

ANYONE[®] Internal

by MEGA'GEN

Tissue friendly,
Operator friendly and
Patient friendly





ANYONE Internal

by MEGA'GEN



Key Advantages

Anyone® can be enjoyed by anyone from the beginner to the most experienced implantologist.

Simplified compatible & Single platform prosthetics (11° Internal Hex Connection).

004 Characteristics & Advantages

004 I. Design Concept

005 II. Variety of AnyOne Fixtures

006 III. Features

008 Fixture Product

008 I. Fixture Dimension

010 II. Fixture Size

013 Cover Screw & Healing Abutment

016 Abutment & Prosthetic Options

016 I. Fixture Level Prosthesis

022 II. Abutment Level Prosthesis

022 1. Solid Abutment & Components

025 2. Octa Abutment & Components

029 3-1. Multi-unit Abutment & Components(N_Type)

040 3-2. Multi-unit Abutment & Components(S_Type)

044 4. Flat Abutment & Components

047 5. EZ CROWN & Components

053 III. Overdenture Prosthesis

053 1. MegaGen Overdenture System

054 2. Meg-Loc Abutment & Components

057 3. Meg-Ball Abutment & Components

060 4. Meg-Magnet Abutment & Components

063 5. Meg-Rhein Abutment & Components

068 AnyOne Kit

068 I. Surgical Kit

076 II. Stopper Drill Kit

077 III. Prosthetic Kit

079 IV. Bone Profiler Kit

080 V. Optional components

084 R2 Full Surgical KIT

090 Anchor Kit

092 Digital Material

092 I. ZrGEN

092 II. TiGEN

102 Clinical Case

Characteristics & Advantages

I. Design Concept

AnyOne® implant system was developed to be Tissue friendly, Operator friendly, and Patient friendly (T.O.P concept).

From a novice to an expert, every body can enjoy the benefits that AnyOne offers. The convenience of implant placement, the initial stability, excellent soft & hard tissue response and overall shorter treatment time are just few reasons that AnyOne will become your implant choice. Patients can expect minimally invasive surgery with less pain, shorter healing time, and a more esthetic final restoration. The AnyOne implant system truly offers a better experience and satisfaction to both the dentist and the patient.

1. Tissue friendly



- Improved surface treatment - XPEED®
- Better crestal bone response due to stress reduction design
- Better cancellous bone response due to evenly-distributed stress
- Better soft tissue response thanks to the bio-friendly S-line shape

2. Operator friendly



- Simplified surgical protocol giving predictable initial stability
- Simplified & compatible, single platform prosthetics
- Secure osteointegration with shortened healing times
- High osseointegration

3. Patient friendly

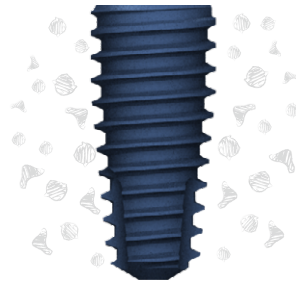


- Minimally invasive surgery
- Shorter recovery and treatment time
- Enhanced esthetic results

II. Variety of AnyOne Fixtures

AnyOne has a variety of choices.

1. Easy and convenient “Regular Thread”



For Hard Bone

Easy and Simple placement for all cases.

Ø3.5, Ø4.0, Ø4.5, Ø5.0, Ø6.0, Ø7.0

2. “Deep Thread” for stronger initial fixation



For Soft Bone

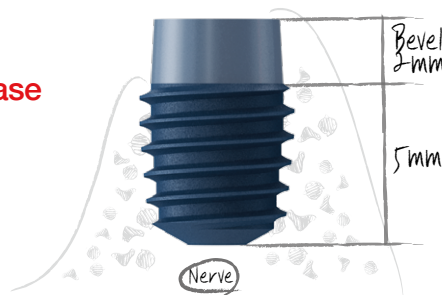
New design with extended thread gives substantially stronger initial stability for soft bone application.

Ø4.5, Ø5.5, Ø6.5, Ø7.5, Ø8.0



Deep Thread

3. “Special 7mm” essential for special case



For Irregular Ridge

This ‘Special 7mm’ fixture can be used for non-uniform bone loss case with limited available vertical dimension.

Ø4.5, Ø5.0, Ø6.0, Ø7.0



7mm Implant

III. Features

Simplified surgical protocol with predictable initial stability

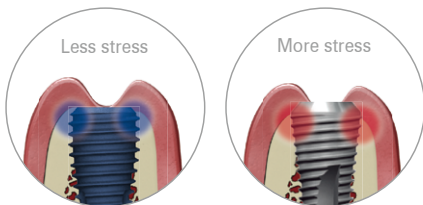


Fixture design allows easier drilling in any bone density, while ensuring high initial stability

Diverse prosthetic options for convenient solutions

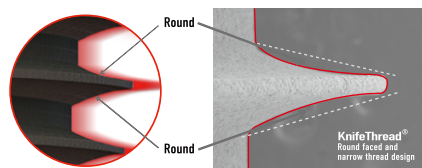
Convenient single prosthetic connection for all fixture sizes with 11° internal hex connection

Reduces stress on crestal bone



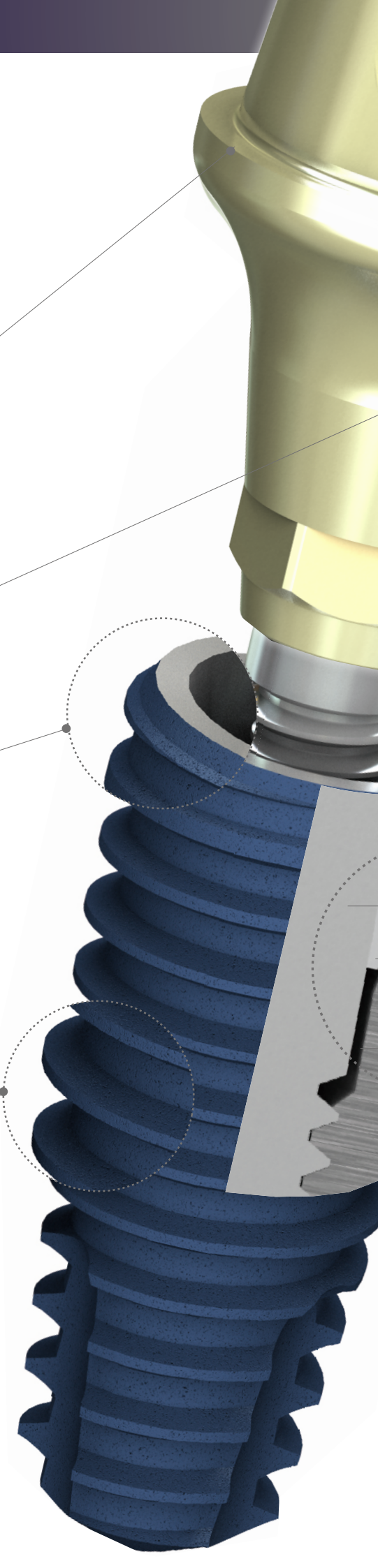
KnifeThread®

Distributes stress on cancellous bone



- Placing fixture in alveolar bone is easier to control due to straight upper portion of fixture
- Crestal bone loss is minimized by reducing stress on cortical bone

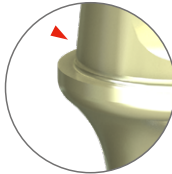
- Best ISQ values due to special **KnifeThread®** design
- Higher initial stability in any bone density due to KnifeThread super self-tapping design
- Ongoing bone condensing & ridge expansion
- Maximizes resistance to compressive force
- Minimizes production of shear force





Advantage for esthetic & CAD / CAM prosthetics

Sloped shoulder margin of AnyOne abutments are ideal for CAD/CAM zirconia prosthetics



Excellent soft tissue response

Biological S-line provides seamless natural-looking & more functional emergence profile

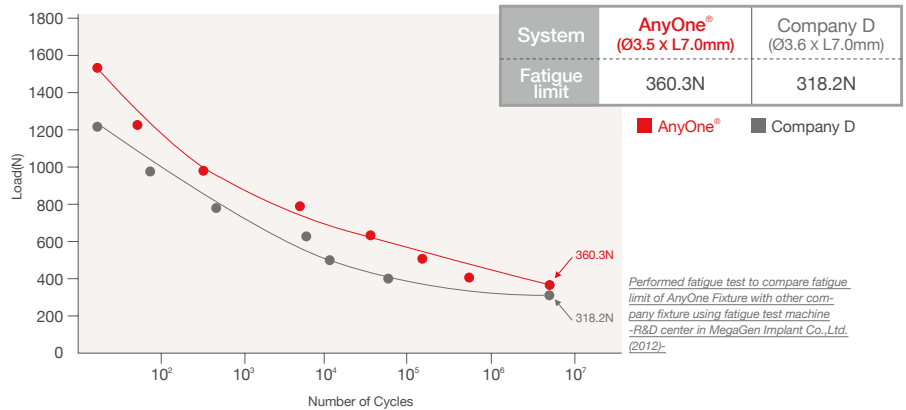


Higher strength

- Ø4.5 can be used in molar area without concern of fracturing
- AnyOne wide parallel-wall design is more resistant to fracturing than most other fixtures
- AnyOne is applicable to most cases, reducing need for GBR

