ø6.0mm housing if final drill is Ø4.8mm~Ø5.4mm)
- Start suitable drilling sequence according to fixture size & bone density
- Placement using handpiece & ratchet connector

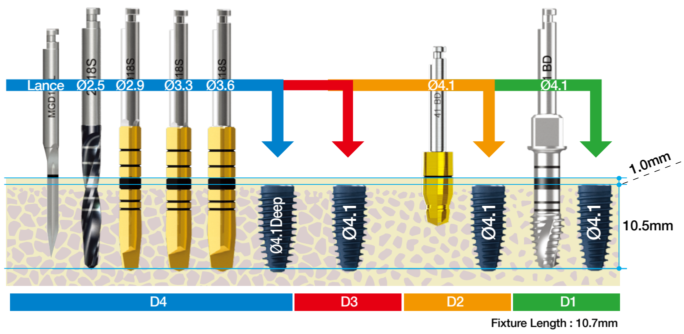
Drilling protocol according to fixture diameter & bone density for optimal initial stability

① In surgical kit, identify color line for fixture diameter to be placed

② Drill along color line according to bone density
D3: Red / D2: Yellow / D1: Green / D4 : After drilling the same sequence with D3, place deep thread fixture

③ If bone density is very poor or initial stability is insufficient, place deep thread fixture of same size using same drill sequence





Ex) Drilling sequences when placing Ø4.1 fixture with regular thread or deep thread

BLUEDIAMOND® implants Surgical Kit Drills

	Flattening Drill	Lance	Shaping Drills						Cortical Bone Drills					Tap Drills					Stopper Drills					
	Ø5.0 / Ø2.0	Ø2.0	Ø2.5	Ø2.9	Ø3.3	Ø3.6	Ø3.9	Ø4.3	Ø3.6	Ø4.0	Ø4.4	Ø4.7	Ø5.0	Ø3.3	Ø3.7	Ø4.1	Ø4.4	Ø4.8	Ø2.5	Ø2.9	Ø3.3	Ø3.6	Ø3.9	Ø4.3
																								
rpm max	400~600	800~1000							300					15					800~1000					

Fixture Product & Packaging

I. Fixture Size

NC Ø3.3

- Cover Screw included

※XPEEDActive : Availability may vary by country

NC

Fixture Diameter	Connection	Length (mm)	Ref.C	
			XPEED	XActive
Ø3.3	NC	7	ARO3307C	ARO3307XAC
		8.5	ARO3308C	ARO3308XAC
		10	ARO3310C	ARO3310XAC
		11.5	ARO3311C	ARO3311XAC
		13	ARO3313C	ARO3313XAC
		15	ARO3315C	ARO3315XAC
		18	ARO3318C	ARO3318XAC

NC Ø3.7

- Cover Screw included

※XPEEDActive : Availability may vary by country

NC

Fixture Diameter	Connection	Length (mm)	Ref.C	
			XPEED	XActive
Ø3.7	NC	7	ARO3707C	ARO3707XAC
		8.5	ARO3708C	ARO3708XAC
		10	ARO3710C	ARO3710XAC
		11.5	ARO3711C	ARO3711XAC
		13	ARO3713C	ARO3713XAC
		15	ARO3715C	ARO3715XAC
		18	ARO3718C	ARO3718XAC

RC Ø4.1

- Cover Screw included

※XPEEDActive : Availability may vary by country

RC

Fixture Diameter	Connection	Length (mm)	Ref.C	
			XPEED	XActive
Ø4.1	RC	7	ARO4107C	ARO4107XAC
		8.5	ARO4108C	ARO4108XAC
		10	ARO4110C	ARO4110XAC
		11.5	ARO4111C	ARO4111XAC
		13	ARO4113C	ARO4113XAC
		15	ARO4115C	ARO4115XAC
		18	ARO4118C	ARO4118XAC

RC Ø4.4

- Cover Screw included

※XPEEDActive : Availability may vary by country

RC

Fixture Diameter	Connection	Length (mm)	Ref.C	
			XPEED	XActive
Ø4.4	RC	7	ARO4407C	ARO4407XAC
		8.5	ARO4408C	ARO4408XAC
		10	ARO4410C	ARO4410XAC
		11.5	ARO4411C	ARO4411XAC
		13	ARO4413C	ARO4413XAC
		15	ARO4415C	ARO4415XAC
		18	ARO4418C	ARO4418XAC

RC Ø4.8

- Cover Screw included

※XPEEDActive : Availability may vary by country

RC

Fixture Diameter	Connection	Length (mm)	Ref.C	
			XPEED	XActive
Ø4.8	RC	7	ARO4807C	ARO4807XAC
		8.5	ARO4808C	ARO4808XAC
		10	ARO4810C	ARO4810XAC
		11.5	ARO4811C	ARO4811XAC
		13	ARO4813C	ARO4813XAC
		15	ARO4815C	ARO4815XAC
		18	ARO4818C	ARO4818XAC

RC Ø5.3

- Cover Screw included

※Availability may vary by country

RC

Fixture Diameter	Connection	Length (mm)	Ref.C	
			XPEED	XActive
Ø5.3	RC	7	ARO5307C	ARO5307XAC
		8.5	ARO5308C	ARO5308XAC
		10	ARO5310C	ARO5310XAC
		11.5	ARO5311C	ARO5311XAC
		13	ARO5313C	ARO5313XAC
		15	ARO5315C	ARO5315XAC
		18	ARO5318C	ARO5318XAC

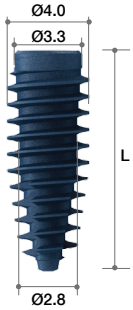
NC Ø3.3 Deep Thread

- Cover Screw included

※XPEEDActive : Availability may vary by country

NC Deep

Fixture Diameter	Connection	Length (mm)	Ref.C	
			XPEED	XActive
Ø3.3	NC	7	ARO3307DC	ARO3307DXAC
		8.5	ARO3308DC	ARO3308DXAC
		10	ARO3310DC	ARO3310DXAC
		11.5	ARO3311DC	ARO3311DXAC
		13	ARO3313DC	ARO3313DXAC
		15	ARO3315DC	ARO3315DXAC
		18	ARO3318DC	ARO3318DXAC



NC Ø3.7 Deep Thread

- Cover Screw included

※XPEEDActive : Availability may vary by country

NC Deep

Fixture Diameter	Connection	Length (mm)	Ref.C	
			XPEED	XActive
Ø3.7	NC	7	ARO3707DC	ARO3707DXAC
		8.5	ARO3708DC	ARO3708DXAC
		10	ARO3710DC	ARO3710DXAC
		11.5	ARO3711DC	ARO3711DXAC
		13	ARO3713DC	ARO3713DXAC
		15	ARO3715DC	ARO3715DXAC
		18	ARO3718DC	ARO3718DXAC

RC Ø4.1 Deep Thread

- Cover Screw included

※XPEEDActive : Availability may vary by country

RC Deep

Fixture Diameter	Connection	Length (mm)	Ref.C	
			XPEED	XActive
Ø4.1	RC	7	ARO4107DC	ARO4107DXAC
		8.5	ARO4108DC	ARO4108DXAC
		10	ARO4110DC	ARO4110DXAC
		11.5	ARO4111DC	ARO4111DXAC
		13	ARO4113DC	ARO4113DXAC
		15	ARO4115DC	ARO4115DXAC
		18	ARO4118DC	ARO4118DXAC

RC Ø4.4 Deep Thread

- Cover Screw included

※XPEEDActive : Availability may vary by country

RC Deep

Fixture Diameter	Connection	Length (mm)	Ref.C	
			XPEED	XActive
Ø4.4	RC	7	ARO4407DC	ARO4407DXAC
		8.5	ARO4408DC	ARO4408DXAC
		10	ARO4410DC	ARO4410DXAC
		11.5	ARO4411DC	ARO4411DXAC
		13	ARO4413DC	ARO4413DXAC
		15	ARO4415DC	ARO4415DXAC
		18	ARO4418DC	ARO4418DXAC

RC Ø4.8 Deep Thread

- Cover Screw included

※XPEEDActive : Availability may vary by country

RC Deep

Fixture Diameter	Connection	Length (mm)	Ref.C	
			XPEED	Active
Ø4.8	RC	7	ARO4807DC	ARO4807DXAC
		8.5	ARO4808DC	ARO4808DXAC
		10	ARO4810DC	ARO4810DXAC
		11.5	ARO4811DC	ARO4811DXAC
		13	ARO4813DC	ARO4813DXAC
		15	ARO4815DC	ARO4815DXAC
		18	ARO4818DC	ARO4818DXAC

RC Ø5.3 Deep Thread

- Cover Screw included

※ Availability may vary by country

RC Deep

Fixture Diameter	Connection	Length (mm)	Ref.C	
			XPEED	Active
Ø5.3	RC	7	ARO5307DC	ARO5307DXAC
		8.5	ARO5308DC	ARO5308DXAC
		10	ARO5310DC	ARO5310DXAC
		11.5	ARO5311DC	ARO5311DXAC
		13	ARO5313DC	ARO5313DXAC
		15	ARO5315DC	ARO5315DXAC
		18	ARO5318DC	ARO5318DXAC

RC Ø5.8 Deep Thread

- Cover Screw included

※ Availability may vary by country

RC Deep

Fixture Diameter	Connection	Length (mm)	Ref.C	
			XPEED	Active
Ø5.8	RC	7	ARO5807DC	ARO5807DXAC
		8.5	ARO5808DC	ARO5808DXAC
		10	ARO5810DC	ARO5810DXAC
		11.5	ARO5811DC	ARO5811DXAC
		13	ARO5813DC	ARO5813DXAC
		15	ARO5815DC	ARO5815DXAC
		18	ARO5818DC	ARO5818DXAC

RC Ø6.3 Deep Thread

- Cover Screw included

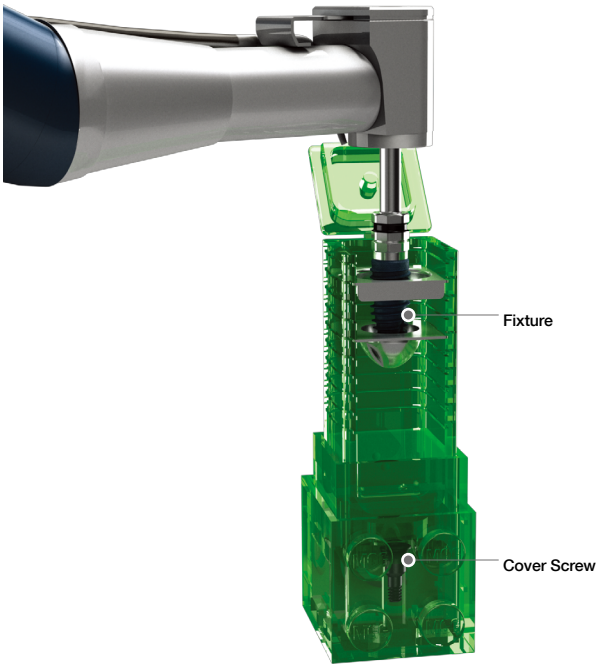
※ Availability may vary by country

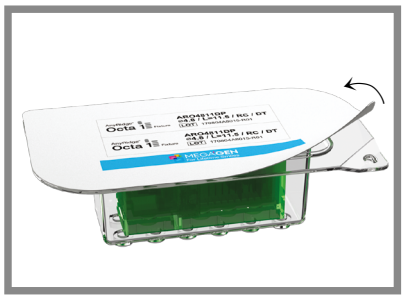
RC Deep

Fixture Diameter	Connection	Length (mm)	Ref.C	
			XPEED	Active
Ø6.3	RC	7	ARO6307DC	ARO6307DXAC
		8.5	ARO6308DC	ARO6308DXAC
		10	ARO6310DC	ARO6310DXAC
		11.5	ARO6311DC	ARO6311DXAC
		13	ARO6313DC	ARO6313DXAC
		15	ARO6315DC	ARO6315DXAC
		18	ARO6318DC	ARO6318DXAC

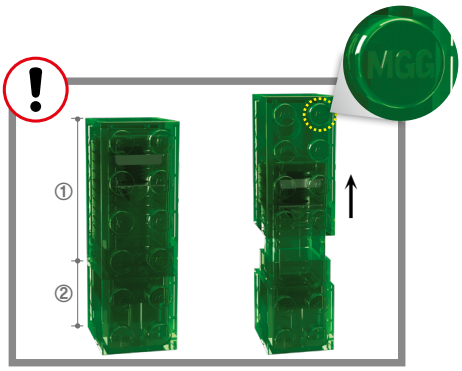
II. Packaging

- Ampule

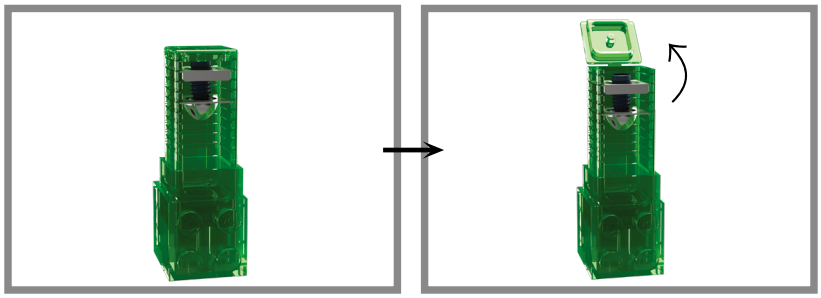




Peel off cover & remove ampule



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

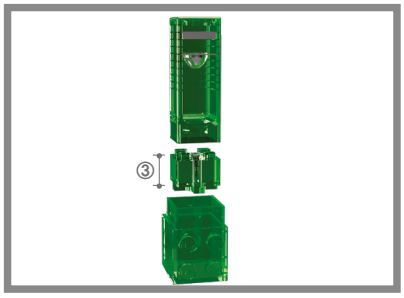


Flip open top to reveal fixture

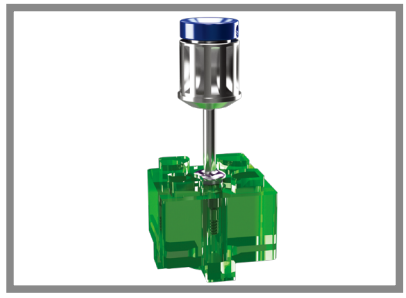
Connect handpiece to fixture

Make sure fixture is fully connected, then remove from ampule

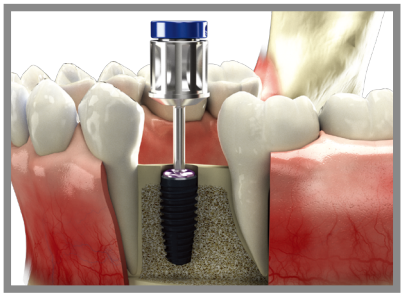
Place fixture according to drilling sequence



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 is re-usable as building block (after cleaning & sterilization) reducing plastic waste!

Cover Screw & Healing Abutment

Cover Screw

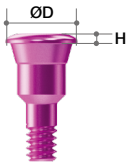
- Included in fixture packaging

- For use with submerged-type surgery
- Protects inner structure of fixture
- Different height options
- 1mm & umbrella (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

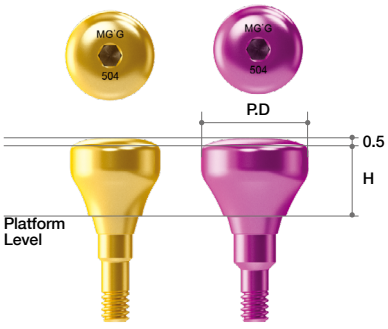
Umbrella Cover Screw

Prevents implant from falling into maxillary sinus
Suitable for simple GBR surgery

Use with Hand Driver

Healing Abutment

- For use with non-submerged-type surgery & 2-stage surgery
- Different diameter & height options
- Helps to form suitable emergence profile during 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

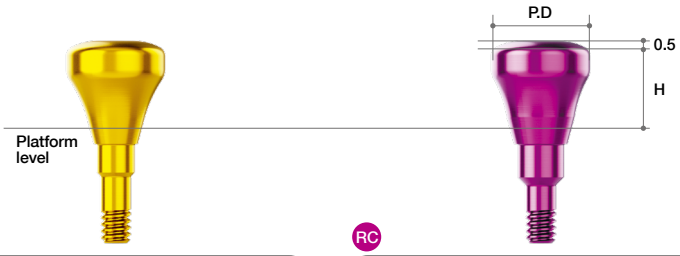
RC

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

Healing Abutment

(Coming Soon)

- For use with non-submerged-type surgery & 2-stage surgery
- Different diameter & height options
- Helps to form suitable emergence profile during 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	BDHAN302
	3	BDHAN303
	4	BDHAN304
	5	BDHAN305
	6	BDHAN306
	7	BDHAN307
	8	BDHAN308
	9	BDHAN309
Ø4.0	2	BDHAN402
	3	BDHAN403
	4	BDHAN404
	5	BDHAN405
	6	BDHAN406
	7	BDHAN407
	8	BDHAN408
	9	BDHAN409
Ø5.0	2	BDHAN502
	3	BDHAN503
	4	BDHAN504
	5	BDHAN505
	6	BDHAN506
	7	BDHAN507
	8	BDHAN508
	9	BDHAN509

RC

Profile Diameter	Height (mm)	Ref.C
Ø4.0	2	BDHAR402
	3	BDHAR403
	4	BDHAR404
	5	BDHAR405
	6	BDHAR406
	7	BDHAR407
	8	BDHAR408
	9	BDHAR409
Ø5.0	2	BDHAR502
	3	BDHAR503
	4	BDHAR504
	5	BDHAR505
	6	BDHAR506
	7	BDHAR507
	8	BDHAR508
	9	BDHAR509
Ø6.0	2	BDHAR602
	3	BDHAR603
	4	BDHAR604
	5	BDHAR605
	6	BDHAR606
	7	BDHAR607
	8	BDHAR608
	9	BDHAR609
Ø7.0	2	BDHAR702
	3	BDHAR703
	4	BDHAR704
	5	BDHAR705
	6	BDHAR706
	7	BDHAR707
	8	BDHAR708
	9	BDHAR709

All in one package

(Anatomic type)

Height (mm)	Connection	Ref.C
4	Octa	C-AHBD04OP
	Non-Octa	C-AHBD04NP
5	Octa	C-AHBD05OP
	Non-Octa	C-AHBD05NP
7	Octa	C-AHBD07OP
	Non-Octa	C-AHBD07NP

Healing Abutment

(Anatomic type)

- Abutment screw (H=4 AROHAS1604/ H=5 AROHAS1605/ H=7 AROHAS1607) included

- For use with non-submerged type surgery & 2-stage surgery
- Different diameter & height options
- Helps to form suitable emergence profile during gingival healing
- Recommend torque: by hand (5 - 8Ncm)
- Use with Hand Driver(1.2 Hex)

NC

Type	MD (mm)	LL (mm)	Position No.	Height (mm)	Connection	Ref.C
Incisor	4.0	5.0	I1	4	Octa	AROHIN40504T
				5		AROHIN40505T
				7		AROHIN40507T
	4.5	4.5	I2	4		AROHIN45454T
				5		AROHIN45455T
				7		AROHIN45457T
	6.0	5.0	I3	4		AROHIN60504T
				5		AROHIN60505T
				7		AROHIN60507T
	7.0	6.0	I4	4		AROHIN70604T
				5		AROHIN70605T
				7		AROHIN70607T
	4.0	5.0	I1	4	Non-Octa	AROHIN40504NT
				5		AROHIN40505NT
				7		AROHIN40507NT
	4.5	4.5	I2	4		AROHIN45454NT
				5		AROHIN45455NT
				7		AROHIN45457NT
	6.0	5.0	I3	4		AROHIN60504NT
				5		AROHIN60505NT
				7		AROHIN60507NT
	7.0	6.0	I4	4		AROHIN70604NT
				5		AROHIN70605NT
				7		AROHIN70607NT

RC

Type	MD (mm)	LL (mm)	Position No.	Height (mm)	Connection	Ref.C
Incisor	4.0	5.0	I1	4	Octa	AROHIR40504T
				5		AROHIR40505T
				7		AROHIR40507T
	4.5	4.5	I2	4		AROHIR45454T
				5		AROHIR45455T
				7		AROHIR45457T
	6.0	5.0	I3	4		AROHIR60504T
				5		AROHIR60505T
				7		AROHIR60507T
	7.0	6.0	I4	4		AROHIR70604T
				5		AROHIR70605T
				7		AROHIR70607T
	4.0	5.0	I1	4	Non-Octa	AROHIR40504NT
				5		AROHIR40505NT
				7		AROHIR40507NT
	4.5	4.5	I2	4		AROHIR45454NT
				5		AROHIR45455NT
				7		AROHIR45457NT
	6.0	5.0	I3	4		AROHIR60504NT
				5		AROHIR60505NT
				7		AROHIR60507NT
	7.0	6.0	I4	4		AROHIR70604NT
				5		AROHIR70605NT
				7		AROHIR70607NT

NC

Type	MD (mm)	LB (mm)	Position No.	Height (mm)	Connection	Ref.C
Canine	5.0	6.5	C1	4	Octa	AROHCN50654T
				5		AROHCN50655T
				7		AROHCN50657T
	5.0	6.5	C1	4	Non-Octa	AROHCN50654NT
				5		AROHCN50655NT
				7		AROHCN50657NT

RC

Type	MD (mm)	LB (mm)	Position No.	Height (mm)	Connection	Ref.C
Canine	5.0	6.5	C1	4	Octa	AROHCR50654T
				5		AROHCR50655T
				7		AROHCR50657T
	5.0	6.5	C1	4	Non-Octa	AROHCR50654NT
				5		AROHCR50655NT
				7		AROHCR50657NT

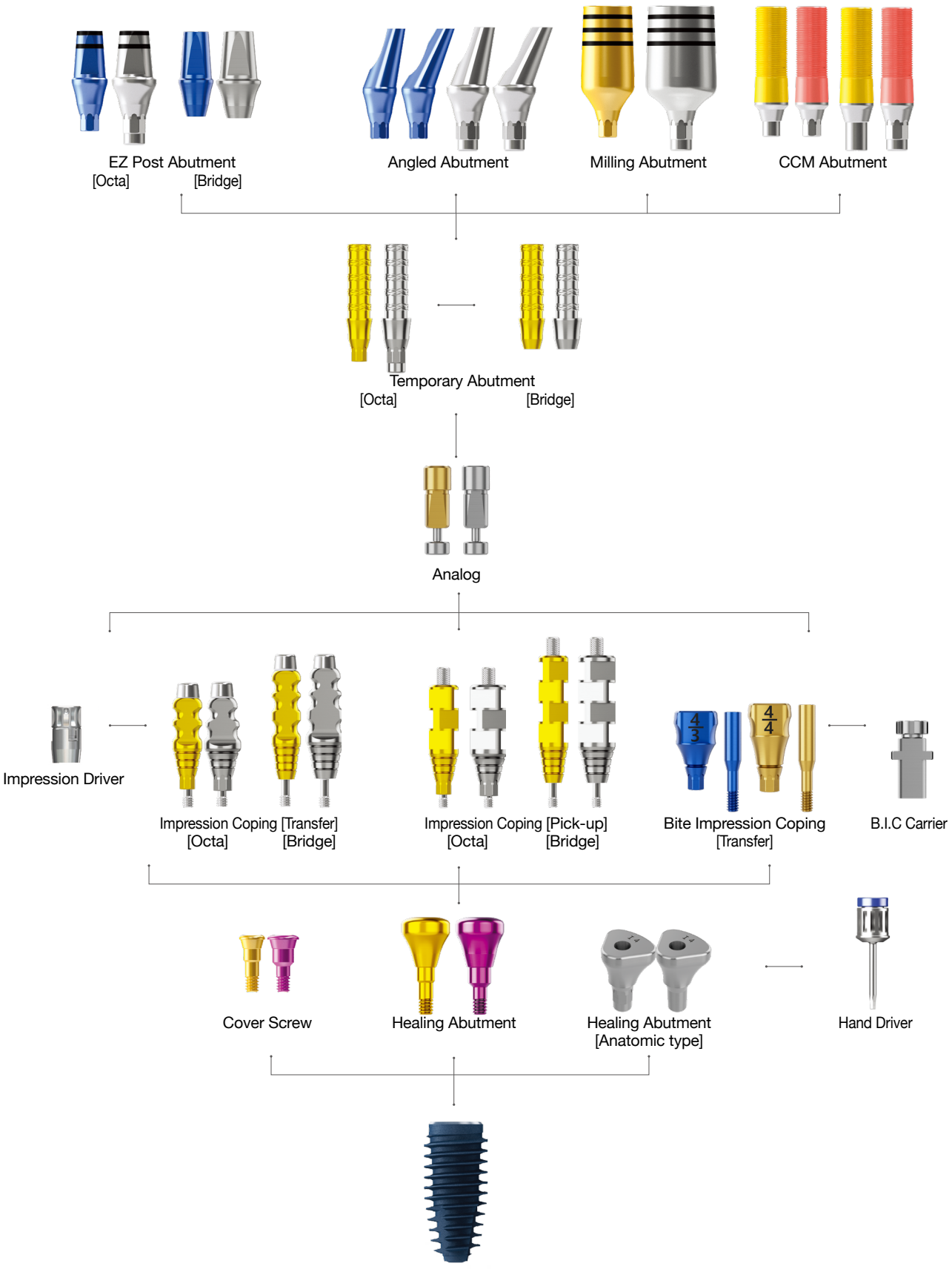
Type	MD (mm)	LB (mm)	Position No.	Height (mm)	Connection	Ref.C
Pre-Molar	4.5	6.0	P1	4	Octa	AROHMR45604T
				5		AROHMR45605T
				7		AROHMR45607T
	5.0	7.0	P2	4		AROHMR50704T
				5		AROHMR50705T
				7		AROHMR50707T
	4.5	6.0	P1	4	Non-Octa	AROHMR45604NT
				5		AROHMR45605NT
				7		AROHMR45607NT
	5.0	7.0	P2	4		AROHMR50704NT
				5		AROHMR50705NT
				7		AROHMR50707NT

Type	MD (mm)	LB (mm)	Position No.	Height (mm)	Connection	Ref.C
Molar	6.0	7.0	M1	4	Octa	AROHMR60704T
				5		AROHMR60705T
				7		AROHMR60707T
	6.0	8.0	M2	4		AROHMR60804T
				5		AROHMR60805T
				7		AROHMR60807T
	6.0	9.0	M3	4		AROHMR60904T
				5		AROHMR60905T
				7		AROHMR60907T
	7.0	8.0	M4	4		AROHMR70804T
				5		AROHMR70805T
				7		AROHMR70807T
	7.0	9.0	M5	4		AROHMR70904T
				5		AROHMR70905T
				7		AROHMR70907T
	7.0	10.0	M6	4		AROHMR70104T
				5		AROHMR70105T
				7		AROHMR70107T
	8.0	9.0	M7	4		AROHMR80904T
				5		AROHMR80905T
				7		AROHMR80907T
	8.0	10.0	M8	4		AROHMR80104T
				5		AROHMR80105T
				7		AROHMR80107T
	6.0	7.0	M1	4	Non-Octa	AROHMR60704NT
				5		AROHMR60705NT
				7		AROHMR60707NT
	6.0	8.0	M2	4		AROHMR60804NT
				5		AROHMR60805NT
				7		AROHMR60807NT
	6.0	9.0	M3	4		AROHMR60904NT
				5		AROHMR60905NT
				7		AROHMR60907NT
	7.0	8.0	M4	4		AROHMR70804NT
				5		AROHMR70805NT
				7		AROHMR70807NT
	7.0	9.0	M5	4		AROHMR70904NT
				5		AROHMR70905NT
				7		AROHMR70907NT
	7.0	10.0	M6	4		AROHMR70104NT
				5		AROHMR70105NT
				7		AROHMR70107NT
	8.0	9.0	M7	4		AROHMR80904NT
				5		AROHMR80905NT
				7		AROHMR80907NT
	8.0	10.0	M8	4		AROHMR80104NT
				5		AROHMR80105NT
				7		AROHMR80107NT

Type	MD (mm)	LB (mm)	Position No.	Height (mm)	Connection	Ref.C
Special	4.5	6.0	S1	4	Octa	AROHSR45604T
				5		AROHSR45605T
				7		AROHSR45607T
	5.0	6.5	S2	4		AROHSR50654T
				5		AROHSR50655T
				7		AROHSR50657T
	5.0	7.0	S3	4		AROHSR50704T
				5		AROHSR50705T
				7		AROHSR50707T
	6.0	7.0	S4	4		AROHSR60704T
				5		AROHSR60705T
				7		AROHSR60707T
	6.0	8.0	S5	4		AROHSR60804T
				5		AROHSR60805T
				7		AROHSR60807T
	6.0	9.0	S6	4		AROHSR60904T
				5		AROHSR60905T
				7		AROHSR60907T
	7.0	8.0	S7	4		AROHSR70804T
				5		AROHSR70805T
				7		AROHSR70807T
	7.0	9.0	S8	4		AROHSR70904T
				5		AROHSR70905T
				7		AROHSR70907T
	7.0	10.0	S9	4		AROHSR70104T
				5		AROHSR70105T
				7		AROHSR70107T
	8.0	9.0	S10	4		AROHSR80904T
				5		AROHSR80905T
				7		AROHSR80907T
	8.0	10.0	S11	4		AROHSR80104T
				5		AROHSR80105T
				7		AROHSR80107T
	4.5	6.0	S1	4	Non-Octa	AROHSR45604NT
				5		AROHSR45605NT
				7		AROHSR45607NT
	5.0	6.5	S2	4		AROHSR50654NT
				5		AROHSR50655NT
				7		AROHSR50657NT
	5.0	7.0	S3	4		AROHSR50704NT
				5		AROHSR50705NT
				7		AROHSR50707NT
	6.0	7.0	S4	4		AROHSR60704NT
				5		AROHSR60705NT
				7		AROHSR60707NT
	6.0	8.0	S5	4		AROHSR60804NT
				5		AROHSR60805NT
				7		AROHSR60807NT
	6.0	9.0	S6	4		AROHSR60904NT
				5		AROHSR60905NT
				7		AROHSR60907NT
	7.0	8.0	S7	4		AROHSR70804NT
				5		AROHSR70805NT
				7		AROHSR70807NT
	7.0	9.0	S8	4		AROHSR70904NT
				5		AROHSR70905NT
				7		AROHSR70907NT
	7.0	10.0	S9	4		AROHSR70104NT
				5		AROHSR70105NT
				7		AROHSR70107NT
	8.0	9.0	S10	4		AROHSR80904NT
				5		AROHSR80905NT
				7		AROHSR80907NT
	8.0	10.0	S11	4		AROHSR80104NT
				5		AROHSR80105NT
				7		AROHSR80107NT

