

AnyRidge®

02



AnyRidge®

Key advantages

- ➡ Excellent initial stability, even with compromised bone density.
- ➡ No screw loosening guaranteed.
- ➡ Unique ISQ pattern, essential for predictable early or immediate loading.

AnyRidge®

02



Characteristics & Advantages

Implant packaging & concept

Cover Screw & Healing Abutment

Abutment & Prosthetic Option

I. Implant Level Prosthetic

II. Abutment Level Prosthetic

1. Octa Abutment & Component

1. Multi Unit Abutment & Component

III. Overdenture Prosthetic

1. Meg. Rhein

Abutment & Component

Characteristics & Advantages

I. Design Concept

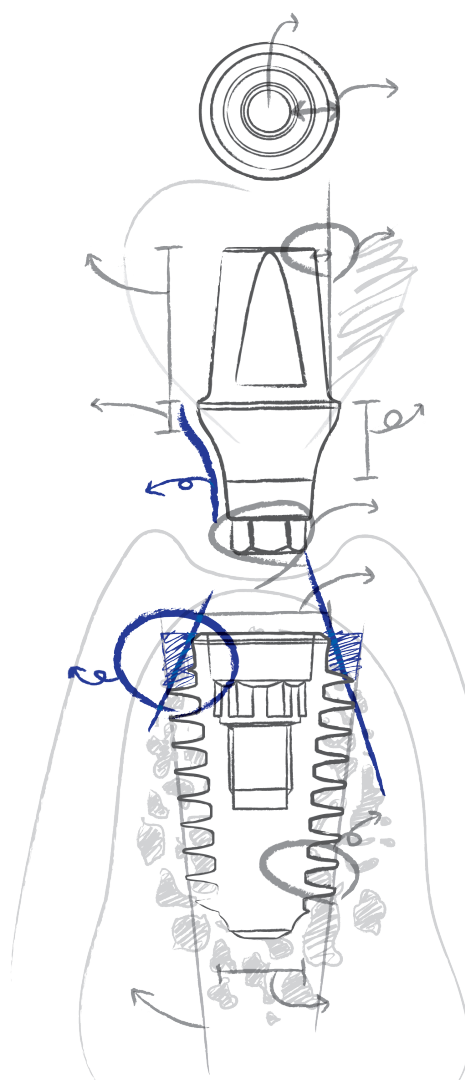
Various post height options
for you convenience

Freedom of 1mm
1mm of trimmable margin, gives
restorative flexibility without
changing the B-L dimensions

Biologic S-line
The Biologic S-Line provides
a seamless natural
looking emergence profile

**Maximum preservation
of the cortical bone**
Important for aesthetics
and long-term prognosis
excellent initial stability

Tapered design
Easy to place and always guarantees
excellent initial stability



Diameter 1.8mm

Thicker abutment wall

Optimum post taper
Different taper according to post
diameter (8°, 10°, 12°, 14°). Wider
taper for wider diameter

Various cuff height options
2, 3, 4 and 5mm
excellent initial stability

Single internal connection
Any abutment can be used on
any fixture size
excellent initial stability

Wider fixture in a narrow crest
Maximises long-term survival
of a fixture

**No cutting edge, but strong
self-threading**
Sharper cutting flutes slice through
and widen bone gradually

Narrow apical diameter
Bigger fixture into a smaller osteotomy
socket (less invasive surgery), which is
important to preserve marginal soft
and hard tissues

Same core diameter, but different thread depth.

Implant diameter	Ø3.5	Ø4.0	Ø4.5	Ø5.0	Ø5.5	Ø5.0(s)
Core diameter	Ø2.8	Ø3.3	Ø3.3	Ø3.3	Ø3.3	Ø4.0

Same core diameter, but different thread depth.

Implant diameter	Ø5.5(s)	Ø6.0	Ø6.5	Ø7.0	Ø7.5	Ø8.0
Core diameter	Ø4.0	Ø4.8	Ø4.8	Ø4.8	Ø4.8	Ø4.8

Core diameter measured at 3.5mm under the platform

Core diameter

II. Surgery

Excellent initial stability, even with compromised bone density.
AnyRidge® Fixture cuts bone smoothly decreasing healing time.

1. Fixture placement

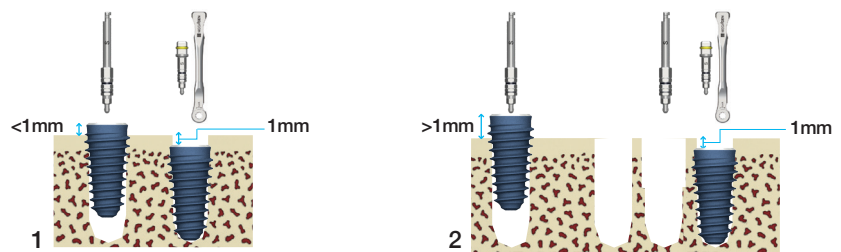
- **Soft bone**

The super self-tapping threads have a single core diameter that facilitates minimal site preparation by utilizing a smaller osteotomy to place a wider fixture with special threads.

- **Hard bone**

AnyRidge® Fixture with its super self-tapping thread design is easier than other traditional implants at hard bone.

**Caution! : The osteotomy socket (drilling) size should almost reach the size of fixture to avoid sticking in the bone during placement.*



2. Customised drilling sequence

Example 1) Ø5.0mm fixture can be placed in a 2.9 or 3.3mm osteotomy socket in D4 bone. Excellent initial stability can be achieved.



Example 2) In hard bone, it is highly recommended to make the socket almost the same diameter size as a fixture



- Improved drill design has simplified drilling sequence, you can even harvest autogenous bone using these specially designed drills. (Recommended speed : 50 RPM, 50 Ncm with saline solution irrigation)

- The best way to get ideal initial stability with AnyRidge system is by placing a fixture using a surgical engine, leaving one or two threads above the crest; then use ratchet wrench to place the platform at the desired position.

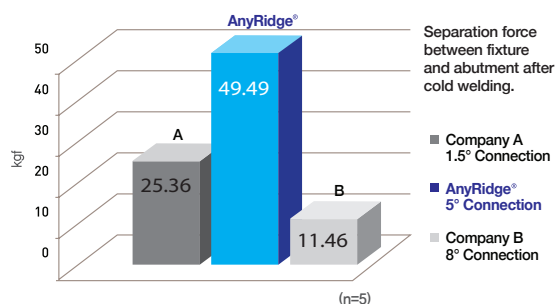
III. Prosthetics

Better aesthetic outcomes from a wide variety of prosthetic options.

1. No screw loosening.

• Magic 5° (5° Internal Connection)

Now you can be free from screw loosening with our unique connection (5 degree morse taper), which gives perfect hermetic sealing. Biologic width is minimised due to no micro gap, and crestal bone health is well maintained.



*Performed Retention Test to evaluate the fixture-abutment retention force using Universal Testing Machine
-R&D center in MegaGen Implant Co.,Ltd.(2009)-*

2. Biologic S-line

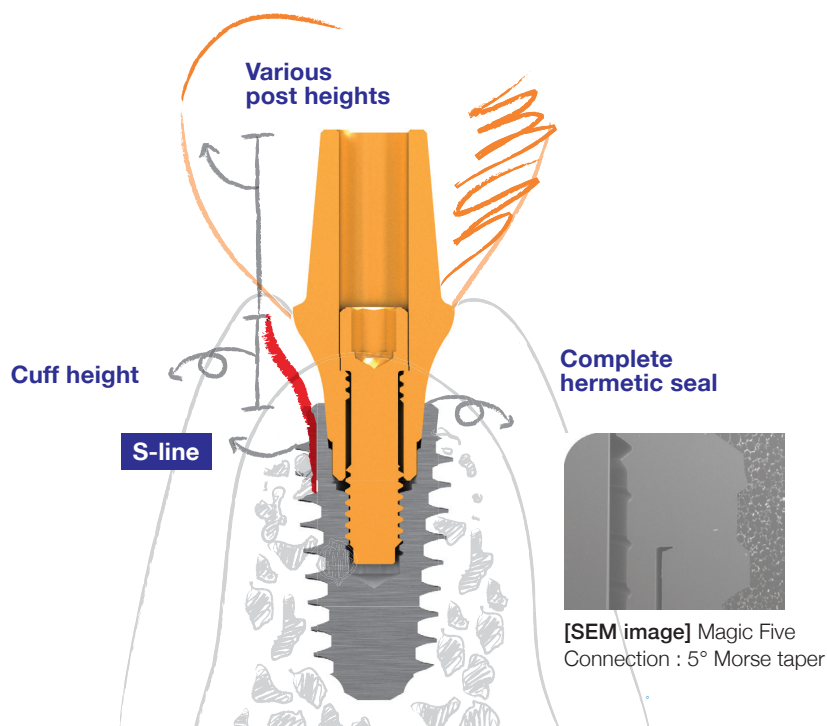
Helps to achieve beautiful, natural-looking aesthetics.

3. Optimum hex height

Feel the unique advantages of the AnyRidge connection. Which begins with impression taking and lasts until final restoration.

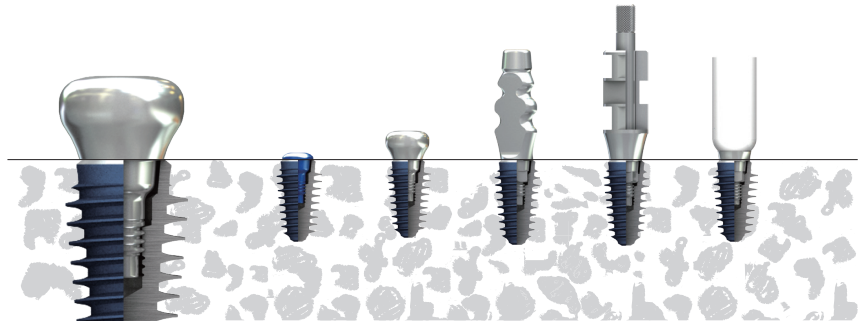
4. All indications, various abutment options.

Every case, every shape, every size. Everything was considered to satisfy every clinical situation.



►► Two different connections between a fixture & a component

1. All transitional and temporary components are designed to not engage with the morse taper.



- Cover Screws, Healing Abutments, Impression Coping (transfer and pick-up type), Temporary Cylinders have ledges on the bottom which prevent cold welding with a fixture.
- 1.2 Hex Hand Drivers or Impression Drivers can be used easily to screw these components in and out.

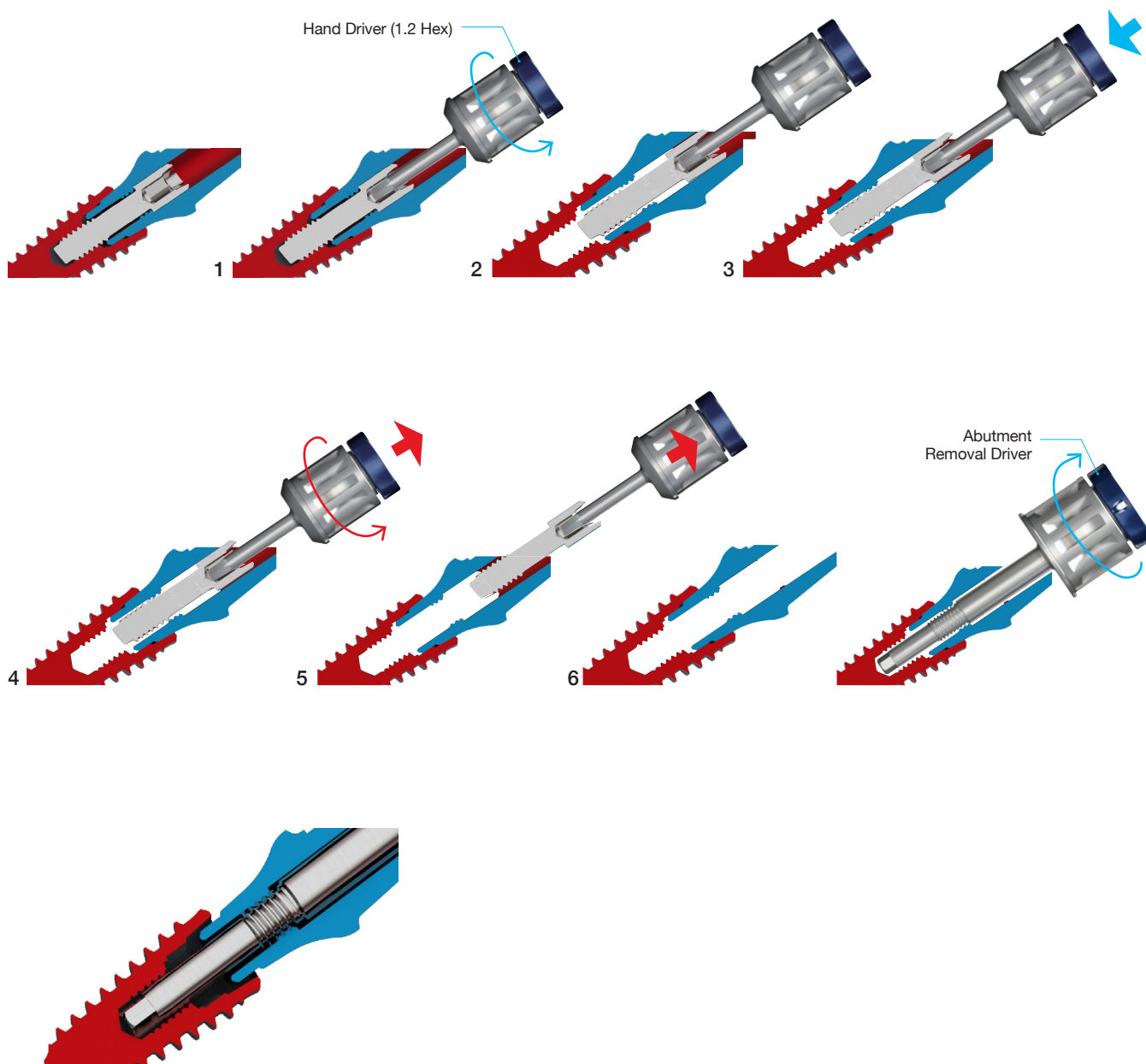
2. All permanent abutments will make strong connections with fixtures, even with just finger force.