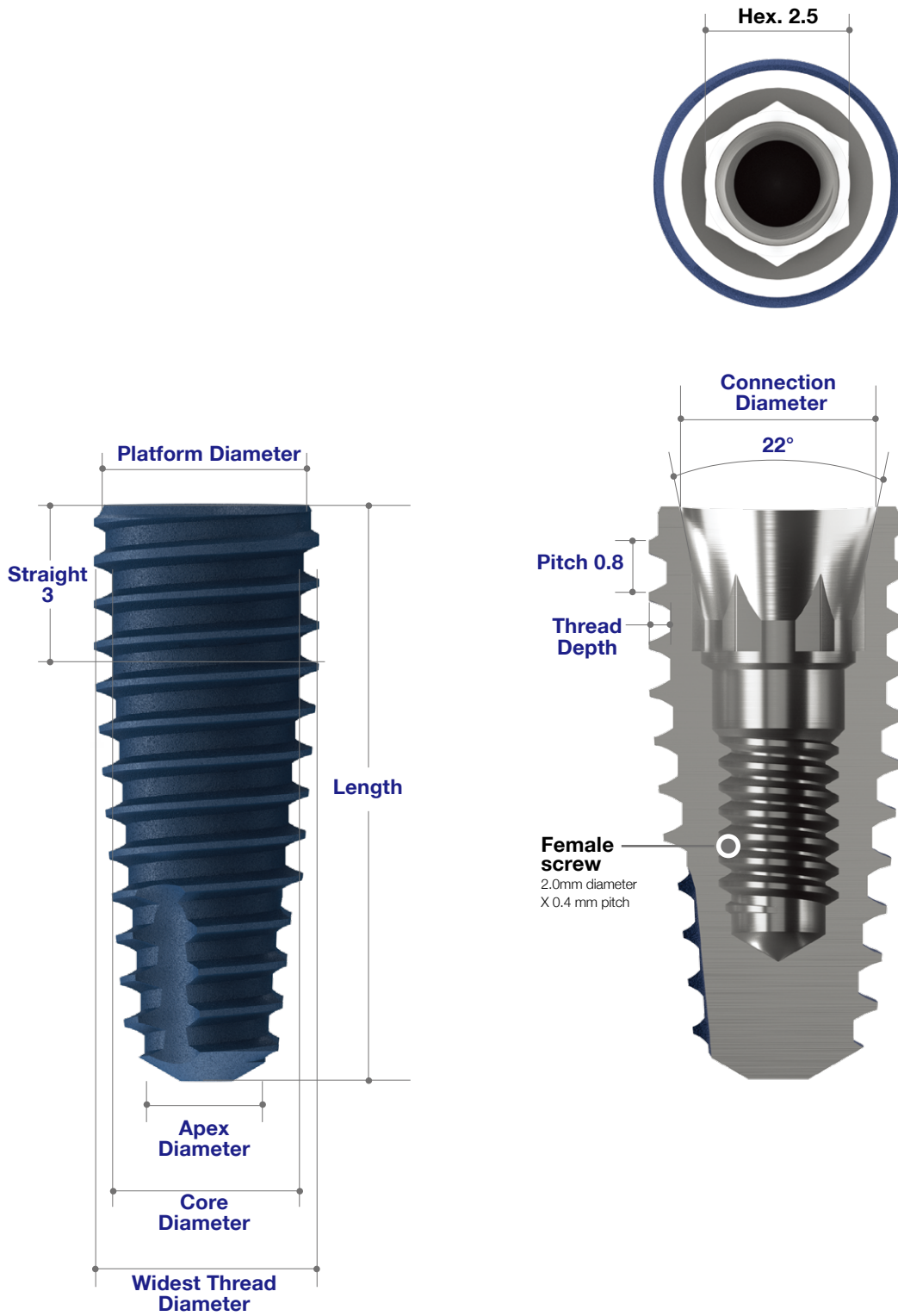


Fatigue test



Fixture Product

I. Fixture Dimension



Fixture Size Variation

• Regular Thread

Fixture Diameter	Widest thread Diameter	Platform Diameter	Apex Diameter	Core Diameter (Thread Depth)	Length(mm)	Connection Diameter
Ø3.5	Ø3.9	Ø3.5	Ø2.6	Ø3.4(0.25)	7.0 / 8.0 / 9.5 / 11.0 / 12.5 / 14.5	Ø3.1
Ø4.0	Ø4.3	Ø3.9	Ø3.0	Ø3.6(0.35)	7.0 / 8.0 / 9.5 / 11.0 / 12.5 / 14.5	Ø3.3
Ø4.5	Ø4.8	Ø3.9	Ø3.5	Ø4.1(0.35)	7.0 / 8.0 / 9.5 / 11.0 / 12.5 / 14.5	Ø3.3
Ø5.0	Ø5.3	Ø3.9	Ø3.6	Ø4.6(0.35)	7.0 / 8.0 / 9.5 / 11.0 / 12.5 / 14.5	Ø3.3
Ø6.0	Ø6.3	Ø3.9	Ø4.6	Ø5.6(0.35)	7.0 / 8.0 / 9.5 / 11.0 / 12.5	Ø3.3
Ø7.0	Ø7.3	Ø3.9	Ø5.7	Ø6.6(0.35)	7.0 / 8.0 / 9.5 / 11.0 / 12.5	Ø3.3

• (Excluding length 7 & 8.5)

• Deep Thread

Fixture Diameter	Widest thread Diameter	Platform Diameter	Apex Diameter	Core Diameter (Thread Depth)	Length(mm)	Connection Diameter
Ø4.5	Ø4.8	Ø3.9	Ø3.5	Ø3.6(0.6)	7.0 / 8.0 / 9.5 / 11.0 / 12.5 / 14.5	Ø3.3
Ø5.5	Ø5.8	Ø3.9	Ø4.1	Ø4.6(0.6)	7.0 / 8.0 / 9.5 / 11.0 / 12.5 / 14.5	Ø3.3
Ø6.5	Ø6.8	Ø3.9	Ø5.1	Ø5.6(0.6)	7.0 / 8.0 / 9.5 / 11.0 / 12.5 / 14.5	Ø3.3
Ø7.5	Ø7.8	Ø3.9	Ø6.2	Ø6.6(0.6)	7.0 / 8.0 / 9.5 / 11.0 / 12.5 / 14.5	Ø3.3
Ø8.0	Ø8.3	Ø3.9	Ø6.7	Ø6.6(0.85)	7.0 / 8.0 / 9.5 / 11.0 / 12.5	Ø3.3

• (Excluding length 7 & 8.5)

• Special 7mm

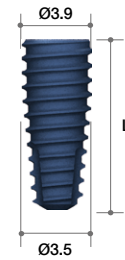
Fixture Diameter	Widest thread Diameter	Platform Diameter	Apex Diameter	Core Diameter (Thread Depth)	Length(mm) (Bevel H)	Connection Diameter
Ø4.5	Ø4.8	Ø3.9	Ø3.5	Ø4.1(0.35)	7(2)	Ø3.3
Ø5.0	Ø5.3	Ø3.9	Ø3.6	Ø4.6(0.35)	7(2)	Ø3.3
Ø6.0	Ø6.3	Ø3.9	Ø4.6	Ø5.6(0.35)	7(2)	Ø3.3
Ø7.0	Ø7.3	Ø3.9	Ø5.7	Ø6.6(0.35)	7(2)	Ø3.3

II. Fixture Size

Regular Thread Ø3.5

- Cover Screw(cs) included

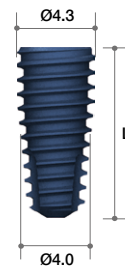
Diameter	Length(mm)	Ref.C
Ø3.5	7.0	IF3507C
	8.5	IF3508C
	10.0	IF3510C
	11.5	IF3511C
	13.0	IF3513C
	15.0	IF3515C



Regular Thread Ø4.0

- Cover Screw(cs) included

Diameter	Length(mm)	Ref.C
Ø4.0	7.0	IF4007C
	8.5	IF4008C
	10.0	IF4010C
	11.5	IF4011C
	13.0	IF4013C
	15.0	IF4015C



Regular Thread Ø4.5

- Cover Screw(cs) included

Diameter	Length(mm)	Ref.C
Ø4.5	7.0	IF4507C
	8.5	IF4508C
	10.0	IF4510C
	11.5	IF4511C
	13.0	IF4513C
	15.0	IF4515C