Abutment & Prosthetic Options

I. Fixture Level Prosthesis



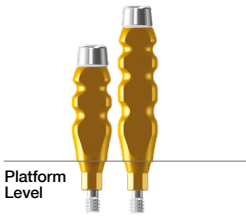
Impression Copings & Temporary Abutment_Platform Type

Impression Coping

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

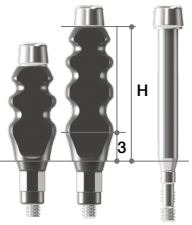
- Guide pin (AROGPT12/ 16) included

- For use with Closed-tray technique
- Design ensures easy & accurate transfer of fixture position
- Flat surface of impression coping aligns with flat Octa surface within fixture
- Use Transfer Driver & Hand Driver (1.2Hex) to ensure impression coping is properly tightened



NC

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



RC

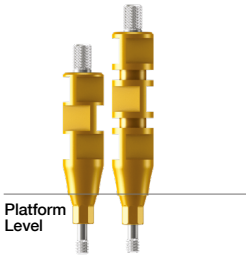
Profile Diameter	Height (mm)	Ref.C
Ø5.0	12	AROICTR5012T
	16	AROICTR5016T

Impression Coping

(2-piece, pick-up type
for Open-tray technique)

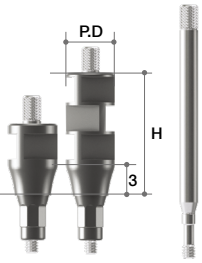
- Guide pin (AROGPP10/ 15/ 20) included

- For use with 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

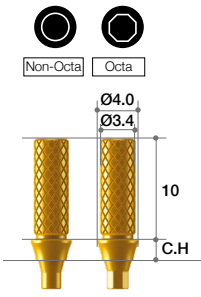
Profile Diameter	Height (mm)	Ref.C
Ø5.0	7	AROICPR5007T
	12	AROICPR5012T

Temporary Abutment

(Titanium)

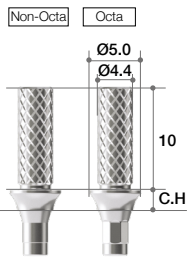
- Abutment screw (AROAS16B/ AROAS16) included

- For use when making provisional restoration
- Octa & Non-Octa options
- Grooved surface on abutment post allows better retention of resin or wax
- Recommended torque: 25Ncm



NC

Profile Diameter	C.H (mm)	Type	Ref.C
Ø3.0	2	Octa	AROTANO3210T
		Non-Octa	AROTANN3210T
	3	Octa	AROTANO3310T
		Non-Octa	AROTANN3310T
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

➲ Impression Coping & Analog_Internal Type (Continued)

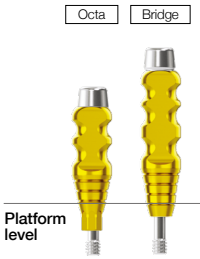
Impression Coping

(2-piece, Transfer Type)
(for Closed-tray Technique)

- Guide pin (AROGPT12/ 16) included

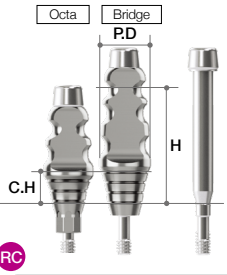
- For use with Closed-tray technique
- Flat surface of impression coping aligns with flat Octa surface within fixture
- Use Transfer Driver & Hand Driver (1.2Hex) to ensure impression coping is properly tightened
- Octa & Bridge options
- Gingival height can be inferred through groove (1mm gap)
- Guide Pin will not be fastened if it's incorrectly fastened

※Octa : Coming Soon
※Bridge : Availability may vary by country



NC

Profile Diameter	Cuff Height (mm)	Height (mm)	Type	Ref.C
Ø4.0	3	12	Octa	BDICTN4012T
	4	16		BDICTN4016T
Ø5.0	3	12		BDICTN5012T
	4	16		BDICTN5016T
Ø4.0	3	12	Bridge	BDICTNB4012T
	4	16		BDICTNB4016T
Ø5.0	3	12		BDICTNB5012T
	4	16		BDICTNB5016T



RC

Profile Diameter	Cuff Height (mm)	Height (mm)	Type	Ref.C
Ø4.0	3	12	Octa	BDICTR4012T
	4	16		BDICTR4016T
Ø5.0	3	12		BDICTR5012T
	4	16		BDICTR5016T
Ø6.0	3	12		BDICTR6012T
	4	16		BDICTR6016T
Ø7.0	3	12		BDICTR7012T
	4	16		BDICTR7016T
Ø4.0	3	12	Bridge	BDICTRB4012T
	4	16		BDICTRB4016T
Ø5.0	3	12		BDICTRB5012T
	4	16		BDICTRB5016T
Ø6.0	3	12		BDICTRB6012T
	4	16		BDICTRB6016T
Ø7.0	3	12		BDICTRB7012T
	4	16		BDICTRB7016T

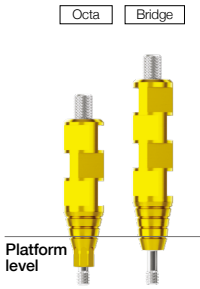
Impression Coping

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

- Guide pin (AROGPP10/ 15/ 20) included

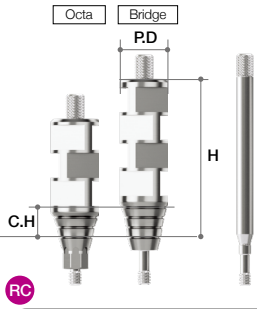
- For use with Open-tray technique
- Most beneficial for multiple fixtures that will be splinted together
- Tray angle body design ensures stability within impression & accurate transfer of fixture position
- Extra-long guide pin can be purchased separately (AROGPP25)
- Octa & Bridge options
- Gingival height can be inferred through groove (1mm gap)
- Guide Pin will not be fastened if it's incorrectly fastened

※Octa : Coming Soon
※Bridge : Availability may vary by country



NC

Profile Diameter	Cuff Height (mm)	Height (mm)	Type	Ref.C
Ø4.0	3	7	Octa	BDICPN4007T
	3	12		BDICPN4012T
	4	16		BDICPN4016T
Ø5.0	3	7		BDICPN5007T
	3	12		BDICPN5012T
	4	16		BDICPN5016T
Ø4.0	3	7	Bridge	BDICPNB4007T
	3	12		BDICPNB4012T
	4	16		BDICPNB4016T
Ø5.0	3	7		BDICPNB5007T
	3	12		BDICPNB5012T
	4	16		BDICPNB5016T



RC

Profile Diameter	Cuff Height (mm)	Height (mm)	Type	Ref.C
Ø4.0	3	7	Octa	BDICPR4007T
	3	12		BDICPR4012T
	4	16		BDICPR4016T
Ø5.0	3	7		BDICPR5007T
	3	12		BDICPR5012T
	4	16		BDICPR5016T
Ø6.0	3	7		BDICPR6007T
	3	12		BDICPR6012T
	4	16		BDICPR6016T
Ø7.0	3	7		BDICPR7007T
	3	12		BDICPR7012T
	4	16		BDICPR7016T
Ø4.0	3	7	Bridge	BDICPRB4007T
	3	12		BDICPRB4012T
	4	16		BDICPRB4016T
Ø5.0	3	7		BDICPRB5007T
	3	12		BDICPRB5012T
	4	16		BDICPRB5016T
Ø6.0	3	7		BDICPRB6007T
	3	12		BDICPRB6012T
	4	16		BDICPRB6016T
Ø7.0	3	7		BDICPRB7007T
	3	12		BDICPRB7012T
	4	16		BDICPRB7016T

➲ Impression Coping & Analog

Bite Impression Coping

- Guide pin (BIGP1624/1634/1644/1654/1646/1656/1666) included

- Bite Tray can be used to solve the opposing teeth and impressions at once
- By giving a groove for final tightening, it's possible to check the connection by X-ray
- Screw will not be tightened if the coping and the fixture are not properly connected
- Exclusive B.I.C Carrier is used to tight the Impression Coping conveniently
- Different color according to Cuff Size

※Availability may vary by country

NC

Profile Diameter	Cuff Height (mm)	Post Height (mm)	Ref.C
Ø5.5	2	4	BDBIN5524T
	3		BDBIN5534T
	4		BDBIN5544T
	4	6	BDBIN5546T
	6		BDBIN5566T

RC

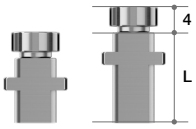
Profile Diameter	Cuff Height (mm)	Post Height (mm)	Ref.C
Ø5.5	2	4	BDBIR5524T
	3		BDBIR5534T
	4		BDBIR5544T
	5		BDBIR5554T
	4	6	BDBIR5546T
	5		BDBIR5556T
	6		BDBIR5566T

B.I.C Carrier

- Bite Impression Coping can be transferred and fastened at once

※Availability may vary by country

Length (mm)	Ref.C
10	BICC10
14	BICC14



Analog

- Analog Screw(ALS18) included.

- For Chairside/ Labside
- Surpporting Dental CAD
  - 3Shape
  - exocad
- 2 piece type

NC

Profile Diameter	Ref.C
Ø4.0	BDIALNT

RC

Profile Diameter	Ref.C
Ø4.0	BDIALRT

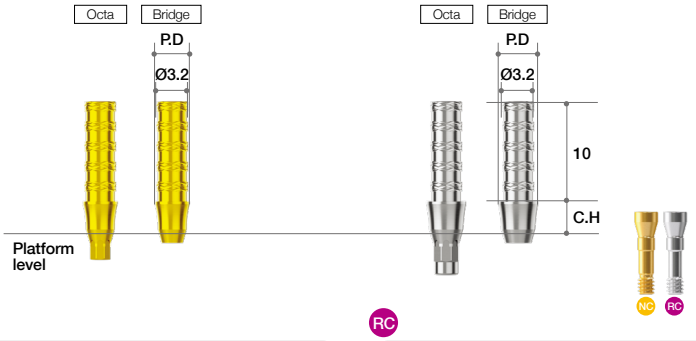
Temporary Abutment

Temporary Abutment

- Abutment screw (AROAS16B/ AROAS16) included

- For use when making provisional restoration
- Octa & Bridge options
- Grooved surface on abutment post allows better retention of resin or wax
- Recommended torque: 25Ncm

※Octa : Coming Soon
※Bridge : Availability may vary by country



NC

Profile Diameter	Cuff Height (mm)	Type	Ref.C
Ø3.5	2	Octa	AROTANO35210T
	3		AROTANO35310T
	4		AROTANO35410T
	5		AROTANO35510T
Ø4.0	2		AROTANO40210T
	3		AROTANO40310T
	4		AROTANO40410T
	5		AROTANO40510T
Ø4.5	2		AROTANO45210T
	3		AROTANO45310T
	4		AROTANO45410T
	5		AROTANO45510T
Ø3.5	2	Bridge	BDTANB35210T
	3		BDTANB35310T
	4		BDTANB35410T
	5		BDTANB35510T
Ø4.0	2		BDTANB40210T
	3		BDTANB40310T
	4		BDTANB40410T
	5		BDTANB40510T
Ø4.5	2		BDTANB45210T
	3		BDTANB45310T
	4		BDTANB45410T
	5		BDTANB45510T

RC

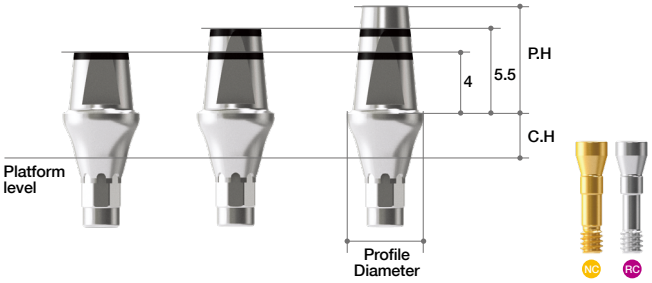
Profile Diameter	Cuff Height (mm)	Type	Ref.C
Ø4.0	2	Octa	AROTARO40210T
	3		AROTARO40310T
	4		AROTARO40410T
	5		AROTARO40510T
Ø4.5	2		AROTARO45210T
	3		AROTARO45310T
	4		AROTARO45410T
	5		AROTARO45510T
Ø4.0	2	Bridge	BDTARB40210T
	3		BDTARB40310T
	4		BDTARB40410T
	5		BDTARB40510T
Ø4.5	2		BDTARB45210T
	3		BDTARB45310T
	4		BDTARB45410T
	5		BDTARB45510T

Abutment Options (Continued)

EZ Post Abutment

- Abutment screw (AROAS16B/ AROAS16) included

- For use with cement-retained restoration
- Post Heights: 4.0/ 5.5/ 7mm
- Profile Diameters: Ø4/ Ø5/ Ø6/ Ø7
- Cuff Heights: 1/ 2/ 3/ 4/ 5mm
- Biological S-line provides seamless natural-looking & more functional emergence profile
- Laser markings at 4 & 5.5mm from platform level
- Color-coded for different profile diameters
- Recommended torque: 35Ncm
- Abutment Screw Head Long Type (AROAS16BL/ AROAS16L) can be purchased separately (Availability may vary by country)



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)

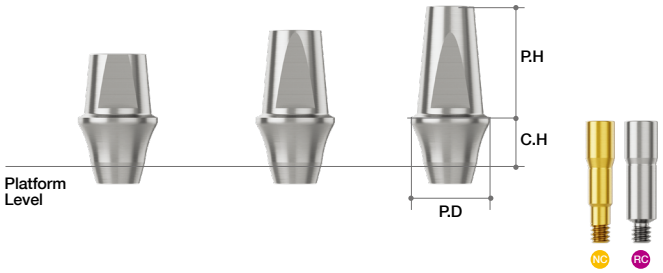
EZ Post Abutment

(Bridge)

- Abutment screw(BDEPBAS16B/ BDEPBAS16) included

- For use with cement-retained restoration
- Post Heights: 4.0/ 5.5/ 7mm
- Profile Diameters: Ø4/ Ø5/ Ø6/ Ø7
- Cuff Heights: 1/ 2/ 3/ 4/ 5mm
- Biological S-line provides seamless natural-look- ing & more functional emergence profile
- Color-coded for different profile diameters
- Recommended torque: 35Ncm

※ Availability may vary by country



NC

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref.C
Ø4.0	1	4.0	BDEPNB4014T
	2		BDEPNB4024T
	3		BDEPNB4034T
	4		BDEPNB4044T
	5		BDEPNB4054T
	1	5.5	BDEPNB4015T
	2		BDEPNB4025T
	3		BDEPNB4035T
	4		BDEPNB4045T
	5		BDEPNB4055T
	1	7.0	BDEPNB4017T
	2		BDEPNB4027T
	3		BDEPNB4037T
	4		BDEPNB4047T
	5		BDEPNB4057T

NC

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref.C
Ø5.0	1	4.0	BDEPNB5014T
	2		BDEPNB5024T
	3		BDEPNB5034T
	4		BDEPNB5044T
	5		BDEPNB5054T
	1	5.5	BDEPNB5015T
	2		BDEPNB5025T
	3		BDEPNB5035T
	4		BDEPNB5045T
	5		BDEPNB5055T
	1	7.0	BDEPNB5017T
	2		BDEPNB5027T
	3		BDEPNB5037T
	4		BDEPNB5047T
	5		BDEPNB5057T

RC

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref.C
Ø5.0	1	4.0	BDEPRB5014T
	2		BDEPRB5024T
	3		BDEPRB5034T
	4		BDEPRB5044T
	5		BDEPRB5054T
	1	5.5	BDEPRB5015T
	2		BDEPRB5025T
	3		BDEPRB5035T
	4		BDEPRB5045T
	5		BDEPRB5055T
	1	7.0	BDEPRB5017T
	2		BDEPRB5027T
	3		BDEPRB5037T
	4		BDEPRB5047T
	5		BDEPRB5057T

RC

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref.C
Ø6.0	1	4.0	BDEPRB6014T
	2		BDEPRB6024T
	3		BDEPRB6034T
	4		BDEPRB6044T
	5		BDEPRB6054T
	1	5.5	BDEPRB6015T
	2		BDEPRB6025T
	3		BDEPRB6035T
	4		BDEPRB6045T
	5		BDEPRB6055T
	1	7.0	BDEPRB6017T
	2		BDEPRB6027T
	3		BDEPRB6037T
	4		BDEPRB6047T
	5		BDEPRB6057T

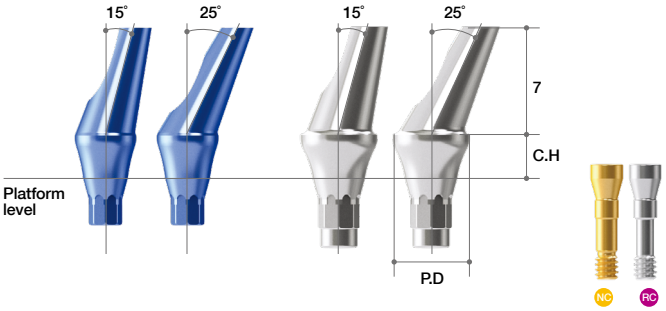
RC

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref.C
Ø7.0	1	4.0	BDEPRB7014T
	2		BDEPRB7024T
	3		BDEPRB7034T
	4		BDEPRB7044T
	5		BDEPRB7054T
	1	5.5	BDEPRB7015T
	2		BDEPRB7025T
	3		BDEPRB7035T
	4		BDEPRB7045T
	5		BDEPRB7055T
	1	7.0	BDEPRB7017T
	2		BDEPRB7027T
	3		BDEPRB7037T
	4		BDEPRB7047T
	5		BDEPRB7057T

Angled Abutment

- Abutment screw (AROAS16B/ AROAS16) included

- Angulations:15°, 25°
- Profile diameters: Ø4.0, 5.0, 6.0, 7.0
- Cuff heights: 1, 2, 3, 4, 5mm
- 16 directions covered: 8 to surface(Octa), 8 to Octa edge
- Color-coded by diameter for better identification
- Minimized screw head length & 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

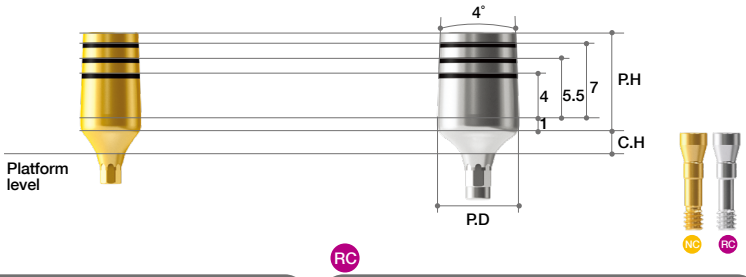
RC

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

Milling Abutment

- Abutment screw (AROAS16B/ AROAS16) included

- Long post enables easier customization for 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

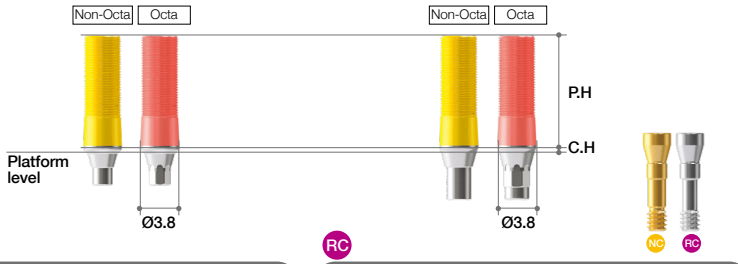
RC

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

CCM Abutment

- Abutment screw (AROAS16B/ AROAS16) included

- For use with difficult customized abutment
- 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
- CCM melting temperature: 1300~1400°C
- Recommended torque: 35Ncm



NC

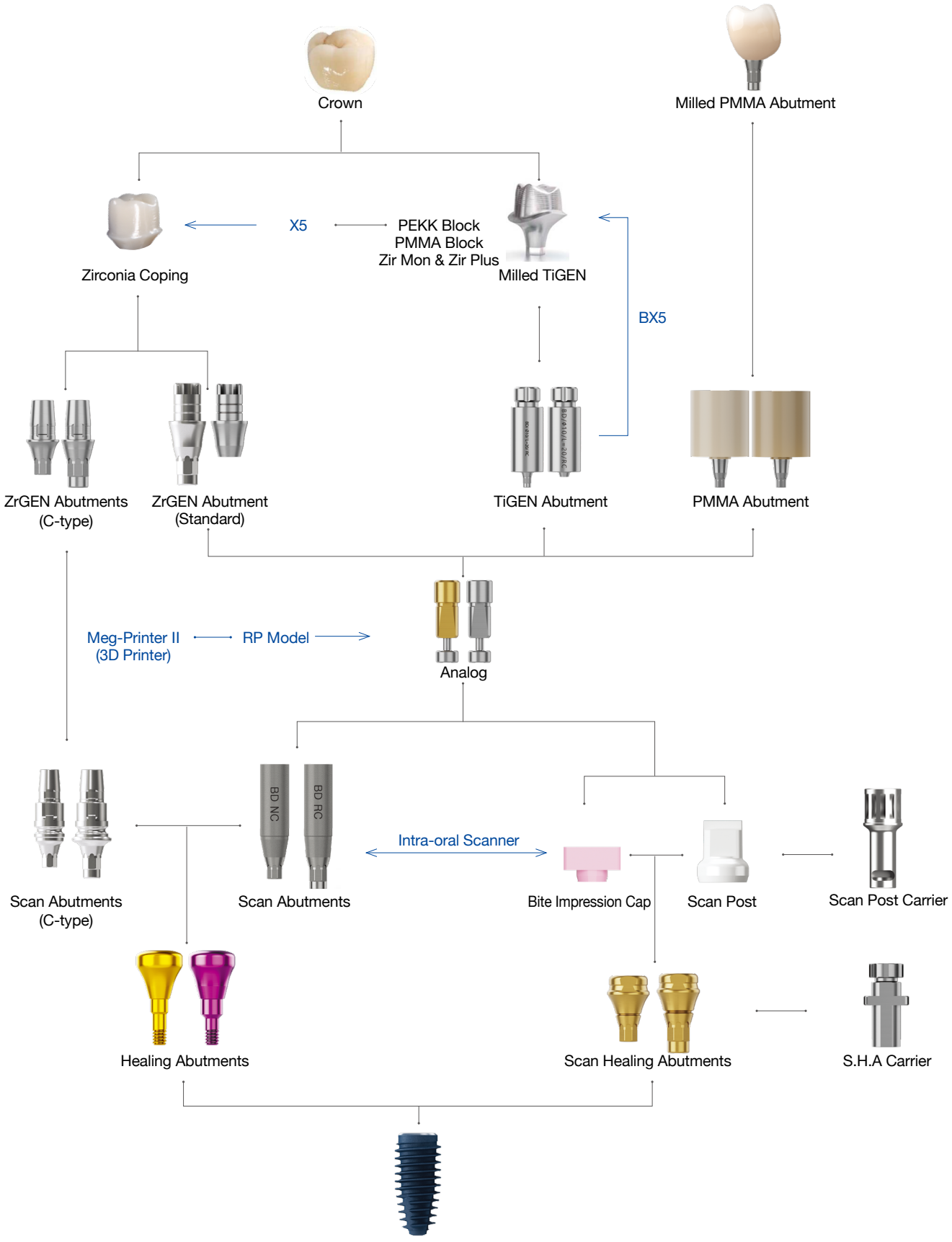
Profile Diameter	Cuff Height (mm)	Post Height (mm)	Type	Ref.C
Ø3.8	1	11	Octa	AROCCMNO4111T
			Non-Octa	AROCCMNN4111T

RC

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

I. Fixture Level Prosthesis

1. Fixture Level Prosthesis_Digital



▸▸ Digital Material

I. ZrGEN®

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

Variety of ZrGEN®

ZrGEN® Sub Structure

ZrGEN®

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

II. TiGEN®

TiGEN® is the brand name of MegaGen's Pre-milled Abutment.
It promises outstanding durability and simplified dental implant prosthesis. Ready-made connection part provides a strong and precise connection with the implant fixture.

Clinical Application

Product coordinator : Joo Hwan Sung, r2.dev6@imegagen.com

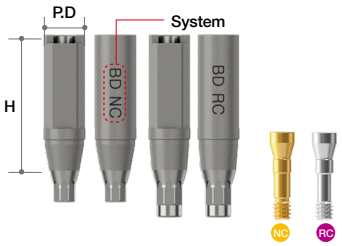
Scan Abutment options (Continued)

Scan Abutments

- Abutment Screw included.
  ✓ BLUEDIAMOND NC (SAAROAS16B)
  ✓ BLUEDIAMOND RC (SAAROAS16)

- For Chairside/ Labside
- Spare abutment screw included
- Surpporting Dental CAD
  - 3Shape / Exocad / Dental Wings
- Recommend torque : By Hand (5~8Ncm)

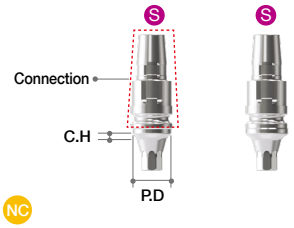
System	Profile Diameter	Height (mm)	Ref.C
NC	Ø4.0	13	AROSANT
RC			AROSART



Scan Abutments
(C-type)

- Abutment Screw included.
  ✓ BLUEDIAMOND NC (SAAROAS16B)
  ✓ BLUEDIAMOND RC (SAAROAS16)

- ScanPost for CEREC users.
- It is used when the exposure of the post part of ZrGEN Abutment (C-type) is small or when scanning is not easy due to the environment such as interference of surrounding teeth.
- Fasten by using Sirona Scanbody.
- CEREC inLab CAD Software, compatible with Xive Library.
- Recommend torque : By Hand (5~8Ncm)



Profile Diameter	Cuff Height (mm)	Connection	Ref.C
Ø3.9	0.5	S	AROCSS3405NT
	1.0		AROCSS3410NT
	2.0		AROCSS3420NT
Ø4.3	0.5		AROCSS3805NT
	1.0		AROCSS3810NT
	2.0		AROCSS3820NT

Profile Diameter	Cuff Height (mm)	Connection	Ref.C
Ø3.9	0.5	S	AROCSS3405RT
	1.0		AROCSS3410RT
	2.0		AROCSS3420RT
Ø4.3	0.5		AROCSS3805RT
	1.0		AROCSS3810RT
	2.0		AROCSS3820RT
Ø5.5	0.5	L	AROCSL4505RT
	1.0		AROCSL4510RT
	2.0		AROCSL4520RT

Scan Healing Abutments

- Abutment Screw included.
  ✓ BLUEDIAMOND NC/ RC (AROHS1604/ AROHS1605/ AROHS1607/ AROHS1609)

- Scannable Healing Abutment.
- For accurate scanning, Scan Healing Abutment must be exposed at least 2.0mm from surgical site.
- Profile Diameter can be checked by the number of Groove.
  - Profile Diameter : Ø4 → Groove : 0ea
  - Profile Diameter : Ø5 → Groove : 1ea
  - Profile Diameter : Ø6 → Groove : 2ea
  - Profile Diameter : Ø7 → Groove : 3ea
- Height can be checked by the number of Notch.
  - Height : 4mm → Notch : 0ea
  - Height : 5mm → Notch : 1ea
  - Height : 7mm → Notch : 2ea
  - Height : 9mm → Notch : 3ea
- Recommend torque : By Hand (5~8Ncm)

※ Height 9mm Coming Soon

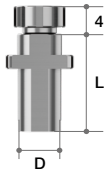
Profile Diameter	Height (mm)	Ref.C
Ø4.0	4	AROISHN4004T
	5	AROISHN4005T
	7	AROISHN4007T
	9	AROISHN4009T
Ø5.0	4	AROISHN5004T
	5	AROISHN5005T
	7	AROISHN5007T
	9	AROISHN5009T

Profile Diameter	Height (mm)	Ref.C
Ø4.0	4	AROISHR4004T
	5	AROISHR4005T
	7	AROISHR4007T
	9	AROISHR4009T
Ø5.0	4	AROISHR5004T
	5	AROISHR5005T
	7	AROISHR5007T
	9	AROISHR5009T
Ø6.0	4	AROISHR6004T
	5	AROISHR6005T
	7	AROISHR6007T
	9	AROISHR6009T
Ø7.0	4	AROISHR7004T
	5	AROISHR7005T
	7	AROISHR7007T
	9	AROISHR7009T

S.H.A Carrier
(Coming Soon)

- It is used by fastening it to the head of the scan healing abutment.
- It is used when transporting the S.H.A Carrier to the fixture after fastening it to the Scan Healing Abutment.

Diameter	Length (mm)	Ref.C
Ø4.0	10	SHC4010
	14	SHC4014
Ø5.0	10	SHC5010
	14	SHC5014
Ø6.0	10	SHC6010
	14	SHC6014
Ø7.0	10	SHC7010
	14	SHC7014

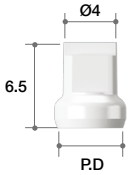


Scan Abutment & Analog options

Scan Post

- 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.
- 1 set consists of 10 Scan Posts.

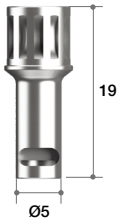
Profile Diameter	Height (mm)	Ref.C
Ø4.0	6.5	SP4007.MTN
Ø5.0		SP5007.MTN
Ø6.0		SP6007.MTN
Ø7.0		SP7007.MTN



Scan Post Carrier

- It is used by fastening it to the head of the scan post.
- It is used when transporting the scan post to the fixture after fastening it to the scan healing abutment.

Profile Diameter	Height(mm)	Ref.C
Ø5.0	19	SPC16

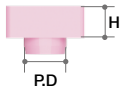


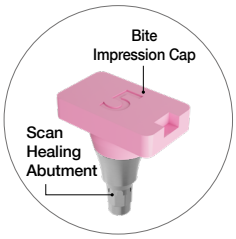
Bite Impression Cap

- If the Scan Healing Abutment is not exposed to more than 2.0mm at the surgical site or is not easy to scan due to environment such as interference of the surrounding values, the Bite Impression Cap is fastened to obtain the Scan, Impression, or Bite.
- Bite Impression Cap is selected according to the Profile Diameter of the Scan Healing Abutment.
- The Bite Impression Cap is for one-time use and includes 5 in 1 set.

※ Availability may vary by country

Profile Diameter	Height (mm)	Ref.C
Ø4.0	2	BIC4002P
	4	BIC4004P
	6	BIC4006P
Ø5.0	2	BIC5002P
	4	BIC5004P
	6	BIC5006P
Ø6.0	2	BIC6002P
	4	BIC6004P
	6	BIC6006P
Ø7.0	2	BIC7002P
	4	BIC7004P
	6	BIC7006P





Analog

- Analog Screw(ALS18) included.