- 25~35Ncm is recommended to connect a permanent abutment into a fixture.
- A fixed abutment cannot be removed with finger force even after complete removal of the Abutment Screw because of perfect cold welding. To remove a permanent abutment, Abutment Removal Driver should be used.

►► How to remove a permanent abutment from a fixture?

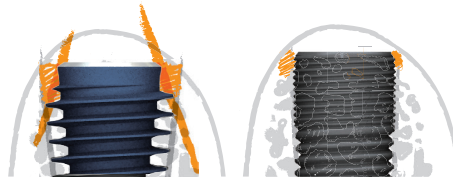
Due to the extremely strong connection force, you don't have to worry about screw loosening. Please use our specially designed Abutment Removal Driver to remove an abutment from a fixture.



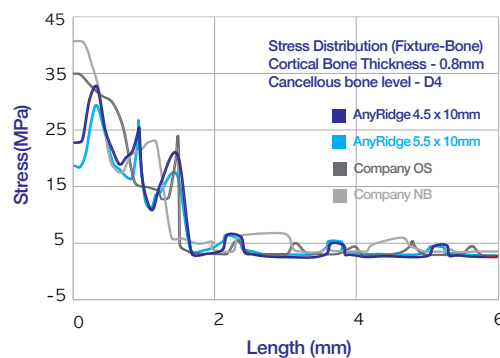
IV. Maintenance

The unique design ensures long term stability.

1. Higher cortical bone preservation is guaranteed.



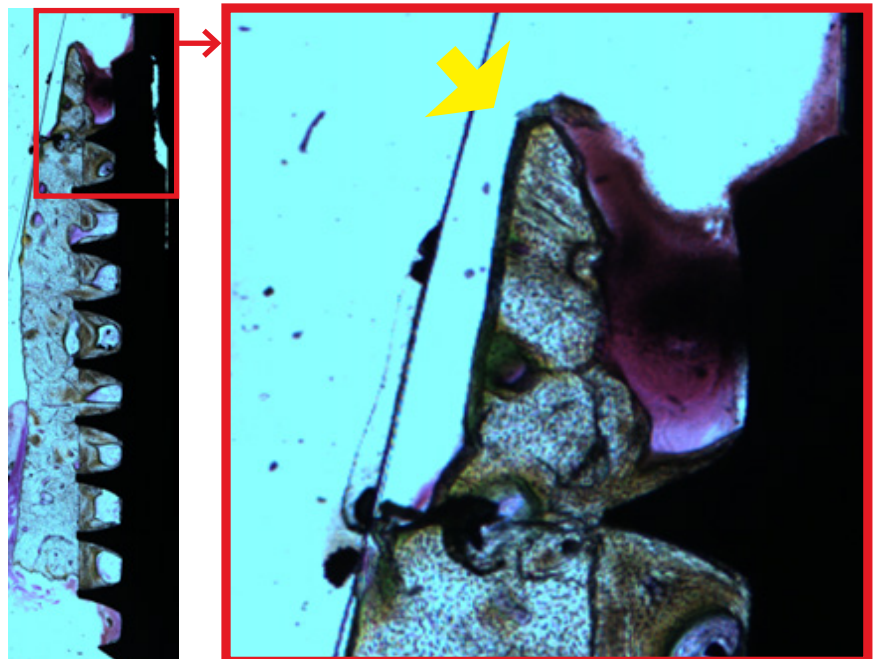
AnyRidge does not depend on cortical bone for initial stability; decreased stress on cortical bone helps to prevent bone resorption after implantation.



Performed Finite element analysis to evaluate the fixture-bone stress using ABAQUS 6.8 -R&D center in MegaGen Implant Co., Ltd.(2009).

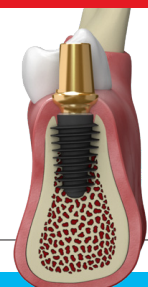
- More cortical bone
- = More soft tissue volume
- = Beautiful gingival line

Advanced coronal design allows maximum cortical bone preservation around implants. After osseointegration, AnyRidge can ensure a beautiful gingival line by preserving and maintaining more cortical bone.



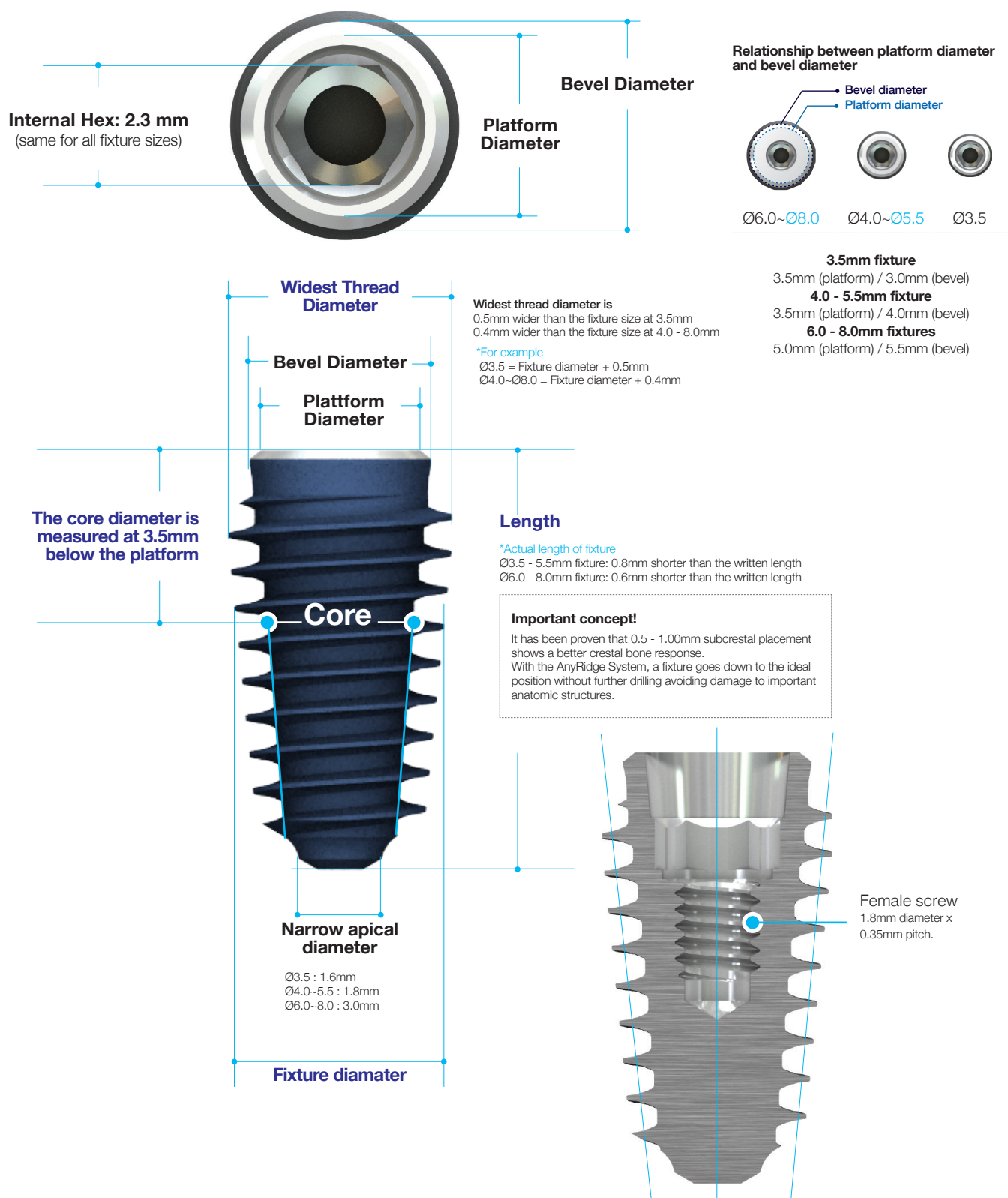
• A Human Biopsy (2.5 yrs after placement)

The sharp and high alveolar crest (yellow arrow) can be maintained due to the biology driven implant design. With this maintenance of the alveolar bone, the peri-implant marginal gingiva showed almost no recession during 2.5 years of follow-up, even in cases with limited ridge width.



Fixture product & package

I. Dimensions

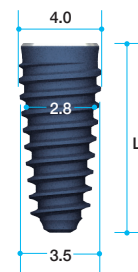


II. Fixture Sizes

Small Ø3.5

- 0.8mm cover screw included

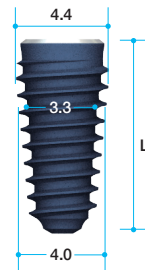
Diameter (mm)	Length (mm)	Ref.C
3.5	7	FANIH3507C
	8.5	FANIH3508C
	10	FANIH3510C
	11.5	FANIH3511C
	13	FANIH3513C
	15	FANIH3515C



Regular Ø4.0

- 0.8mm cover screw included

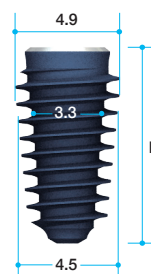
Diameter (mm)	Length (mm)	Ref.C
4.0	7	FANIH4007C
	8.5	FANIH4008C
	10	FANIH4010C
	11.5	FANIH4011C
	13	FANIH4013C
	15	FANIH4015C



Regular Ø4.5

- 0.8mm cover screw included

Diameter (mm)	Length (mm)	Ref.C
4.5	7	FANIH4507C
	8.5	FANIH4508C
	10	FANIH4510C
	11.5	FANIH4511C
	13	FANIH4513C
	15	FANIH4515C

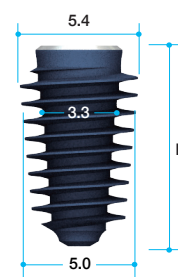


➔ Fixture Sizes

Wide Ø5.0

- 0.8mm cover screw included

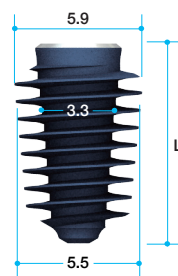
Diameter (mm)	Length (mm)	Ref.C
5.0	7	FANIHX5007C
	8.5	FANIHX5008C
	10	FANIHX5010C
	11.5	FANIHX5011C
	13	FANIHX5013C
	15	FANIHX5015C



Wide Ø5.5

- 0.8mm cover screw included

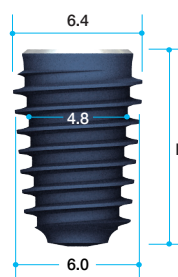
Diameter (mm)	Length (mm)	Ref.C
5.5	7	FANIHX5507C
	8.5	FANIHX5508C
	10	FANIHX5510C
	11.5	FANIHX5511C
	13	FANIHX5513C
	15	FANIHX5515C



Super Wide Ø6.0

- 0.8mm cover screw included

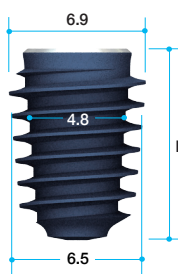
Diameter (mm)	Length (mm)	Ref.C
6.0	7	FALIHX6007C
	8.5	FALIHX6008C
	10	FALIHX6010C
	11.5	FALIHX6011C
	13	FALIHX6013C