Regular Thread Ø5.0

- Cover Screw(cs) included

Diameter	Length(mm)	Ref.C
Ø5.0	7.0	IF5007C
	8.5	IF5008C
	10.0	IF5010C
	11.5	IF5011C
	13.0	IF5013C
	15.0	IF5015C



Regular Thread Ø6.0

- Cover Screw(cs) included

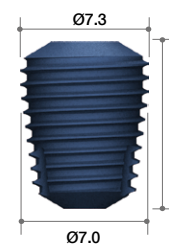
Diameter	Length(mm)	Ref.C
Ø6.0	7.0	IF6007C
	8.5	IF6008C
	10.0	IF6010C
	11.5	IF6011C
	13.0	IF6013C



Regular Thread Ø7.0

- Cover Screw(cs) included

Diameter	Length(mm)	Ref.C
Ø7.0	7.0	IF7007C
	8.5	IF7008C
	10.0	IF7010C
	11.5	IF7011C
	13.0	IF7013C



Deep Thread Ø4.5

- Cover Screw(cs) included

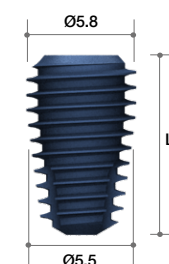
Diameter	Length(mm)	Ref.C
Ø4.5	7.0	IF4507DC
	8.5	IF4508DC
	10.0	IF4510DC
	11.5	IF4511DC
	13.0	IF4513DC
	15.0	IF4515DC



Deep Thread Ø5.5

- Cover Screw(cs) included

Diameter	Length(mm)	Ref.C
Ø5.5	7.0	IF5507DC
	8.5	IF5508DC
	10.0	IF5510DC
	11.5	IF5511DC
	13.0	IF5513DC
	15.0	IF5515DC

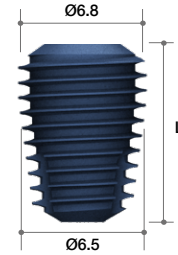


➔ Fixture Size

Deep Thread Ø6.5

- Cover Screw(cs) included

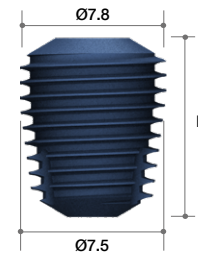
Diameter	Length(mm)	Ref.C
Ø6.5	7.0	IF6507DC
	8.5	IF6508DC
	10.0	IF6510DC
	11.5	IF6511DC
	13.0	IF6513DC
	15.0	IF6515DC



Deep Thread Ø7.5

- Cover Screw(cs) included

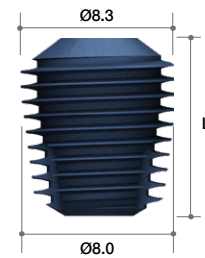
Diameter	Length(mm)	Ref.C
Ø7.5	7.0	IF7507DC
	8.5	IF7508DC
	10.0	IF7510DC
	11.5	IF7511DC
	13.0	IF7513DC
	15.0	IF7515DC



Deep Thread Ø8.0

- Cover Screw(cs) included

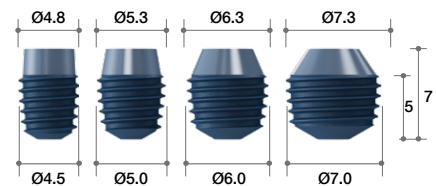
Diameter	Length(mm)	Ref.C
Ø8.0	7.0	IF8007DC
	8.5	IF8008DC
	10.0	IF8010DC
	11.5	IF8011DC
	13.0	IF8013DC



Special Length

- Cover Screw(cs) included

Diameter(mm)	Length(mm)	Ref.C
Ø4.5	7.0	IF4507SC
Ø5.0		IF5007SC
Ø6.0		IF6007SC
Ø7.0		IF7007SC



Cover Screw & Healing Abutment

Cover Screw

- Used for two stage surgical protocol.
- Protects the inner portion and platform of the fixture after placing.
- Uses Hand Driver (1.2 Hex).
- Recommend torque : by hand (5 - 8Ncm)
- Aoucs5005-Used for Ø3.5/Ø4.0/Ø4.5 fixture
- Aoucs6005-Used for Ø5.0 fixture

Profile Diameter	Height (mm)	Color	Ref.C
Ø3.5	0.5	Magenta	CS
Ø3.7	1.0	Magenta	CS1
Ø4.1	2.0	Magenta	CS2
Ø5.0	0.5	Gold	AOUCS5005
Ø6.0	0.5	Magenta	AOUCS6005



Healing Abutment

- Creates the emergence profile of the gingival tissue during healing.
- Uses Hand Driver (1.2 Hex).
- Recommend torque : by hand (5 - 8Ncm)



Diameter(mm)	Height(mm)	Ref.C
Ø4.0	2.5	HA4025
	3.0	HA4030
	4.0	HA4040
	5.0	HA4050
	6.0	HA4060
	7.0	HA4070
	8.0	HA4080
	9.0	HA4090
Ø4.5	2.5	HA4525
	3.0	HA4530
	4.0	HA4540
	5.0	HA4550
	6.0	HA4560
	7.0	HA4570
	8.0	HA4580
	9.0	HA4590
Ø5.5	3.0	HA5530
	4.0	HA5540
	5.0	HA5550
	6.0	HA5560
	7.0	HA5570
	8.0	HA5580
9.0	HA5590	

Diameter(mm)	Height(mm)	Ref.C
Ø6.5	3.0	HA6530
	4.0	HA6540
	5.0	HA6550
	6.0	HA6560
	7.0	HA6570
	8.0	HA6580
	9.0	HA6590
	Ø7.5	4.0
5.0		HA7550
6.0		HA7560
7.0		HA7570
8.0		HA7580
9.0		HA7590
Ø8.5	4.0	HA8540
	5.0	HA8550
	6.0	HA8560
	7.0	HA8570
	8.0	HA8580
	9.0	HA8590
Ø9.5	4.0	HA9540
	5.0	HA9550
	6.0	HA9560
	7.0	HA9570
	8.0	HA9580
	9.0	HA9590

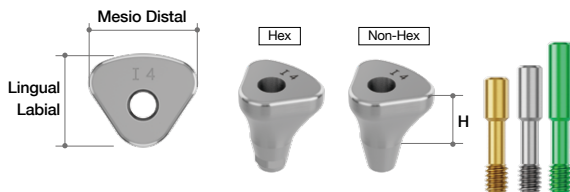
All in one package (Anatomic type)



Height (mm)	Connection	Ref.C
4	Hex	C-AHA004HP
	Non-Hex	C-AHA004NP
5	Hex	C-AHA005HP
	Non-Hex	C-AHA005NP
7	Hex	C-AHA007HP
	Non-Hex	C-AHA007NP

Healing Abutment (Anatomic type)

- Use with a Hand Driver(1.2 Hex).
- Abutment Screw included.H=4 AOHAS2004/
H=5 AOHAS2005/ H=7 AOHAS2007
- Used for non-submerged type surgery or for two stage surgery.
- Choose appropriate diameter and height of Healing Abutment according to situation.
- Helps to form suitable emergence profile during period of gingival healing.
- Recommend torque : by hand (5 - 8Ncm)



Type	MD (mm)	LL (mm)	Position No.	Height (mm)	Connection	Ref.C	
Incisor	4.0	5.0	I1	4	Hex	AOHI40504T	
				5		AOHI40505T	
				7		AOHI40507T	
				4		AOHI45454T	
				5		AOHI45455T	
				7		AOHI45457T	
	4.5	4.5	I2	4	Hex	AOHI60504T	
				5		AOHI60505T	
				7		AOHI60507T	
				4		AOHI70604T	
				5		AOHI70605T	
				7		AOHI70607T	
	6.0	5.0	I3	4	Hex	AOHI40504NT	
				5		AOHI40505NT	
				7		AOHI40507NT	
				4		AOHI45454NT	
				5		AOHI45455NT	
				7		AOHI45457NT	
	7.0	6.0	I4	4	Hex	AOHI60504NT	
				5		AOHI60505NT	
				7		AOHI60507NT	
				4		AOHI70604NT	
				5		AOHI70605NT	
				7		AOHI70607NT	
Incisor	4.0	5.0	I1	4	Non-Hex	AOHI40504NT	
				5		AOHI40505NT	
				7		AOHI40507NT	
				4		AOHI45454NT	
				5		AOHI45455NT	
				7		AOHI45457NT	
	4.5	4.5	I2	4		Non-Hex	AOHI60504NT
				5			AOHI60505NT
				7			AOHI60507NT
				4			AOHI70604NT
				5			AOHI70605NT
				7			AOHI70607NT
6.0	5.0	I3	4	Non-Hex	AOHI40504NT		
			5		AOHI40505NT		
			7		AOHI40507NT		
			4		AOHI45454NT		
			5		AOHI45455NT		
			7		AOHI45457NT		
7.0	6.0	I4	4		Non-Hex	AOHI60504NT	
			5			AOHI60505NT	
			7			AOHI60507NT	
			4			AOHI70604NT	
			5			AOHI70605NT	
			7			AOHI70607NT	