- For Chairside/ Labside
- Surpporting Dental CAD
  - 3Shape
  - exocad
- 2 piece type

NC

Profile Diameter	Ref.C
Ø4.0	BDIALNT

RC

Profile Diameter	Ref.C
Ø4.0	BDIALRT

➲ PMMA Abutment option

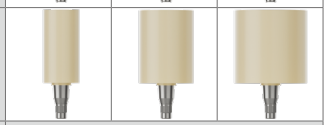
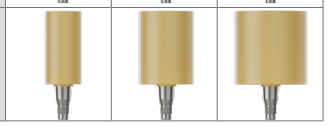
PMMA Abutment

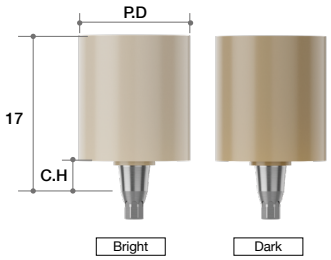
(Coming Soon)

- Abutment Screw included.
  - ✓ BLUEDIAMOND NC (AROAS16B)
  - ✓ BLUEDIAMOND RC (AROAS16)

- Pre-milled Abutment
  - Pre-milled part : Implant Connection + Cuff (0.6/ 1.5/ 3.0mm)
- Supporting Dental CAD
  - 3Shape
  - exocad
- Supporting Milling Machine
  - MegaGen Implant : BX5
  - ARUM DENTISTRY
- Recommend torque : 25Ncm
- FDA : Approved in 2024
- CE : Approved in 2024

[PMMA Abutment Line-Up]

	Bright		
	D8	D12	D16
C0.6			
C1.5			
C3.0			
	Dark		
C0.6			
C1.5			
C3.0			



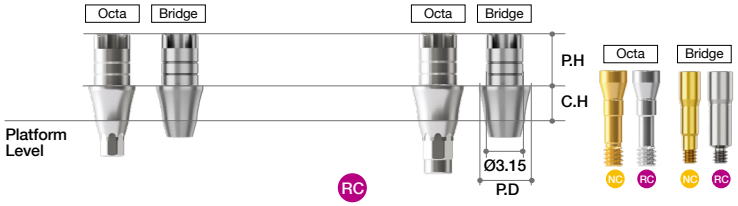
System	Color	Profile Diameter	Cuff Height (mm)	Length (mm)	Type	Ref.C
NC	Bright	Ø8	0.6	17	Octa	BDPAN0608BT
			1.5			BDPAN1508BT
			3.0			BDPAN3008BT
		Ø12	0.6			BDPAN0612BT
			1.5			BDPAN1512BT
			3.0			BDPAN3012BT
		Ø16	0.6			BDPAN0616BT
			1.5			BDPAN1516BT
			3.0			BDPAN3016BT
	Dark	Ø8	0.6			BDPAN0608DT
			1.5			BDPAN1508DT
			3.0			BDPAN3008DT
		Ø12	0.6			BDPAN0612DT
			1.5			BDPAN1512DT
			3.0			BDPAN3012DT
		Ø16	0.6			BDPAN0616DT
			1.5			BDPAN1516DT
			3.0			BDPAN3016DT
RC	Bright	Ø8	0.6		Octa	BDPAR0608BT
			1.5			BDPAR1508BT
			3.0			BDPAR3008BT
		Ø12	0.6			BDPAR0612BT
			1.5			BDPAR1512BT
			3.0			BDPAR3012BT
		Ø16	0.6			BDPAR0616BT
			1.5			BDPAR1516BT
			3.0			BDPAR3016BT
	Dark	Ø8	0.6			BDPAR0608DT
			1.5			BDPAR1508DT
			3.0			BDPAR3008DT
		Ø12	0.6			BDPAR0612DT
			1.5			BDPAR1512DT
			3.0			BDPAR3012DT
		Ø16	0.6			BDPAR0616DT
			1.5			BDPAR1516DT
			3.0			BDPAR3016DT

ZrGEN Abutment options

ZrGEN Abutments

- Abutment Screw included.
  - ✓ BLUEDIAMOND NC Octa (AROAS16B)
  - ✓ BLUEDIAMOND NC Bridge (BDEPBAS16B)
  - ✓ BLUEDIAMOND RC Octa (AROAS16)
  - ✓ BLUEDIAMOND RC Bridge (BDEPBAS16)
- Titanium Base
- 1 set consists of 10 Abutments.
  - included spare Abutment Screw
- Supporting Dental CAD
  - 3Shape
  - Exocad
  - Dental Wing
- Post Height can be checked by the number of Groove.
  - Post Height : 4.5mm → Groove : 2ea
  - Post Height : 6mm → Groove : 4ea
  - Post Height : 8mm → Groove : 6ea
- Recommend torque : 35Ncm

※ Bridge : Availability may vary by country



NC

Profile Diameter	Cuff Height (mm)	Post Height(mm)	Type	Ref.C
Ø4.0	0.6	4.5	Octa	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
	0.6	4.5	Bridge	BDZGNB4015.MTN
	1.5			BDZGNB4025.MTN
	3.0			BDZGNB4035.MTN
	4.0			BDZGNB4045.MTN
	0.6	6.0		BDZGNB4016.MTN
	1.5			BDZGNB4026.MTN
	3.0			BDZGNB4036.MTN
	4.0			BDZGNB4046.MTN
	0.6	8.0		BDZGNB4018.MTN
	1.5			BDZGNB4028.MTN
	3.0			BDZGNB4038.MTN
	4.0			BDZGNB4048.MTN

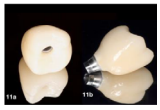
RC

Profile Diameter	Cuff Height (mm)	Post Height(mm)	Type	Ref.C
Ø4.5	0.6	4.5	Octa	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
	0.6	4.5	Bridge	BDZGRB4515.MTN
	1.5			BDZGRB4525.MTN
	3.0			BDZGRB4535.MTN
	4.0			BDZGRB4545.MTN
	0.6	6.0		BDZGRB4516.MTN
	1.5			BDZGRB4526.MTN
	3.0			BDZGRB4536.MTN
	4.0			BDZGRB4546.MTN
	0.6	8.0		BDZGRB4518.MTN
	1.5			BDZGRB4528.MTN
	3.0			BDZGRB4538.MTN
	4.0			BDZGRB4548.MTN

ZrGEN Abutments

(C-type)

- Abutment Screw included.
  - ✓ BLUEDIAMOND NC (AROAS16B)
  - ✓ BLUEDIAMOND RC (AROAS16)
- Titanium base for CEREC users.
- CEREC inLab CAD Software, compatible with Xive Library.
- 1 set consists of 10 Abutments.
  - included spare Abutment Screw.
- Recommend torque : 35Ncm



NC

Diameter	Cuff Height	Post Height	Connec-tion	Ref.C
Ø3.9	0.5	4.7	S	AROCSN3405.MTN
	1.0			AROCSN3410.MTN
	2.0			AROCSN3420.MTN
Ø4.3	0.5		S	AROCSN3805.MTN
	1.0			AROCSN3810.MTN
	2.0			AROCSN3820.MTN

RC

Diameter	Cuff Height	Post Height	Connec-tion	Ref.C
Ø3.9	0.5	4.7	S	AROCSR3405.MTN
	1.0			AROCSR3410.MTN
	2.0			AROCSR3420.MTN
Ø4.3	0.5		S	AROCSR3805.MTN
	1.0			AROCSR3810.MTN
	2.0			AROCSR3820.MTN
Ø5.5	0.5		L	AROCLR4505.MTN
	1.0			AROCLR4510.MTN
	2.0			AROCLR4520.MTN

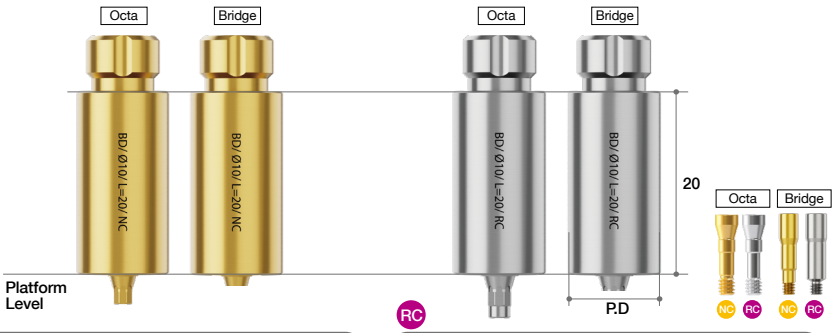
➲ TiGEN Abutment options (Continued)

TiGEN Abutments

(MegaGen type)

- Abutment Screw included.
  - ✓ BLUEDIAMOND NC Octa (AROAS16B)
  - ✓ BLUEDIAMOND NC Bridge (BDEPBAS16B)
  - ✓ BLUEDIAMOND RC Octa (AROAS16)
  - ✓ BLUEDIAMOND RC Bridge (BDEPBAS16)
- Pre-milled Abutment
- 1 set consists of 10 Abutments.
  - included spare Abutment Screw
- Supporting DentalCAD
  - 3Shape / exocad / Dental Wings
- Supporting Milling Machine
  - MegaGen Implant : BX5
  - ARUM DENTISTRY
- Recommend torque : 35Ncm

※ Bridge : Availability may vary by country



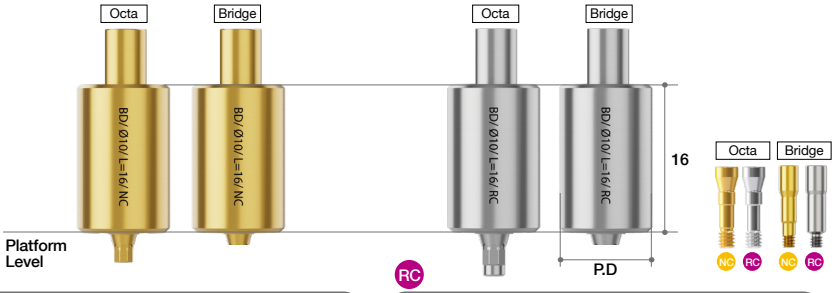
Profile Diameter	Color	Type	Ref.C
Ø10	Gold	Octa	AROTGN1020.MTN
		Bridge	BDTGNB1020.MTN
Ø12		Octa	AROTGN1220.MTN
		Bridge	BDTGNB1220.MTN

Profile Diameter	Color	Type	Ref.C
Ø10	Silver	Octa	AROTGR1020.MTN
		Bridge	BDTGRB1020.MTN
Ø12		Octa	AROTGR1220.MTN
		Bridge	BDTGRB1220.MTN

(NT type)

- Abutment Screw included.
  - ✓ BLUEDIAMOND NC Octa (AROAS16B)
  - ✓ BLUEDIAMOND NC Bridge (BDEPBAS16B)
  - ✓ BLUEDIAMOND RC Octa (AROAS16)
  - ✓ BLUEDIAMOND RC Bridge (BDEPBAS16)
- Pre-milled Abutment
- 1 set consists of 10 Abutments
  - included spare Abutment Screw
- Supporting DentalCAD
  - 3Shape / exocad
- Recommend torque : 35Ncm

※ Bridge : Availability may vary by country



Profile Diameter	Color	Type	Ref.C
Ø10	Gold	Octa	AROTGNN1016.MTN
		Bridge	BDTGNNB1016.MTN
Ø12		Octa	AROTGNN1216.MTN
		Bridge	BDTGNNB1216.MTN

Profile Diameter	Color	Type	Ref.C
Ø10	Silver	Octa	AROTGRN1016.MTN
		Bridge	BDTGRNB1016.MTN
Ø12		Octa	AROTGRN1216.MTN
		Bridge	BDTGRNB1216.MTN

(Medentika type)

- Abutment Screw included.
  - ✓ BLUEDIAMOND NC Octa (AROAS16B)
  - ✓ BLUEDIAMOND NC Bridge (BDEPBAS16B)
  - ✓ BLUEDIAMOND RC Octa (AROAS16)
  - ✓ BLUEDIAMOND RC Bridge (BDEPBAS16)
- Pre-milled Abutment
- 1 set consists of 10 Abutments
  - included spare Abutment Screw
- Supporting DentalCAD
  - 3Shape / exocad
- Recommend torque : 35Ncm

※ Bridge : Availability may vary by country

Profile Diameter	Color	Type	Ref.C
Ø12	Gold	Octa	AROTGNM1214.MTN
		Bridge	BDTGNMB1214.MTN

Profile Diameter	Color	Type	Ref.C
Ø12	Silver	Octa	AROTGRM1214.MTN
		Bridge	BDTGRMB1214.MTN

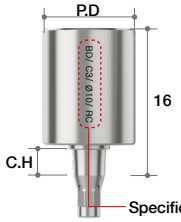
➲ TiGEN Abutment options

(CUFF type)

(Coming Soon)

- Abutment Screw included.
  - ✓ BLUEDIAMOND NC (AROAS16B)
  - ✓ BLUEDIAMOND RC (AROAS16)

- Pre-milled Abutment
  - Pre-milled part : Implant Connection + Cuff (0.6/ 1.5/ 3.0mm)
- 1 set consists of 10 Abutments
  - included spare Abutment Screw
- Used by fastening it to a reverse jig
- Supporting Dental CAD
  - 3Shape / exocad
- Supporting Milling Machine
  - MegaGen Implant : BX5
  - ARUM DENTISTRY
- Recommend torque : 35Ncm



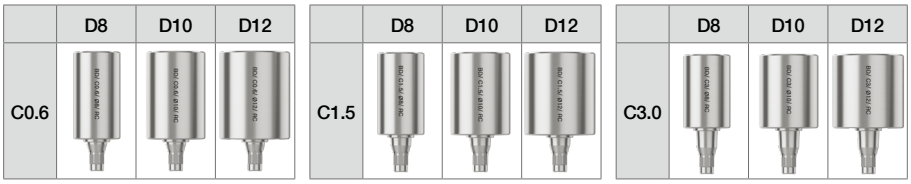
NC

Color	Profile Diameter	Cuff Height (mm)	Type	Ref.C
Gold	Ø8	0.6	Octa	BDTGNR0608.MTN
		1.5		BDTGNR1508.MTN
		3.0		BDTGNR3008.MTN
	Ø10	0.6		BDTGNR0610.MTN
		1.5		BDTGNR1510.MTN
		3.0		BDTGNR3010.MTN
	Ø12	0.6		BDTGNR0612.MTN
		1.5		BDTGNR1512.MTN
		3.0		BDTGNR3012.MTN

RC

Color	Profile Diameter	Cuff Height (mm)	Type	Ref.C
Silver	Ø8	0.6	Octa	BDTGRR0608.MTN
		1.5		BDTGRR1508.MTN
		3.0		BDTGRR3008.MTN
	Ø10	0.6		BDTGRR0610.MTN
		1.5		BDTGRR1510.MTN
		3.0		BDTGRR3010.MTN
	Ø12	0.6		BDTGRR0612.MTN
		1.5		BDTGRR1512.MTN
		3.0		BDTGRR3012.MTN

[TiGEN Abutment CUFF type Line-Up]



➲ Reverse Jig Connector Option

Reverse Jig Connector

- Milling screws exclusively for Reverse Jig Connector are included
  - ✓ BLUEDIAMOND NC/ RC (BDRJMS)

- Do not use Non-Engage(Hex/ Octa)
- System can be checked by the number of Groove
  - BLUEDIAMOND NC → Groove : narrow 2ea
  - BLUEDIAMOND RC → Groove : wide 2ea
- Available milling machines
  - MegaGen Implant : BX5
  - ARUM DENTISTRY(Coming Soon)
- Recommended Torque
  - 35Ncm
  - Dedicated Driver (DP-RV-TORQ-DRV) (option)
- When Connected counterpart to Reverse Jig use Allen Wrench
  - Allen Key Size : 2.5mm
  - Dedicated Wrench (DP-HEX-TWLENCH) (option)

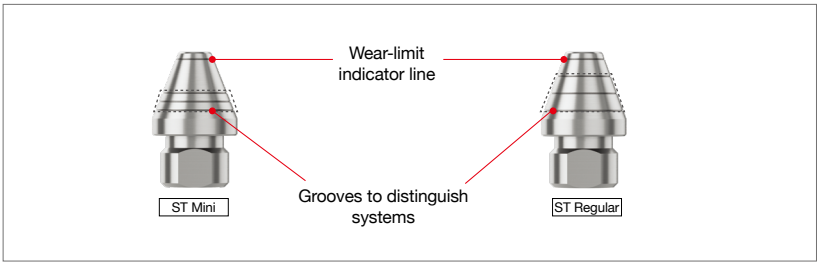
NC

Type	Ref.C
Octa	BDTGRJN00P

RC

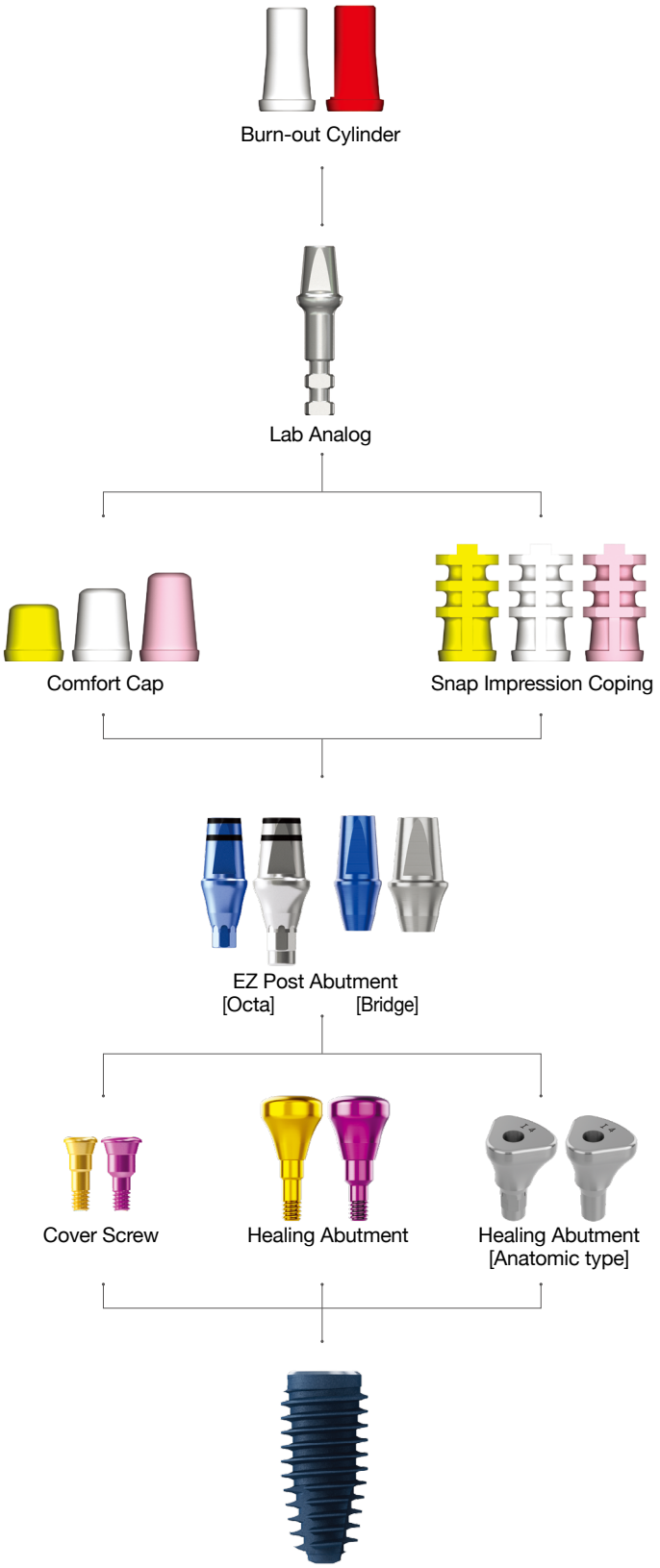
Type	Ref.C
Octa	BDTGRJR00P

*An example of grooves for different systems



II. Abutment Level Prosthesis

1. EZ Post Abutments & Components

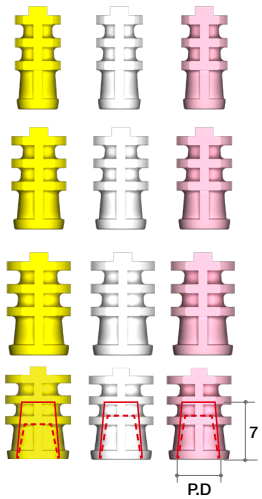


➲ Components for EZ Post Abutments

Snap Impression Coping

- Color-coded according to post height
- Profile diameters: Ø4, 5, 6, 7
- Do not use when abutment is trimmed

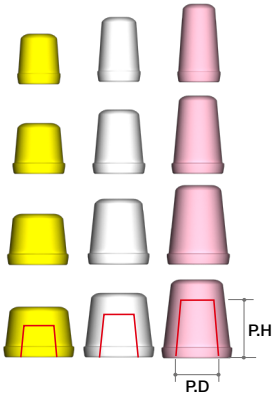
Profile Diameter	Ref.C
Ø4.0	AANSIF440
	AANSIF455
	AANSIF470
Ø5.0	AANSIF540
	AANSIF555
	AANSIF570
Ø6.0	AANSIF640
	AANSIF655
	AANSIF670
Ø7.0	AANSIF740
	AANSIF755
	AANSIF770



Comfort Cap

- Protects EZ Post Abutment & minimizes irritation to tongue & oral mucosa
- Can be applied under temporary prosthetics
- Color-coded according to post height

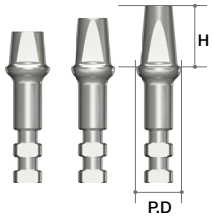
Profile Diameter	Post Height(mm)	Ref.C
Ø4.0	4	AANCCF440
	5.5	AANCCF455
	7	AANCCF470
Ø5.0	4	AANCCF540
	5.5	AANCCF555
	7	AANCCF570
Ø6.0	4	AANCCF640
	5.5	AANCCF655
	7	AANCCF670
Ø7.0	4	AANCCF740
	5.5	AANCCF755
	7	AANCCF770



Lab Analog

- Directly connects to Snap Impression Coping in impression to make stone model

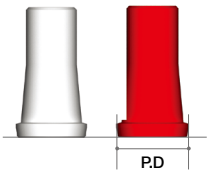
Profile Diameter	Height(mm)	Ref.C
Ø4.0	4	AANSLF440
	5.5	AANSLF455
	7	AANSLF470
Ø5.0	4	AANSLF540
	5.5	AANSLF555
	7	AANSLF570
Ø6.0	4	AANSLF640
	5.5	AANSLF655
	7	AANSLF670
Ø7.0	4	AANSLF740
	5.5	AANSLF755
	7	AANSLF770



Burn-out Cylinder

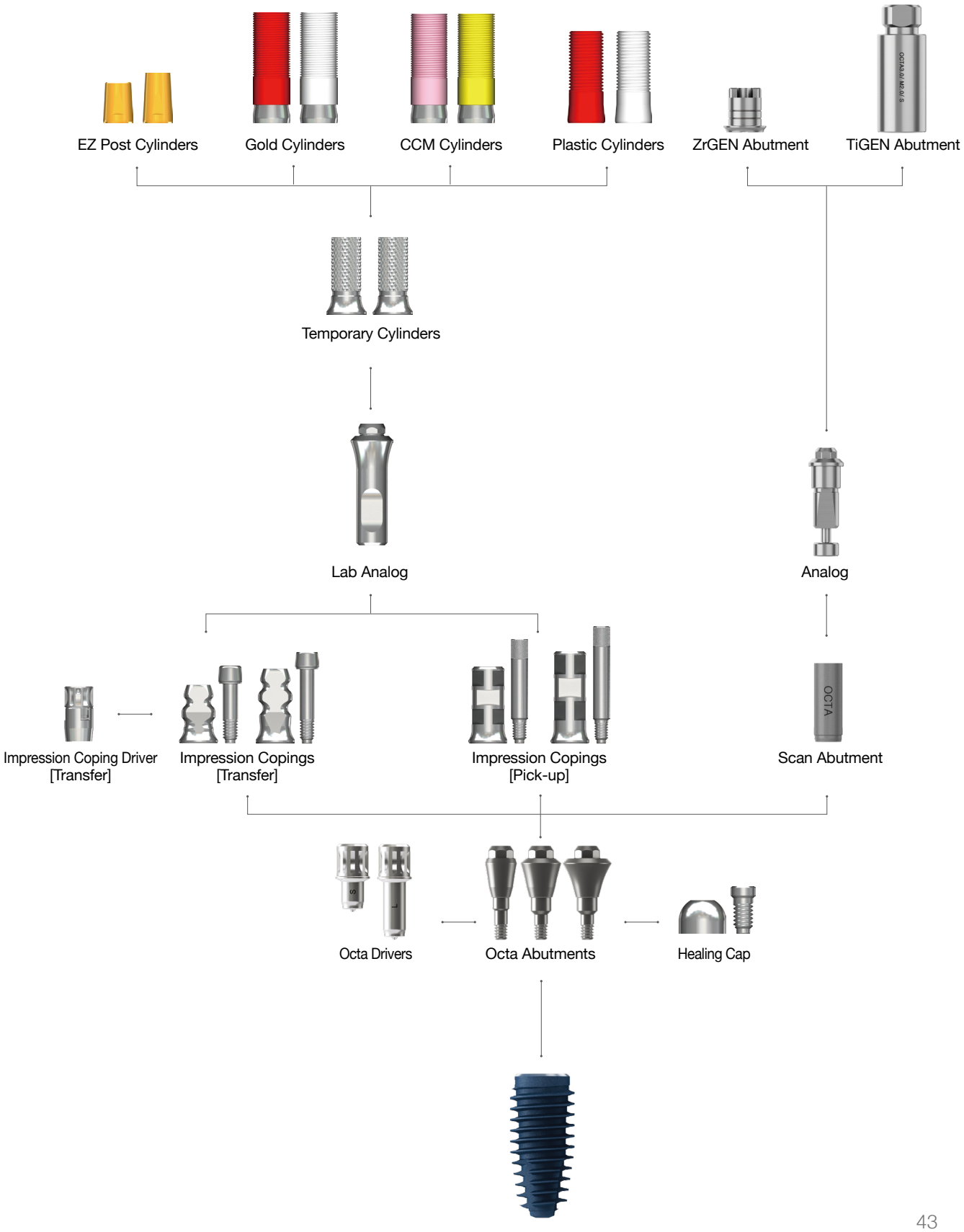
- Fits with Lab Analog(solid level)
- Easy for wax-up & accurate casting
- Use red cylinder for single crown

Profile Diameter	Type	Ref.C
Ø4.0	Multiple	AANBCB470
Ø5.0		AANBCB570
Ø6.0		AANBCB670
Ø7.0		AANBCB770
Ø4.0	Single	AANBCS470
Ø5.0		AANBCS570
Ø6.0		AANBCS670
Ø7.0		AANBCS770



II. Abutment Level Prosthesis

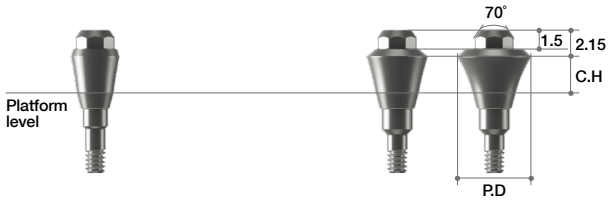
2. Octa Abutment & Components



➲ Components for Octa Abutment (Continued)

Octa Abutment

- For use with multiple screw-retained prosthetics
- Use with Octa Driver
- Recommended torque: 35Ncm



NC

Profile Diameter	Cuff Height (mm)	Ref.C
Ø3.8	1	AROOAN4010
	2	AROOAN4020
	3	AROOAN4030
	4	AROOAN4040
	5	AROOAN4050

RC

Profile Diameter	Cuff Height (mm)	Ref.C
Ø4.8	1	AROOAR5010
	2	AROOAR5020
	3	AROOAR5030
	4	AROOAR5040
	5	AROOAR5050
Ø5.8	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

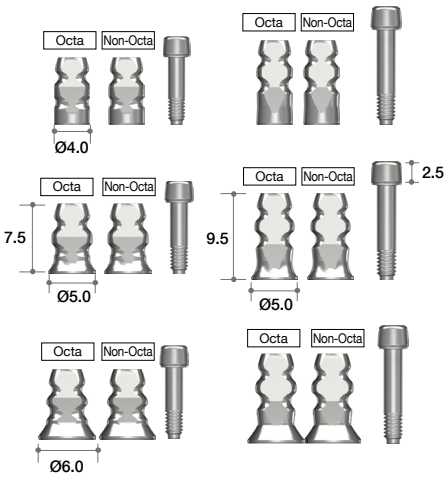
Impression Coping

(Transfer)

- Guide pin (AAOTGP10 / AAOTGP12) included

- Tightened using Impression Driver

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

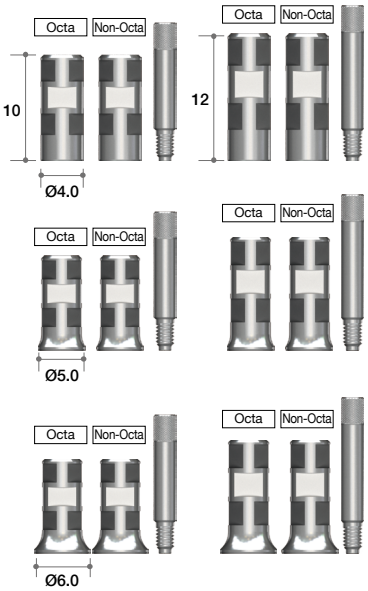


Impression Coping

(Pick-up)

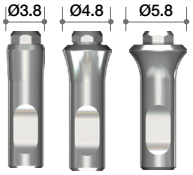
- Guide pin (AAOPGP10 / AAOPGP12) included

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 Analog

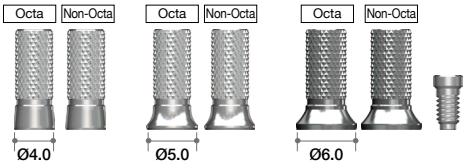
Profile Diameter	Ref.C
Ø3.8	AANOLA4000
Ø4.8	IOA300
Ø5.8	AANOLA6000



Temporary Cylinder

- Cylinders screw (IRCS200) included
- Recommended torque: 25Ncm

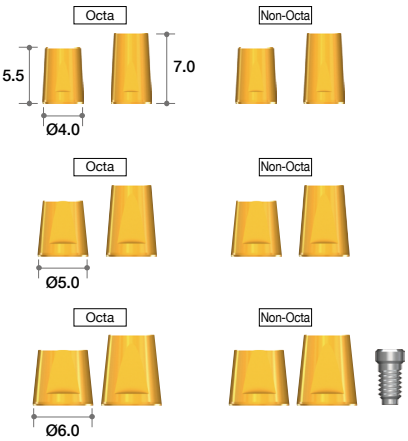
Profile Diameter	Type	Ref.C
Ø4.0	Octa	AANOTCO4010T
	Non-Octa	AANOTCN4010T
Ø5.0	Octa	AANOTCO5010T
	Non-Octa	AANOTCN5010T
Ø6.0	Octa	AANOTCO6010T
	Non-Octa	AANOTCN6010T



EZ Post Cylinder

- 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



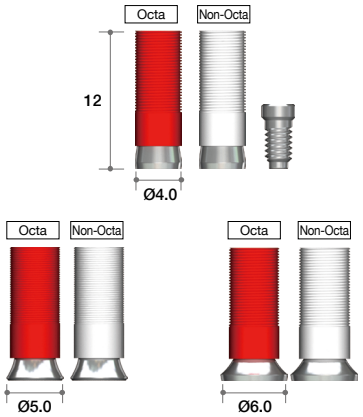
➲ Components for Octa Abutment

Gold Cylinder

- Cylinder screw (IRCS200) included

- For use with customizing abutment for screw-retained multi-unit restoration
- Octa(red) & Non-Octa(white) options
- Diameters: Ø4.0, 5.0, 6.0
- Threaded sleeves for better retention of resin or wax
- Melting point of gold alloy: 1063°C
- 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

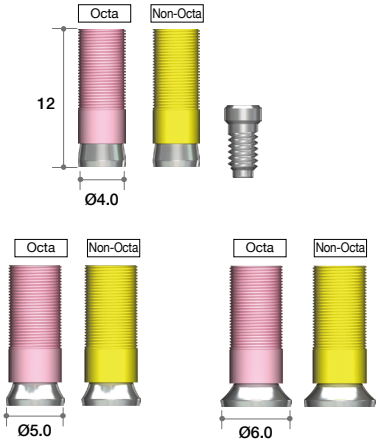


CCM Cylinder

- Cylinder screw (IRCS200) included

- Octa (pink) & Non-Octa (yellow) options
- Diameters: Ø4.0, 5.0, 6.0
- Threaded sleeves for better retention of resin or wax
- Melting temperature of CCM base: 1300~1400°C
- Can be cast using non-precious alloys (Ni-Cr, Cr-Co alloys)
- Recommended torque: 30Ncm

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

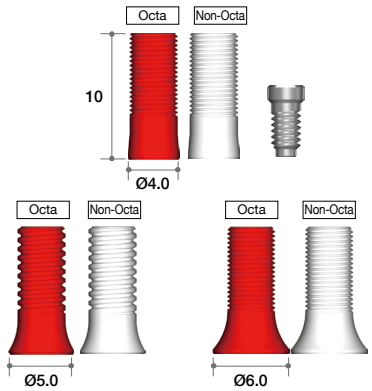


Plastic Cylinder

- Cylinder screw(IRCS200) included

- Economical option
- For use with customizing abutment for screw-retained multi-unit restoration
- Octa (red) & Non-Octa (white) options
- Threaded sleeves for 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



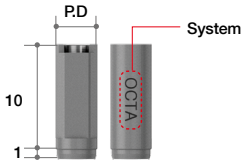
➲ Components for Octa Abutment_Digital (Continued)

Scan Abutments

- Abutment Screw(SAIRCS200) included.