Super Wide Ø6.5

- 0.8mm cover screw included

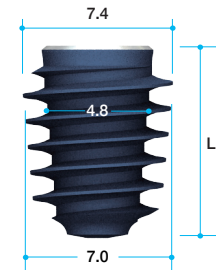
Diameter (mm)	Length (mm)	Ref.C
6.5	7	FALIHX6507C
	8.5	FALIHX6508C
	10	FALIHX6510C
	11.5	FALIHX6511C
	13	FALIHX6513C



Super Wide Ø7.0

- 0.8mm cover screw included

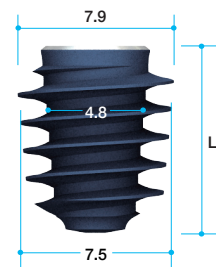
Diameter (mm)	Length (mm)	Ref.C
7.0	7	FALHX7007C
	8.5	FALHX7008C
	10	FALHX7010C
	11.5	FALHX7011C
	13	FALHX7013C



Super Wide Ø7.5

- 0.8mm cover screw included

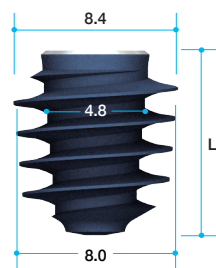
Diameter (mm)	Length (mm)	Ref.C
7.5	7	FALHX7507C
	8.5	FALHX7508C
	10	FALHX7510C
	11.5	FALHX7511C
	13	FALHX7513C



Super Wide Ø8.0

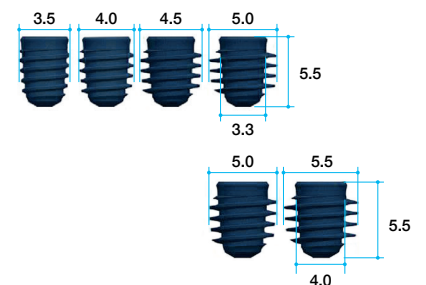
- 0.8mm cover screw included

Diameter (mm)	Length (mm)	Ref.C
8.0	7	FALHX8007C
	8.5	FALHX8008C
	10	FALHX8010C
	11.5	FALHX8011C
	13	FALHX8013C



Maxillofacial

Diameter (mm)	Core	Ref.C
Ø 3.5	3.3	MX3505
Ø 4.0		MX4005
Ø 4.5		MX4505
Ø 5.0		MX5005
Ø 5.0	4.0	MX5005S
Ø 5.5		MX5505S



Additional AnyRidge Fixtures

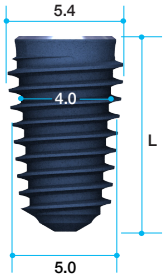
4mm core implants are available for Ø5mm & Ø5.5mm wide fixtures only.



Wide Ø5.0 - Core Ø4

- 0.8mm cover screw included

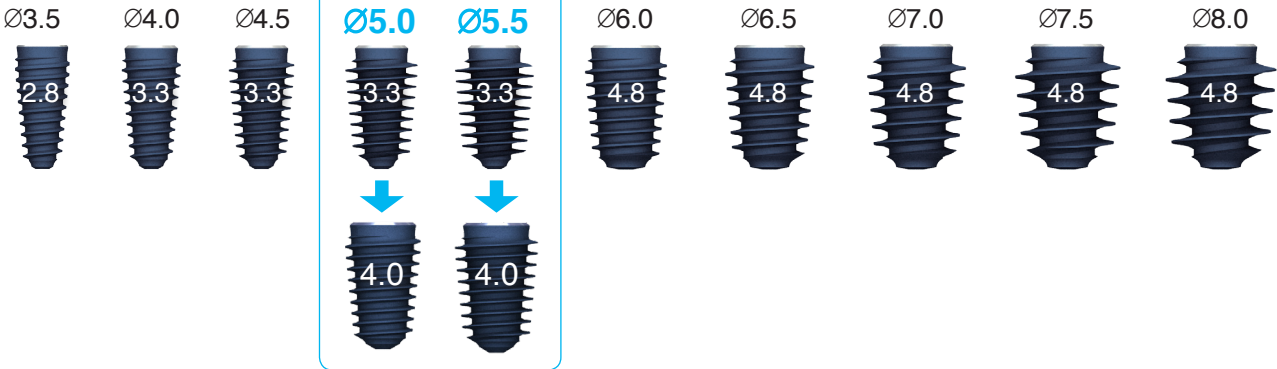
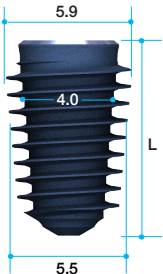
Diameter (mm)	Length (mm)	Ref.C
5.0	7	FANIHX5007SC
	8.5	FANIHX5008SC
	10	FANIHX5010SC
	11.5	FANIHX5011SC
	13	FANIHX5013SC
	15	FANIHX5015SC



Wide Ø5.5 - Core Ø4

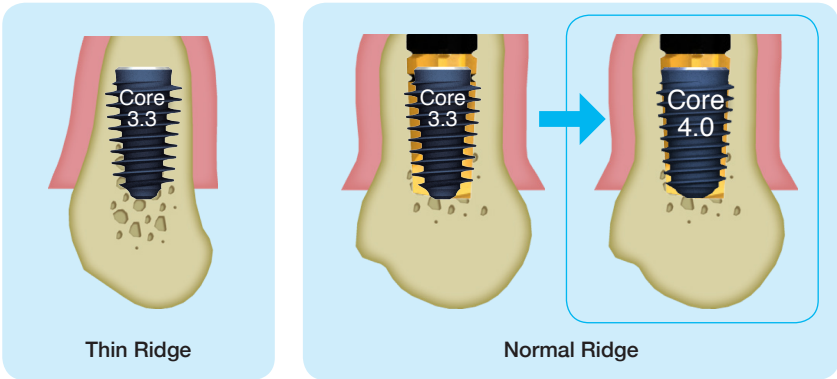
- 0.8mm cover screw included

Diameter (mm)	Length (mm)	Ref.C
5.5	7	FANIHX5507SC
	8.5	FANIHX5508SC
	10	FANIHX5510SC
	11.5	FANIHX5511SC
	13	FANIHX5513SC
	15	FANIHX5515SC



These fixtures can improve the unstable elements that can be found within the current fixture product range, when used in certain cases were the patient has very hard bone. You can feel the excellent design if the 4mm core implant is used in the following cases.

- If there is a large osteotomy socket, or a sufficient ridge.
- If a high bone density causes difficulty when attempting to place a deep-thread fixture.
- If a patient has an occlusal force which you consider to be higher than normal



III. Package



III. Package

- Coding



Product Name

Size

Ø = Implant Diameter
L = Implant Length

For your ease of use, different fixture diameters have different colour coding.

Small

3.5mm

Regular

4.0mm
4.5mm

Wide

5.0mm
5.5mm

Super Wide

6.0mm
6.5mm
7.0mm
7.5mm
8.0mm



Core Ø4

Cover Screw & Healing Abutment

Cover Screw

Used for submerged type surgery, to protect the inner structure of a fixture.

Different heights can be chosen according to the position of a fixture below the crest.

Use with a 1.2 Hex Hand Driver - recommended torque by hand (5 - 8Ncm)

Height	Ref. C
0.8 <i>Included with fixture</i>	AANCSF3508
1.6	AANCSF3516
2.6	AANCSF3526

Height

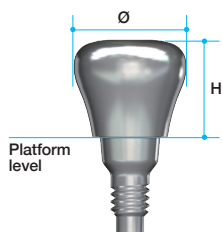


Healing Abutment

Used for non-submerged type surgery, helps to form a suitable emergence profile during the period of gingival healing.

Choose appropriate height and diameter of healing abutment according to each situation.

Use with a 1.2 Hex Hand Driver - recommended torque by hand (5 - 8Ncm)



Diameter	Height (mm)	Ref.C
Ø4.0	3	AANHAF0403
	4	AANHAF0404
	5	AANHAF0405
	6	AANHAF0406
	7	AANHAF0407
Ø5.0	3	AANHAF0503
	4	AANHAF0504
	5	AANHAF0505
	6	AANHAF0506
	7	AANHAF0507
Ø6.0	3	AANHAF0603
	4	AANHAF0604
	5	AANHAF0605
	6	AANHAF0606
	7	AANHAF0607

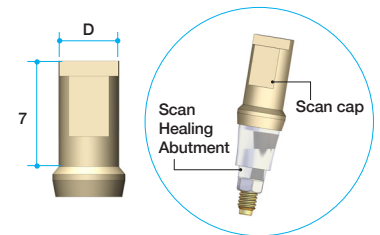
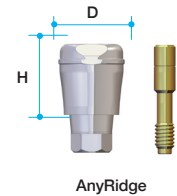
Diameter	Height (mm)	Ref.C
Ø7.0	3	AANHAF0703
	4	AANHAF0704
	5	AANHAF0705
	6	AANHAF0706
	7	AANHAF0707
Ø8.0	3	AANHAF0803
	4	AANHAF0804
	5	AANHAF0805
	6	AANHAF0806
	7	AANHAF0807
Ø10.0	3	AANHAF1003
	4	AANHAF1004
	5	AANHAF1005
	6	AANHAF1006

Scan Healing Abutment & Scan Post

*1xAbutment screw included (ARIHS1804 or ARIHS1805)

- Can get scan data without removing the Scan Healing Abutment from the Scan Post.
- Different colours depending on cuff height.
- Scan Healing Abutment should be exposed 2.0mm at the surgical site for accurate scanning.
- Select the Scan Post based on the diameter of the Scan Healing Abutment

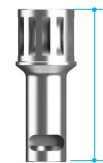
Diameter (ø)	Ref. C Scan Post	Height (mm)	Ref.C Healing Abutment
Ø4.0	SP4007	4	ARISH4004
		5	ARISH4005
Ø5.0	SP5007	4	ARISH5004
		5	ARISH5005



Scan Post Carrier

- Used to place Scan Post.

System	Length	Ref.C
Common	19	SPC16

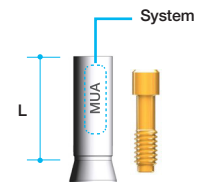
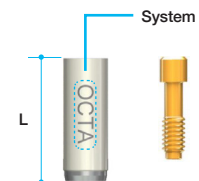
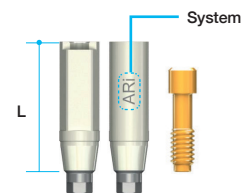


Scan Abutment

1xAbutment screw included (AR: AANMSF, AO: AS20, MN: MIAS14, OCTA: IRCS200, MUA: MUAS)
 - Compatible with the following Dental CAD:
 . 3 Shape
 . Exocad

* 9mm length scan abutments are optimised for chairside
 ** 13mm length scan abutments are optimised for lab side

System	Profile Diameter	Length (mm)	Ref.C
AnyRidge	4.0	9	AANISR4009
		13	AANISR4013
AnyOne	4.0	9	AAOISR4009
		13	AAOISR4013
Mini	3.5	9*	MISS3509
		13*	MIIS3513
Octa Level	4.0	11	AOCESC4011
MUA Level	4.0	13	AMUASR4013

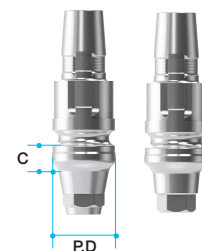


Scan Abutmet (C-type)

*Abutment screw included (AANMSF & AANMST)