Type	MD (mm)	LB (mm)	Position No.	Height (mm)	Connection	Ref.C			
Canine	5.0	6.5	C1	4	Hex	AOHC50654T			
				5		AOHC50655T			
				7		AOHC50657T			
				5.0	6.5	C1	4	Non-Hex	AOHC50654NT
							5		AOHC50655NT
							7		AOHC50657NT



Type	MD (mm)	LB (mm)	Position No.	Height (mm)	Connection	Ref.C
Pre-Molar	4.5	6.0	P1	4	Hex	AOHM45604T
				5		AOHM45605T
				7		AOHM45607T
				4		AOHM50704T
				5		AOHM50705T
				7		AOHM50707T
	5.0	7.0	P2	4	Hex	AOHM45604NT
				5		AOHM45605NT
				7		AOHM45607NT
				4		AOHM50704NT
				5		AOHM50705NT
				7		AOHM50707NT
4.5	6.0	P1	4	Non-Hex	AOHM45604NT	
			5		AOHM45605NT	
			7		AOHM45607NT	
			4		AOHM50704NT	
			5		AOHM50705NT	
			7		AOHM50707NT	
5.0	7.0	P2	4	Non-Hex	AOHM45604NT	
			5		AOHM45605NT	
			7		AOHM45607NT	

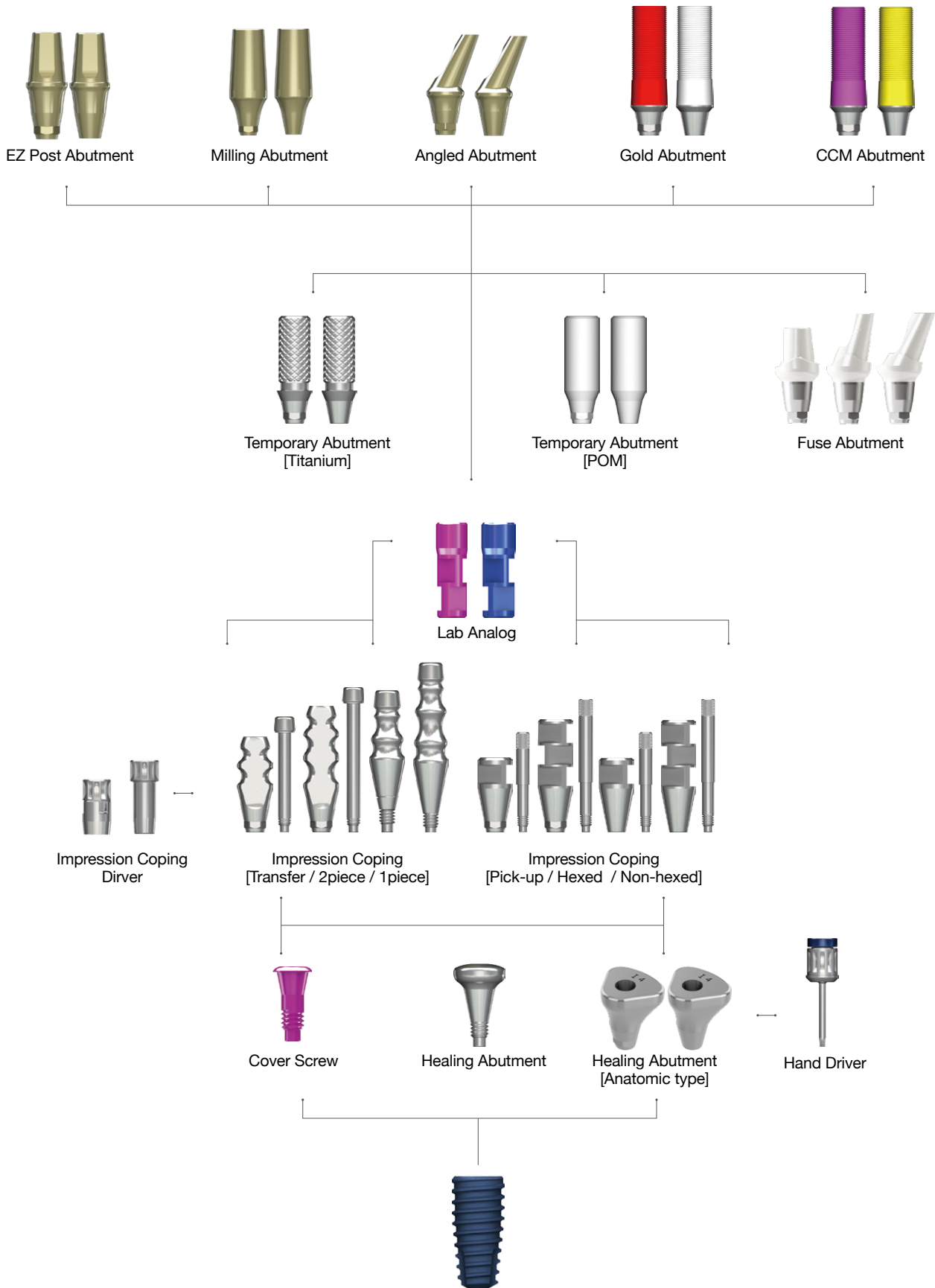


Type	MD (mm)	LB (mm)	Position No.	Height (mm)	Connection	Ref.C	
Molar	6.0	7.0	M1	4	Hex	AOHM60704T	
				5		AOHM60705T	
				7		AOHM60707T	
			M2	4		AOHM60804T	
				5		AOHM60805T	
				7		AOHM60807T	
	M3	9.0	4	AOHM60904T			
			5	AOHM60905T			
			7	AOHM60907T			
	M4	8.0	4	AOHM70804T			
			5	AOHM70805T			
			7	AOHM70807T			
	M5	9.0	4	AOHM70904T			
			5	AOHM70905T			
			7	AOHM70907T			
	M6	10.0	4	AOHM70104T			
			5	AOHM70105T			
			7	AOHM70107T			
	M7	9.0	4	AOHM80904T			
			5	AOHM80905T			
			7	AOHM80907T			
	M8	10.0	4	AOHM80104T			
			5	AOHM80105T			
			7	AOHM80107T			
	Special	6.0	7.0	M1	4	Non-Hex	AOHM60704NT
					5		AOHM60705NT
					7		AOHM60707NT
				M2	4		AOHM60804NT
					5		AOHM60805NT
					7		AOHM60807NT
		M3	9.0	4	AOHM60904NT		
				5	AOHM60905NT		
				7	AOHM60907NT		
		M4	8.0	4	AOHM70804NT		
				5	AOHM70805NT		
				7	AOHM70807NT		
		M5	9.0	4	AOHM70904NT		
				5	AOHM70905NT		
				7	AOHM70907NT		
		M6	10.0	4	AOHM70104NT		
				5	AOHM70105NT		
				7	AOHM70107NT		
		M7	9.0	4	AOHM80904NT		
				5	AOHM80905NT		
				7	AOHM80907NT		
		M8	10.0	4	AOHM80104NT		
				5	AOHM80105NT		
				7	AOHM80107NT		

Type	MD (mm)	LB (mm)	Position No.	Height (mm)	Connection	Ref.C	
Special	4.5	6.0	S1	4	Hex	AOHS45604T	
				5		AOHS45605T	
				7		AOHS45607T	
			S2	4		AOHS50654T	
				5		AOHS50655T	
				7		AOHS50657T	
	S3	7.0	4	AOHS50704T			
			5	AOHS50705T			
			7	AOHS50707T			
	S4	7.0	4	AOHS60704T			
			5	AOHS60705T			
			7	AOHS60707T			
	S5	8.0	4	AOHS60804T			
			5	AOHS60805T			
			7	AOHS60807T			
	S6	9.0	4	AOHS60904T			
			5	AOHS60905T			
			7	AOHS60907T			
	S7	8.0	4	AOHS70804T			
			5	AOHS70805T			
			7	AOHS70807T			
	S8	9.0	4	AOHS70904T			
			5	AOHS70905T			
			7	AOHS70907T			
	S9	10.0	4	AOHS70104T			
			5	AOHS70105T			
			7	AOHS70107T			
	S10	9.0	4	AOHS80904T			
			5	AOHS80905T			
			7	AOHS80907T			
	S11	10.0	4	AOHS80104T			
			5	AOHS80105T			
			7	AOHS80107T			
	Special	4.5	6.0	S1	4	Non-Hex	AOHS45604NT
					5		AOHS45605NT
					7		AOHS45607NT
				S2	4		AOHS50654NT
					5		AOHS50655NT
					7		AOHS50657NT
		S3	7.0	4	AOHS50704NT		
				5	AOHS50705NT		
				7	AOHS50707NT		
		S4	7.0	4	AOHS60704NT		
				5	AOHS60705NT		
				7	AOHS60707NT		
		S5	8.0	4	AOHS60804NT		
				5	AOHS60805NT		
				7	AOHS60807NT		
S6		9.0	4	AOHS60904NT			
			5	AOHS60905NT			
			7	AOHS60907NT			
S7		8.0	4	AOHS70804NT			
			5	AOHS70805NT			
			7	AOHS70807NT			
S8		9.0	4	AOHS70904NT			
			5	AOHS70905NT			
			7	AOHS70907NT			
S9		10.0	4	AOHS70104NT			
			5	AOHS70105NT			
			7	AOHS70107NT			
S10		9.0	4	AOHS80904NT			
			5	AOHS80905NT			
			7	AOHS80907NT			
S11		10.0	4	AOHS80104NT			
			5	AOHS80105NT			
			7	AOHS80107NT			