- For Chairside/ Labside
- Surpporting Dental CAD
  - 3Shape / Exocad / Dental Wings
- Recommend torque : By Hand (5~8Ncm)

Profile Diameter	Height (mm)	Ref.C
Ø4.0	11	AOCES4011T

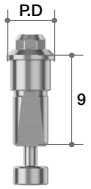


Analog

- Analog Screw(ALS18) included.

- For Chairside/ Labside
- Surpporting Dental CAD
  - 3Shape
  - exocad
- 2 piece type

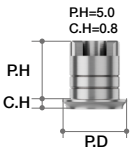
Profile Diameter	Ref.C
Ø3.8	OCTAALST
Ø4.8	OCTAALRT
Ø5.8	OCTAALWT



ZrGEN Abutments

- Abutment Screw(IRCS200) included.

- Titanium Base
- 1 set consists of 10 Abutments.
  - included spare Abutment Screw
- Supporting Dental CAD
  - 3Shape
  - Exocad
  - Dental Wing
- Post Height can be checked by the number of Groove.
  - Post Height : 5mm → Groove : 2ea
  - Post Height : 6mm → Groove : 4ea
  - Post Height : 8mm → Groove : 6ea
- Recommend torque : 35Ncm



System		Profile Diameter	Cuff Height (mm)	Post Height (mm)	Type	Ref.C
Octa Level	Small	Ø5.0	0.8	5	Octa	AOCEPS5015.MTN
				6		AOCEPS5016.MTN
				8		AOCEPS5018.MTN
			0.8	5	Non-Octa	ANOEPS5015.MTN
				6		ANOEPS5016.MTN
				8		ANOEPS5018.MTN
	Regular	Ø5.5	0.8	5	Octa	AOCEPR5515.MTN
				6		AOCEPR5516.MTN
				8		AOCEPR5518.MTN
			0.8	5	Non-Octa	ANOEPR5515.MTN
				6		ANOEPR5516.MTN
				8		ANOEPR5518.MTN
	Wide	Ø6.5	0.8	5	Octa	AOCEPW6515.MTN
				6		AOCEPW6516.MTN
				8		AOCEPW6518.MTN
			0.8	5	Non-Octa	ANOEPW6515.MTN
				6		ANOEPW6516.MTN
				8		ANOEPW6518.MTN

➲ Components for Octa Abutment_Digital

TiGEN Abutments

(MegaGen type)

- Abutment Screw(IRCS200) included.

- Pre-milled Abutment
- 1 set consists of 10 Abutments.
  - included spare Abutment Screw
- Supporting DentalCAD
  - 3Shape / exocad / Dental Wings
- Supporting Milling Machine
  - MegaGen Implant : BX5
  - ARUM DENTISTRY
- Recommend torque : 35Ncm

System		Color	Profile Diameter	Height (mm)	Type	Ref.C
Octa Level	Small	Silver	Ø10	20	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

(NT type)

- Abutment Screw(IRCS200) included.

- Pre-milled Abutment
- 1 set consists of 10 Abutments
  - included spare Abutment Screw
- Supporting DentalCAD
  - 3Shape / exocad
- Recommend torque : 35Ncm

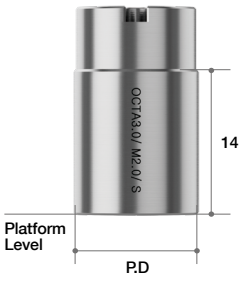
System		Color	Profile Diameter	Height (mm)	Type	Ref.C
Octa Level	Small	Silver	Ø10	16	Octa	OCTSN1016.MTN
					Non-Octa	NOTSN1016.MTN
			Ø12		Octa	OCTSN1216.MTN
					Non-Octa	NOTSN1216.MTN
	Regular		Ø10		Octa	OCTRN1016.MTN
					Non-Octa	NOTRN1016.MTN
			Ø12		Octa	OCTRN1216.MTN
					Non-Octa	NOTRN1216.MTN
	Wide		Ø10		Octa	OCTWN1016.MTN
					Non-Octa	NOTWN1016.MTN
			Ø12		Octa	OCTWN1216.MTN
					Non-Octa	NOTWN1216.MTN

(Medentika type)

- Abutment Screw(IRCS200) included.

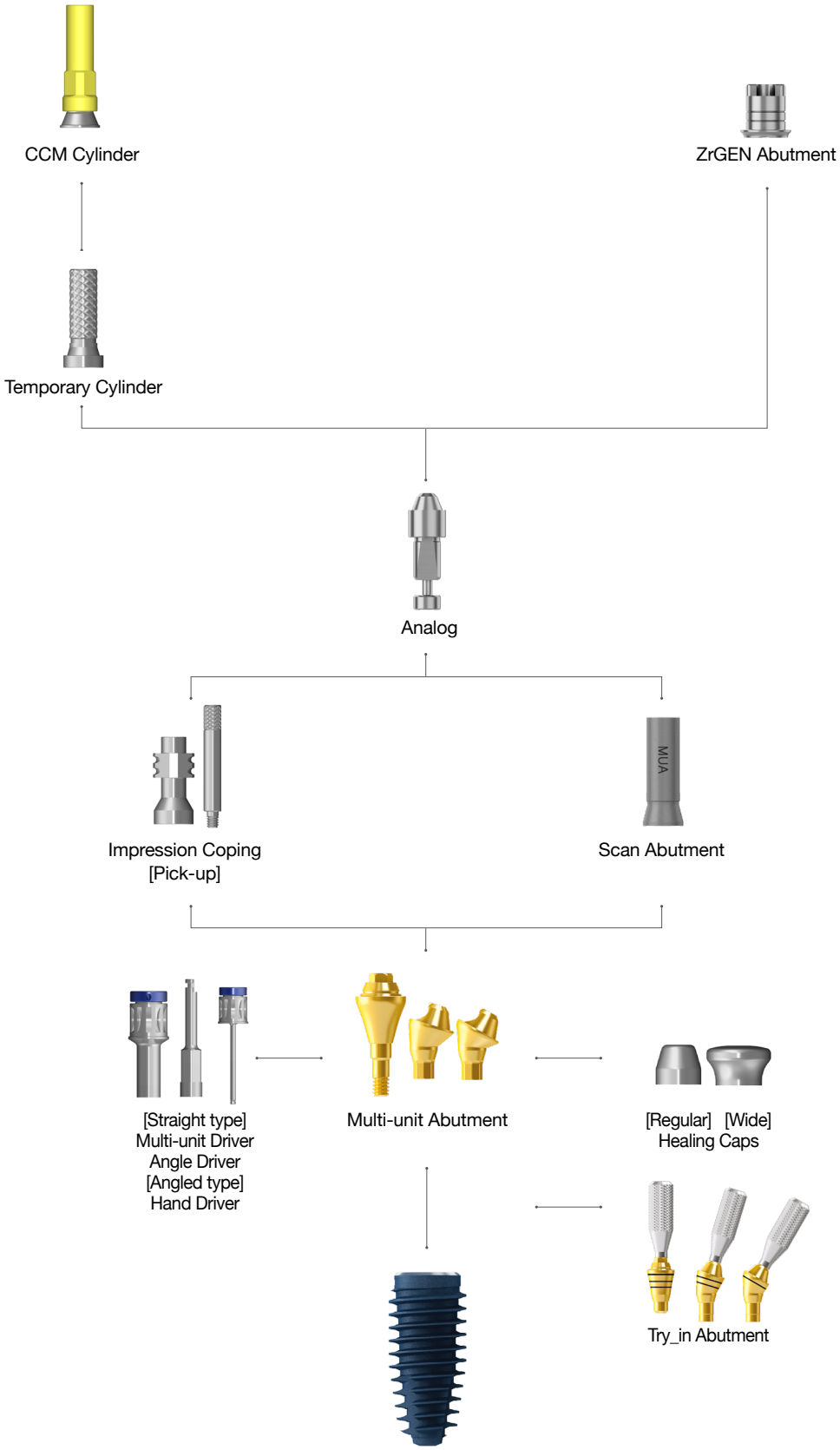
- Pre-milled Abutment
- 1 set consists of 10 Abutments
  - included spare Abutment Screw
- Supporting DentalCAD
  - 3Shape / exocad
- Recommend torque : 35Ncm

System		Color	Profile Diameter	Height (mm)	Type	Ref.C
Octa Level	Small	Silver	Ø12	14	Octa	OCTSM1214.MTN
					Non-Octa	NOTSM1214.MTN
	Regular				Octa	OCTRM1214.MTN
					Non-Octa	NOTRM1214.MTN
	Wide				Octa	OCTWM1214.MTN
					Non-Octa	NOTWM1214.MTN



II. Abutment Level Prosthesis

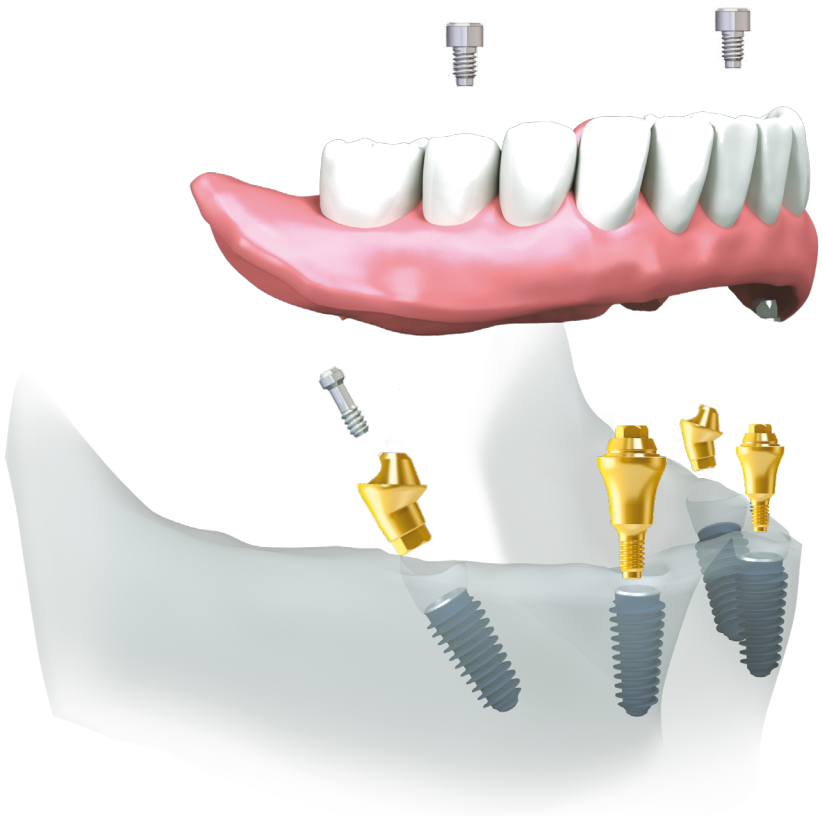
3. Multi-unit Abutment & Components



▸▸ Multi-unit Abutment™

Multi-unit Abutment Design Concept

Intended as a solution for edentulous patients, multi-unit abutments work best with an All-on-4 procedure: 2 x straight-type abutments in anterior positions, plus 2 x angled-type (multi-unit) abutments in posterior positions.

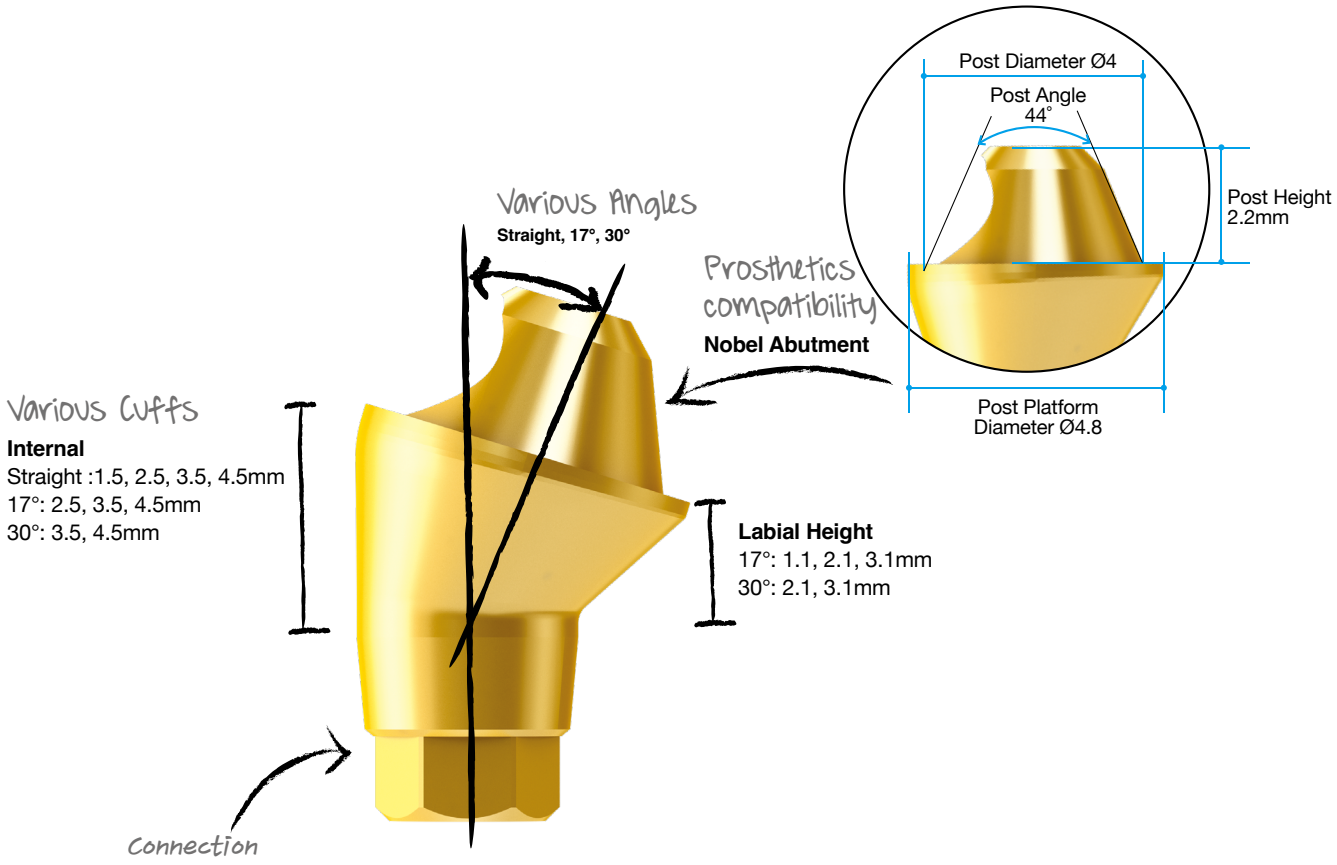


Features

- Minimal number of fixtures & angled placement allows full use of existing bone & can avoid GBR procedures
- Angulation of fixtures avoids sensitive areas, such as mandibular nerve & maxillary sinus
- Angulated fixtures in posterior positions become osseointegrated with cancellous bone & disperse vertical load on alveolar bone
- Guided surgical option for All-on-4 technique is also possible using R2GATE software

▸▸ Multi-unit Abutment N Type

Solution for edentulous patients



BLUEDIAMOND IMPLANT

Benefit

1. Easy & economical treatment solution for compromised edentulous cases
2.Can avoid expensive & time consuming bone graft procedures
3.Multiple angles (0˚, 17˚, 30˚) to support different placement paths
4.Universally compatible with other multi-unit systems

Compatibility with others' Multi-unit level prosthetic components

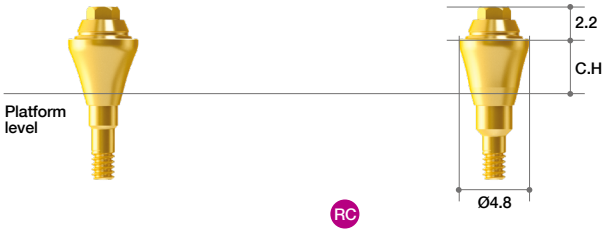
- ✓ Post Height
- ✓ Post Diameter
- ✓ Post Angle
- ✓ Abutment Angle
- ✓ Cuff Height

Multi-unit Abutment

Straight Multi-unit Abutment

- 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

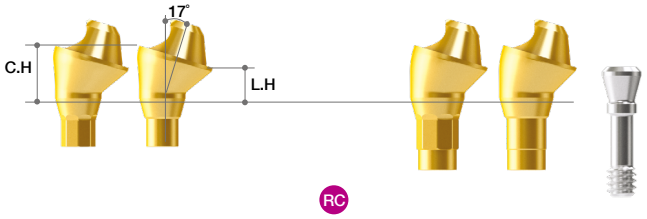
RC

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

17° Multi-unit Angled Abutment

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

• Recommended torque: 25Ncm



NC

Cuff Height (Labial) (mm)	Type	Ref.C
2.5 (1.1)	Octa	MUAARONO1725TC
3.5 (2.1)		MUAARONO1735TC
4.5 (3.1)		MUAARONO1745TC
2.5 (1.1)	Non-Octa	MUAARONN1725TC
3.5 (2.1)		MUAARONN1735TC
4.5 (3.1)		MUAARONN1745TC

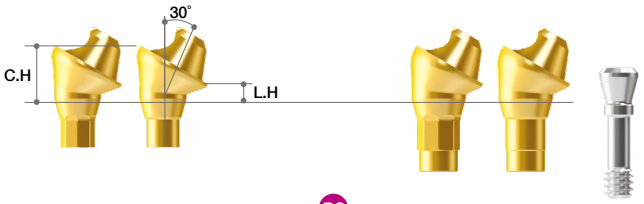
RC

Cuff Height (Labial) (mm)	Type	Ref.C
2.5 (1.1)	Octa	MUAARORO1725TC
3.5 (2.1)		MUAARORO1735TC
4.5 (3.1)		MUAARORO1745TC
2.5 (1.1)	Non-Octa	MUAARORN1725TC
3.5 (2.1)		MUAARORN1735TC
4.5 (3.1)		MUAARORN1745TC

30° Multi-unit Angled Abutment

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

• Recommended torque: 25Ncm



NC

Cuff Height (Labial) (mm)	Type	Ref.C
3.5 (1.1)	Octa	MUAARONO3035TC
4.5 (2.1)		MUAARONO3045TC
3.5 (1.1)	Non-Octa	MUAARONN3035TC
4.5 (2.1)		MUAARONN3045TC

RC

Cuff Height (Labial) (mm)	Type	Ref.C
3.5 (1.1)	Octa	MUAARORO3035TC
4.5 (2.1)		MUAARORO3045TC
3.5 (1.1)	Non-Octa	MUAARORN3035TC
4.5 (2.1)		MUAARORN3045TC

▸▸ Contents of Multi-unit Abutment Set

Multi-unit Abutment Healing Cap-type Set Reference Code

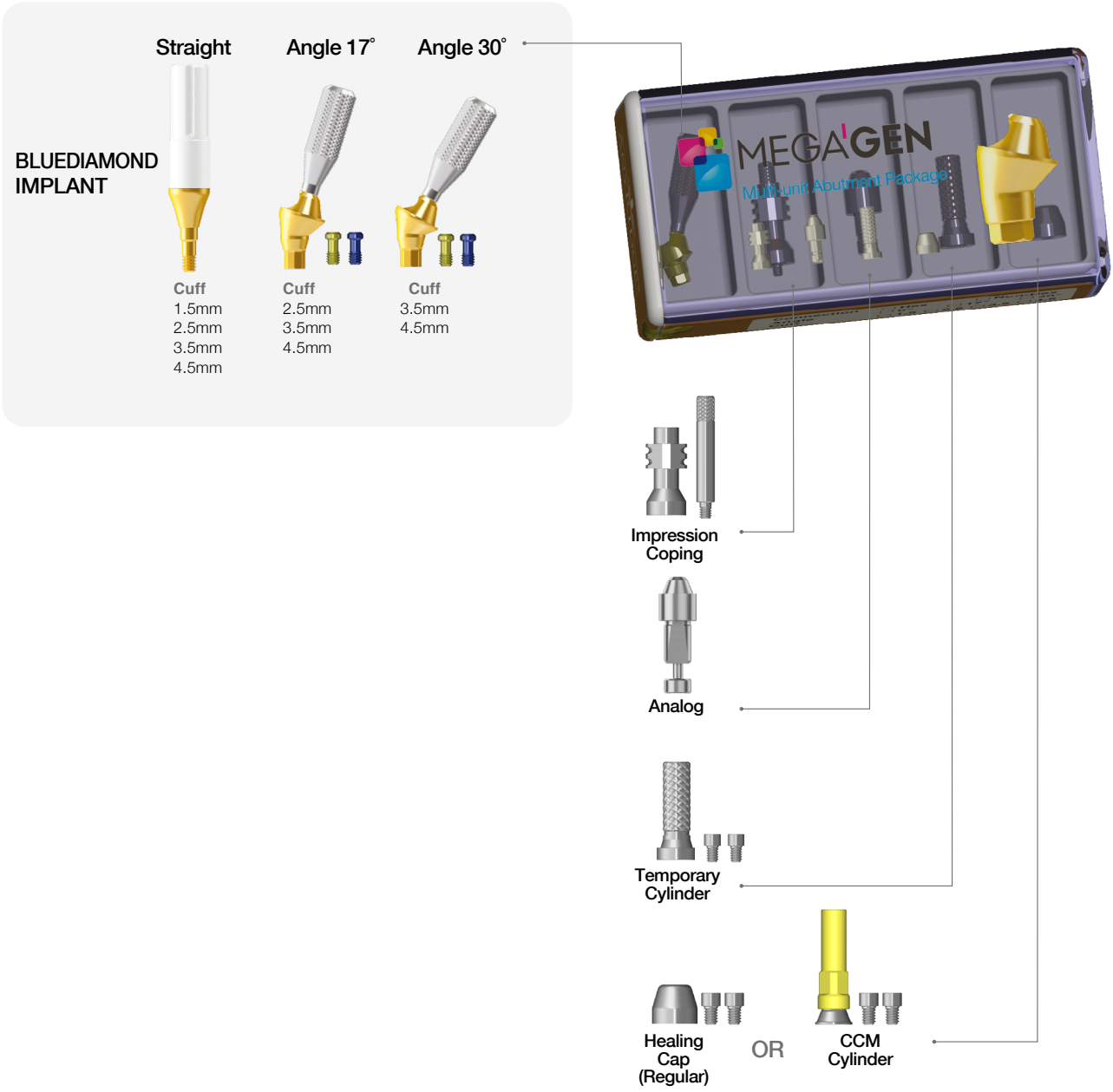
Order code : Available by changing to 'HP' instead of 'C' or 'TC' from current Ref.C

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

Multi-unit Abutment CCM-type Set Reference Code

Order code : Available by changing to 'P' instead of 'C' or 'TC' from current Ref.C

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

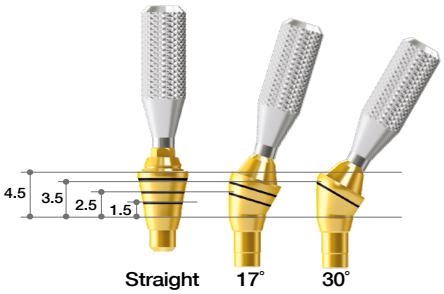


➲ Components for Multi-unit Abutment (Continued)

Try-in Abutment

- Cuff height indicated with laser markings
- Straight, 17°, 30°

Angle	Type	Cuff Marking	Ref.C
Straight	Non-Octa	1.5 / 2.5 / 3.5 / 4.5	MUTIAARON00C
			MUTIAAROR00C
17°	Octa	2.5 / 3.5 / 4.5	MUTIAARON17OC
			MUTIAAROR17OC
	Non-Octa		MUTIAARON17NC
			MUTIAAROR17NC
30°	Octa	3.5 / 4.5	MUTIAARON30OC
			MUTIAAROR30OC
	Non-Octa		MUTIAARON30NC
			MUTIAAROR30NC



Try-in Abutment Set reference code

NC Octa

Order code: MUTIAARON00OC**P**
MUTIAARON00NC**P**
MUTIAAROR00OC**P**
MUTIAAROR00NC**P**

RC Non-Octa

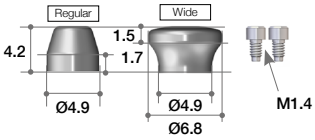
BLUE DIAMOND Try-in Abutment

※ Kit contents: Straight, 17°, 30° Try-in abutments (1 each)

Healing Cap

- Cylinder screws (MUAS) 2ea included
- Select size according to soft tissue volume or type of restoration

Type	Ref.C
Regular	MUAHCL
Wide	MUAHCWL



Healing Cap Set Reference Code

Order code : Available by changing to 'P' instead of 'L' from current Ref.C

E.g.) MUAHCL → MUAHC**P**

MEGAGEN Healing Cap Regular Wide

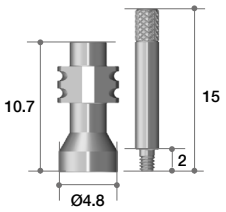
Impression Coping

(Pick-up)

- Guide pin (MUAGP) included

- For use with impression taking at abutment level

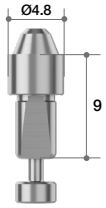
Connection	Ref.C
Non-Hex	MUAICT



Analog

- For use with duplicating multi-unit abutment in working model
- Available as RP Analog for 3D-printed working model

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

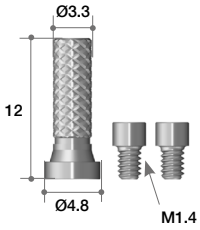


Temporary Cylinder

- Cylinder screws (MUAS) 2EA included

- For use with fabricating acrylic provisional restoration
- Grooves on post cylinder for storing resin adhesion
- Back-up screw is included
- Recommended torque: 15Ncm

Connection	Ref.C
Non-Hex	MUATCL

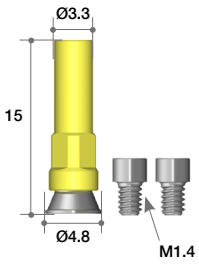


CCM Cylinder

- Cylinder screws (MUAS) 2EA included

- For use with fabricating screw-retained prosthesis with metal-reinforced or bar-structured overdenture
- Can be cast using non-precious dental alloys (Ni-Cr, Cr-Co alloys)
- Melting temperature of CCM base: 1300~1400°C
- Back-up screw included
- Recommended torque: 15Ncm

Connection	Ref.C
Non-Hex	MUACCML

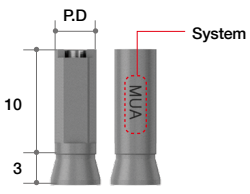


Scan Abutments

- Abutment Screw(SAMUAS) included

- For Chairside/ Labside
- Surpporting Dental CAD
  - 3Shape / Exocad / Dental Wings
- Recommend torque : By Hand (5~8Ncm)

Profile Diameter	Height (mm)	Ref.C
Ø4.0	13	AMUASR4013T



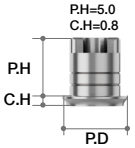
➲ Components for Multi-unit Abutments

ZrGEN Abutments

- Cylinder Screw(MUAS) included.