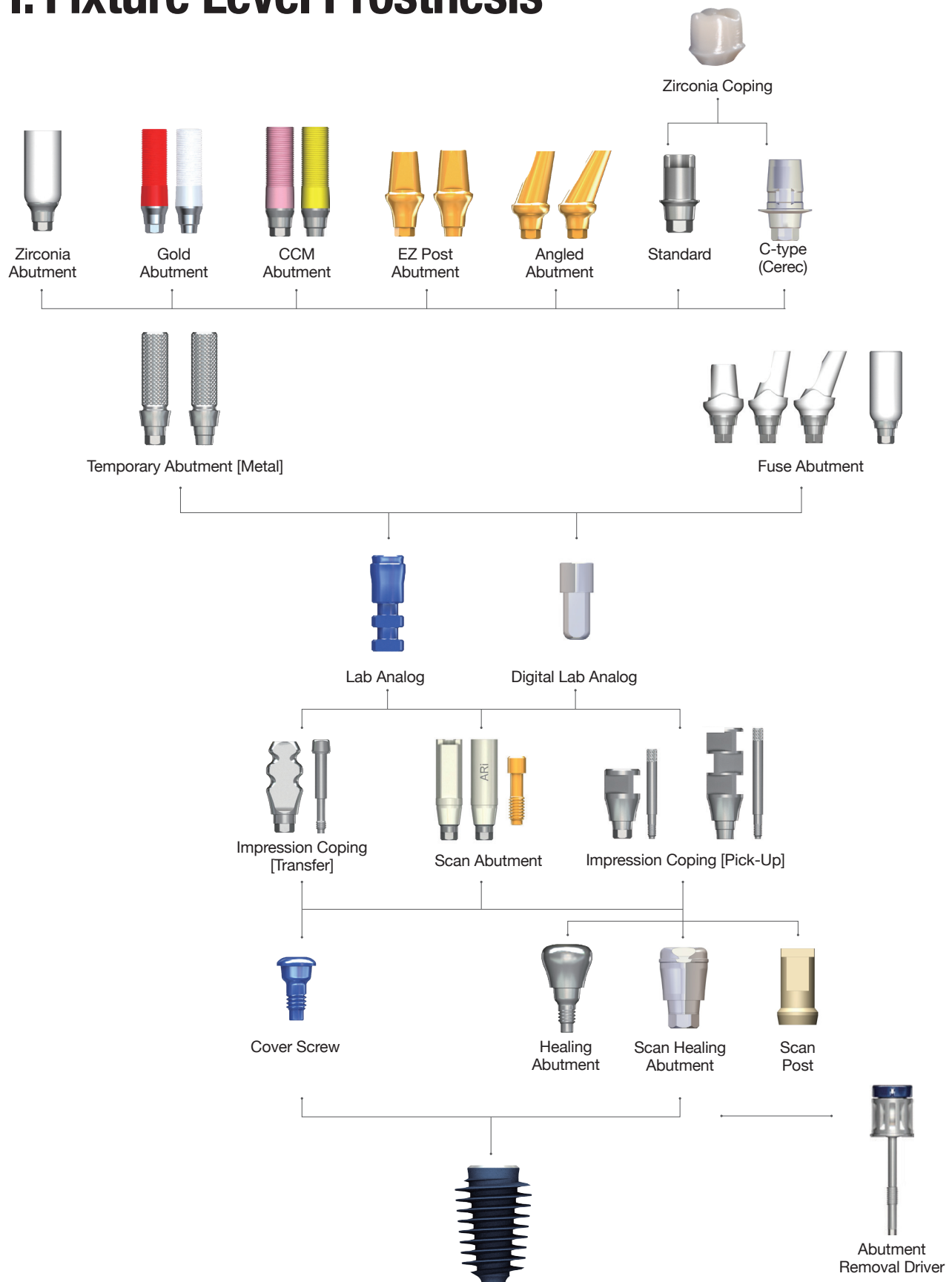
- Scan Post for Sirona Cerec users - CEREC
- In in Lab CAD Software, compatible with
 - Xive Library

System	Profile Diameter	Cuff Height	Post Size	Ref.C
AnyRidge	Ø3.9	0.5	Small	ARCSPS34L05
		1		ARCSPS34L10
		2		ARCSPS34L20
	Ø4.3	0.5		ARCSPS38L05
		1		ARCSPS38L10
		2		ARCSPS38L20
	Ø5.5	0.5	Large	ARCSPS45L05
		1		ARCSPS45L10
		2		ARCSPS45L20



Abutment & Prosthetic Options

I. Fixture Level Prosthesis

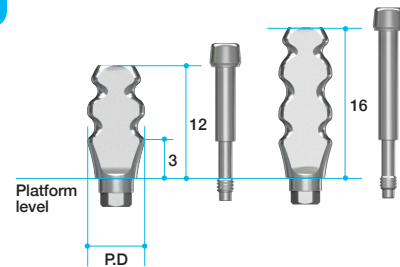


➔ Impression Copings

Impression Coping

2-piece, Transfer Type
For Closed-tray Technique

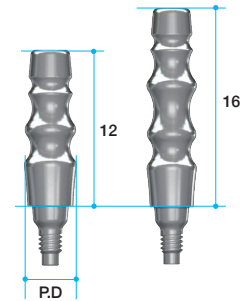
Profile Diameter	Height (mm)	Type	Ref.C
Ø4.0	12	2-Piece Hand driver (1.2 Hex)	AANITH4012HT
	16		AANITH4016HT
Ø5.0	12		AANITH5012HT
	16		AANITH5016HT



Impression Coping

1-piece, Transfer Type
For Closed-tray Technique

Profile Diameter	Height (mm)	Type	Ref.C
Ø4.0	12	1-Piece Hand driver (1.2 Hex)	AANITN4012H
	16		AANITN4016H
Ø5.0	12		AANITN5012H
	16		AANITN5016H

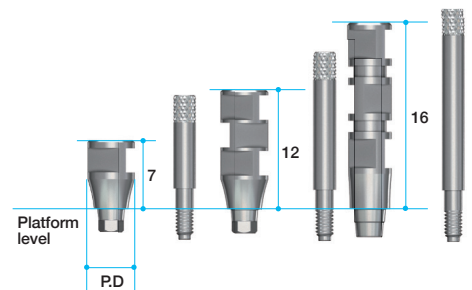


Impression Coping

2-piece, Pick-up Type
For Open-tray Technique

- Square structure ; strong anti - rotation function.
- Designed for easy and accurate pick-up impression.
- Extra-long guide pin can be purchased separately.

Profile Diameter	Height (mm)	Type	Ref.C
Ø4.0	12	2-Piece	AANIPH4012T
	16		AANIPH4016T
Ø5.0	7		AANIPH5007T
	12		AANIPH5012T



Guide Pin

Pick-up Type

Height (mm)	Ref.C
10mm (short)	AANGPP0010
15mm (long)	AANGPP0015
20 mm (extra long)	AANGPP0020



➡ Lab Analog & Temporary Abutments

Lab Analog

Can be used with all fixtures, as all AnyRidge fixtures have the same internal connection.

Diameter	Colour	Ref.C
Ø4.0 - Ø5.5	Blue	AANLAF4055



Digital Lab Analog

Profile diameter	Ref.C
Ø4.0	CANIAR4009



Lab & Abutment Screw

Included in product packaging.

Colour	Ref.C
Blue	AANMST
Yellow	AANMSF

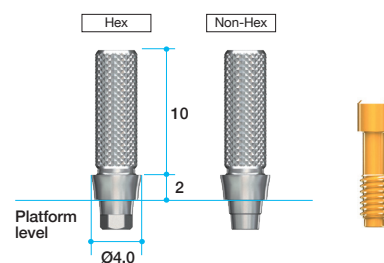


Temporary Abutment (Titanium)

*Abutment screw included (AANMSF)

For making provisional restorations.
Grooving on the post allows for strong resin adherence.
Recommended torque - 25Ncm

Diameter	Cuff Height (mm)	Type	Ref.C
Ø4.0	2	Hex	AANTMH4012T
		Non-Hex	AANTMN4012T

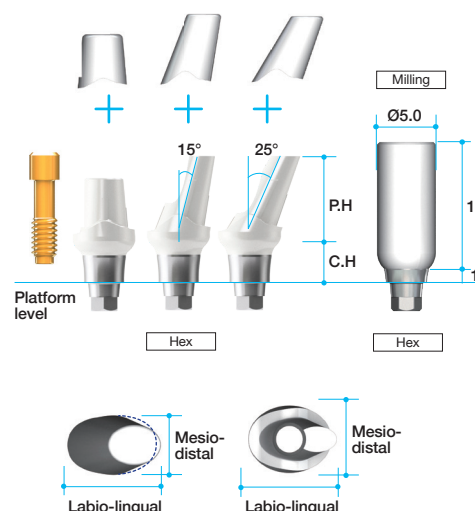


Fuse Abutment

- Straight, 15°, 25° ; Multi Post Screw(AANMSF) included + Fuse Cap included.
- Milling ; Multi Post Screw (AANMSF) included.
For making provisional restorations.
Recommend torque - 25Ncm

Diameter	C.H (mm)	P.H (mm)	Type	Ref.C
Ø5.5	Ø5.5	5.5	Straight	AFAP5545P
	Ø4.5	7	15°	AFAA5415P
			25°	AFAA5425P
Ø5.0	1	11	Milling	AANTAH5012T

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

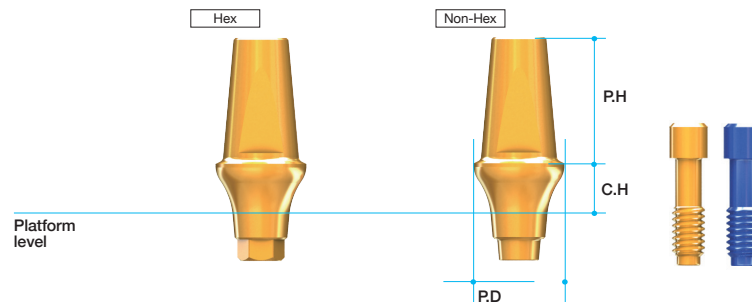


➔ Abutment options (For cement retained restorations)

EZ Post Abutment

- Multi Post Screw (AANMST - Blue/
AANMSF - Gold) included.

- Use with a 1.2 hex hand driver.
- Titanium with an aesthetic gold colouring.
- Four different profile diameters.
(Ø4.0, 5.0, 6.0, 7.0)
- Four different cuff heights.
(2.0, 3.0, 4.0, 5.0mm)
- Recommend torque: 35Ncm



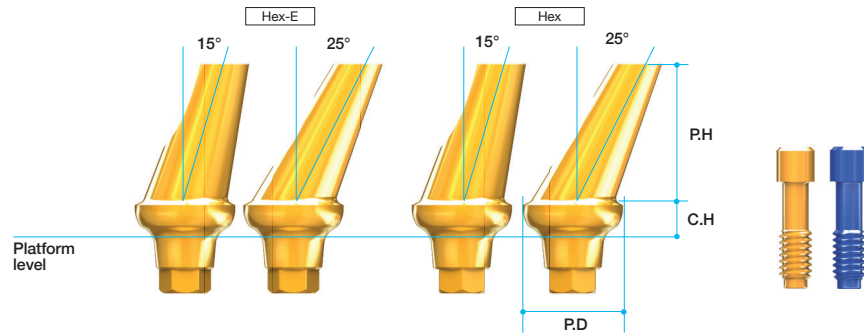
Profile Diameter	Cuff Height(mm)	Post Height(mm)	Type	Ref.C
Ø4.0	2	7	Hex	AANEPH4027L
	3			AANEPH4037L
	4			AANEPH4047L
	5			AANEPH4057L
Ø4.0	2	7	Non-Hex	AANEPN4027L
	3			AANEPN4037L
	4			AANEPN4047L
	5			AANEPN4057L
Ø5.0	2	7	Hex	AANEPH5027L
	3			AANEPH5037L
	4			AANEPH5047L
	5			AANEPH5057L
Ø5.0	2	7	Non-Hex	AANEPN5027L
	3			AANEPN5037L
	4			AANEPN5047L
	5			AANEPN5057L

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Type	Ref.C
Ø6.0	2	7	Hex	AANEPH6027L
	3			AANEPH6037L
	4			AANEPH6047L
	5			AANEPH6057L
Ø6.0	2	7	Non-Hex	AANEPN6027L
	3			AANEPN6037L
	4			AANEPN6047L
	5			AANEPN6057L
Ø7.0	2	7	Hex	AANEPH7027L
	3			AANEPH7037L
	4			AANEPH7047L
	5			AANEPH7057L
Ø7.0	2	7	Non-Hex	AANEPN7027L
	3			AANEPN7037L
	4			AANEPN7047L
	5			AANEPN7057L

Angled Abutment

- Multi Post Screw (AANMST - Blue/
AANMSF - Gold) included.

- Use with a 1.2 hex driver.
- Two different angulations. (15°, 25°)
- Four different profile diameters.
(Ø4.0, 5.0, 6.0, 7.0)
- Four different cuff heights. (2, 3, 4, 5mm)
- Can cover 12 different directions.
[six to the surface(Hex), six to the edge of
hex(Hex-E)]
- Titanium, with an aesthetic gold colouring.
- Minimized screw head length needs minimum
height to prevent milling problems.
- Recommend torque: 25 - 35Ncm.