Abutment & Prosthetic Options

I. Fixture Level Prosthesis



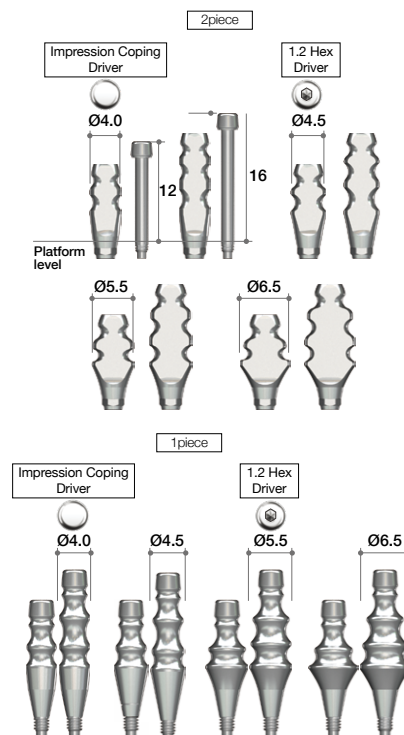
➔ Abutment Options (Continued)

Impression Coping (Transfer Type)

- Guide Pin (GPT12H / GPT12 / GPT16H / GPT16) included in two piece type

- Diameters correspond to Healing Abutment diameters.
- Available in one piece (non-hex) or two piece (hex) and two heights.
- Used for Closed Tray (Transfer) technique.
- Impression Coping design ensures easy and accurate transfer of fixture position.
- Flat surface of Impression Coping aligns with the flat of the hex within the fixture.
- Impression Coping Driver and Hand Driver (1.2Hex) should be used to ensure Impression Coping is properly tightened.

Profile Diameter	Height (mm)	Type	Ref.C	Ref.C (1.2 Hex)	
Ø4.0	12.0	2piece	IT4012HT	IT4012HHT	
	16.0		IT4016HT	IT4016HHT	
Ø4.5	12.0		IT4512HT	IT4512HHT	
	16.0		IT4516HT	IT4516HHT	
Ø5.5	12.0		IT5512HT	IT5512HHT	
	16.0		IT5516HT	IT5516HHT	
Ø6.5	12.0		IT6512HT	IT6512HHT	
	16.0		IT6516HT	IT6516HHT	
Ø4.0	12.0		1piece	IT4012N	IT4012NH
	16.0			IT4016N	IT4016NH
Ø4.5	12.0			IT4512N	IT4512NH
	16.0			IT4516N	IT4516NH
Ø5.5	12.0	IT5512N		IT5512NH	
	16.0	IT5516N		IT5516NH	
Ø6.5	12.0	IT6512N		IT6512NH	
	16.0	IT6516N		IT6516NH	

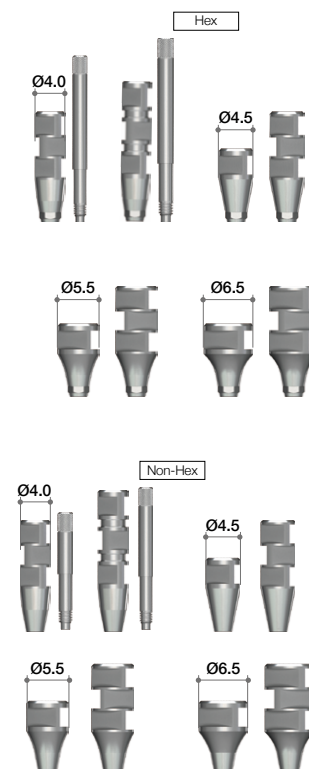


Impression Coping (Pick-up type)

- Guide Pin (GPP07 / GPP12 / GPP16) included

- Used for open tray technique. Most beneficial for multiple fixtures that will be splinted together.
- Square body design ensures stability within the impression and accurate transfer of fixture position.

Profile Diameter	Height(mm)	Type	Ref.C	
Ø4.0	12.0	Hex	IP4012HT	
	16.0		IP4016HT	
Ø4.5	7.0		IP4507HT	
	12.0		IP4512HT	
Ø5.5	7.0		IP5507HT	
	12.0		IP5512HT	
Ø6.5	7.0		IP6507HT	
	12.0		IP6512HT	
Ø4.0	12.0		Non-Hex	IP4012NT
	16.0			IP4016NT
Ø4.5	7.0			IP4507NT
	12.0			IP4512NT
Ø5.5	7.0	IP5507NT		
	12.0	IP5512NT		
Ø6.5	7.0	IP6507NT		
	12.0	IP6512NT		



➔ Abutment Options (Continued)

Lab Analog

- Replicates the fixture.
- Magenta analog for Ø3.5 fixture.
- Blue analog for all fixture sizes for Ø4.0~Ø8.0.

Type	Color	Ref.C
Small	Magenta	LA350H
Regular & Wide	Blue	LA400H

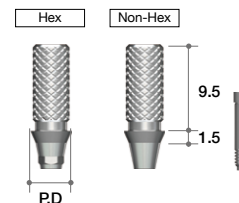


Temporary Abutment (Titanium)

- Abutment Screw(AS20) included

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

Profile Diameter	Cuff Height (mm)	Type	Ref.C
Ø4.5	1.5	Hex	TA4511HT
		Non-Hex	TA4511NT

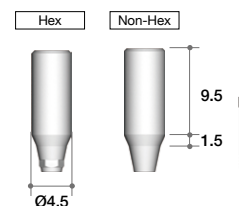


Temporary Abutment (POM)

- Abutment Screw(AS20) included

- For making chairside provisionals for the aesthetic zone.
- Especially useful for immediate placement after extraction.
- Available in both hex and non-hex.
- Recommend torque : 25Ncm

Profile Diameter	Cuff Height (mm)	Type	Ref.C
Ø4.5	11.0	Hex	TA4511HPT
		Non-Hex	TA4511NPT



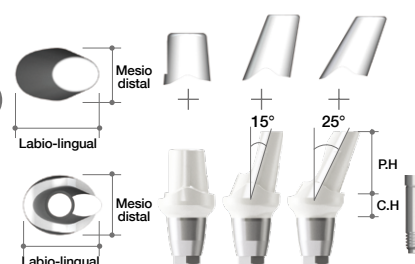
Fuse Abutment

- Abutment Screw(AS20)+Fuse cap included.

- Recommend torque : 25Ncm

Diameter	Cuff Height (mm)		Post Height (mm)	Type	Ref.C
	Labio-lingual	Mesio-distal			
Ø5.5	Ø5.5	4	5.5	Straight	AOFAP5545P
	Ø4.5	4	7	15°	AOFAA5415P
	Ø4.5	4	7	25°	AOFAP5425P

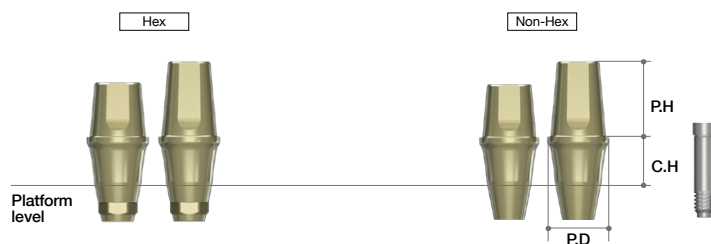
NEW : 4mm cuff height available
 → Adequate for deeply placed implants or thick gingival cases



EZ Post Abutment

- Abutment Screw(AS20) included

- Cement retained restoration
- Post Height : 4.0, 5.5mm
- Profile Diameter : Ø4.5, Ø5.5, Ø6.5
- Cuff Height : 1.5, 2.5, 3.5, 4.5, 5.5mm
- Cement retained restoration
- Anodizing to ensure excellent aesthetics under the tissue. Biological S-line provides a seamless natural-looking and more functional emergence profile.
- Post Height : 4.0, 5.5mm
- Non-Hex Abutments do not provide anti-rotation and are contra-indicated for single unit restorations.
- Recommend torque : 35Ncm