- Titanium Base
- 1 set consists of 10 Abutments.
  - included spare Abutment Screw
- Supporting Dental CAD
  - 3Shape / Exocad / Dental Wing
- Post Height can be checked by the number of Groove.
  - Post Height : 5mm → Groove : 2ea
  - Post Height : 6mm → Groove : 4ea
  - Post Height : 8mm → Groove : 6ea
- Recommend torque : 15Ncm

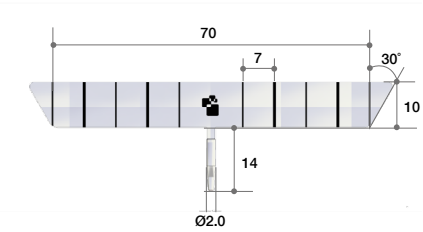
Profile Diameter	Cuff Height (mm)	Post Height (mm)	Type	Ref.C
Ø5.5	0.8	5	N Type	AMUAPR5515N.MTN
		6		AMUAPR5516N.MTN
		8		AMUAPR5518N.MTN



Surgical Guide

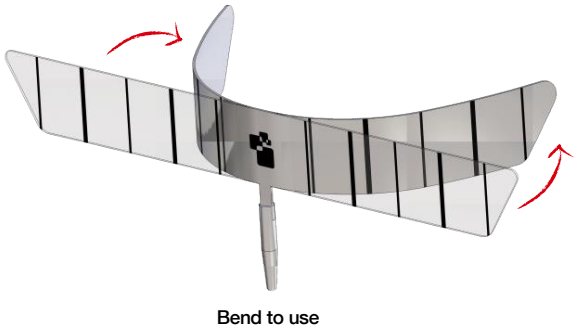
- 7mm distance between lines
- Place center pin after initial drilling at center of arch

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

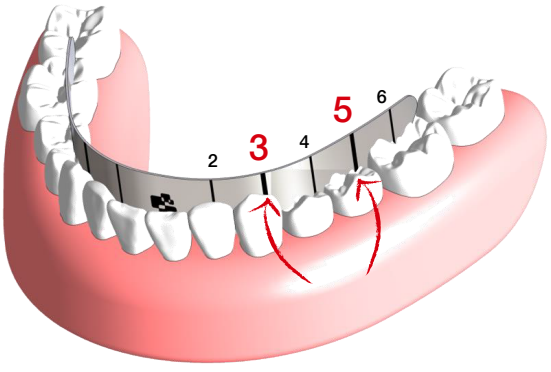


▸▸ How to use Surgical Guide

※ For easy identification, surgical guide includes thicker lines for canines & second premolars, as most common indicators
※ Surgical guide can also be used with first molars



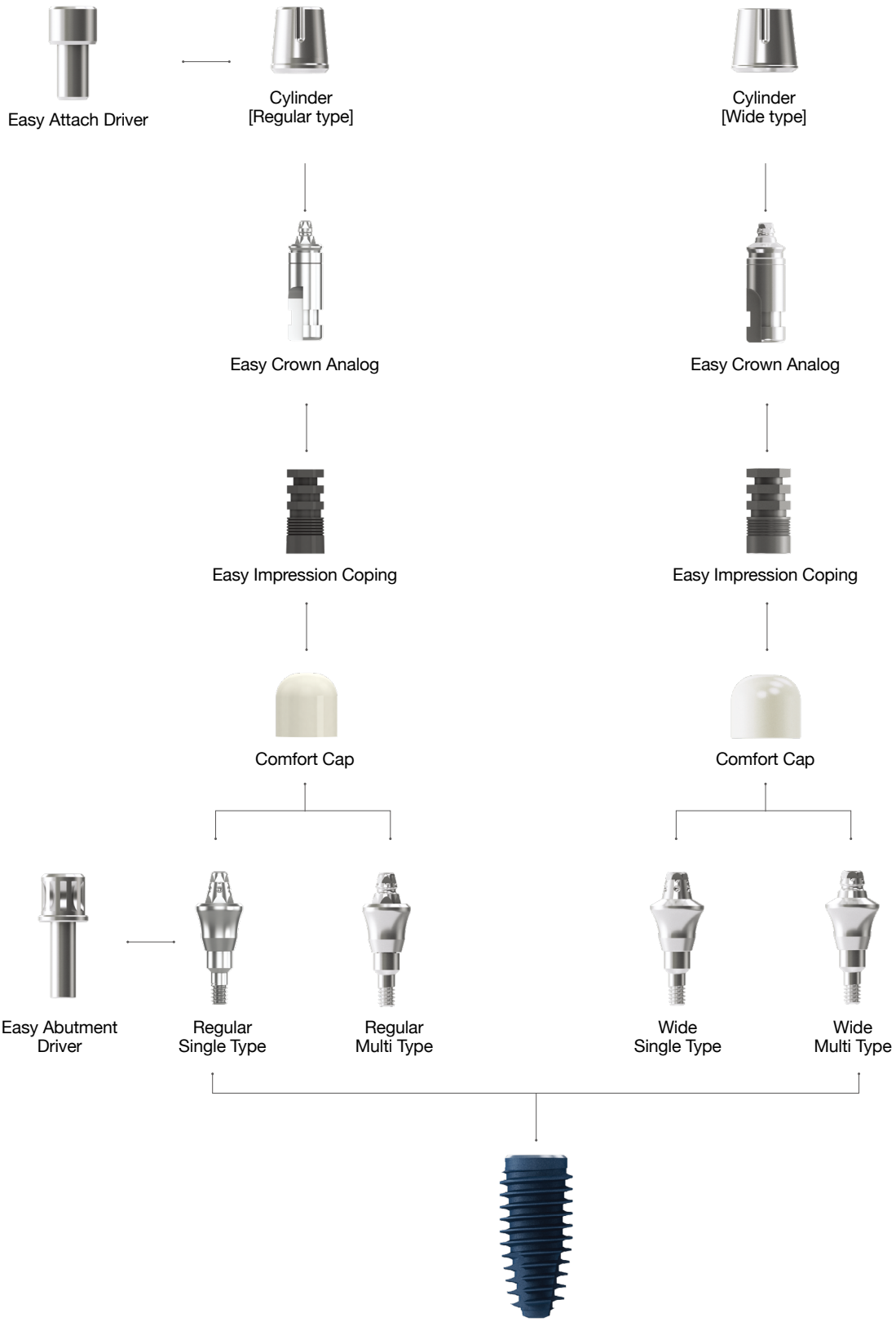
Bend to use



[Packaging]

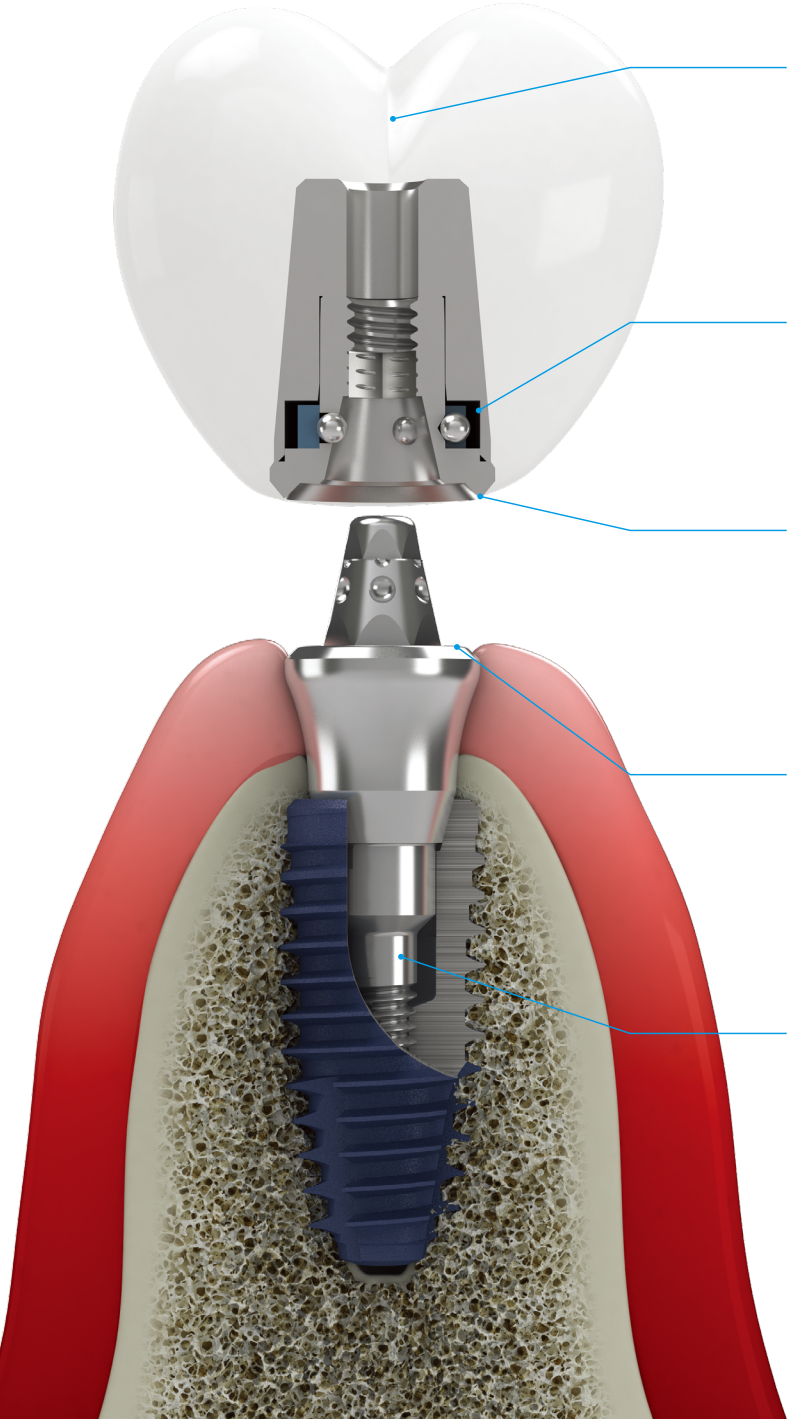
II. Abutment Level Prosthesis

4. EZ CROWN & Components



▸▸ EZ CROWN

Imagine perfect prosthetics that can last a life-time!



New concept for implant prosthetics

EZ locking connection between spherical grooves of abutment & Zirconia ball-Nitinol spring of cylinder creates screw-less implant for optimal occlusion & esthetics

High retrievability

EZ locking connection uses elastic Nitinol spring & flexible abutment structure that can compensate up to 12.5°, allowing easy retrieval of prosthesis, convenient fixture repair & effective treatment of any peri-implant inflammation

No cement

As EZ Crown abutment functions as convertible abutment, this allows all implant procedures to occur at gingival level, thereby improving the impression-taking, prosthesis fabrication & aftercare

New management & maintenance protocol

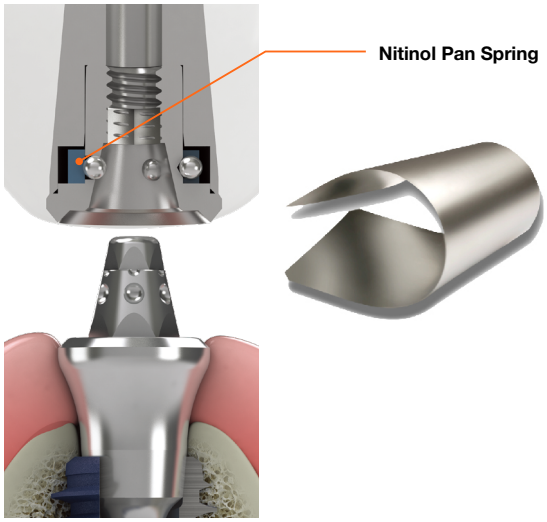
EZ Crown improves the entire treatment & aftercare process for both clinician & patient

Less sinking, less loosening

As the one-piece abutment is tightened into the fixture using a torque of 35N, this essentially eliminates the sinking problem inherent with an internal connection, while also safeguarding against screw loosening

Nitinol (shape-memory alloy) pan spring provides long-term retention

Nitinol (nickel/titanium alloy) is already widely used in aerospace & medical technology, and its special shape-memory characteristic ensures long-term retention of dental prosthetics.



EZ locking is more convenient for dental prosthetics

As shown in the table, EZ Crown is more flexible & convenient for all aspects of implant prosthetics.

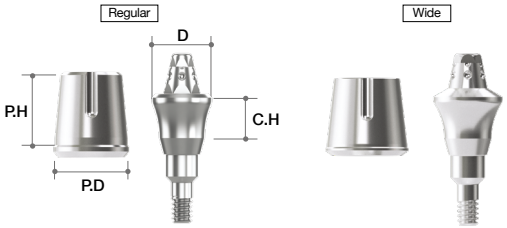
	EZ CROWN	IN-EXT	CEMENT-RETAINED	SCREW-RETAINED	SCRP
Screw Hole	No	Yes	No	Yes	Yes
Cement removal	Easy	Difficult	Difficult	Easy	Easy
Aesthetics	Excellent	Poor	Excellent	Poor	Poor
Repair	Easy	Easy	Difficult	Easy	Easy
Connection Level	Gingiva	Gingiva	Fixture	Fixture	Fixture
LOAD	Low	Low	High	High	High
Screw Loosening	Low	Low	High	High	High
Retrievability	Very Easy	Easy	Difficult	Easy	Easy

Only abutment-level impression… No impression coping or scan abutment

Another benefit of EZ Crown is easy impression work, just a normal impression - no impression coping or scan abutment – so less effort & shorter chair-time.

➲ Abutment Option

Abutment

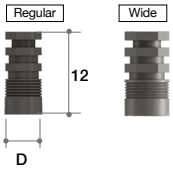


System	Profile Diameter	Cuff Height (mm)	Post Height (mm)	Ref.C Single	Ref.C Bridge
BLUEDIAMOND IMPLANT	Regular (Ø 5.2)	1.0	3.8	IS521038BR	I521038BR
		2.0		IS521050BR	I521050BR
		3.0		IS521065BR	I521065BR
		4.0		IS522038BR	I522038BR
		5.0		IS522050BR	I522050BR
		1.0	5.0	IS522065BR	I522065BR
		2.0		IS523038BR	I523038BR
		3.0		IS523050BR	I523050BR
		4.0		IS523065BR	I523065BR
		5.0		IS524038BR	I524038BR
		1.0	6.5	IS524050BR	I524050BR
		2.0		IS524065BR	I524065BR
		3.0		IS525038BR	I525038BR
		4.0		IS525050BR	I525050BR
		5.0		IS525065BR	I525065BR
	Wide Type (Ø 6.0)	1.0	3.8	IS60138BR	I60138BR
		2.0		IS60238BR	I60238BR
		3.0		IS60338BR	I60338BR
		4.0		IS60438BR	I60438BR
		5.0		IS60538BR	I60538BR
		1.0	5.0	IS60150BR	I60150BR
		2.0		IS60250BR	I60250BR
		3.0		IS60350BR	I60350BR
		4.0		IS60450BR	I60450BR
		5.0		IS60550BR	I60550BR

➲ Components for EZ CROWN

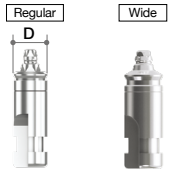
Impression Coping

Diameter	Type	Ref.C
Ø4.8	Regular	EIC
Ø5.5	Wide	EIC-W



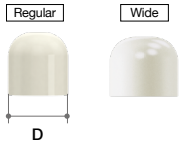
Easy Crown Analog

Diameter	Type	Ref.C
Ø4.5	Regular	ECL
Ø4.95	Wide	ECL-W



Comfort Cap

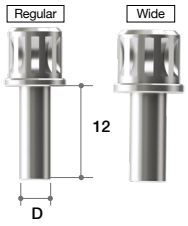
Diameter	Type	Ref.C
Ø5.0	Regular	ECH
Ø6.0	Wide	ECH-W



Easy Abutment Driver

- For connecting abutment

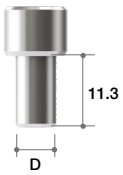
Diameter	Type	Ref.C
Ø4.0	Regular	EAD
Ø4.1	Wide	EAD-W



Easy Attach Driver

- For engaging & placing cylinderr

Diameter	Type	Ref.C
Ø6.5	Regular	EAAD
Ø7.9	Wide	EAAD-W



Easy Removal Driver

- For cylinder retrieval

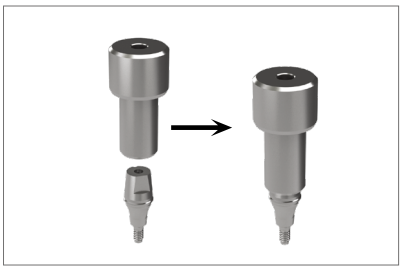
Length(mm)	Ref.C
12	EARD

Instrument Set

- Abutment Driver + Cylinder Driver + Retrieval Driver

Ref.C
EZC-AB-CY-RE

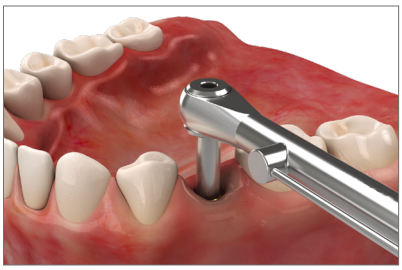
How to use EZ CROWN



Connect Attach Driver to EZ Crown Abutment-Cylinder set

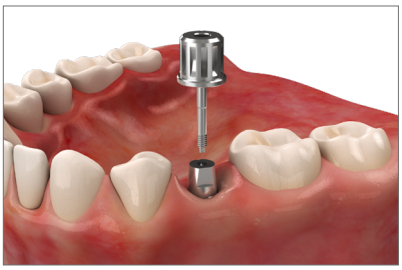
Connect the EZ Crown Abutment-Cylinder set to fixture using Attach Driver (by hand)

After basic tightening, remove Cylinder from EZ Crown Abutment using Remove Driver



Finally tighten EZ Crown Abutment to fixture using torque wrench & Abutment Driver (35N)

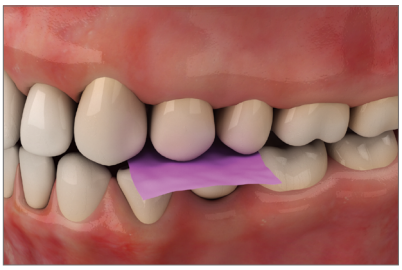
Re-connect Cylinder to EZ Crown Abutment & take an impression on cylinder level



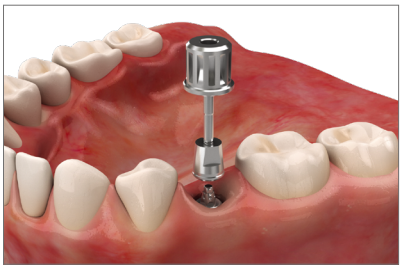
Remove Cylinder from EZ Crown Abutment using Remove Driver

Connect Healing Cap to EZ Crown Abutment, then send Cylinder & impression model to Dental Lab

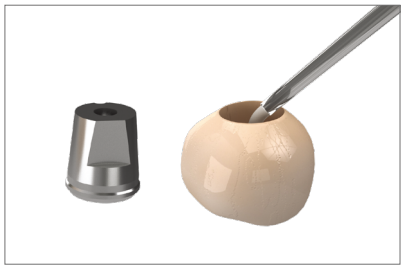
Final Crown & Cylinder



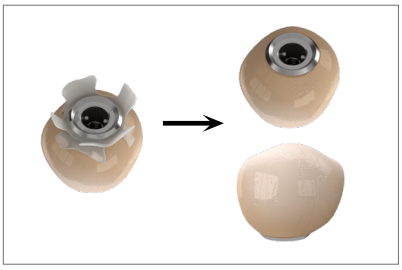
Re-tighten Cylinder & final crown to EZ Crown Abutment, then check occlusion



Remove Cylinder from EZ Crown Abutment using Remove Driver



Cylinder & final crown cementation



Remove excess cement

Final prosthesis

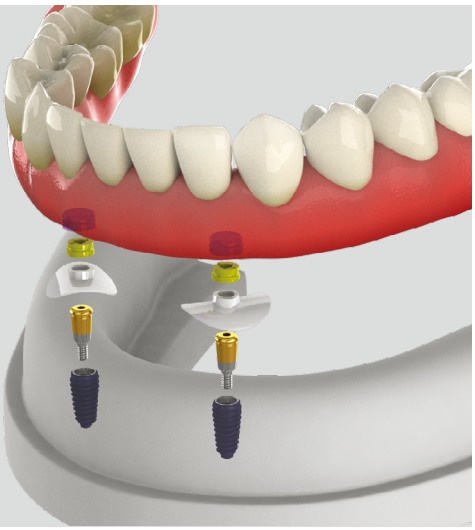
III. Overdenture Prosthesis

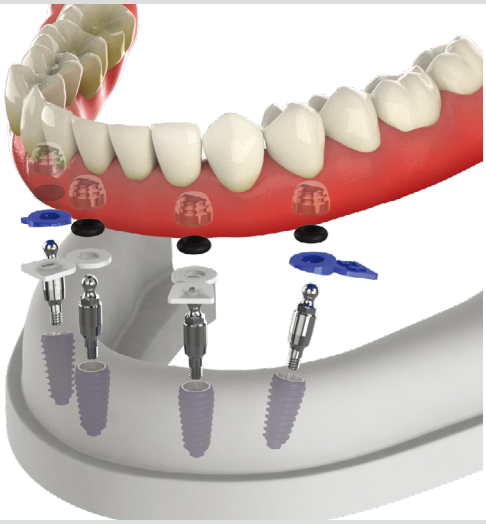
1. MegaGen Overdenture System

Meg-Loc

Compatible with products L & K,
excellent functionality, & incomparable price!

Combination of Titanium housing and Pekkton (reinforced plastic) creates low water solubility and higher wear resistance and durability than other existing products.
Retention insert offers wide range of retention forces (600gf, 1200gf, 1800gf) to suit each patient, resulting in high level of satisfaction for both patient and dentist.
Strong physical properties of Pekkton and insert gap increase elasticity, so that insert does not tear or break unlike conventional nylon products, thereby ensuring strong retention and longer life.





Meg-Ball

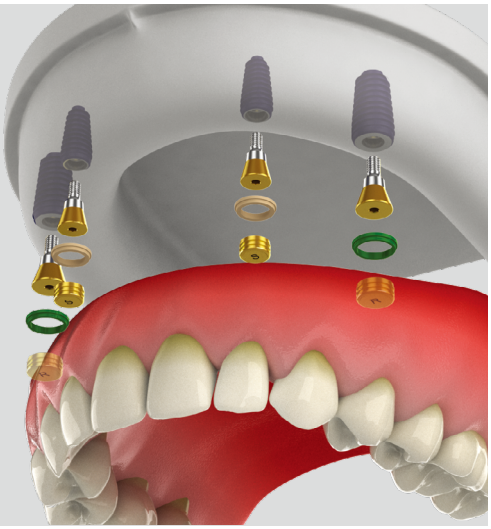
Smallest housing, retentive ring with longer life!
Even when the implant angle is not parallel, a stable denture can still be produced!

Compatible with other products with Ø2.25 head size, minimized patient inconvenience due to small-size housing, simpler to arrange artificial teeth as space occupied by denture is reduced, and easier to maintain than other systems.
Retentive ring has a high elasticity, abrasion resistance, and durability, thereby doubling the length of life when compared to a silicone O-ring and guaranteeing a longer life than NBR products.
Positioner (0/5/10/15 degrees) maintains parallel housing direction, even with distorted implant placement angle, ensuring denture stability.

Meg-Magnet

Designed to maintain stable & sufficient magnetic force!
Completely blocks bursts & corrosion resistant!

Structure is connected with abutment using magnetic force, which is feasible even with insufficient bone volume or poor bone quality
Easy to attach and detach, and minimal inflammation.
Magnet of Ø4.5 & Ø5.0 is compatible with other products, and laser marking on upper part makes it easy to distinguish between up and down.
Sufficient magnetic force ensures stable retention
Laser sealing blocks any bursting phenomenon.
TiN coating provides corrosion resistance.
Positioner (small & regular) prevents magnet from slipping in the mouth and stops any flow of impression materials under the abutment.



III. Overdenture Prosthesis

2. Meg-Loc Abutment & Components

Meg-Loc Metal Housing set

Block-out Spacer

Meg-Loc Abutment

▸▸ Meg-Loc Overdenture System

Advantages

Easy compatibility

Compatible with Product L & Product K (same specifications)

Better abrasion resistance & durability

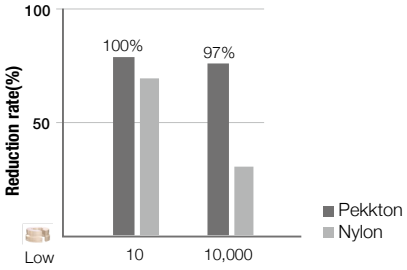
Combination of titanium housing & reinforced plastic (Pekkton) provides low water solubility & high resistance, making it superior in abrasion resistance & durability compared to existing products.

Water Sorption Test

Property	Meg-Loc (Pekkton)	Product L	Unit
Water Sorption	8.7	93.5	μg/mm³

Stronger retention & longer life

Strong physical properties of Pekkton & gap in insert increase elasticity, preventing insert from being torn or broken, unlike existing nylon products, even with mismatched angles when attaching & removing denture.

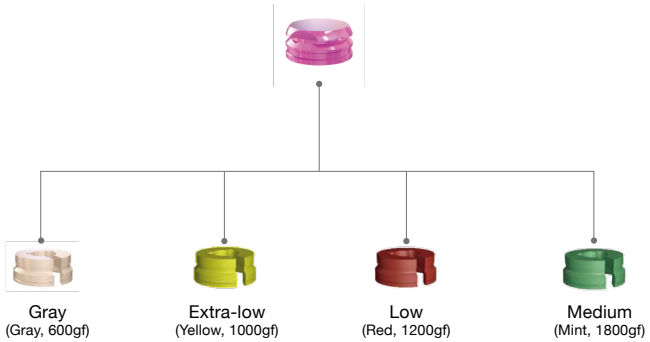


Easy to use

High resistance to plaque & easy cleaning
Easy replacement of retention insert

Tilting Angle

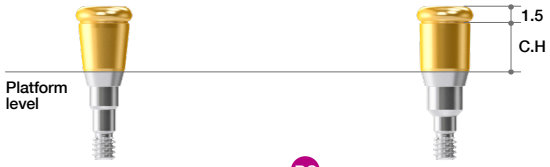
Various Retentive Caps for Meg-Loc



➲ Meg-Loc Overdenture System

Meg-Loc Abutment

- Angle compensation for 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
7.0	MLARON07

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
7.0	MLAROR07

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-600gf(for lab), Yellow-1000gf, Red-1200gf, Mint-1800gf)

NC

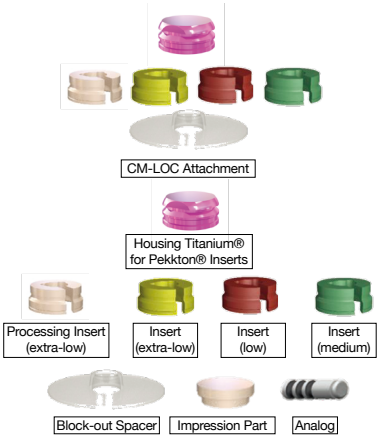
Cuff Height (mm)	Ref.C
0	MLARON00P
1.0	MLARON01P
2.0	MLARON02P
3.0	MLARON03P
4.0	MLARON04P
5.0	MLARON05P
6.0	MLARON06P
7.0	MLARON07P

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
7.0	MLAROR07P

Meg-Loc Attachment

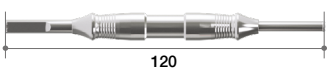
Description	QTY	Ref.C
CM-LOC Attachment	SET	CM-LOC
Housing Titanium® for Pekkton® Inserts	4EA	CM-LOC-TP
Processing Insert (extra-low)	4EA	CM-LOC-PI
Insert (extra-low)	4EA	CM-LOC-EL
Insert (low)	4EA	CM-LOC-L
Insert (medium)	4EA	CM-LOC-M
Block-out Spacer	4EA	CM-LOC-BS
Impression Part	4EA	CM-LOC-IP
Analog	4EA	CM-LOC-AN



Multi Tool

- Retention insert & Remove Tool

Ref.C
MLMT



III. Overdenture Prosthesis

3. Meg-Ball Abutment & Components

Meg-Ball Metal Housing set

Housing Positioner
(0°/5°/10°/15°)

Meg-Ball Abutment

▸▸ Meg-Ball Overdenture System

Advantages

Easy compatibility

Ø2.25 head size for easy compatibility with other products

Smallest Housing

Metal Housing

Small housing minimizes patient inconvenience, facilitates arrangement of artificial teeth by reducing space occupied by denture, & easier to maintain than other systems

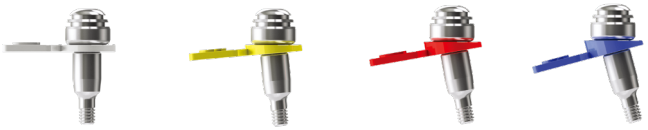
Double length of life

Retentive Ring

High elasticity, abrasion resistance, & durability provide double length of life when compared with silicone O-ring & guaranteed longer life than NBR products

Stable denture even with mismatching implant placement angles

Positioner (0/5/10/15 degrees) maintains parallel housing direction even when angles of implant placement are mismatched, ensuring denture stability



0° 5° 10° 15°

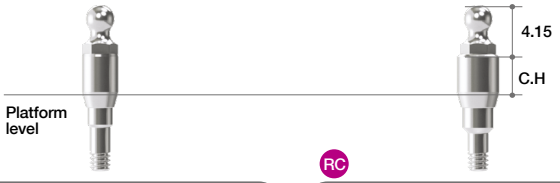
Tilting Angle

Meg-Ball Overdenture System

Meg-Ball Abutment

- Angle compensation for 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
7.0	MBARON70