Profile Diameter	Cuff Height(mm)	Post Height(mm)	Type	Angle	Ref.C
Ø4.0	2	7	Hex	15°	AANAAH4215L
	3				AANAAH4315L
	4				AANAAH4415L
	5				AANAAH4515L
	2		Hex-E		AANAAE4215L
	3				AANAAE4315L
	4				AANAAE4415L
	5				AANAAE4515L
	2		Hex	25°	AANAAH4225L
	3				AANAAH4325L
	4				AANAAH4425L
	5				AANAAH4525L
	2		Hex-E		AANAAE4225L
	3				AANAAE4325L
	4				AANAAE4425L
	5				AANAAE4525L
Ø5.0	2	7	Hex	15°	AANAAH5215L
	3				AANAAH5315L
	4				AANAAH5415L
	5				AANAAH5515L
	2		Hex-E		AANAAE5215L
	3				AANAAE5315L
	4				AANAAE5415L
	5				AANAAE5515L
	2		Hex	25°	AANAAH5225L
	3				AANAAH5325L
	4				AANAAH5425L
	5				AANAAH5525L
	2		Hex-E		AANAAE5225L
	3				AANAAE5325L
	4				AANAAE5425L
	5				AANAAE5525L

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Type	Angle	Ref.C	
Ø6.0	2	7	Hex	15°	AANAAH6215L	
	3				AANAAH6315L	
	4				AANAAH6415L	
	5				AANAAH6515L	
	2		Hex-E		AANAAE6215L	
	3				AANAAE6315L	
	4				AANAAE6415L	
	2				Hex	25°
3	AANAAH6325L					
2	AANAAE6225L					
3	AANAAE6325L					
Ø7.0	2	7	Hex	15°	AANAAH7215L	
	3				AANAAH7315L	
	2				AANAAE7215L	
	3				AANAAE7315L	
	2		Hex-E		25°	AANAAH7225L
	3					AANAAH7325L
	4					AANAAH7425L
	5					AANAAH7525L
	2		Hex-E	AANAAE7225L		
	3			AANAAE7325L		
	4			AANAAE7425L		
	5			AANAAE7525L		

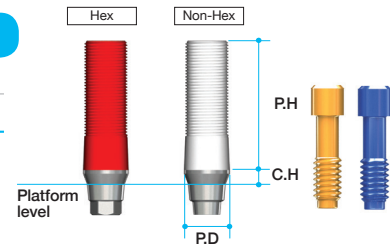
➡ Abutment Options (For screw retained restorations)

Gold / UCLA Abutment

- Multi Post Screw (AANMST - Blue/
AANMSF - Gold) included.

- Use with a 1.2 hex driver.
- Useful to make a customized abutment in difficult situations.
- Precious and non-precious alloys.
- Melting point of gold alloy: 1400 - 1450°C
- Threaded sleeves for convenient Resin / Wax-up.
- Recommend torque: 30Ncm.

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Type	Ref.C
Ø4.0	1	11	Hex	AANGAH4012L
			Non-Hex	AANGAN4012L

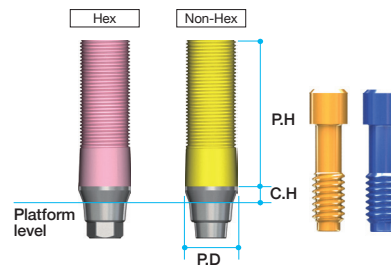


CCM Abutment

- Multi Post Screw (AANMST - Blue/
AANMSF - Gold) included.

- Use with a 1.2 hex driver.
- To be casted with non-precious alloys (Ni-Cr, Cr-Co alloys).
- Non-precious melting temperature: Dependent on Manufacturer
- Threaded sleeves for convenient Resin / Wax-up.
- Melting temperature of CCM: 1380 - 1420°C
- Recommend torque: 25 - 35Ncm.

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Type	Ref.C
Ø4.0	1	11	Hex	AANCAH4012L
			Non-Hex	AANCAN4012L



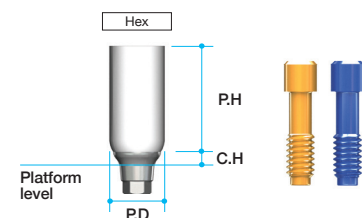
➡ Abutment Options (For cement / screw retained restorations)

Zirconia Abutment

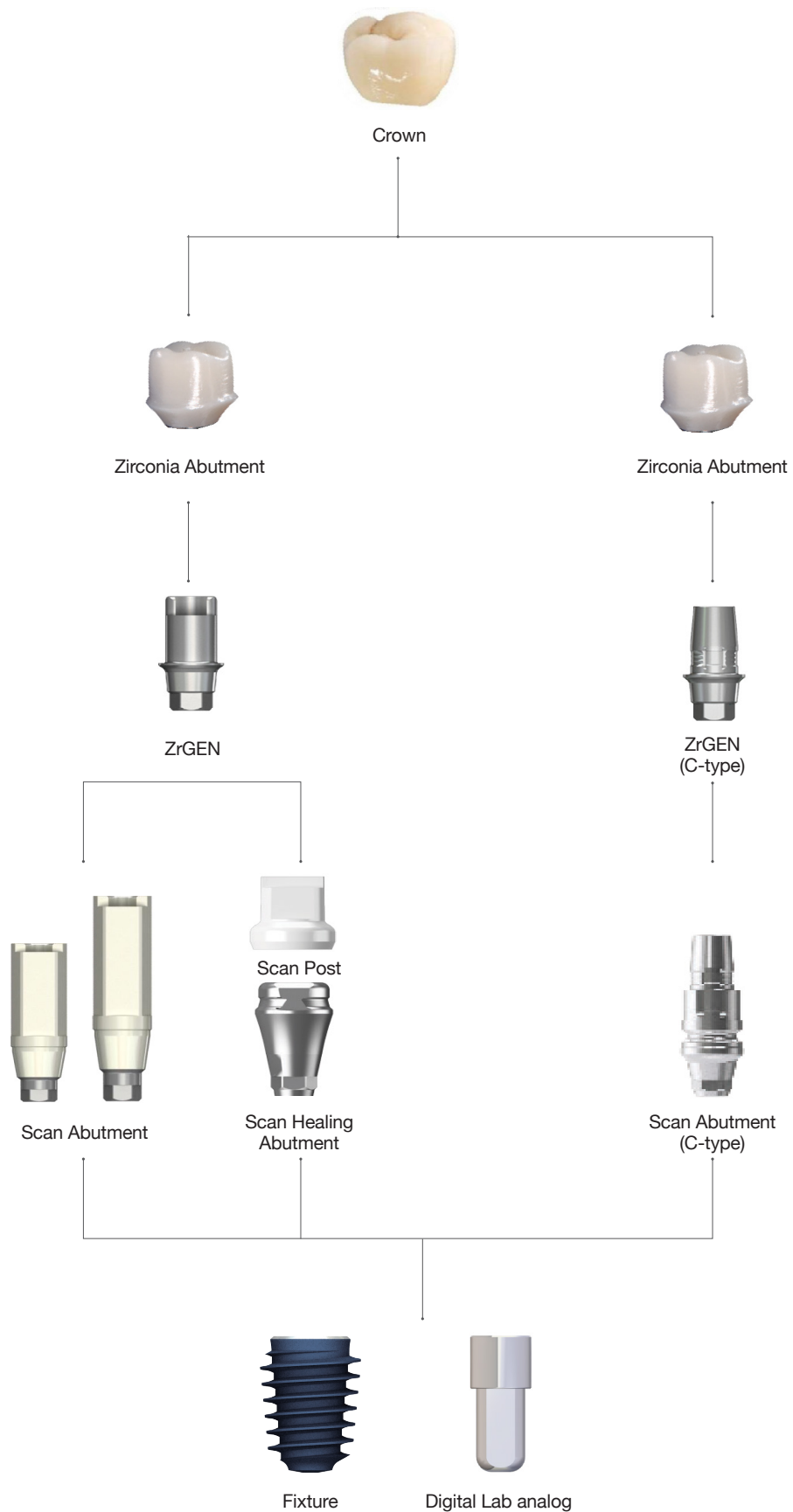
- Multi Post Screw (AANMST - Blue/
AANMSF - Gold) included.

- Use with a 1.2 hex driver.
- For aesthetic use.
- Natural white color with pre-sintered zirconia sleeve, and a titanium base.
- Preparable at the chair side with a diamond bur.
- Recommend torque: 25 - 35Ncm.

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Type	Ref.C
Ø5.0	1	11	Hex	AANZAH5012L



AnyRidge



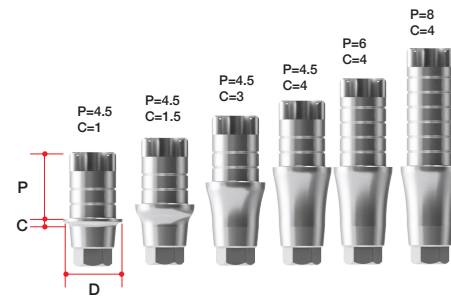
➔ ZrGEN Abutment Option

ZrGEN Abutment

*1 x Abutment screw included (AANMSF)

- Compatible with the following dental CAD:
 - 3 Shape
 - Exocad

- Different number of grooves dependant on the post size.
 - PH 4.5 = 2 each
 - PH 5 = 3 each
 - PH 6 = 4 each
 - PH 8 = 6 each



Standard

System	Diameter	Cuff Height	Post Height	Type	Ref.C
AnyRidge	4.0	0.6	4.5	Hex	AANIPR4015
			6		AANIPR4016
			8		AANIPR4018
		1.5	4.5		AANIPR4025
			6		AANIPR4026
		3.0	4.5		AANIPR4035
			6		AANIPR4036
		4.0	4.5		AANIPR4045
			6		AANIPR4046
	4.5	0.6	4.5	Hex	AANIPR4515
			6		AANIPR4516
		1.5	4.5		AANIPR4525
			6		AANIPR4526
		3.0	4.5		AANIPR4535
			6		AANIPR4536
		4.0	4.5		AANIPR4545
			6		AANIPR4546

Standard

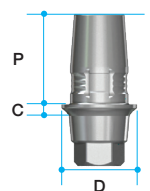
System	Diameter	Cuff Height	Post Height	Type	Ref.C
AnyRidge	4.0	0.6	4.5	Non-Hex	AANIPR4015N
			6		AANIPR4016N
		1.5	4.5		AANIPR4025N
			6		AANIPR4026N
		3.0	4.5		AANIPR4035N
			6		AANIPR4036N
		4.0	4.5		AANIPR4045N
			6		AANIPR4046N
	4.5	0.6	4.5	Non-Hex	AANIPR4515N
			6		AANIPR4516N
		1.5	4.5		AANIPR4525N
			6		AANIPR4526N
		3.0	4.5		AANIPR4535N
			6		AANIPR4536N
		4.0	4.5		AANIPR4545N
			6		AANIPR4546N

ZrGEN Abutment C-Type

1x Abutment Screw included (AANMSF)

- Ti-base for Sirona Cerec User > CEREC
- In Lab CAD Software, compatible with Xive Library

System	Diameter	Cuff Height	Post Height	Post Size	Ref.C
AnyRidge	3.9	0.5	4.7	Small	ARCS3405
		1			ARCS3410
		2			ARCS3420
	4.3	0.5			ARCS3805
		1			ARCS3810
		2			ARCS3820
	5.5	0.5		Large	ARCL4505
		1			ARCL4510
		2			ARCL4520