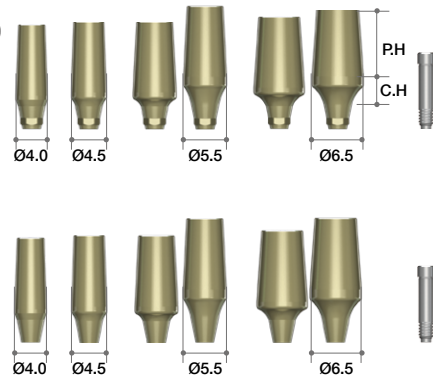
Profile Diameter	Cuff Height(mm)	Post Height(mm)	Type	Ref.C
Ø4.5	1.0	4.0	Hex	EP4511HT
	1.5			EP4514HT
	2.5			EP4524HT
	3.5			EP4534HT
	4.5			EP4544HT
	5.5			EP4554HT
	1.0	5.5		EP4510HT
	1.5			EP4515HT
	2.5			EP4525HT
	3.5			EP4535HT
	4.5			EP4545HT
	5.5			EP4555HT
	1.5	7.0		EP4517HT
	2.5			EP4527HT
	3.5			EP4537HT
4.5	EP4547HT			
5.5	EP4557HT			
Ø5.5	1.5		4.0	Hex
	2.5	EP5524HT		
	3.5	EP5534HT		
	4.5	EP5544HT		
	5.5	EP5554HT		
	1.5	5.5		
	2.5		EP5525HT	
	3.5		EP5535HT	
	4.5		EP5545HT	
	5.5		EP5555HT	
	1.5		7.0	
	2.5	EP5527HT		
	3.5	EP5537HT		
	4.5	EP5547HT		
	5.5	EP5557HT		
Ø6.5	1.5	4.0		Hex
	2.5		EP6524HT	
	3.5		EP6534HT	
	4.5		EP6544HT	
	5.5		EP6554HT	
	1.5		5.5	
	2.5	EP6525HT		
	3.5	EP6535HT		
	4.5	EP6545HT		
	5.5	EP6555HT		
	1.5	7.0		
	2.5		EP6527HT	
	3.5		EP6537HT	
	4.5		EP6547HT	
	5.5		EP6557HT	
Ø4.5	1.0		4.0	Non-Hex
	1.5	EP4514NT		
	2.5	EP4524NT		
	3.5	EP4534NT		
	4.5	EP4544NT		
	5.5	EP4554NT		
	1.0	5.5	EP4510NT	
	1.5		EP4515NT	
	2.5		EP4525NT	
	3.5		EP4535NT	
	4.5		EP4545NT	
	5.5		EP4555NT	
	1.5	7.0	EP4517NT	
	2.5		EP4527NT	
	3.5		EP4537NT	
4.5	EP4547NT			
5.5	EP4557NT			
Ø5.5	1.5		4.0	Non-Hex
	2.5	EP5524NT		
	3.5	EP5534NT		
	4.5	EP5544NT		
	5.5	EP5554NT		
	1.5	5.5		
	2.5		EP5525NT	
	3.5		EP5535NT	
	4.5		EP5545NT	
	5.5		EP5555NT	
	1.5		7.0	
	2.5	EP5527NT		
	3.5	EP5537NT		
	4.5	EP5547NT		
	5.5	EP5557NT		
Ø6.5	1.5	4.0		Non-Hex
	2.5		EP6524NT	
	3.5		EP6534NT	
	4.5		EP6544NT	
	5.5		EP6554NT	
	1.5		5.5	
	2.5	EP6525NT		
	3.5	EP6535NT		
	4.5	EP6545NT		
	5.5	EP6555NT		
	1.5	7.0		
	2.5		EP6527NT	
	3.5		EP6537NT	
	4.5		EP6547NT	
	5.5		EP6557NT	

➔ Abutment Options (Continued)

Milling Abutment

- Abutment Screw(AS20) included
- Used for abutment design by customized milling.
- Available in both Hex and Non-Hex in four diameters (Ø4.0, Ø4.5, Ø5.5 & Ø6.5) and in various cuff heights.
- Recommend torque : 35Ncm

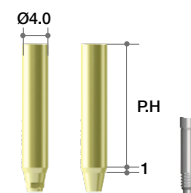
Profile Diameter	Cuff Height(mm)	Post Height(mm)	Type	Ref.C
Ø4.0	1.5	9.0	Hex	MA4015HT
Ø4.5	2.0			MA4520HT
Ø5.5	2.0			MA5520HT
	4.0			MA5540HT
Ø6.5	2.5			MA6525HT
	4.0			MA6540HT
Ø4.0	1.5		Non-Hex	MA4015NT
Ø4.5	2.0			MA4520NT
Ø5.5	2.0			MA5520NT
	4.0			MA5540NT
Ø6.5	2.5			MA6525NT
	4.0			MA6540NT



Milling Abutment Type II (GALLI Abutment)

- AnyOne Internal : Abutment Screw (AS20) included.
- Long post enables easier customization from milling.
- Recommend torque : 35Ncm

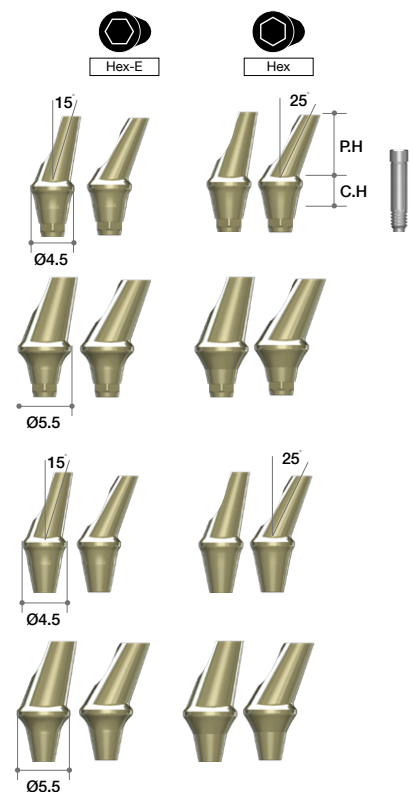
Profile Diameter	Cuff Height(mm)	Post Height(mm)	Type	Ref.C
Ø4.0	1.0	19	Hex	AOBOT4019HT
			Non-Hex	AOBOT4019NT



Angled Abutment

- Abutment Screw(AS20) included
- 2 different angulations (15°, 25°)
- Available in two diameters (Ø4.5 & Ø5.5) and in two cuff heights (2.5 & 4.5mm).
- Height of minimized screw head helps to prevent milling problems.
- Profile Diameters : Ø4.5, Ø5.5
- Cuff Height : 2.5, 4.5mm
- Recommend torque : 35Ncm

Profile Diameter	Cuff Height (mm)	Post Height (mm)	Type	Angle	Ref.C
Ø4.5	2.5	7.0	Hex	15°	AA4215HT
				25°	AA4225HT
	15°			AA4415HT	
	25°			AA4425HT	
Ø5.5	2.5		Hex	15°	AA5215HT
				25°	AA5225HT
	4.5			15°	AA5415HT
				25°	AA5425HT
Ø4.5	2.5	Non-Hex	15°	AA4215NT	
			25°	AA4225NT	
	4.5		15°	AA4415NT	
			25°	AA4425NT	
Ø5.5	2.5		Non-Hex	15°	AA5215NT
				25°	AA5225NT
	4.5			15°	AA5415NT
				25°	AA5425NT
Ø4.5	2.5	Hex-E	15°	AA4215ET	
			25°	AA4225ET	
	4.5		15°	AA4415ET	
			25°	AA4425ET	
Ø5.5	2.5		Hex-E	15°	AA5215ET
				25°	AA5225ET
	4.5			15°	AA5415ET
				25°	AA5425ET

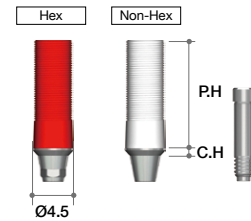


Gold Abutment

- Abutment Screw(AS20) included

- For fabrication of customized abutment for either screw or cement retained restorations.
- Available in both hex (red) and non-hex (white)
- Melting point of gold alloy : 1063°C
- Threaded sleeves allow for better retention of resin or wax.
- Recommend torque : 30Ncm

Profile Diameter	Cuff Height (mm)	Post Height (mm)	Type	Ref.C
Ø4.5	1.0	11.0	Hex	GA4515HT
			Non-Hex	GA4515NT