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
7.0	MBAROR70

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
7.0	MBARON70P

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
7.0	MBAROR70P

Meg-Ball Metal Housing Set

- 1 Metal Housing
- 1 Retentive Ring

Ref.C
MBHR

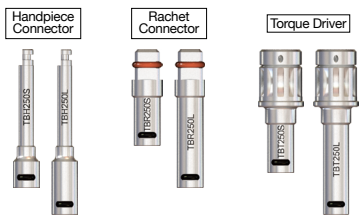
Retentive Ring Set

Quantity	Ref.C
5	MBR5
10	MBR10

Ball Driver

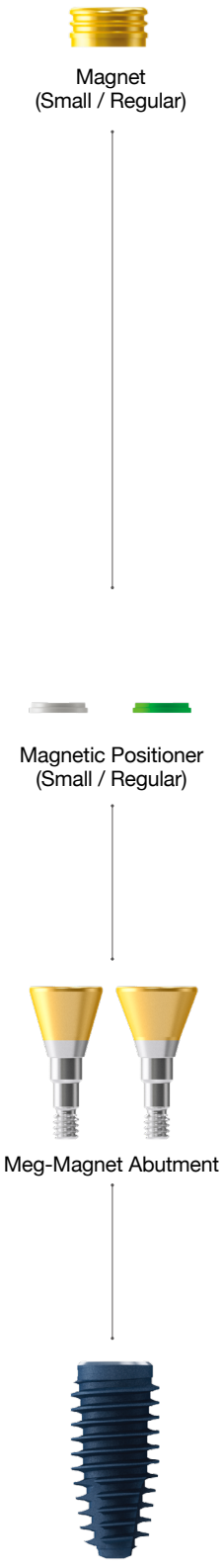
- For seating Ball Abutment in fixture
- Connects to Handpiece, Ratchet or Torque Wrench

Type	Ref.c
Torque Driver(Short)	TBT250S
Torque Driver(Long)	TBT250L



III. Overdenture Prosthesis

4. Meg-Magnet Abutment & Components



▸▸ Meg-Magnet Overdenture System

Advantages

Easy to apply for elderly or disabled patients

Applicable with insufficient bone volume & poor bone quality
Easy to attach & detach
Unlikely to cause inflammation

Designed for maximum magnetic efficiency & durability

Sufficient magnetic force (450gf, 650gf) to ensure stable retention
Laser sealing blocks any bursting phenomenon

Outstanding retention
- Blocks bursting
- Corrosion resistant
- Abrasion resistant

TiN coating provides corrosion resistance
Over 0.1mm thickness at contact with attachment to ensure wear resistance

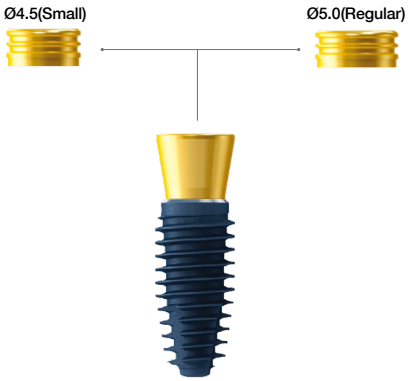
Easy identification of up & down via laser

Ø4.5 & Ø5.0 magnets are compatible with other products
Laser markings on upper side for easy identification of up & down

No slippage of magnet

Positioner (small & regular) prevents magnet from slipping in mouth & stops any flow of impression materials under abutment

Meg-Magnet Components

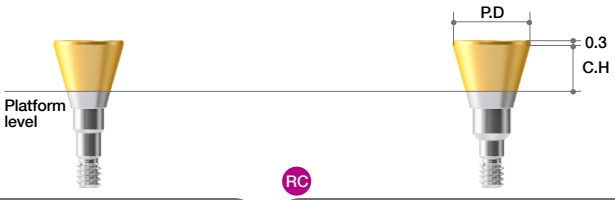


➲ Meg-Magnet Overdenture System

Meg-Magnet Abutment

- Use with 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
	6.0	MMARON460
	7.0	MMARON470
Ø5.0	0	MMARON500
	1.0	MMARON510
	2.0	MMARON520
	3.0	MMARON530
	4.0	MMARON540
	5.0	MMARON550
	6.0	MMARON560
	7.0	MMARON570

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
	6.0	MMAROR460
	7.0	MMAROR470
Ø5.0	0	MMAROR500
	1.0	MMAROR510
	2.0	MMAROR520
	3.0	MMAROR530
	4.0	MMAROR540
	5.0	MMAROR550
	6.0	MMAROR560
	7.0	MMAROR570

Meg-Magnet Package

- 1 Meg-Magnet Abutment
- 1 Magnet (Ø4.5-S, Ø5.0-R)
- 1 Magnetic Positioner

***Cautions!**
[Magnetic Positioners]
- Use according to standard
  : Small(White)/ Regular(Green)
- Do not reuse

[Magnets]
- Do not heat above 70℃
  : Magnetism is lost at high temperatures
  : For sterilization, use alcohol disinfection, not autoclave
- Remove if taking MRI.
- Avoid direct contact between magnets during procedure
  : Separation difficulties due to attraction forces

NC

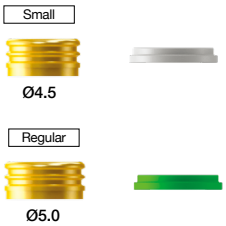
Profile Diameter	Cuff Height (mm)	Ref.C
Ø4.5	0	MMARON400P
	1.0	MMARON410P
	2.0	MMARON420P
	3.0	MMARON430P
	4.0	MMARON440P
	5.0	MMARON450P
	6.0	MMARON460P
	7.0	MMARON470P
Ø5.0	0	MMARON500P
	1.0	MMARON510P
	2.0	MMARON520P
	3.0	MMARON530P
	4.0	MMARON540P
	5.0	MMARON550P
	6.0	MMARON560P
	7.0	MMARON570P

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
	6.0	MMAROR460P
	7.0	MMAROR470P
Ø5.0	0	MMAROR500P
	1.0	MMAROR510P
	2.0	MMAROR520P
	3.0	MMAROR530P
	4.0	MMAROR540P
	5.0	MMAROR550P
	6.0	MMAROR560P
	7.0	MMAROR570P

Meg-Magnet Attachment Set

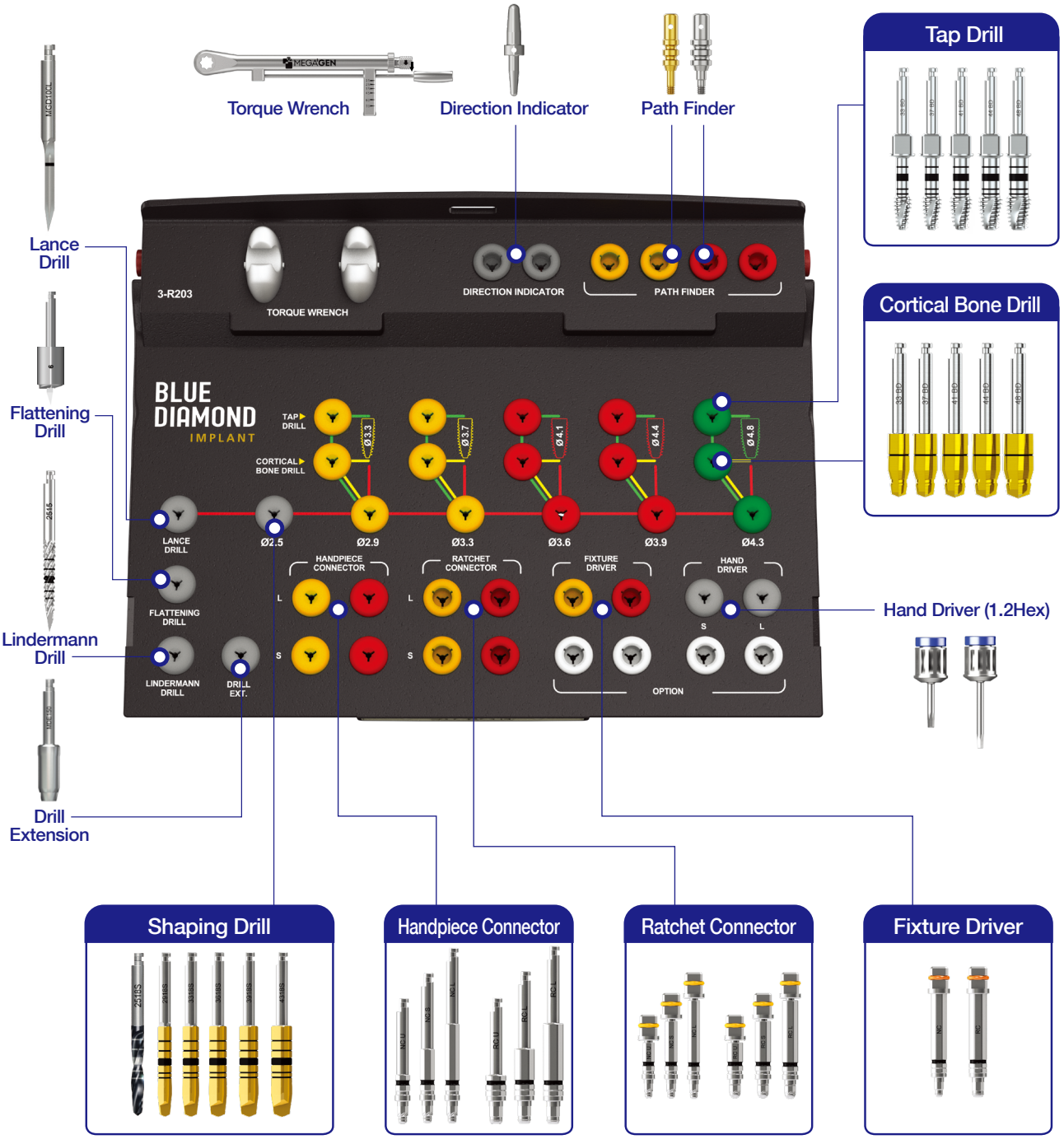
Size	Ref.C
Small	MA402
Regular	MA502



BLUEDIAMOND IMPLANT Kit

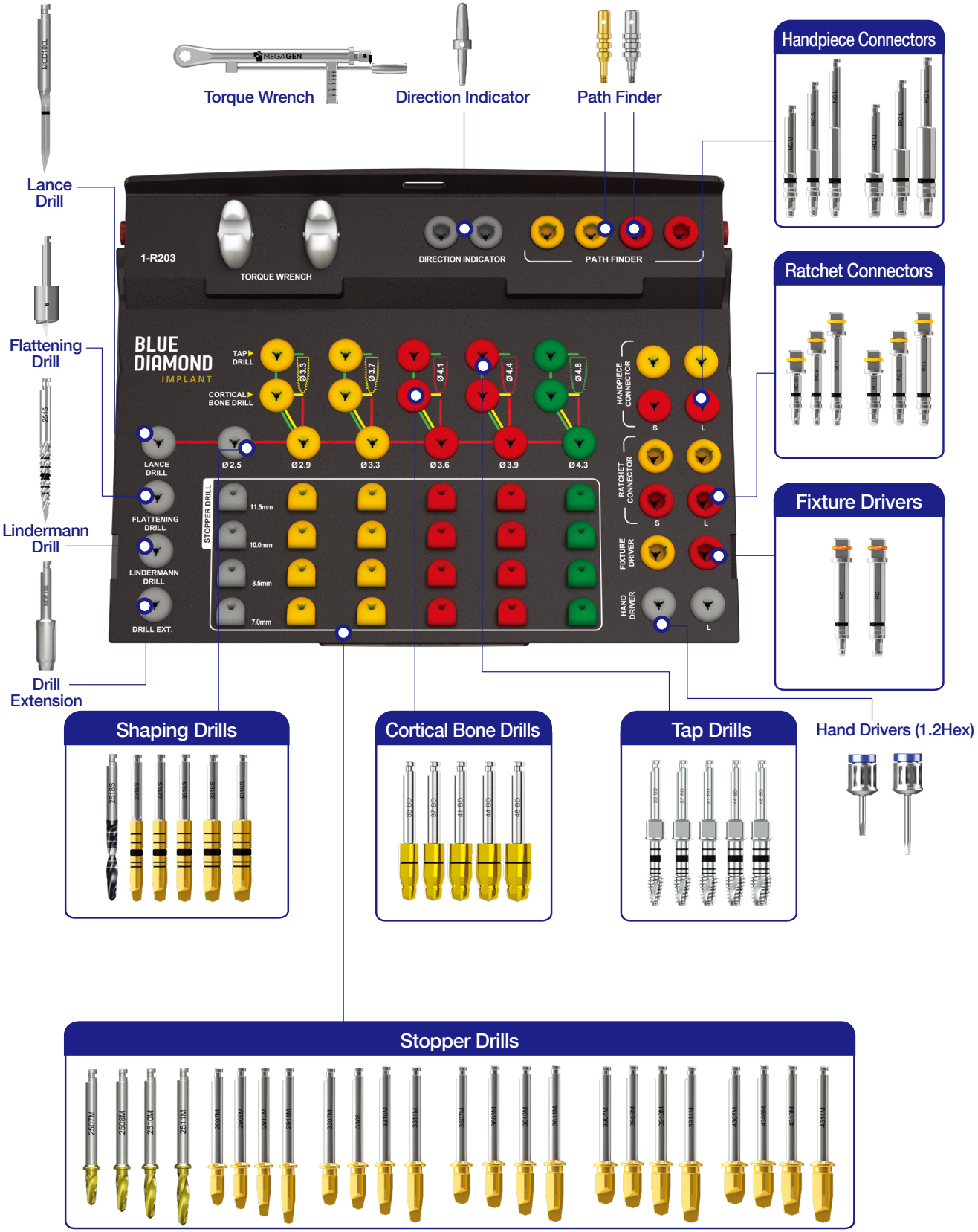
I. Surgical Kit : Standard Type

Ref.C
KARO3003



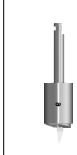
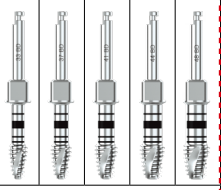
I. Surgical Kit: Full Type

Ref.C
KARO3001



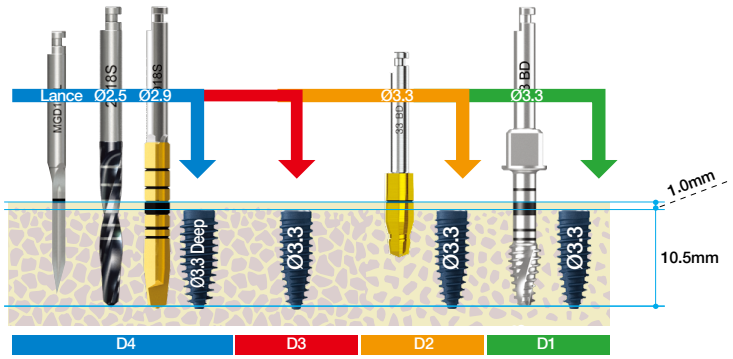
▸▸ Drilling Protocols (Continued)

- BLUEDIAMOND® implants achieve optimum initial stability when used with a guided drilling sequence
- BLUEDIAMOND implants should be placed 1mm sub-crestal
  0.5 ~1mm sub-crestal placement has been proven to show a better crestal bone response

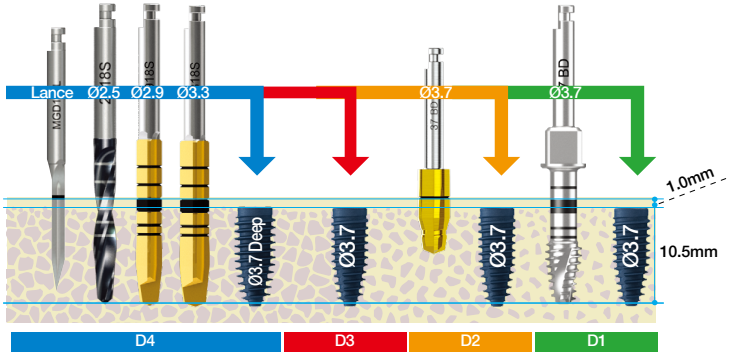
	Flattening Drill	Lance	Shaping Drills						Cortical Bone Drills					Tap Drills					Stopper Drills					
	Ø5.0 / Ø2.0	Ø2.0	Ø2.5	Ø2.9	Ø3.3	Ø3.6	Ø3.9	Ø4.3	Ø3.6	Ø4.0	Ø4.4	Ø4.7	Ø5.0	Ø3.3	Ø3.7	Ø4.1	Ø4.4	Ø4.8	Ø2.5	Ø2.9	Ø3.3	Ø3.6	Ø3.9	Ø4.3
																								
rpm max	400~600	800~1000							300					15					800~1000					

Standard Type | Full Type

Ø3.3 Fixture
Drilling Sequence

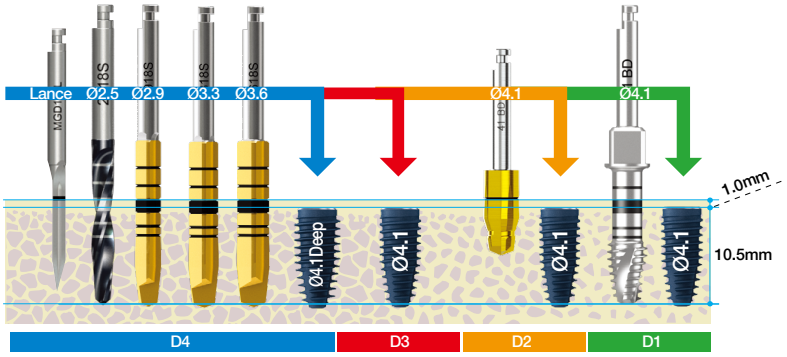


Ø3.7 Fixture
Drilling Sequence

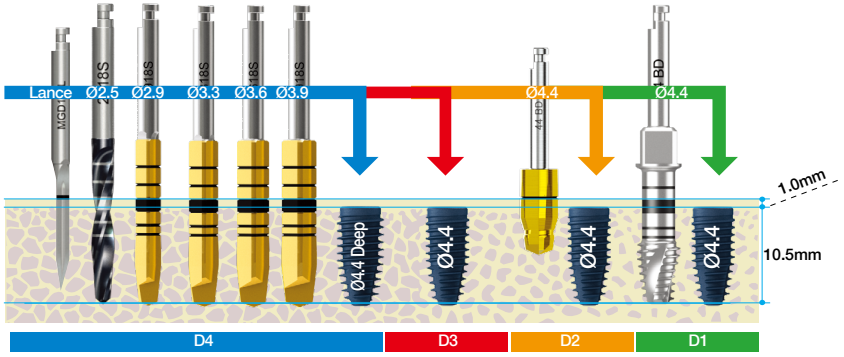


▸▸ Drilling Protocols

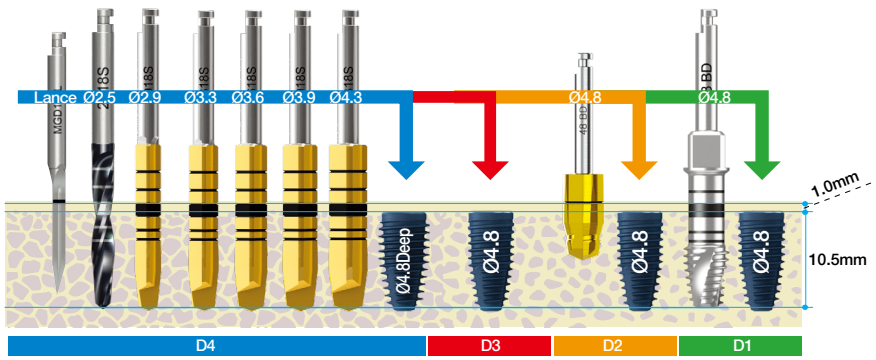
Ø4.1 Fixture
Drilling Sequence



Ø4.4 Fixture
Drilling Sequence



Ø4.8 Fixture
Drilling Sequence



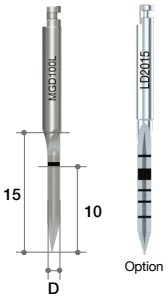
Surgical Kit Component (Continued)

Lance Drill

- Use to make indentation in cortical bone to confirm exact drilling location

Diameter	Type	Ref.C
Ø2.0	Long	MGD100L
	Short	*LD2015
	Long	*LD2025
	Ultra-Long	*LD2030

(*) Separate sales item

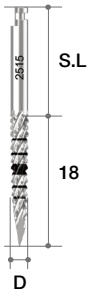


Lindermann Drill

- Use to correct path during drilling

Diameter	Shank Length(mm)	Ref.C
Ø2.5	15 (Short)	LDMD2515
	20 (Middle)	*LDMD2520
	25 (Long)	*LDMD2525

(*) Separate sales item

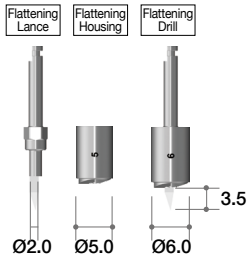


Flattening Drill

- Use to flatten irregular bone & allow exact drilling with stopper drills
- Designed to engage with Flattening Lance & 2 kinds of Housing to match diameters of different final drills (Ø5.0 & Ø6.0)
- Ø5.0 = Stopper Drill Ø2.0 ~ Ø4.3
- Ø6.0 = Stopper Drill Ø4.8 ~ Ø5.4
- Housing boundary becomes indicator for drilling position of next fixture

Diameter	Length(mm)	Ref.C
Ø5.0 / Ø2.0	3.5	FD5020
Ø6.0 / Ø2.0		*FD6020

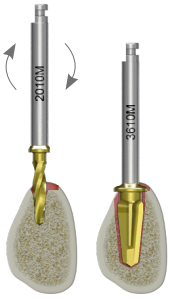
(*) Separate sales item



1

- Flattening Drill ensures correct drilling position for accurate fixture placement
(If final drill diameter is Ø2.0~Ø4.3, use Ø5.0 Housing, if final drill diameter is Ø4.8, Ø5.4, use Ø6 Housing)

2



- Drilling sequence should consider fixture size & bone density

3

- Place fixture using Handpiece & Ratchet Connector

➲ Surgical Kit Component (Continued)

Shaping Drill

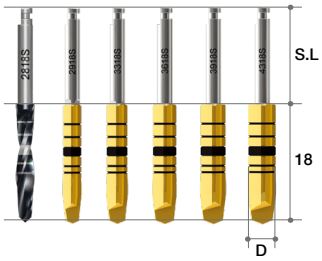
- Each drill has depth markings from 7.0mm to 15.0mm
- Dual marking system (grooves & laser markings) provides visual & radiographic depth verification during surgery
- TiN coating on drills for enhanced corrosion resistance & abrasion resistance

※ Actual drill length does not normally include Y length of drill

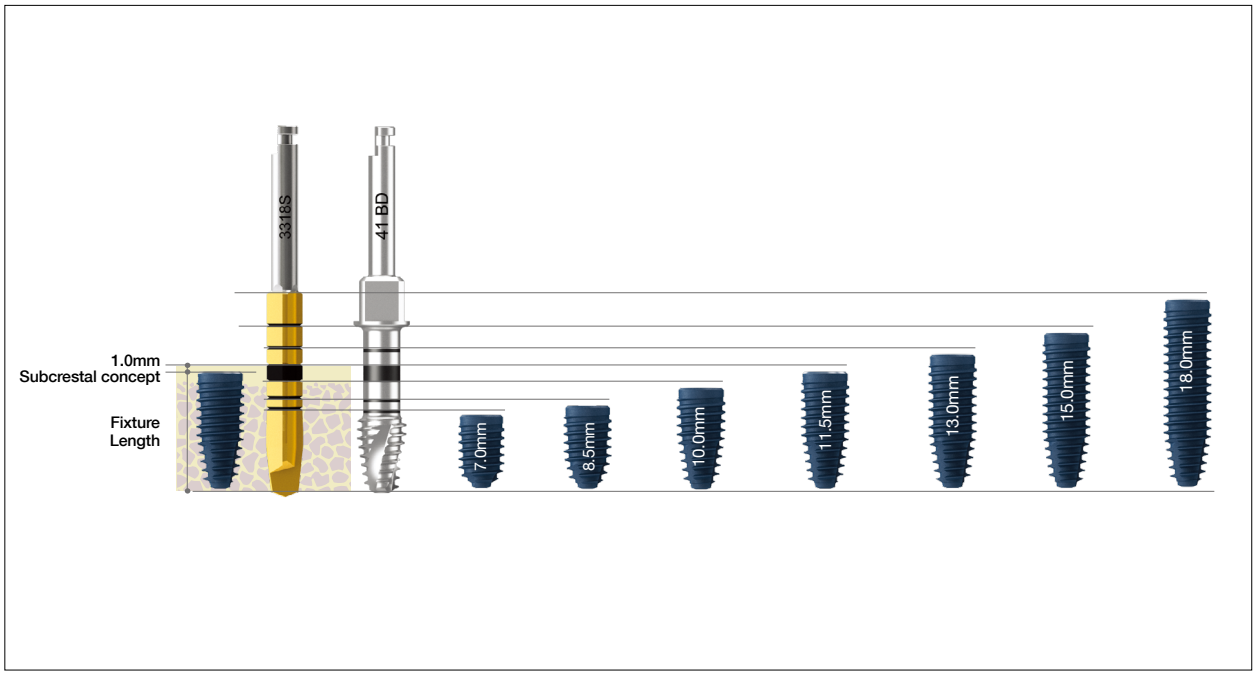
※ Markings on Shaping Drills are 0.8mm longer than fixture, so fixtures will automatically be placed 1mm sub-crestally if drilling protocol is followed

Diameter	Blade Length(mm)	Shank Length(mm)	Ref.C
Ø2.5	18	15(Short)	SD2518S
		25(Long)	*SD2518L
Ø2.9		15(Short)	AROSD2918S
		25(Long)	*AROSD2918L
Ø3.3		15(Short)	AROSD3318S
		25(Long)	*AROSD3318L
Ø3.6		15(Short)	AROSD3618S
		25(Long)	*AROSD3618L
Ø3.9		15(Short)	AROSD3918S
		25(Long)	*AROSD3918L
Ø4.3		15(Short)	AROSD4318S
		25(Long)	*AROSD4318L

(*) Separate sales item

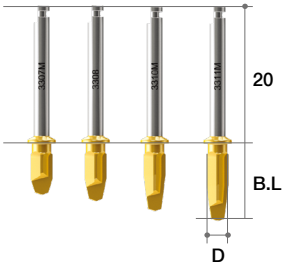


▸▸ Drill Depth Guide



Stopper Drill

- Each diameter has drill lengths of 7.0 / 8.5/ 10 / 11.5mm
- TiN coating on drills for enhanced corrosion resistance & abrasion resistance



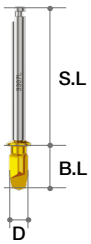
Diameter	Blade Length(mm)	Ref.C
Ø2.5	7.0	SD2507M
	8.5	SD2508M
	10	SD2510M
	11.5	SD2511M
Ø2.9	7.0	AROSD2907M
	8.5	AROSD2908M
	10	AROSD2910M
	11.5	AROSD2911M
Ø3.3	7.0	AROSD3307M
	8.5	AROSD3308M
	10	AROSD3310M
	11.5	AROSD3311M
Ø3.6	7.0	AROSD3607M
	8.5	AROSD3608M
	10	AROSD3610M
	11.5	AROSD3611M
Ø3.9	7.0	AROSD3907M
	8.5	AROSD3908M
	10	AROSD3910M
	11.5	AROSD3911M
Ø4.3	7.0	AROSD4307M
	8.5	AROSD4308M
	10	AROSD4310M
	11.5	AROSD4311M

Stopper Drill

(Long type)

- Use products which has long shanks to avoid interference with adjacent teeth

※ Availability may vary by country



Diameter	Blade Length(mm)	Shank Length(mm)	Ref.C
Ø2.5	7.0	25	*SD2507L
	8.5	24	*SD2508L
Ø2.9	7.0	25	*AROSD2907L
	8.5	24	*AROSD2908L
Ø3.3	7.0	25	*AROSD3307L
	8.5	24	*AROSD3308L
Ø3.6	7.0	25	*AROSD3607L
	8.5	24	*AROSD3608L
Ø3.9	7.0	25	*AROSD3907L
	8.5	24	*AROSD3908L
Ø4.3	7.0	25	*AROSD4307L
	8.5	24	*AROSD4308L

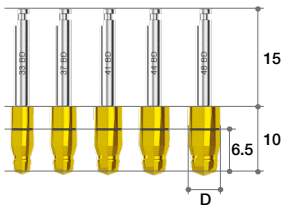
(*) Separate sales item

➲ Surgical Kit Component (Continued)

Cortical Bone Drill

- Use to remove & shape cortical bone to control initial stability in dense bone (type II)
- TiN coating on drills for enhanced corrosion resistance & abrasion resistance

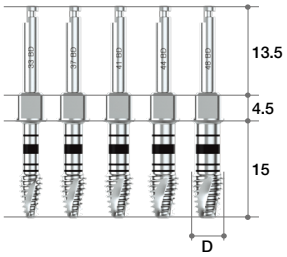
Diameter	Blade Length(mm)	Shank Length(mm)	Ref.C
Ø3.6	10	15	AROCD33
Ø4.0			AROCD37
Ø4.4			AROCD41
Ø4.7			AROCD44
Ø5.0			AROCD48



Tap Drill

- Can be used with both Handpiece (dental implant engine) & Ratchet Wrench

Diameter	Marking	Ref.C
Ø3.6	7/ 8.5/ 10/ 11.5/ 13/ 15	AROTD33
Ø4.0		AROTD37
Ø4.4		AROTD41
Ø4.7		AROTD44
Ø5.0		AROTD48

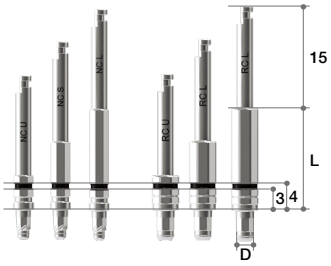


Handpiece Connector

- Use with Handpiece when removing fixture from ampule & placing fixture
- Spring-type connection allows easy & secure pick-up & positioning of fixture
- First mark on shaft indicates position of fixture platform
- Bottom & top of black line indicate 3mm & 4mm from fixture platform, respectively
- Especially useful in flapless surgery

Length (mm)	Type	Connection	Ref.C
5	Ultra-short	NC	*AROHCU21
10	Short		AROHCS21
15	Long		AROHCL21
5	Ultra-short	RC	*AROHCU25
10	Short		AROHCS25
15	Long		AROHCL25

(*) Separate sales item

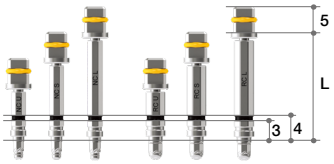


Ratchet Connector

- Use with Ratchet Wrench when inserting or removing fixture
- Make sure Ratchet Connector is securely seated in Ratchet Wrench before using
- Excessive force can cause damage to internal Octa of fixture
- Marks on shaft indicate position of fixture platform
- Bottom & top of black line indicate 3mm & 4mm from fixture platform, respectively
- Especially useful in flapless surgery
- Fracture of the neck when a torque of 190 Ncm or more is applied (Recommended to use 80 Ncm or less)

Length (mm)	Type	Connection	Ref.C
5	Ultra-short	NC	*ARORCU21
10	Short	NC	ARORCS21
15	Long	NC	ARORCL21
5	Ultra-short	RC	*ARORCU25
10	Short	RC	ARORCS25
15	Long	RC	ARORCL25

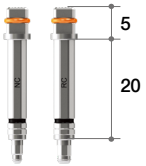
(*) Separate sales item



Fixture Driver

- If Ratchet Connector breaks from over-torquing during placement, connect Fixture Driver to Torque Wrench (Ratchet type) to remove fixture
- Excessive force can cause damage to internal Octa of fixture

Length (mm)	Connection	Ref.C
20	NC	AROFDN
	RC	AROFDR

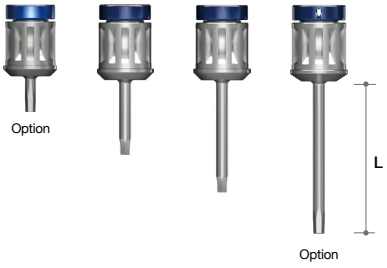


Hand Driver (1.2 Hex)

- For use with all Cover Screws, Abutment Screws & Healing Abutments
- 4 lengths available
- Directly insert into Torque Wrench without adapter
- Hex tip can withstand 35-45Ncm of torque without distorting

Length(mm)	Type	Ref.C
5	Ultra-short	*TCMHDU1200
10	Short	TCMHDS1200
15	Long	TCMHDL1200
20	Extra-long	*TCMHDE1200

(*) Separate sales item



Drill Extension

- For extending drills & other handpiece tools
- Up to 45Ncm torque: can be distorted when too much force is applied

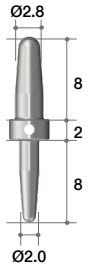
Ref.C
MDE150

➲ Surgical Kit Components

Direction Indicator

- Confirms drilling direction & functions as parallel guide for additional osteotomies
- Each end of Direction Indicator has different diameter - Ø2.0 & Ø2.8.