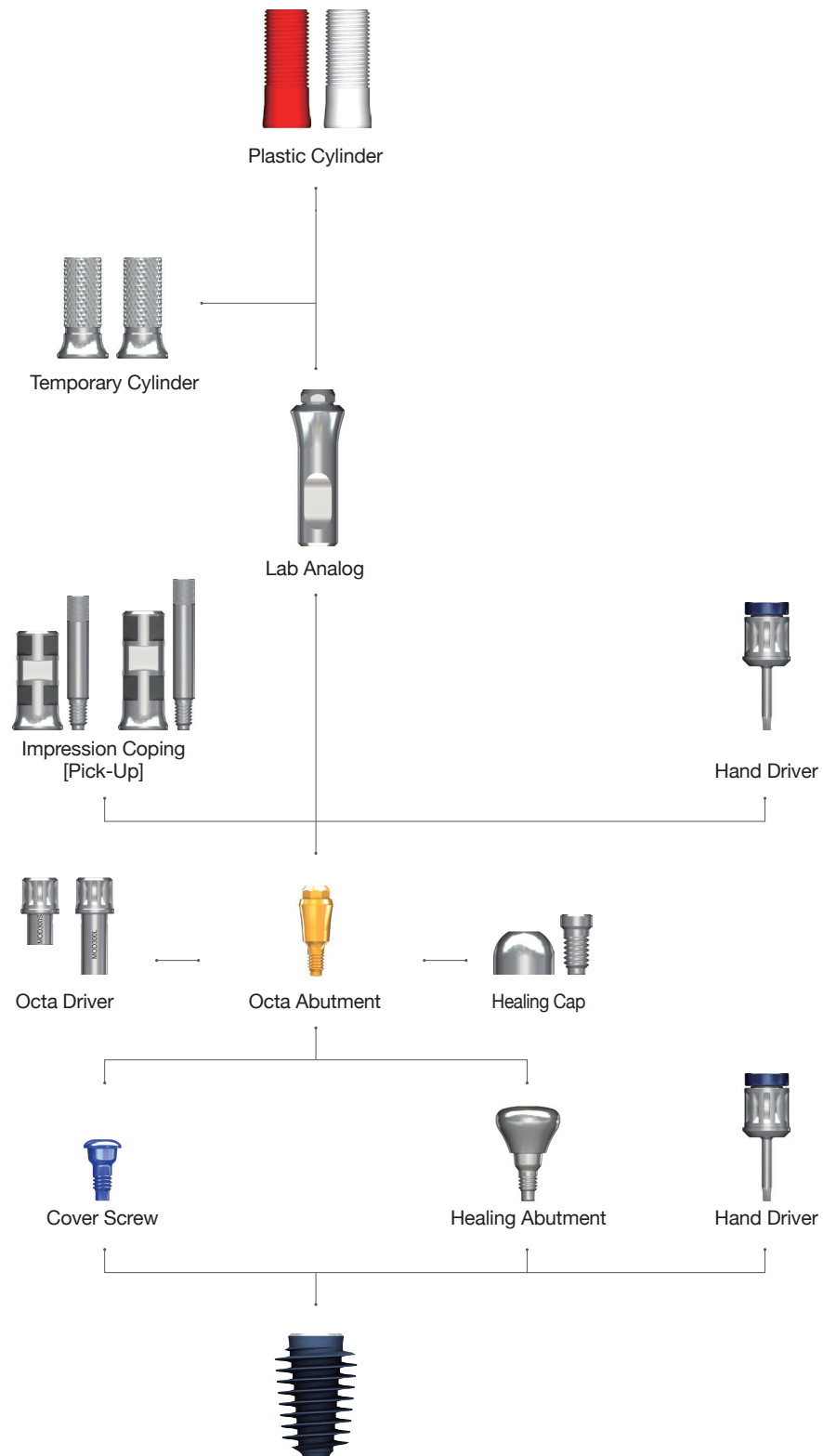
ZrGEN Abutments (Extra)

1x Abutment Screw included (AANMSF)

System	Diameter	Cuff Height	Post Height	Post Size	Ref.C
AnyRidge	5.0	0.6	4.5	hex	ARZXM5015
		1.5			ARZXM5025
		3.0			ARZXM5035
		0.6		non-hex	ARZXM5015N
		1.5			ARZXM5025N
		3.0			ARZXM5030N
		3.0			



II. Octa Abutment & Components



➔ Octa Abutment & Components

AnyRidge Octa Driver

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

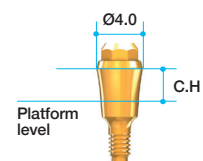
Height (mm)	Ref.C
7	MOD300S
13	MOD300L



Octa Abutment

- Use for manufacturing multiple screw-retained prosthetics.
- Recommended torque: 35Ncm
- Maximum path angle: 70°

Profile Diameter	Cuff Height (mm)	Ref.C
Ø4.0	1	AANOAF4010
	2	AANOAF4020
	3	AANOAF4030
	4	AANOAF4040
	5	AANOAF4050



Healing Cap

- Cylinder screw (IRCS200) included.
- Protects Octa Abutment and minimises irritation to the tongue and oral mucosa.

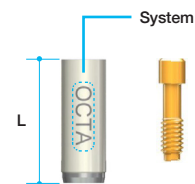
Profile Diameter	Ref.C
Ø4.0	AANOHC4000T



Scan Abutment [Octa]

- Cylinder screw (IRCS200) included.

Profile Diameter	Height (mm)	Ref.C
4.0	11	AOCESC4011T



Download www.r2gate.com
[Official] ZrGEN & TiGEN_OCTA Level

ZrGEN

- Cylinder screw (IRCS200) included.
- Compatible with the following dental CAD
- 3 Shape
- Exocad

Zr-base Optionen		Product Information					Ref.C
		Diameter (mm)	Cuff Height (h)	Post Height (mm)	Type (mm)		
Small	ZrGEN 3.8	5.0	0.8	5.0	Octa		AOCEPS5015
Regular	ZrGEN 4.8	5.5					AOCEPR5515
Wide	ZrGEN 5.8	6.5					AOCEPW6515
Small	ZrGEN 3.8	5.0	0.8	5.0	Non-Octa		ANOEPS5015
Regular	ZrGEN 4.8	5.5					ANOEPR5515
Wide	ZrGEN 5.8	6.5					ANOEPW6515



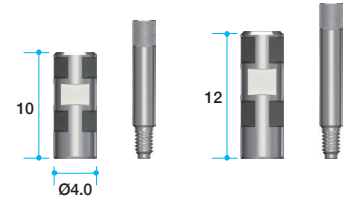
➔ Octa Abutment Components

Impression Coping

(Pick-Up)

- Guide pin (AAOPGP10 / AAOPGP12) included.
- Use with 1.2 Hex Hand Driver

Profile Diameter	Height (mm)	Type	Ref.C
Ø4.0	10.0	Octa	AAOIPO4010T
	12.0	Octa	AAOIPO4012T



Lab Analog

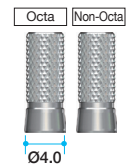
Profile Diameter	Ref.C
Ø3.8	AANOLA4000



Temporary Cylinder

- Cylinder screw (IRCS200) included
- Recommended torque - 25Ncm

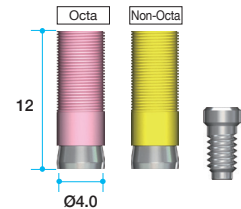
Profile Diameter	Type	Ref.C
Ø4.0	Octa	AANOTCO4010T
	Non-Octa	AANOTCN4010T



CCM Cylinder

- Cylinder screw (IRCS200 included)
- Threaded sleeves allow better retention of resin or wax
- Available in both octa (pink) and non-octa (yellow)
- Recommended torque - 35Ncm
- Can be casted with non-precious alloys (Ni-Cr, Cr-Co alloys)

Profile Diameter	Type	Ref.C
Ø4.0	Octa	AANCCO4000T
	Non-Octa	AANCCN4000T

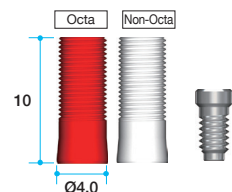


Plastic Cylinder

- Cylinder Screw(IRCS200) included.

- Use with a 1.2 hex driver.
- Used for customizing abutment a screw retained multi-unit restorations.
- Available in both octa (red) and non-octa (white)
- Threaded sleeves allow a better retention of resin or wax.
- Recommend torque: 25Ncm

Profile Diameter	Type	Ref.C
Ø4.0	Octa	AAOTCO4010T
	Non-octa	AAOTCN4010T



Octa Cylinder Screw

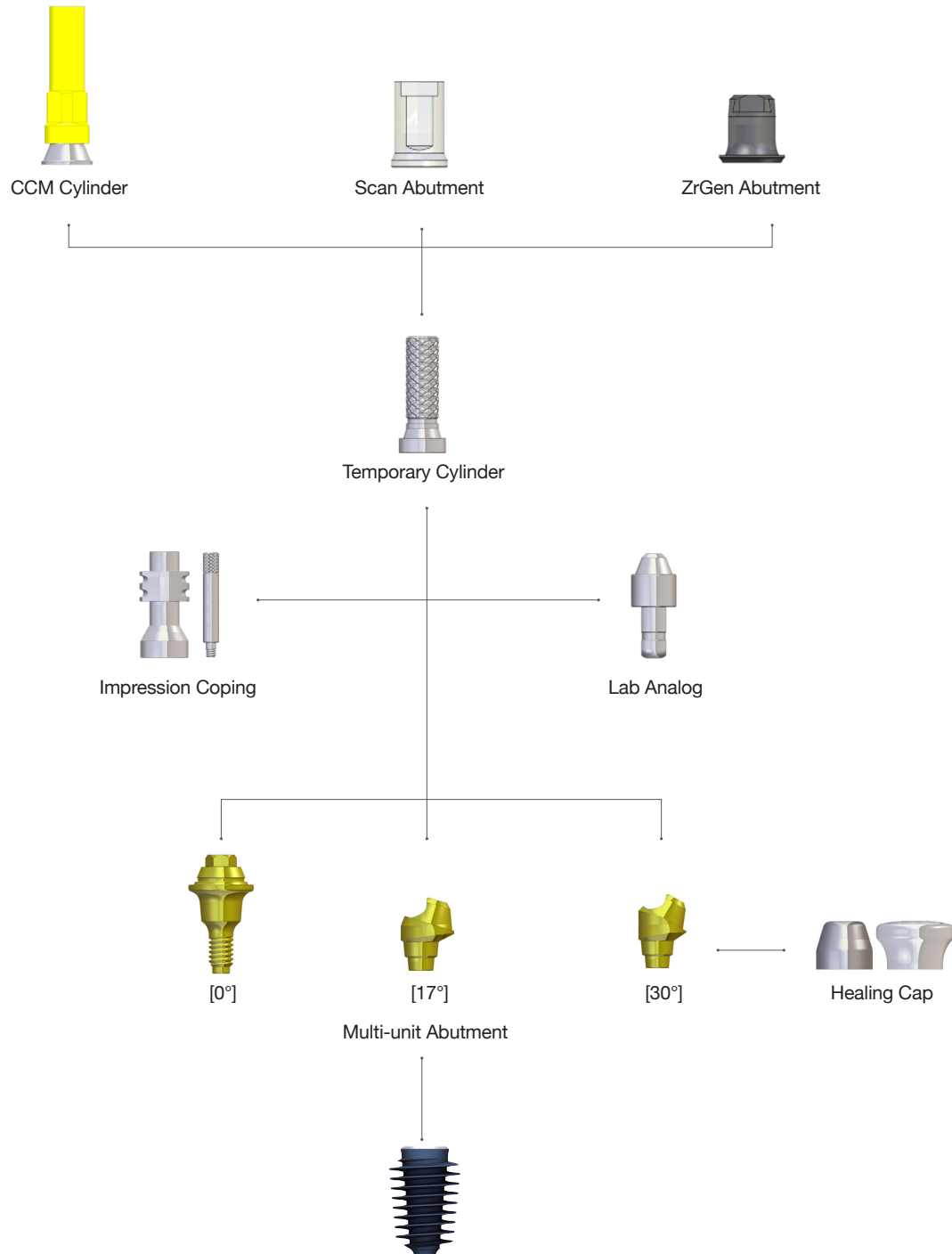
Ref.C
IRCS200



Abutment Level Prosthesis

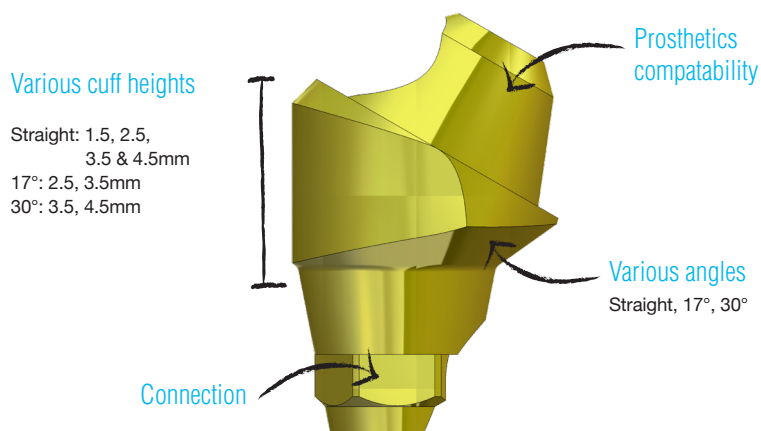
Multi-unit Abutment & Component

Used for multiple screw retained restorations (All-on-4) (N_Type)



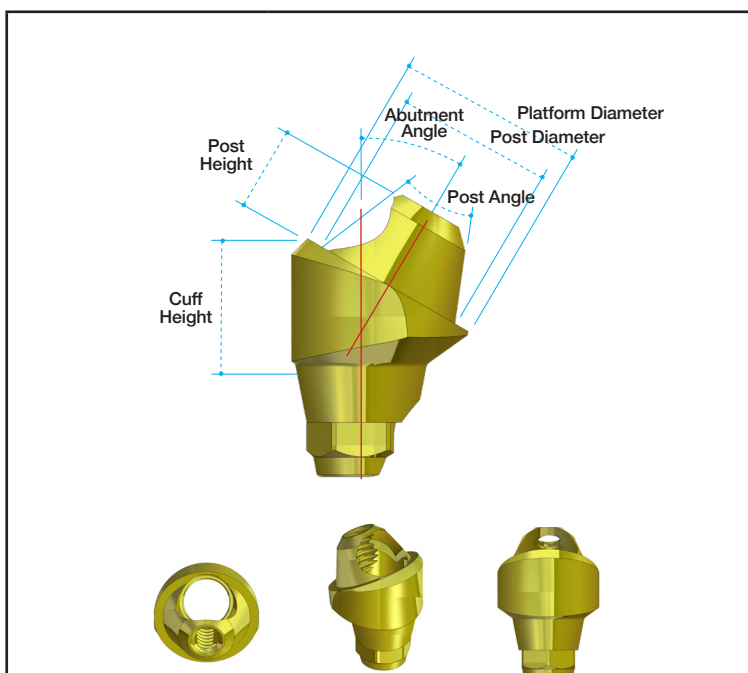
Multi-unit Abutment™

The solution for edentulous patients



Benefits

1. Easy and economical treatment solution for compromised edentulous patients.
2. Expensive and time consuming bone grafting may not be necessary.
3. Multiple angles (0°, 17°, 30°) support different implant insertion paths.