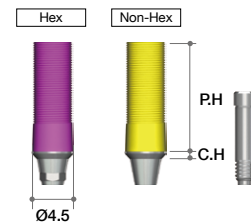


CCM Abutment

- Abutment Screw(AS20) included

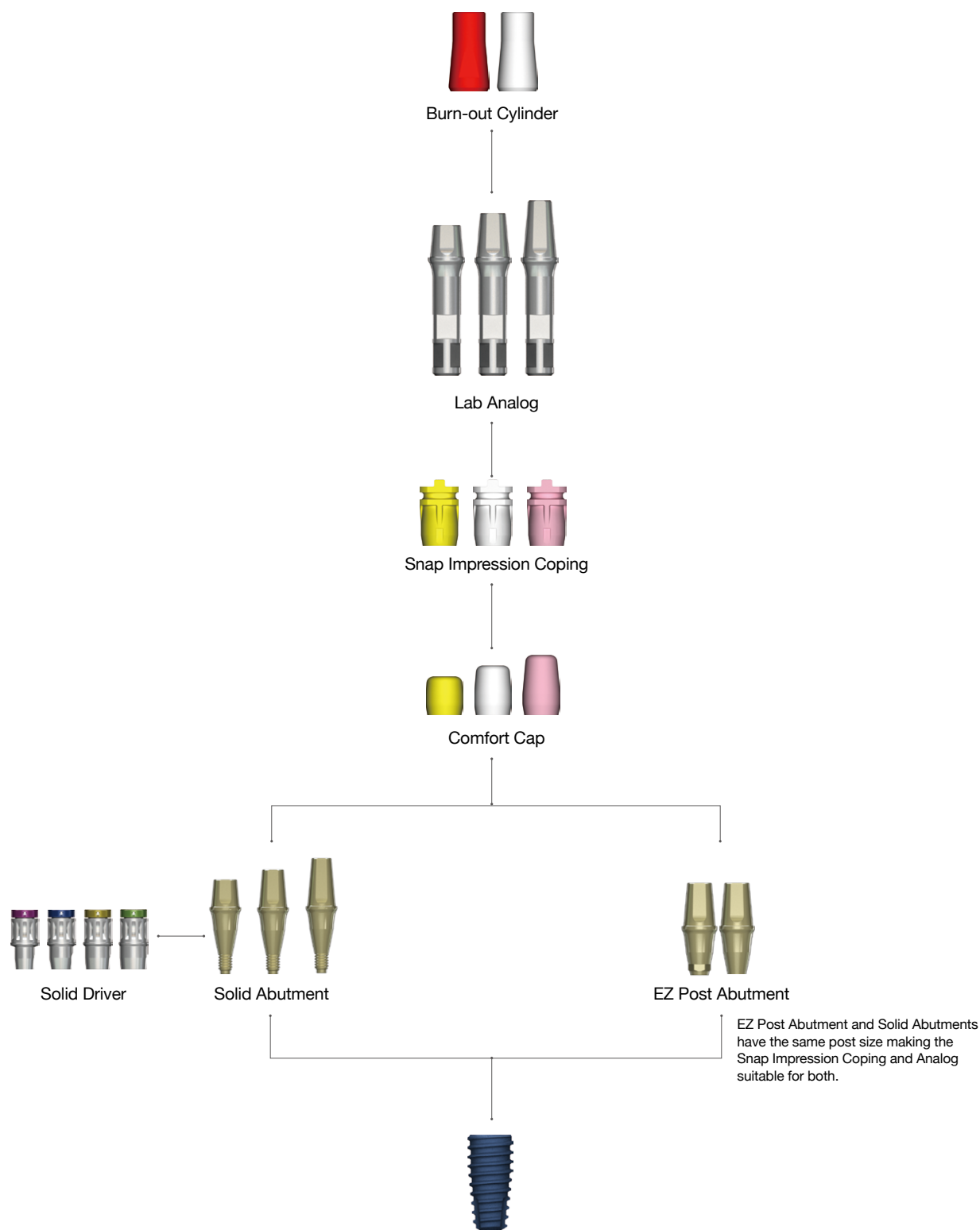
- Useful to make a customized abutment in difficult situations.
- Can be casted with non-precious alloys(Ni-Cr, Cr-Co alloys).
- Non-precious melting temperature : Depend on Manufacturer
- Threaded sleeves for convenient Resin / Wax-up.
- Melting temperature of CCM : 1300~1400°C
- Recommend torque : 35Ncm

Profile Diameter	Cuff Height (mm)	Post Height (mm)	Type	Ref.C
Ø4.5	1.0	11.0	Hex	CA4515HT
			Non-Hex	CA4515NT



II. Abutment Level Prosthesis

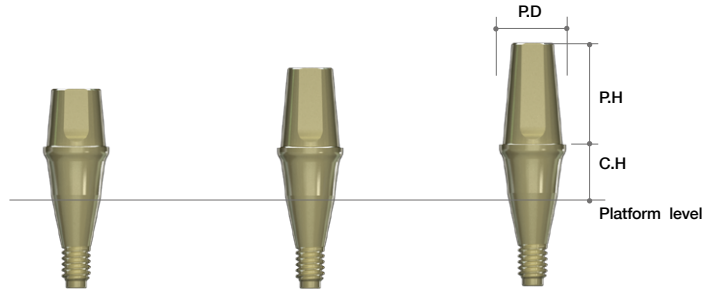
1. Solid Abutment & Components



➔ Solid Abutment & Lab Analog

Solid Abutment

- Cement retained restoration only.
- Solid Abutment should be placed into patient's mouth before taking impression.
- Should be tightened with Solid Driver and Hand Driver.
- Recommend Torque : 35Ncm
- Profile Diameter : Ø4.0, Ø4.5, Ø5.5, Ø6.5
- Cuff Height : 1.0, 1.5, 2.5, 3.5, 4.5, 5.5mm
- Recommend torque : 35Ncm



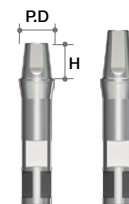
Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref.C
Ø4.0	1.0	4.0	SL40104
	1.5		SL40154
	2.5		SL40254
	3.5		SL40354
	4.5		SL40454
	5.5	SL40554	
	1.0	5.5	SL40105
	1.5		SL40155
	2.5		SL40255
	3.5		SL40355
	4.5		SL40455
	5.5	SL40555	
	1.0	7.0	SL40107
	1.5		SL40157
	2.5		SL40257
3.5	SL40357		
4.5	SL40457		
5.5	SL40557		
Ø4.5	1.0	4.0	SL45104
	1.5		SL45154
	2.5		SL45254
	3.5		SL45354
	4.5		SL45454
	5.5	SL45554	
	1.0	5.5	SL45105
	1.5		SL45155
	2.5		SL45255
	3.5		SL45355
	4.5		SL45455
	5.5	SL45555	
	1.0	7.0	SL45107
	1.5		SL45157
	2.5		SL45257
3.5	SL45357		
4.5	SL45457		
5.5	SL45557		

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref.C
Ø5.5	1.5	4.0	SL55154
	2.5		SL55254
	3.5		SL55354
	4.5		SL55454
	5.5		SL55554
	1.5	5.5	SL55155
	2.5		SL55255
	3.5		SL55355
	4.5		SL55455
	5.5		SL55555
1.5	7.0	SL55157	
2.5		SL55257	
3.5		SL55357	
4.5		SL55457	
5.5		SL55557	
Ø6.5	1.5	4.0	SL65154
	2.5		SL65254
	3.5		SL65354
	4.5		SL65454
	5.5		SL65554
	1.5	5.5	SL65155
	2.5		SL65255
	3.5		SL65355
	4.5		SL65455
	5.5		SL65555
1.5	7.0	SL65157	
2.5		SL65257	
3.5		SL65357	
4.5		SL65457	
5.5		SL65557	

Lab Analog

- Used for Solid Abutment
- Used only if Solid Abutment was not modified.

Profile Diameter	Height(mm)	Ref.C
Ø4.0	4.0	LA4040P
	5.5	LA4055P
	7.0	LA4070P
Ø4.5	4.0	LA4540P
	5.5	LA4555P
	7.0	LA4570P
Ø5.5	4.0	LA5540P
	5.5	LA5555P
	7.0	LA5570P
Ø6.5	4.0	LA6540P
	5.5	LA6555P
	7.0	LA6570P

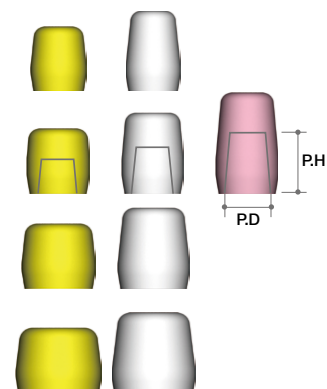


➔ Components for Solid Abutment

Comfort Cap

- Protects a Solid Abutment and minimizes irritation to tongue and oral mucosa.
- Easily make a temporary crown by resin build up.
- Color coded according to post heights.
[Yellow : PH 4.0mm, White : PH 5.5mm, Pink : PH 7.0mm]

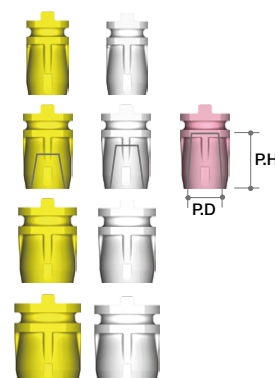
Profile Diameter	Post Height(mm)	Ref.C
Ø4.0	4.0	CC4040
	5.5	CC4055
	7.0	CC4070
Ø4.5	4.0	CC4540
	5.5	CC4555
	7.0	CC4570
Ø5.5	4.0	CC5540
	5.5	CC5555
	7.0	CC5570
Ø6.5	4.0	CC6540
	5.5	CC6555
	7.0	CC6570



Snap Impression Coping

- Used for precise Impression Coping on Solid Abutment.
- Color coded for 3 different post heights.
[Yellow : PH 4.0mm, White : PH 5.5mm, Pink : PH 7.0mm]
- Do not use if Solid Abutment has been modified.