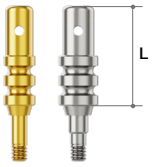
Length (mm)	Ref.C
Ø2.0 / Ø2.8	MDI100



Path Finder

- Use to guide parallel placement of subsequent fixtures
- Grooves measure gingival depth, especially useful for flapless surgery

Length(mm)	Type	Ref.C
10	NC	AROPFN
	RC	AROPFR

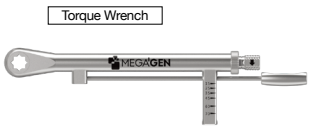


Torque Wrench

(Ratchet type)

- Torque range: 15Ncm to 70Ncm
- Use for implant placement & final tightening of abutment screw

Type	Ref.C
Torque Wrench	TWSQ70

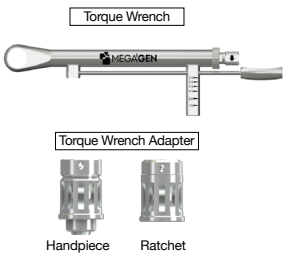


Torque Wrench & Adapter

- Torque range: 15Ncm to 70Ncm
- Use for implant placement & final tightening of abutment screw

Type	Ref.C
Torque Wrench (~70Ncm)	*TW70
Torque Wrench (~45Ncm)	*MTW300A
Torque Wrench Adapter (Handpiece)	*TTAI100
Torque Wrench Adapter (Ratchet)	*TTAR100

(*) Separate sales item

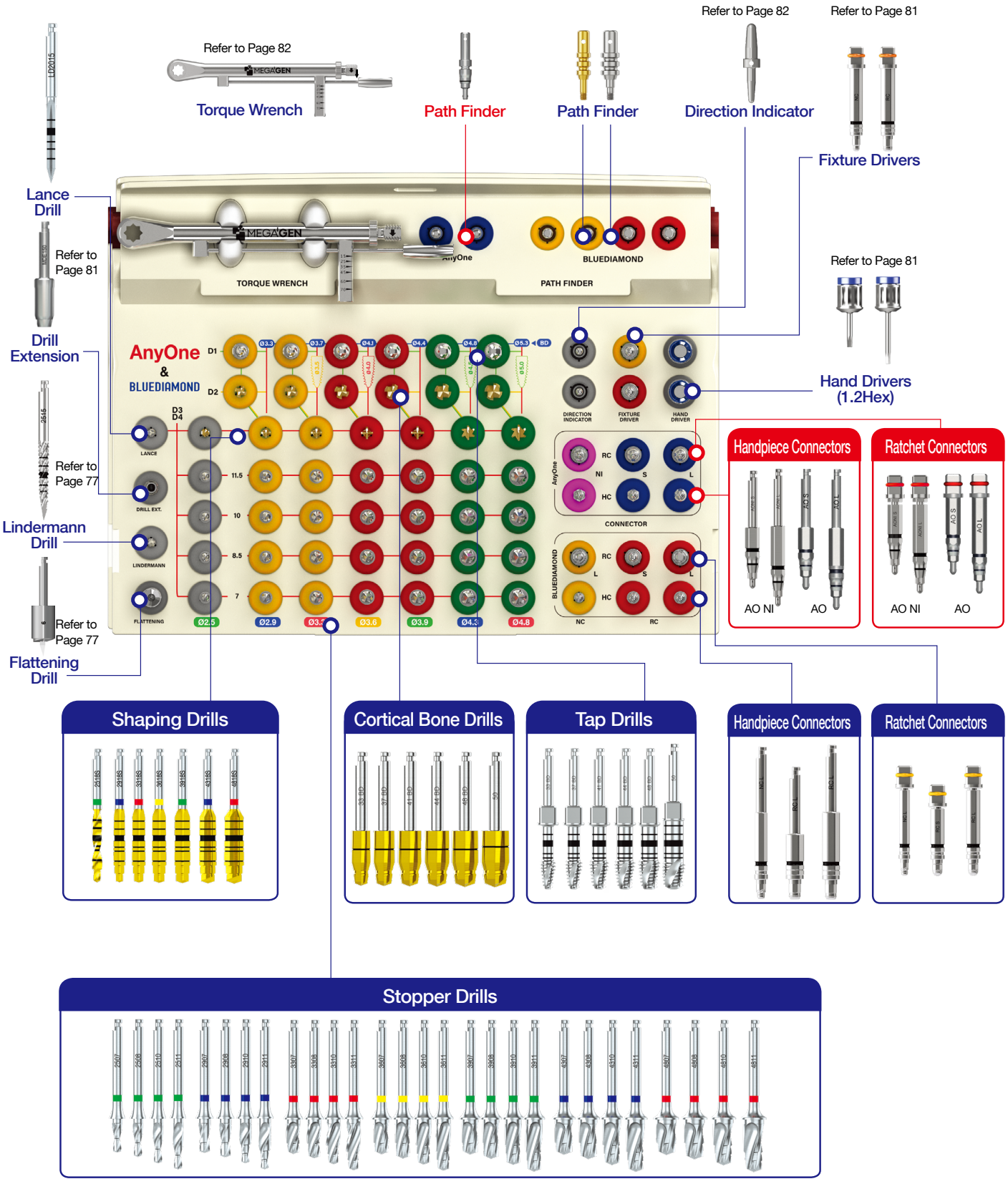


II. Duo Surgical Kit : AnyOne Type

※ Availability may vary by country

Ref.C

KBDAO3000

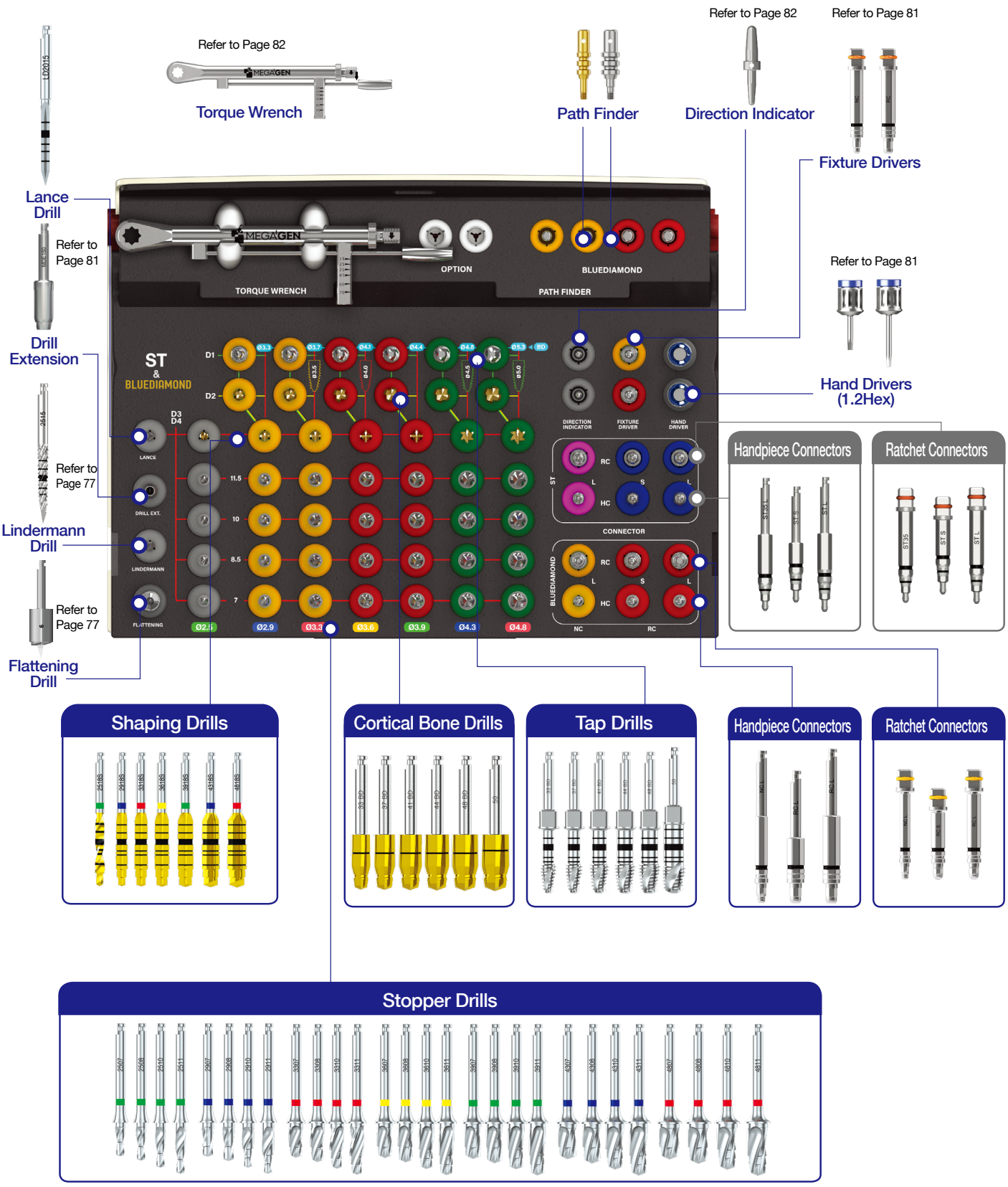


II. Duo Surgical Kit : ST Type

※ Availability may vary by country

Ref.C

KBDST3000

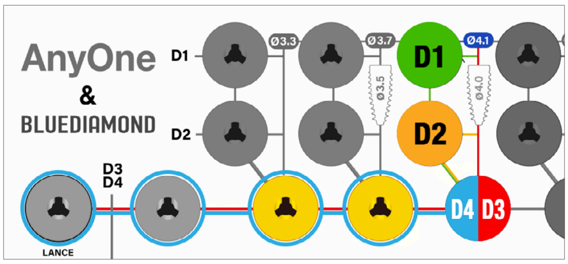


Drilling Protocols (Continued)

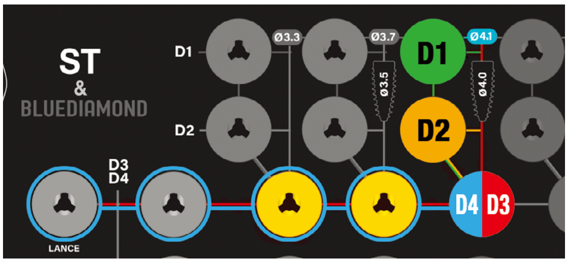
- BLUEDIAMOND® implants achieve optimum initial stability when used with a guided drilling sequence
- BLUEDIAMOND implants should be placed 1mm sub-crestal
  0.5 ~1mm sub-crestal placement has been proven to show a better crestal bone response

	Flattening Drill	Lance	Shaping Drills							Cortical Bone Drills					Tap Drills					Stopper Drills						
	Ø5.0 / Ø2.0	Ø2.0	Ø2.5	Ø2.9	Ø3.3	Ø3.6	Ø3.9	Ø4.3	Ø4.8	Ø3.6	Ø4.0	Ø4.4	Ø4.7	Ø5.0	Ø3.3	Ø3.7	Ø4.1	Ø4.4	Ø4.8	Ø2.5	Ø2.9	Ø3.3	Ø3.6	Ø3.9	Ø4.3	Ø4.8
																										
rpm max	400~600	800~1000								300					15					800~1000						

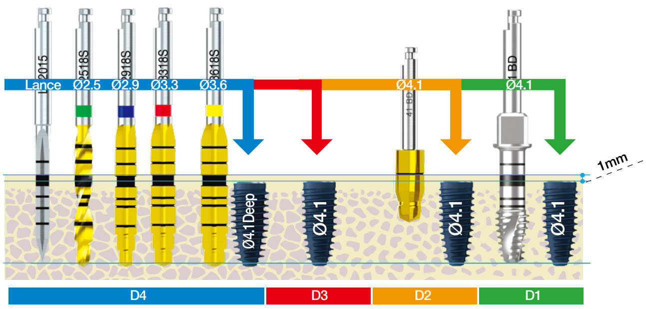
AnyOne Type



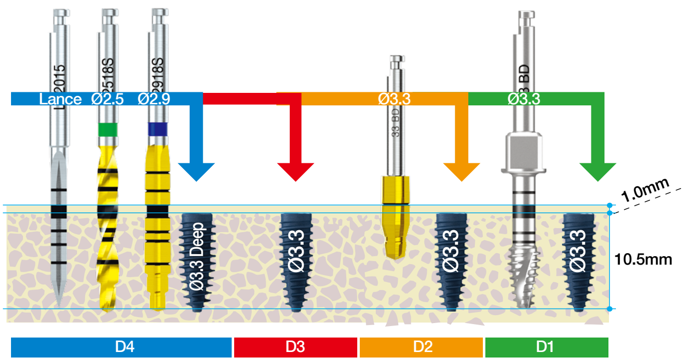
ST Type



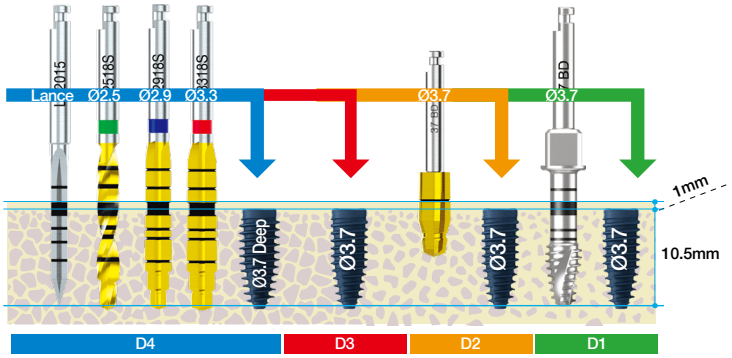
Ex) Drilling sequences when placing Ø4.1 fixture with regular thread or deep thread



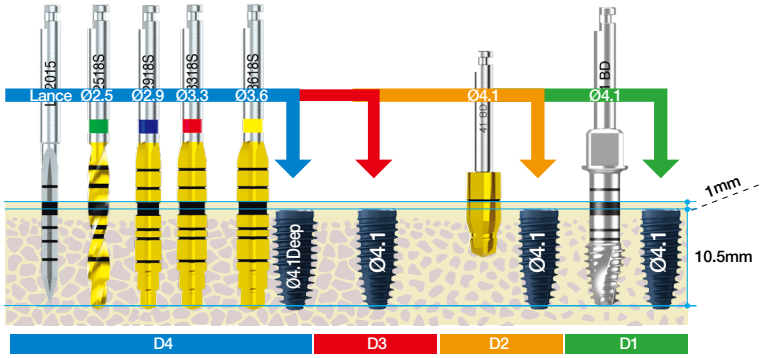
Ø3.3 Fixture
Drilling Sequence



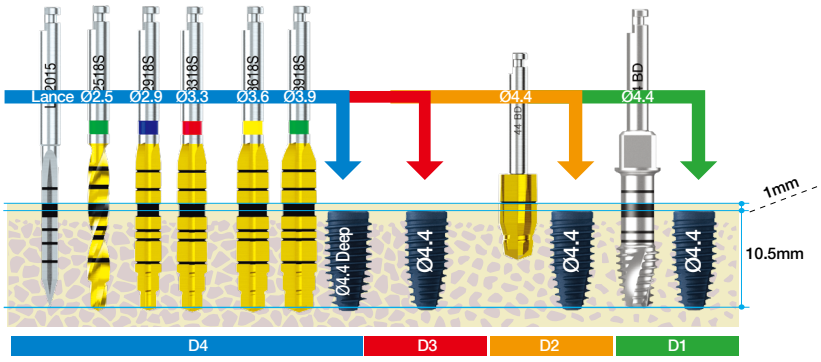
Ø3.7 Fixture
Drilling Sequence



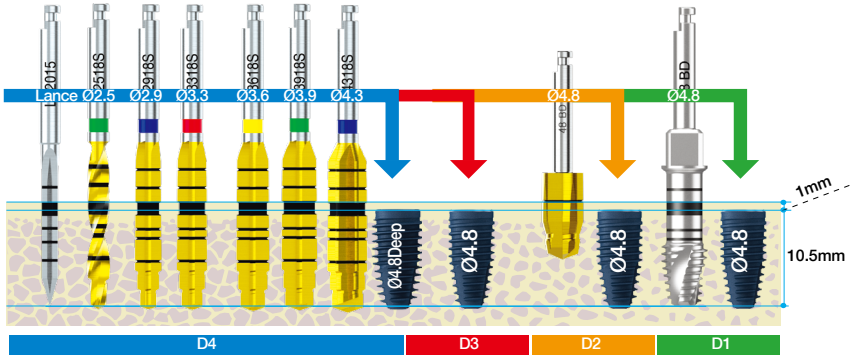
Ø4.1 Fixture
Drilling Sequence



Ø4.4 Fixture
Drilling Sequence



Ø4.8 Fixture
Drilling Sequence



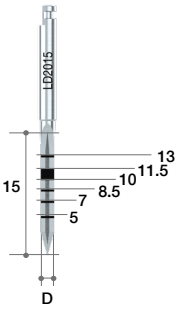
➲ Duo Kit Component (Continued)

Lance Drill

- Use to make indentation in cortical bone to confirm exact drilling location
- Each drill has depth markings from 5.0mm to 13.0mm

Diameter	Type	Ref.C
Ø2.0	Short	LD2015
	Long	*LD2025
	Ultra-Long	*LD2030

(*) Separate sales item



Shaping Drill

- Each drill has depth markings from 5.0mm to 15.0mm
- Dual marking system (grooves & laser markings)provides visual & radiographic depth verificationduring surgery
- TiN coating on drills for enhanced corrosion resistance & abrasion resistance

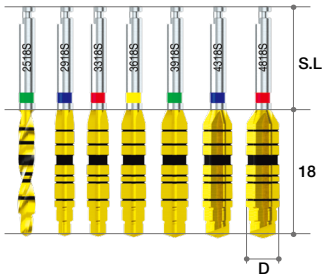
※ Actual drill length does not normally include Y length of drill

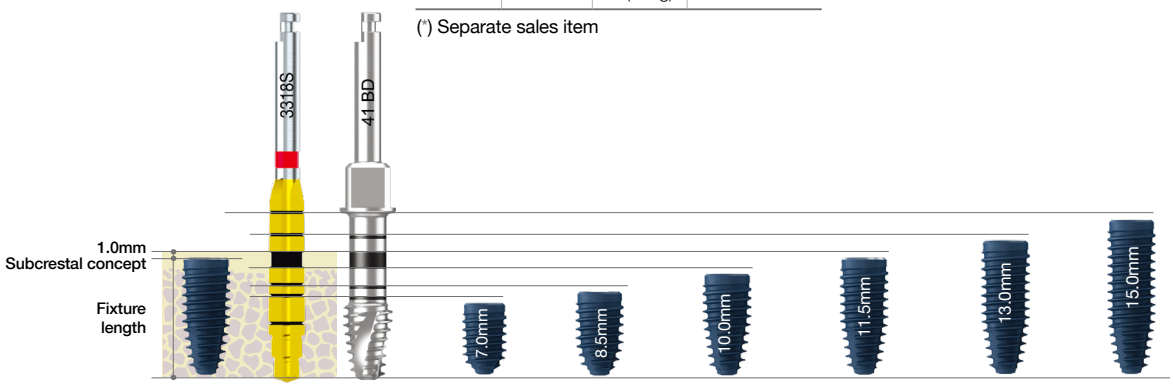
※ Markings on Shaping Drills are 0.8mm longer than fixture, so fixtures will automatically be placed 1mm sub-crestally if drilling protocol is followed

※ Availability may vary by country

Diameter	Blade Length(mm)	Shank Length(mm)	Ref.C
Ø2.5	18	15(Short)	CMSD2518S
		20(Middle)	*CMSD2518M
		25(Long)	*CMSD2518L
Ø2.9		15(Short)	CMSD2918S
		20(Middle)	*CMSD2918M
		25(Long)	*CMSD2918L
Ø3.3		15(Short)	CMSD3318S
		20(Middle)	*CMSD3318M
		25(Long)	*CMSD3318L
Ø3.6		15(Short)	CMSD3618S
		20(Middle)	*CMSD36518M
		25(Long)	*CMSD3618L
Ø3.9		15(Short)	CMSD3918S
		20(Middle)	*CMSD3918M
		25(Long)	*CMSD3918L
Ø4.3		15(Short)	CMSD4318S
		20(Middle)	*CMSD4318M
		25(Long)	*CMSD4318L
Ø4.8		15(Short)	CMSD4818S
		20(Middle)	*CMSD4818M
		25(Long)	*CMSD4818L

(*) Separate sales item



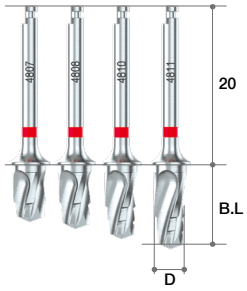


➲ Duo Kit Component

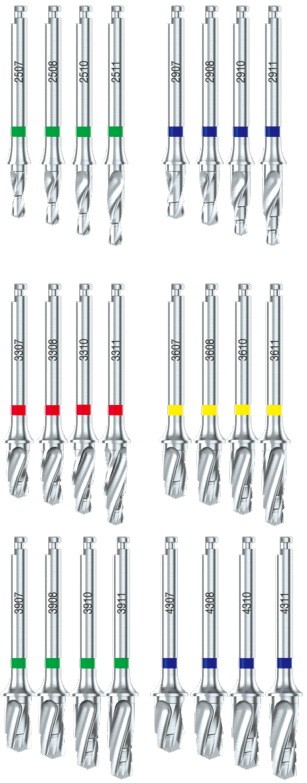
Stopper Drill

- 7.5 / 8.5/ 10 / 11.5mm

※ Availability may vary by country



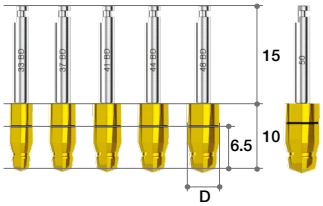
Diameter	Blade Length(mm)	Ref.C
Ø2.5	7.5	CMSD2507
	8.5	CMSD2508
	10	CMSD2510
	11.5	CMSD2511
Ø2.9	7.5	CMSD2907
	8.5	CMSD2908
	10	CMSD2910
	11.5	CMSD2911
Ø3.3	7.5	CMSD3307
	8.5	CMSD3308
	10	CMSD3310
	11.5	CMSD3311
Ø3.6	7.5	CMSD3607
	8.5	CMSD3608
	10	CMSD3610
	11.5	CMSD3611
Ø3.9	7.5	CMSD3907
	8.5	CMSD3908
	10	CMSD3910
	11.5	CMSD3911
Ø4.3	7.5	CMSD4307
	8.5	CMSD4308
	10	CMSD4310
	11.5	CMSD4311
Ø4.8	7.5	CMSD4807
	8.5	CMSD4808
	10	CMSD4810
	11.5	CMSD4811



Cortical Bone Drill

- Use to remove & shape cortical bone to control initial stability in dense bone (type I, type II)
- TiN coating on drills for enhanced corrosion resistance & abrasion resistance

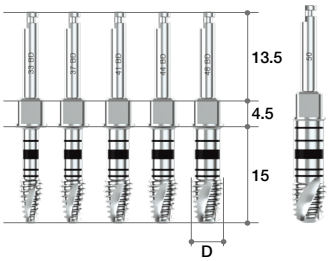
Diameter	Blade Length(mm)	Shank Length(mm)	Ref.C
Ø3.6	10	15	AROCD33
Ø4.0			AROCD37
Ø4.4			AROCD41
Ø4.7			AROCD44
Ø5.0			AROCD48
Ø5.3			AOCD50



Tap Drill

- Can be used with both Handpiece (dental implant engine) & Ratchet Wrench

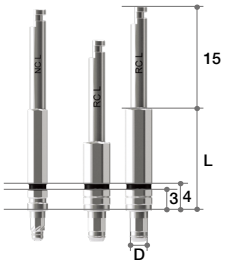
Diameter	Marking	Ref.C
Ø3.3	7.5/ 8.5/ 10/ 11.5/ 13	AROTD33
Ø3.7		AROTD37
Ø4.1		AROTD41
Ø4.4		AROTD44
Ø4.8		AROTD48
Ø5.3		TD50



Handpiece Connector

- Use with Handpiece when removing fixture from ampule & placing fixture
- Spring-type connection allows easy & secure pickup & positioning of fixture
- First mark on shaft indicates position of fixture platform
- Bottom & top of black line indicate 3mm & 4mm from fixture platform, respectively
- Especially useful in flapless surgery

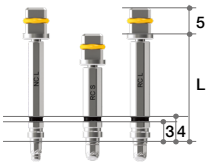
Length (mm)	Type	Connection	Ref.C
15	Long	NC	AROHCL21
10	Short	RC	AROHCS25
15	Long		AROHCL25



Ratchet Connector

- Use with Ratchet Wrench when inserting or removing fixture
- Make sure Ratchet Connector is securely seated in Ratchet Wrench before using
- Excessive force can cause damage to internal Octa of fixture
- Marks on shaft indicate position of fixture platform
- Bottom & top of black line indicate 3mm & 4mm from fixture platform, respectively
- Especially useful in flapless surgery
- Fracture of the neck when a torque of 190 Ncm or more is applied (Recommended to use 80 Ncm or less)

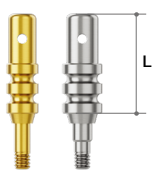
Length (mm)	Type	Connection	Ref.C
15	Long	NC	ARORCL21
10	Short	RC	ARORCS25
15	Long		ARORCL25



Path Finder

- Use to guide parallel placement of subsequent fixtures
- Grooves measure gingival depth, especially useful for flapless surgery

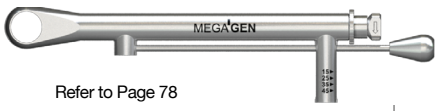
Length(mm)	Type	Ref.C
10	NC	AROPFN
	RC	AROPFR



III. Prosthetic Kit

Includes various drivers required for prosthetics

Ref.C
KANPK3000

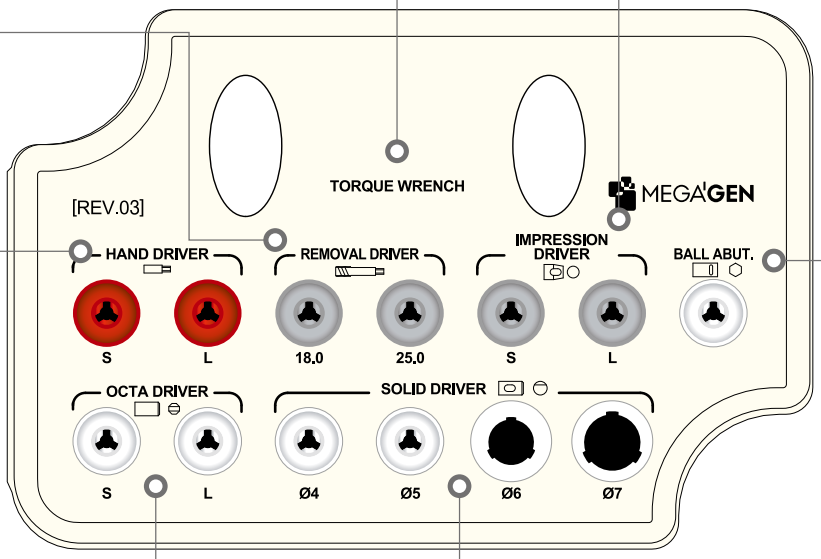


Refer to Page 78

Ratchet

Abutment Removal Driver

Transfer Impression Coping Drivers



Ball Driver

Hand Drivers

Refer to Page 81

Octa Drivers

Solid Drivers

➲ Prosthetic kit Component

Solid Driver

- For delivering solid abutment
- Color coded: Ø4-magenta, Ø5-blue, Ø6-yellow, Ø7-green
- Heights: 8.5 & 13.5mm
- Directly connectable to Torque Wrench

Solid Abutment Profile Diameter	Length(mm)	Ref.C
Ø4	8.5	TANSDS400
	13.5	*TANSDL400
Ø5	8.5	TANSDS500
	13.5	*TANSDL500
Ø6	8.5	TANSDS600
	13.5	*TANSDL600
Ø7	8.5	TANSDS700
	13.5	*TANSDL700

(*) Separate sales item

Octa Driver

- For seating Octa Abutment into fixture
- Can also be connected to Torque Wrench

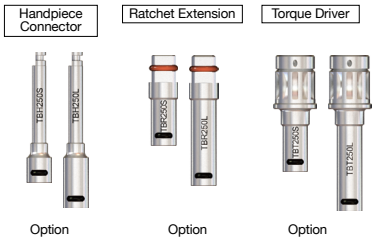
Length(mm)	Ref.C
7	MOD300S
13	MOD300L

Ball Driver

- For seating Ball Abutment into fixture
- Connections for Handpiece, Ratchet & Torque Wrench
- Available as long or short

Type	Ref.C
Handpiece Connector(Short)	*TBH250S
Handpiece Connector(Long)	*TBH250L
Ratchet Extension(Short)	*TBR250S
Ratchet Extension(Long)	*TBR250L
Torque Driver(Short)	*TBT250S
Torque Driver(Long)	TBT250L

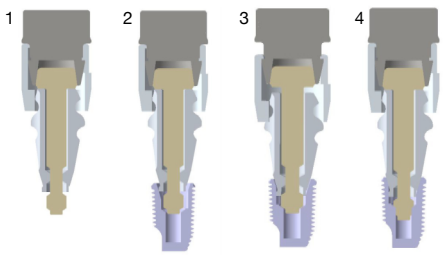
(*) Separate sales item



Impression Coping Driver (Transfer)

- For transfer-type impression coping
- Small yet powerful grip

Type	Ref.C
For two-piece impression coping	TCMID
For one-piece impression coping	TCMIDE



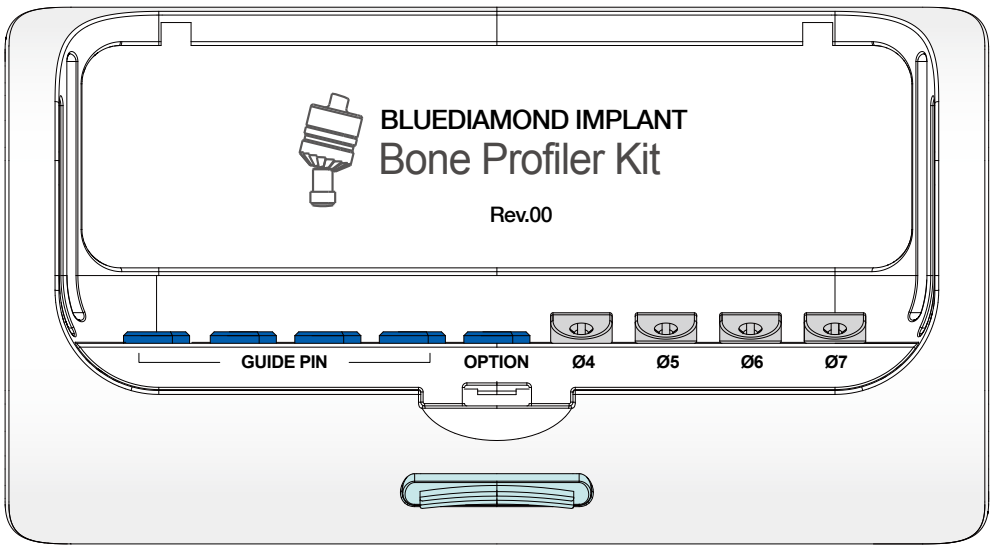
1. Connect Impression Coping & Impression Driver
2. Adjust connection with fixture by turning Holder clockwise
3. Push Holder & insert Impression Coping into fixture.
4. Turn Driver clockwise to ensure connection of Impression Coping & Fixture.