Compatibility with Nobel Multi-unit Prosthetic

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

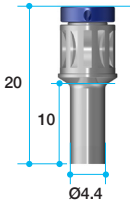
Platform Diameter	Ø4.8	
Post Height	2.2mm	
Post Diameter	Ø4	
Post Angle	44°	
Abutment Angle	17°	30°
Cuff Height	2.5 / 3.5	3.5 / 4.5

➡ Multi-unit Abutment Drivers

Multi-unit Driver

- Use to insert and tighten straight type Multi-unit Abutments.
- Use with a torque wrench (**ref code: MTW300A**)

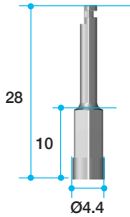
Hex	Length	Ref.C
2.0	10	MUD10



Right Angle Driver

- Use to insert and tighten straight type Multi-unit Abutments.
- Use with latch-type handpiece.
- Use with Meg-TORQ (**ref code: MEG_TORQ**)

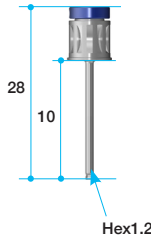
Hex	Length	Ref.C
2.0	10	MURAD10



Hand Driver

- Use to insert and tighten a Multi-unit Abutment Screw with 1.2 hex.
- Use up to 15° divergent.
- It should use under 30Ncm torque.

Hex	Length	Ref.C
1.2	8	MUHD1208
	20	MUHD1220



➡ Multi-unit Abutment

Straight Multi-unit Abutment Carrier

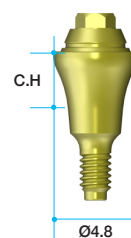
Ref.C
MUASC

Multi-unit Abutment [AR] - Straight

- MUA Straight Carrier (MUASC) included

- Use with MUD10 driver
- Recommend torque : 35Ncm

Cuff Height (mm)	Type	Ref.C
1.5	1-piece (M1.8)	MUAARN0015C
2.5		MUAARN0025C
3.5		MUAARN0035C
4.5		MUAARN0045C



Angled Multi Unit Abutment Carrier

Ref.C
MUAAC

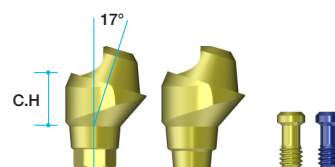
Multi-unit Angled Abutment [AR] - 17°

- Multi Unit Abutment Screw (MUAARST - Blue & MUAARSF - Gold) included

- MUA Angled Carrier (MUAAC) included

- Recommend torque : 25Ncm
- Use with MURAD10 driver

Cuff Height (mm)	Type	Ref.C
2.5	Hex	MUAARH1725LC
3.5		MUAARH1735LC
4.5		MUAARH1745LC
2.5	Non-Hex	MUAARN1725LC
3.5		MUAARN1735LC
4.5		MUAARN1745LC



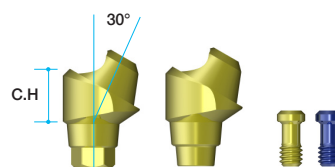
Multi-unit Angled Abutment [AR] - 30°

- Multi Unit Abutment Screw (MUAARST - Blue & MUAARSF - Gold) included

- MUA Angled Carrier (MUAAC) included

- Recommend torque : 25Ncm
- Use with MURAD10 driver

Cuff Height (mm)	Type	Ref.C
3.5	Hex	MUAARH3035LC
4.5		MUAARH3045LC
3.5	Non-Hex	MUAARN3035LC
4.5		MUAARN3045LC



Multi-unit Abutment Screw (N-Type)

- Use with 1.2 hex driver

Type	Ref.C
Blue - Temporary	MUAARST
Gold - Final	MUAARSF

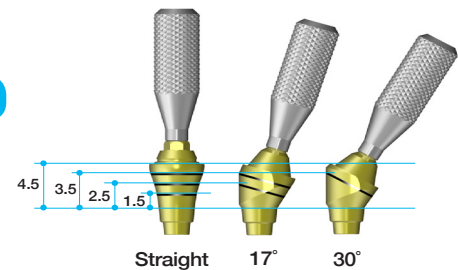


➡ Components for Multi-unit Abutment (Continued)

Try-in Abutment

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

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

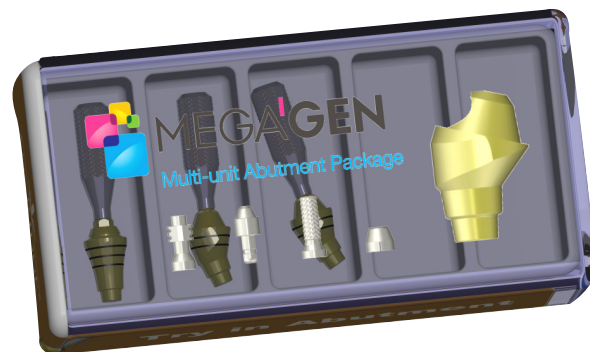


Try-in Abutment Set

Ref.C
MUTIAAO00CP



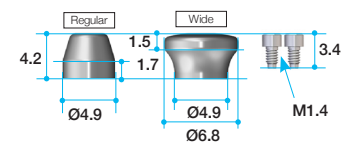
※ Kit contains Straight, 17° and 30° type of Try-in Abutments (1 each)



Healing Cap

- Cylinder Screw (MUAS) 2ea included
- The size of healing cap can be selected depending on soft tissue volume or type of restorations.

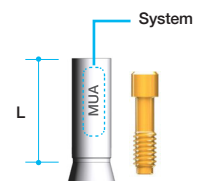
Type	Ref.C
Regular	MUAHCL
Wide	MUAHCWL
Regular (SET of 5)	MUAHCLP
Wide (SET of 5)	MUAHCWLP



Scan Abutment [MUA]

Cylinder screw (MUAS) included

Diameter (ø)	Height (mm)	Ref.C
4.0	13	AMUASR4013T



ZrGEN

Compatible with the following dental CAD

- 3 Shape
- Exocad



Download www.r2gate.com
[Official]ZrGEN_Multi-unit

Product Information

Zr_base Option In Exocad		Profile Diameter (mm)	Cuff height (mm)	Post height (mm)	Ref.C
Regular	ZrBase	5.5	0.8	5.0	AMUAPR5515

Library Name: MGG Multi-unit(SCAN13)

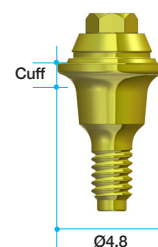


➡ Multi-unit Abutment

Multi-unit Abutment [AR] - Straight

Packungsinhalt:
Abutment und Platzierungshilfe

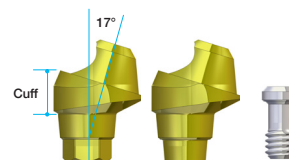
Gingivahöhe (GH) mm	Typ	Ref.C
1.5	1-piece (M1.8)	MUAARN0015C
2.5		MUAARN0025C
3.5		MUAARN0035C
4.5		MUAARN0045C



Multi-unit Abutment [AR] - 17°

Packungsinhalt:
Abutment, Abutmentschraube (MUAS) und
Platzierungshilfe

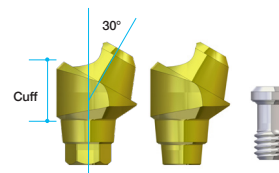
Gingivahöhe (GH) mm	Typ	Ref.C
2.5	Hex	MUAARH1725LC
3.5		MUAARH1735LC
4.5		MUAARH1745LC
2.5	Non-Hex	MUAARN1725LC
3.5		MUAARN1735LC
4.5		MUAARN1745LC



Multi-unit Abutment [AR] - 30°

Packungsinhalt:
Abutment, Abutmentschraube (MUAS) und
Platzierungshilfe

Gingivahöhe (GH) mm	Typ	Ref.C
3.5	Hex	MUAARH3035LC
4.5		MUAARH3045LC
3.5	Non-Hex	MUAARN3035LC
4.5		MUAARN3045LC

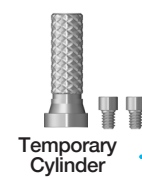
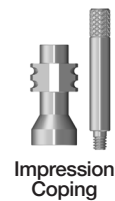
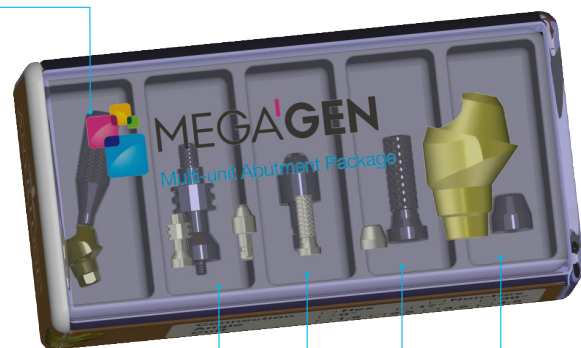
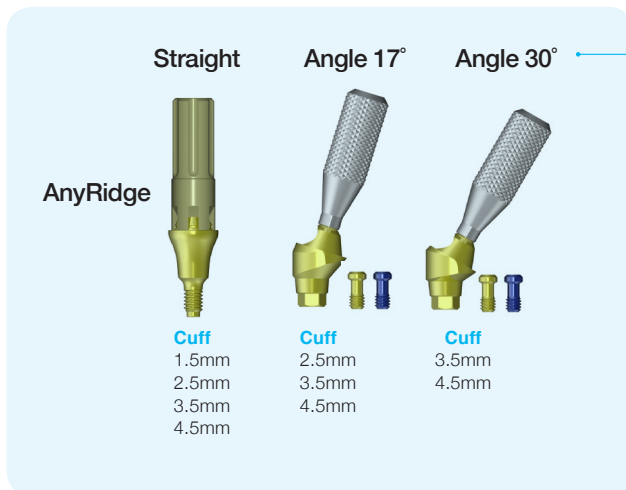


►► Multi-unit Abutment Package Contents

Multi-unit Abutment **Healing cap** set Reference code

Ref.C: Add "HP" after the existing reference code.

Example: MUAARH1725LC → MUAARH1725**HP**



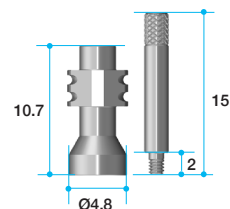
➔ Components for Multi-unit Abutment

Impression coping (Pick-up)

- Guide pin (MUAGP) included

- Use to take an impression at the abutment level.
- Open tray method.
- Use with 1.2 hex driver

Connection	Ref.C
Non-Hex	MUAICT



Guide Pin (Pick-up) (N-Type)

- Use with 1.2 hex driver

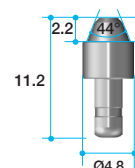
Ref.C
MUAGP



Lab Analog

- Use to duplicate the Multi-unit abutment in the working model.
- Available to use as a RP Analog for 3D printed working model.