IV. Bone Profiler Kit

Removes overhanging bone around fixture to allow adequate seating of Healing Abutment or Prosthetic Abutment

Ref.C
KAROBP3000

- Insert guide pin into fixture & select appropriate Bone Profiler
- Kit includes 4 sizes of bone profiler & 4 guide pins

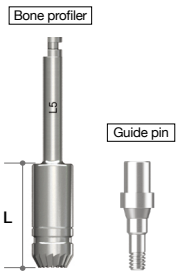


Bone Profiler

- Guide pin (AROBPGP) included

- Each bone profiler can be purchased separately, as refill
- Each package includes bone profiler & guide pin

Profile Diameter	Length (mm)	Ref.C
Ø4	13	AROBPL40G
Ø5		AROBPL50G
Ø6	8	AROBPS60G
Ø7		AROBPS70G



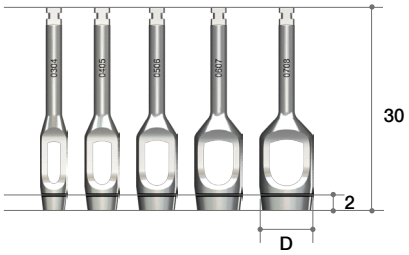
V. Optional Component (continued)

- not included in surgical kit
- may be purchased separately & placed in spaces provided in surgical kit

Tissue Punches

- For removing soft tissue from osteotomy socket, especially useful in flapless surgery
- Identify soft tissue thickness using laser marking at 2mm
- Minimizes loss of soft tissue in flapless surgery
- Can stop bleeding when used with healing abutmen

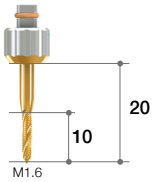
Diameter	Marking	Ref.C
In. Ø2.1 / Out. Ø2.6	2mm	TCMTPM2535
In. Ø3 / Out. Ø4		TCMTPM0304
In. Ø4 / Out. Ø5		TCMTPM0405
In. Ø5 / Out. Ø6		TCMTPM0506
In. Ø6 / Out. Ø7		TCMTPM0607
In. Ø7 / Out. Ø8		TCMTPM0708



Hand Tap

- Useful when internal screw of fixture has been damaged
- For re-tapping disabled thread
- Caution: use of excessive force can cause further damage, so apply force slowly & gradually

Length(mm)	Type	Ref.C
10	M1.6	THT160L



Ratchet Wrench

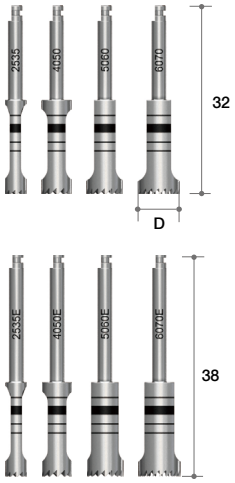
- Used to exert more force than Handpiece
- No bearing system: no breakage or corrosion problems
- Attaches to Ratchet Extension
- Arrow laser marking indicates direction of force

Ref.C
MRW040S

Trephine Burs

- Use to minimize drilling steps, especially for wider fixtures
- Helpful for collecting autogenous bone
- Useful for removing failed & fractured fixtures
- Depth markings are 7, 8.5, 10, 11.5, 13mm, same as fixture depths (no Y dimension, so markings are actual length)
- Markings on drill shaft represent inside / outside diameter of Trephine Burs

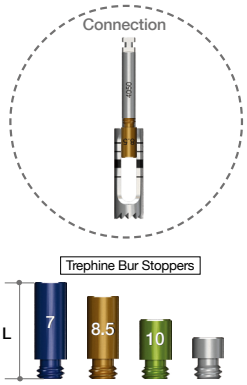
Diameter	Type	Ref.C
Ø3.5 (in Ø2.5)	Short (32mm)	TANTBL2535
Ø5.0 (in Ø4.0)		TANTBL4050
Ø6.0 (in Ø5.0)		TANTBL5060
Ø7.0 (in Ø6.0)		TANTBL6070
Ø3.5 (in Ø2.5)	Long (38mm)	TANTBE2535
Ø5.0 (in Ø4.0)		TANTBE4050
Ø6.0 (in Ø5.0)		TANTBE5060
Ø7.0 (in Ø6.0)		TANTBE6070



Trephine Bur Stopper

- Controls depth of trephination
- Especially useful in cases with limited available bone

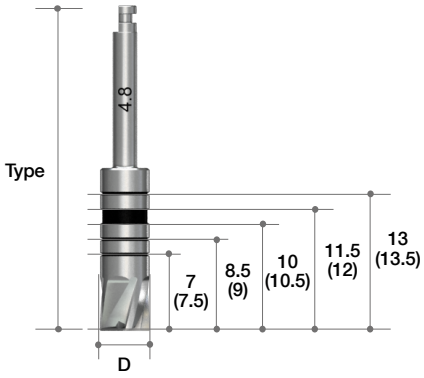
Type	Ref.C
7.0	TANTSF2307
8.5	TANTSF2308
10.0	TANTSF2310
11.5	TANTSF2311



Bottom Drill

- Removes remaining bone in osteotomy socket after trephine drilling
- Laser markings of fixture sizes: 7, 8.5, 10, 11.5 & 13mm

Diameter	Type	Ref.C
Ø3.3	Short (32mm)	TCMBDS33
Ø3.8		TCMBDS38
Ø4.8		TCMBDS48
Ø5.8		TCMBDS58
Ø6.8		TCMBDS68
Ø3.3	Long (38mm)	TCMBDL33
Ø3.8		TCMBDL38
Ø4.8		TCMBDL48
Ø5.8		TCMBDL58
Ø6.8		TCMBDL68

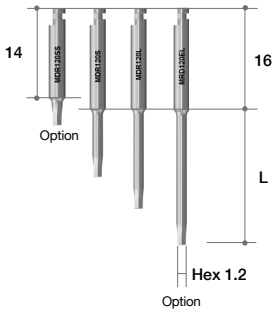


Right Angle Drivers (1.2 HEX)

- For engaging with cover screws, abutment screws & healing abutments
- Hex tip designed to withstand torque force of 35~45 Ncm

Length(mm)	Type	Ref.C
4	Ultra-short	*MDR120SS
10	Short	MDR120S
15	Long	MDR120L
20	Extra Long	*MDR120EL

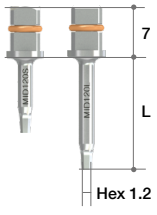
(*) Separate sales item



Insert Drivers (1.2 HEX)

- For engaging with cover screws, abutment screws & healing abutments
- Hex tip designed to withstand torque force of 35~45 Ncm

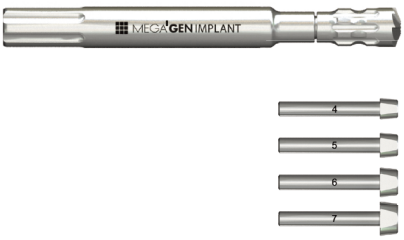
Length(mm)	Type	Ref.C
10	Short	MID120S
15	Long	MID120L



Reamer Drill & Center Pin

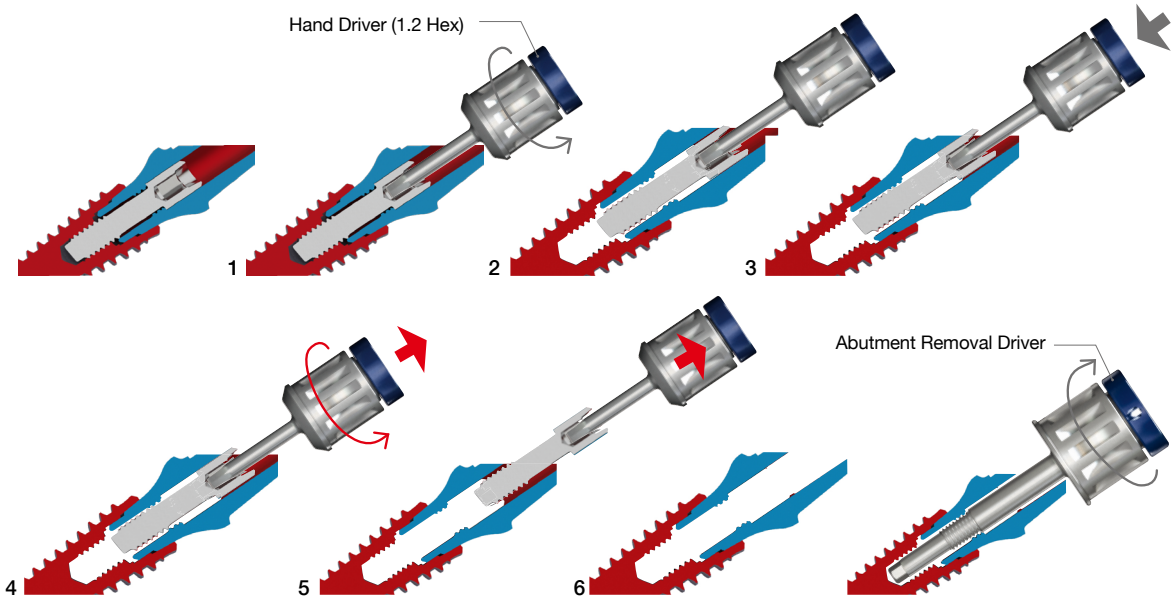
- For removing inner lip of cast after casting burn-out cylinders of solid abutment
- Center pins have 4 diameters according to profile diameter of solid abutment

Diameter	Type	Ref.C
Ø10.0	Reamer Drill	TANRD
Ø4.0	Center Pin	TANRDJ40
Ø4.5		TANRDJ50
Ø5.5		TANRDJ60
Ø6.5		TANRDJ70

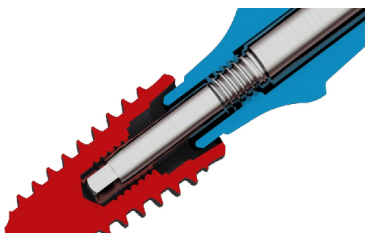


Removal Driver

Length(mm)	Type	Ref.C
21	M1.6	ARORDS16



1. Use Hand Driver(1.2 Hex) to unscrew abutment screw
2. Continue to turn counter-clockwise until feeling click of disengagement
3. Push down Hand Driver once again to catch & fix abutment screw
4. Lift up Hand Driver lightly & continue to turn counter-clockwise until abutment screw engages with inner screw of abutment
5. Remove abutment screw completely from abutment
6. Insert Abutment Removal Driver & continue to turn clockwise until abutment comes out of fixture. Despite initial resistance, only simple force is needed to disconnect abutment from fixture



Digital Dentistry
I. MegaGen Digital WorkFlow

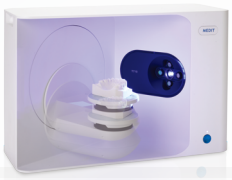
Digital Equipment

CBCT

MEDIT i-series intra oral scanner

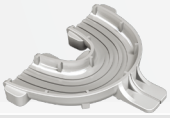
3D Imaging

N2 Unit Chair



T-scanner (model)

Materials



R2 TRAY

Scan Abutment

Important for Dentists

Tx. planning & Design

Digital Cad Design

In-lab Equipment

R2GATE® Premium

R2CAD

MEG-Printer IIQ

BX5 Plus

X5

Surgical KIT

R2 Package

Resin

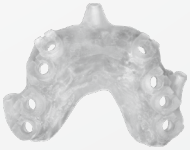
PMMA Abutment

TiGEN Abutment

Blocks

Blocks

R2 Guided Surgery
& ONE-DAY Implant™



R2 Guide™

R2 Guide™

Zr. Custom

Temporary Crown

Abutment-integrated semi-crown

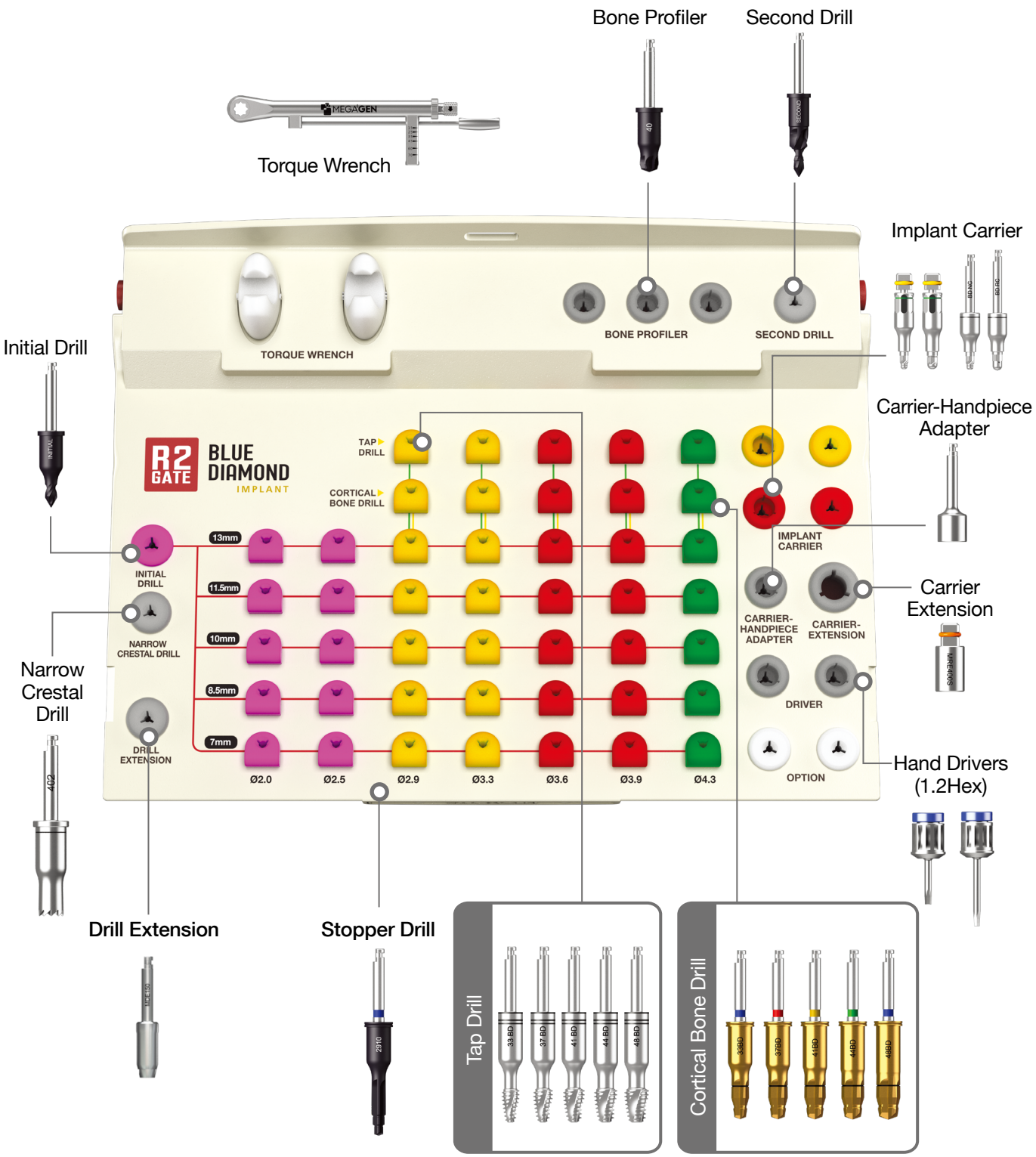
Ti-Custom

Final Crown

II. R2 Full Surgical KIT

Ref.C
KAGIN3002

Contains all drills & components required for Digital Guided Surgery using BLUE-DIAMOND R2 GUIDE following diagnosis using R2GATE Software
Minimally invasive surgery can achieve same results, while minimizing surgical errors

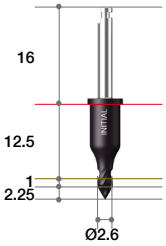


Component for BLUEDIAMOND R2 GUIDE Kit

Initial Drill

- Use for marking drilling position on bone
- Start drilling slowly after drill guide part is fully inserted into drilling core of R2GATE GUIDE™.
- Recommended drilling speed: 300 ~ 800 RPM with copious irrigation

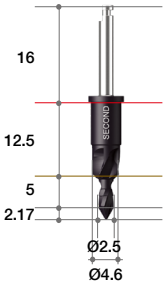
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø2.6	Ø5.0	1.0	R2ID2601



Second Drill

- Unique step – drilling (from Ø2.0 to Ø4.6) is used to flare out upper cortical bone of osteotomy
- This helps with rest of drilling procedure & abutment connection
- With hard bone, if 2nd drilling is disturbed by thick cortical bone, stop & try again before fixture placement
- Recommended drilling speed: 300 ~ 800 RPM with copious irrigation

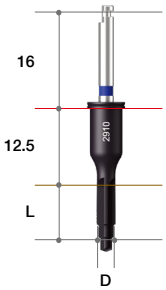
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø2.5	Ø5.0	5.0	R2SD2505



Stopper Drill

- Drill lengths: 7.0, 8.5, 10, 11.5,13mm appropriate for most implant lengths
- Recommended drilling speed: 800 ~ 1200 RPM with copious irrigation.

Diameter	Guide Diameter	Length(mm)	Ref.C
Ø2.0	Ø5.0	6.5	R2SD2007
		8	R2SD2008
		9.5	R2SD2010
		11	R2SD2011
		12.5	R2SD2013
Ø2.5		6.5	R2SD2507
		8	R2SD2508
		9.5	R2SD2510
		11	R2SD2511
		12.5	R2SD2513
Ø2.9		7	R2UD2907
		8	R2UD2908
		9.5	R2UD2910
		11	R2UD2911
		12.5	R2UD2913
Ø3.3		7	R2UD3307
		8	R2UD3308
		9.5	R2UD3310
		11	R2UD3311
		12.5	R2UD3313
Ø3.6		7	R2UD3607
		8	R2UD3608
		9.5	R2UD3610
		11	R2UD3611
		12.5	R2UD3613
Ø3.9		7	R2UD3907
		8	R2UD3908
		9.5	R2UD3910
		11	R2UD3911
		12.5	R2UD3913
Ø4.3		7	R2UD4307
		8	R2UD4308
		9.5	R2UD4310
		11	R2UD4311
		12.5	R2UD4313



Bone Profiler

- Recommended drilling speed: 300 ~ 800 RPM

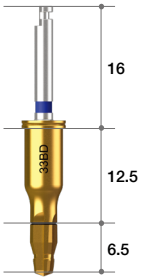
Diameter	Guide Diameter	Ref.C
Ø4.0	Ø5.0	AGBP40
Ø5.0		AGBP50
Ø6.0	Ø6.5	AGBP60

Component for BLUEDIAMOND R2 GUIDE Kit

Cortical Bone Drill

- Recommended drilling speed : 300 ~ 800 RPM

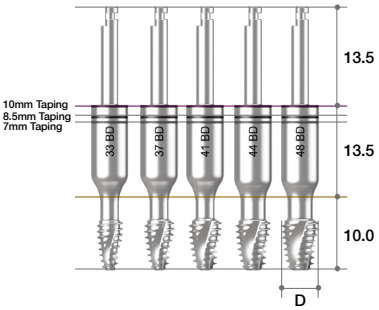
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø3.6	Ø5.0	6.5	R2BDCD33
Ø4.0			R2BDCD37
Ø4.4			R2BDCD41
Ø4.7			R2BDCD44
Ø4.95			R2BDCD48



Tap Drills

- For insertion test before placing fixture
- To avoid enlarging osteotomy, select tap drill one-size smaller than osteotomy
- Recommended insertion torque & speed: 45 ~ 50Ncm, under 15 RPM.

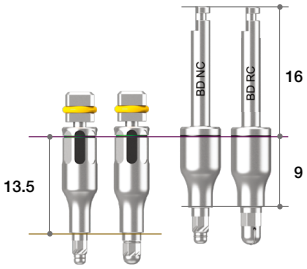
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø3.6	Ø5.0	9.5	R2TD33ARO
Ø4.0			R2TD37ARO
Ø4.4			R2TD41ARO
Ø4.7			R2TD44ARO
Ø5.0			R2TD48ARO



Implant Carrier

- Use to pick-up fixture from ampule, then insert into osteotomy socket & rotate clockwise 2-3 times by hand
- To tighten fixture, use Handpiece Adapter & Handpiece (Surgery Engine) (Ratchet Type)
- Recommended insertion torque: 45~50Ncm

Connection	Guide Diameter	Type	Ref.C
NC	Ø5.0	Ratchet	ICRO2127
RC			ICRO2530
NC	Ø5.0	Handpiece	ICRO2127H
RC			ICRO2530H



Carrier-Handpiece Adapter

- Use with handpiece for implant placement following initial delivery of fixture using implant carrier

Square	Ref.C
4.0	AGHA

Carrier Extension

- Extends length of implant carrier

Square	Ref.C
4.0	MRE400S

Drill Extension

- Extends drills & other handpiece instruments
- Recommended torque: <35Ncm
- Can be distorted with excessive force

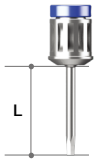
Ref.C
MDE150

Hand Driver (1.2 Hex)

- For use with all cover screws, abutment screws & healing abutments
- 4 lengths for added convenience
- Directly insert into Torque Wrench without adaptor
- Hex tip can withstand 35-45Ncm of torque without distorting

Length(mm)	Type	Ref.C
5.0	Ultra-short	*TCMHDU1200
10	Short	TCMHDS1200
15	Long	TCMHDL1200
20	Extra-long	*TCMHDE1200

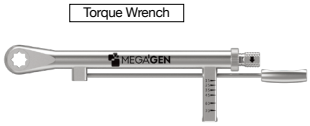
(*) Separate sales item



Torque Wrench (Ratchet type)

- Use for implant placement & final tightening of abutment screw
- Torque range: 15Ncm to 70Ncm

Type	Ref.C
Torque Wrench	TWSQ70

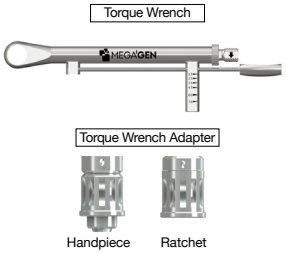


Torque Wrench & Adapter

- Use for implant placement & final tightening of abutment screw
- Torque range: 15Ncm to 70Ncm

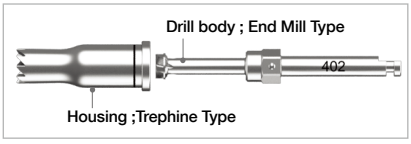
Type	Ref.C
Torque Wrench (~70Ncm)	*TW70
Torque Wrench (~45Ncm)	*MTW300A
Torque Wrench Adapter (Handpiece)	*TTAI100
Torque Wrench Adapter (Ratchet)	*TTAR100

(*) Separate sales item

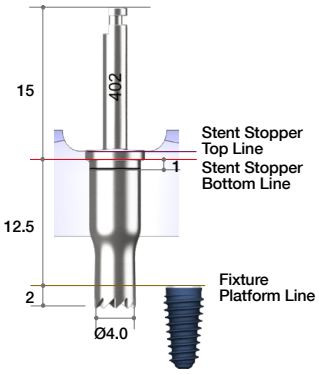


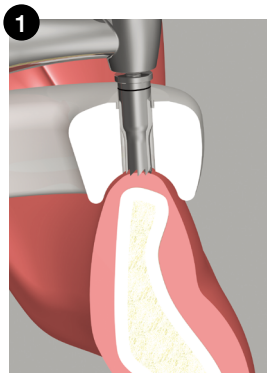
Narrow Crest Drill

- Use for angled fixture placement or to flatten bone surface of narrow ridge to prevent slipping during drilling
- Use to harvest autogenous bone if used after soft tissue
- 2-piece design: drill body & housing
- Disassemble to remove bone chips & for easy cleaning

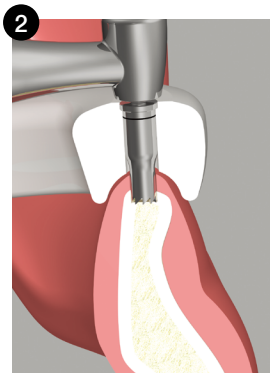


Diameter	Guide Diameter	Length(mm)	Ref.C
Ø4.0	Ø5.0	15.5(12.5/2)	NCD402

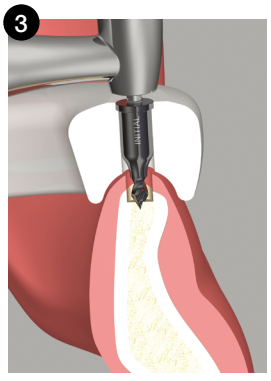




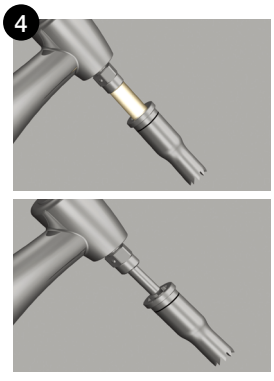
1 Set site by drilling counter- clockwisely at low speed (≤100rpm)



2 Start drilling clockwise (400~600rpm)



3 Once bone is flat, proceed with drilling sequence



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

III. Anchor Kit

In edentulous or free-end cases, R2 GUIDE™ is fixed using specially designed Anchor Pins

System	Ref.C
BLUEDIAMOND	KAGAS3002

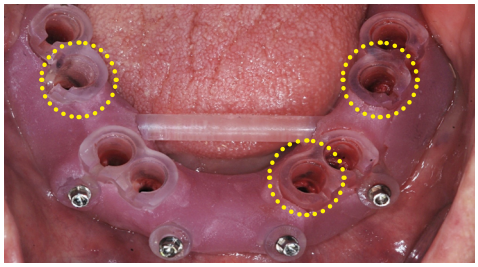
Required Accessory Kit

For fixing complete edentulous R2 GUIDE


[Anchor Pin]

Anchor Pin:
Combine the R2 GUIDE & Putty Bite, place them in the patient's mouth, and ask the patient bite strongly. Insert an Anchor Pin into each anchor hole in the R2 GUIDE and tighten them using a screwdriver. In the case of hard bone, drill lightly with a 2.0 x 13.0mm drill for better fixation

Stent Anchor :
With a complete edentulous guide, a triangular placement of implants & stent anchors is recommended for more stability, as shown.
R2GATE provides 2 guides & stent anchors, so both guides can stay fixed when placing regular & wide implants into an edentulous jaw.



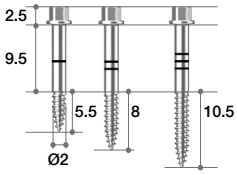

[Stent Anchor]

➲ Components for Anchor Kit

Anchor Pins

- Distinguish length by number of line markings
- Connect via Torx Tip

Diameter	Length(mm)	Marking Line	Ref.C
Ø2.0	5.5	1	TCMACP2015
	8.0	2	TCMACP2018
	10.5	3	TCMACP2020

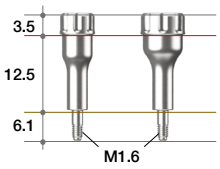


Stent Anchors

- Connect by hand or using Hand Driver

Thread	Guide Diameter	Ref.C
M1.6	Ø5.0	AGSANR16
	Ø5.0	AGSARR16
	Ø6.5	*AGSARW16

(*) Separate sales item



Torx Tip

Length(mm)	Ref.C
80	AGTT80

Tip Driver

Ref.C
TD

A CUT ABOVE THE REST

BLUEDIAMOND
IMPLANT

Rev. 03

BLUE DIAMOND IMPLANT

Head Office 45, Secheon-ro 7-gil, Dasa-eup, Dalseong-gun, Daegu, Korea
Gangnam Office MegaGen Tower, 607 Seolleung-ro, Gangnam-gu, Seoul, Korea

T. +82-1544-2285
T. +82-1566-2338

www.imegagen.com

MEGAGEN For Lifetime Smiles