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

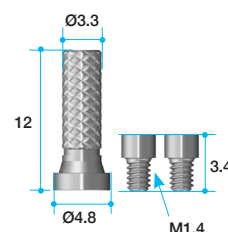


Temporary Cylinder

- Cylinder Screw (MUAS) included

- Use with 1.2 hex driver
- Use for fabricating acrylic provisional restoration.
- Grooving on the post allows for strong resin adherence.
- Back-up screw is included.
- Recommend torque : 15Ncm

Connection	Ref.C
Non-Hex	MUATCL

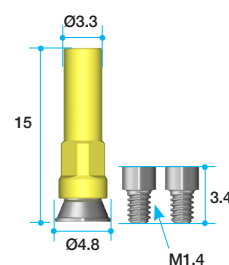


CCM Cylinder

- Cylinder Screw (MUAS) 2EA included

- Use with 1.2 hex driver
- Use for fabricating screw retained prostheses with metal reinforced or bar structured overdentures.
- Available to cast with non-precious dental alloys (Ni-Cr, Cr-Co alloys)
- Melting temperature of CCM base: 1380 - 1420°C
- Back-up screw is included.
- Recommend torque : 15Ncm

Connection	Ref.C
Non-Hex	MUACCML



Multi Unit Cylinder Screw (N-Type)

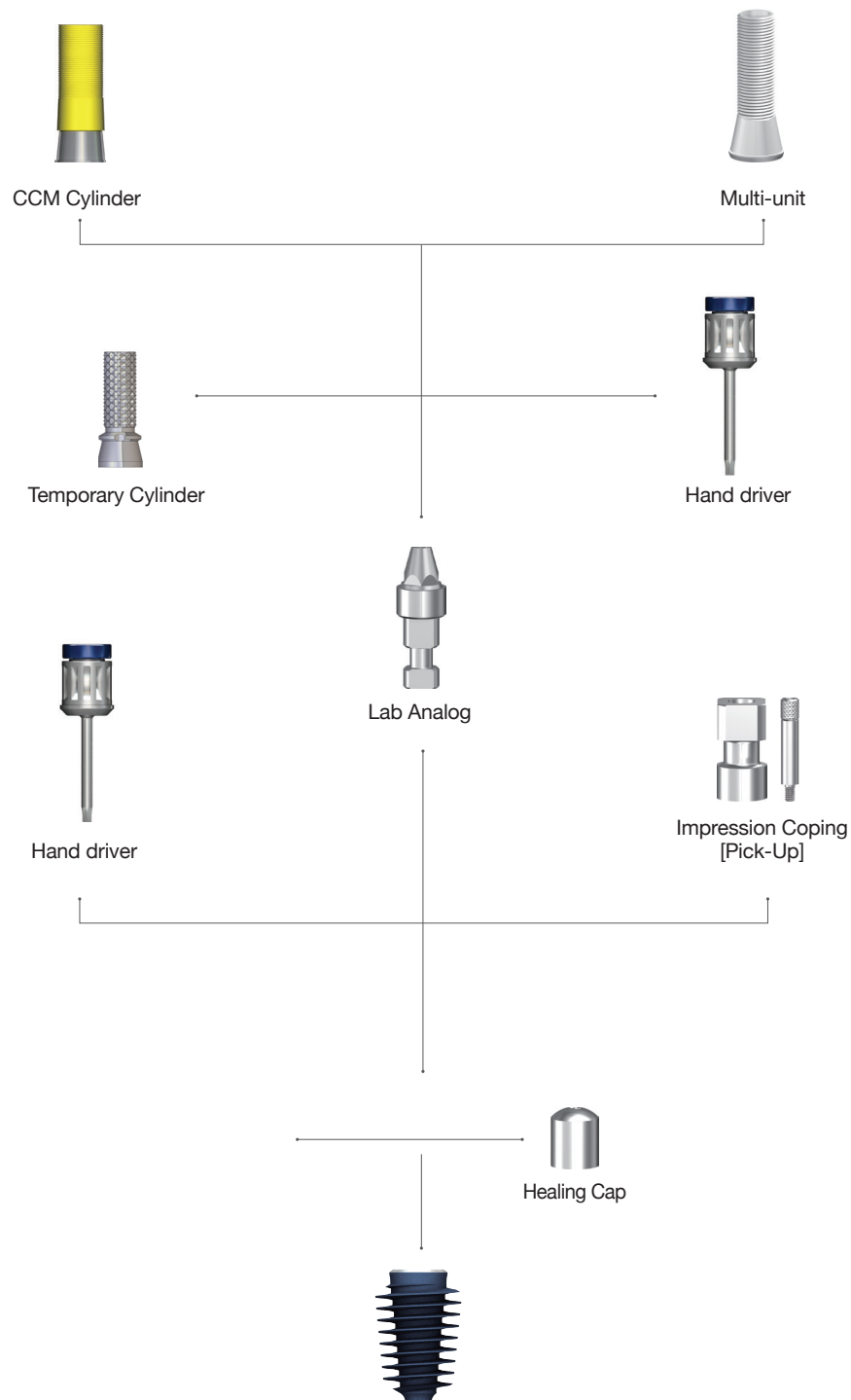
- Use with 1.2 hex driver

Ref.C
MUAS



II. Abutment Level Prosthesis

3-2. Multi-unit Abutment & Components (All-on-4) (S-Type)



* S-Type Multi-unit Abutments are no longer available, just components to restore old cases. Please refer to page for the updated design of Multi-unit Abutments.

➡ Healing Cap, Impression Coping, Lab Analog & Temporary Cylinder for Multi-unit Abutment

Healing Cap

Profile Diameter	Ref.C
Ø5.0	REC600

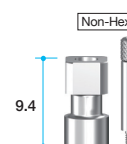


Impression Coping Guide Pin (Pick-Up)

- Guide Pin (RICG150) included

- Use with 1.2 hex driver

Height (mm)	Type	Ref.C
9.4	Non-Hex	RIEN480T



Impression Coping (Pick-Up) (S-type)

- Use with 1.2 hex driver

Ref.C
RICG1500



Lab Analog

Profile Diameter	Ref.C
Ø4.8	RELA300



Temporary Cylinder

- Cylinder Screw (TASH140) included

- Recommend torque : 15Ncm
- Use with 1.2 hex driver

Profile Diameter	Type	Ref.C
Ø4.8	Non-Hex	ETN100T



➡ Permanent Cylinder for Multi-unit Abutment

CCM Cylinder

- Cylinder Screw (TASH140) included
- Use with 1.2 hex driver
- Can be casted with non-precious alloys (Ni-Cr, Cr-Co alloys).
- Non-precious melting temperature : Depends on Manufacturer
- Threaded sleeves for convenient Resin / Wax-up.
- Melting temperature of CCM : 1380 - 1420°C
- Recommend torque : 15Ncm

Profile Diameter	Sleeve Color	Ref.C
Ø4.8	Yellow	RCA5013NT



Plastic Cylinder

- Cylinder Screw (TASH140) included
- Recommend torque : 15Ncm
- Use with 1.2 hex driver

Profile Diameter	Sleeve Color	Ref.C
Ø5.2	White	RPEN100T



Multi-unit Cylinder Screw (S-Type)

- Use with 1.2 hex driver

Ref.C
TASH140



Overdenture Prosthesis

Meg-Rhein Abutment & Components



Retentive Cap set



Lab Analog



Impression Coping



Meg-Rhein Abutment



➡ Meg-Rhein Overdenture System

Meg-Rhein Overdenture System

- 1 Meg-Rhein Abutment
- 1 Plastic Carrier (can be used to take a transfer impression.)
- 1 Stainless Steel Housing
- 1 Protective Disk
- 5 Retentive Caps
(Black-Lab, Yellow-0.6kg, Pink-1.2kg, White-1.8kg, Violet-2.7kg)


- Perfect compatability with Rhein83 from Italy.
- Recommended torque: 15nCM
- Empfohlener Drehmoment: 15 Ncm

Cuff height (mm)	Ref.C
0	ADR00P
1.0	ADR01P
2.0	ADR02P
3.0	ADR03P
4.0	ADR04P
5.0	ADR05P
6.0	ADR06P



►► Overdenture System

Advantages

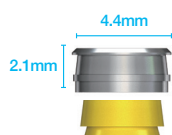
Small & Easy-to-Use Housing System 

Tilting Angle

Various Retentive Caps of the Meg-Rhein

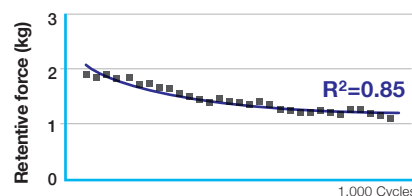
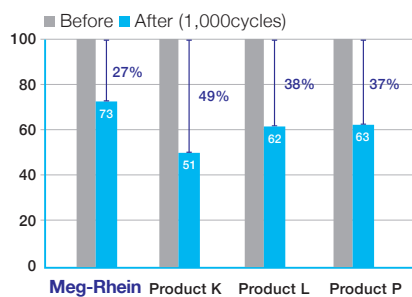
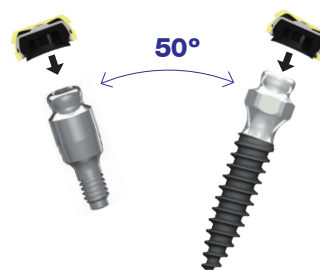
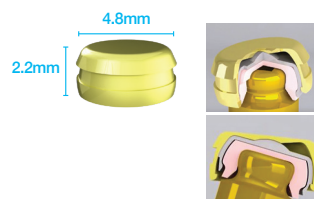
Low Reduction Rate & Uniform Variance of Retentive Force

Normal



NEW!!

Dynamic



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

➡ Meg-Rhein Overdenture System

Meg-Rhein Overdenture System

- 1 Meg-Rhein Abutment
 - 1 Plastic Carrier (can be used to take a transfer impression)
 - 1 Stainless Steel Housing
 - 1 Protective Disk
 - 5 Retentive Caps
(Black-Lab, Yellow-0.6kg, Pink-1.2kg, White-1.8kg, Violet-2.7kg)
- Perfect compatibility with the Rhein83 from Italy.
 - Recommend torque : 15Ncm.

Cuff Height (mm)	Ref.C
0	ADR00P
1.0	ADR01P
2.0	ADR02P
3.0	ADR03P
4.0	ADR04P
5.0	ADR05P
6.0	ADR06P

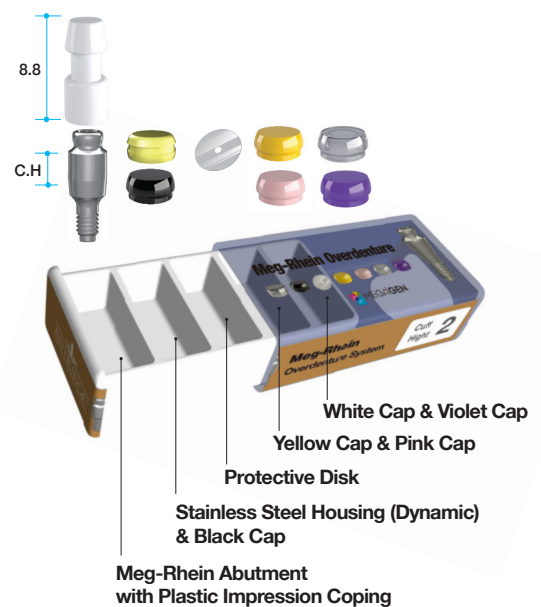


Meg-Rhein Overdenture System (Dynamic)

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

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

Cuff Height (mm)	Ref.C
0	ADR00PA
1.0	ADR01PA
2.0	ADR02PA
3.0	ADR03PA
4.0	ADR04PA
5.0	ADR05PA
6.0	ADR06PA



➡ Components for Meg-Rhein Abutment

5 Stainless Steel Housing

- 5ea/pack

Ref.C

MHP

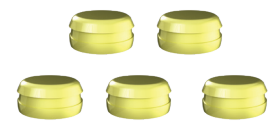


5 Stainless Steel Housing (Dynamic)

- 5ea/pack

Ref.C

THP



5 Processing Caps (Black)

- For laboratory use

Ref.C

RCBP



5 Retentive Caps (Yellow)

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

Ref.C

RCYP



5 Retentive Caps (Pink)

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

Ref.C

RCPP



5 Retentive Caps (White)

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

Ref.C

RCWP



5 Retentive Caps (Violet)

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

Ref.C

RCVP



10 Protective
Disks (Clear)

Ref.C

100PD



Stainless Impression
Coping (Pick-Up)

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

Ref.C

044CAIN



Lab Analog

Ref.C

PLA

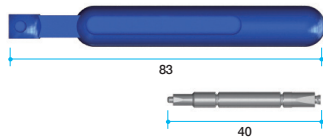


Retentive Cap
Insertion Tool

- Retentive Cap insertion tool.

Ref.C

091EC



Retentive Cap
Removal Tool

- Retentive Cap removal tool.

Ref.C

085IAC