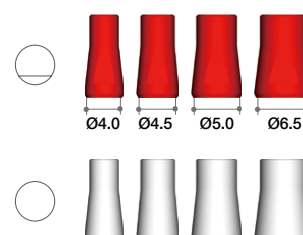
Profile Diameter	Post Height(mm)	Ref.C
Ø4.0	4.0	SIC4040
	5.5	SIC4055
	7.0	SIC4070
Ø4.5	4.0	SIC4540
	5.5	SIC4555
	7.0	SIC4570
Ø5.5	4.0	SIC5540
	5.5	SIC5555
	7.0	SIC5570
Ø6.5	4.0	SIC6540
	5.5	SIC6555
	7.0	SIC6570



Burn-out Cylinder

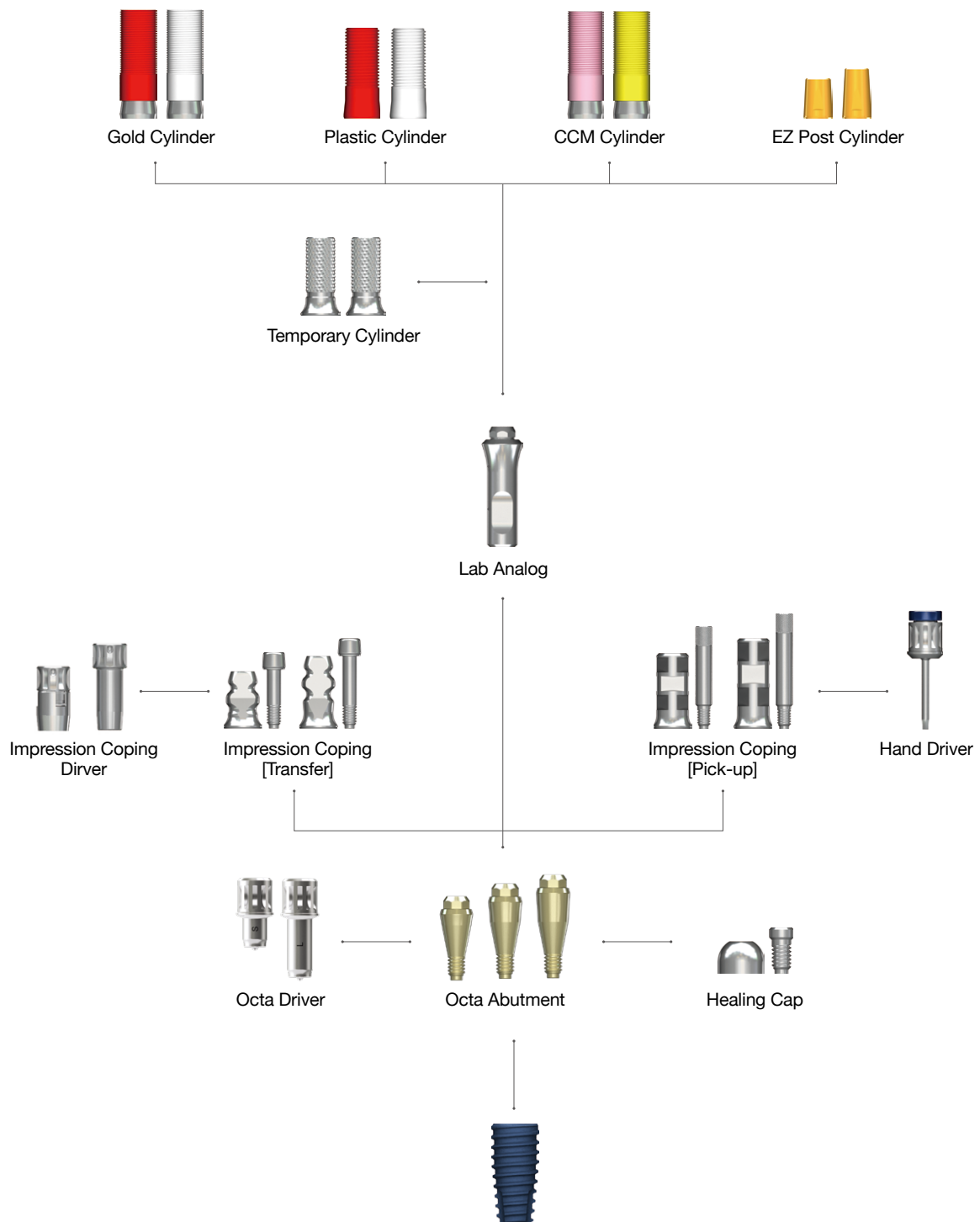
- Precise fit with post of Solid Abutment, EZ Post Abutment, Lab Analog.
- Easy to wax up, provides accurate margins and clean burnout.
- Available both Single(red) and Bridge(white).

Profile Diameter	Type	Ref.C
Ø4.0	Single	BC4070S
Ø4.5		BC4570S
Ø5.5		BC5570S
Ø6.5		BC6570S
Ø4.0	Bridge	BC4070B
Ø4.5		BC4570B
Ø5.5		BC5570B
Ø6.5		BC6570B



II. Abutment Level Prosthesis

2. Octa Abutment & Components

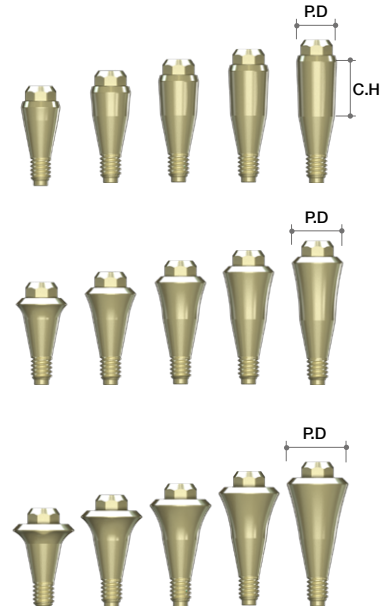


➔ Components for Octa Abutment (Continued)

Octa Abutment

- Used to make multiple screw-retained prosthetics.
- Recommend torque : 35Ncm

Profile Diameter	Cuff Height(mm)	Ref.C
Ø3.8	1.0	OA4010
	1.5	OA4015
	2.5	OA4025
	3.5	OA4035
	4.5	OA4045
Ø4.8	1.0	OA5010
	1.5	OA5015
	2.5	OA5025
	3.5	OA5035
	4.5	OA5045
Ø5.8	1.0	OA6010
	1.5	OA6015
	2.5	OA6025
	3.5	OA6035
	4.5	OA6045
	5.5	OA6055



Healing Cap

- Cylinder Screw (IRCS200) included
- Protects Octa Abutment and minimizes irritation to tongue and oral mucosa.

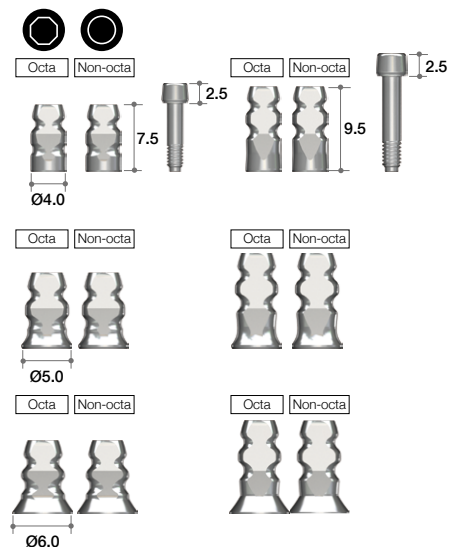
Profile Diameter	Ref.C
Ø4.0	AANOHC4000T
Ø5.0	IHC400T
Ø6.0	AANOHC6000T



Impression Coping (Transfer)

- Guide Pin(AAOTGP10 / AAOTGP12) included
- Should be tightened with Impression Coping Driver (Page.078)
- Special impression coping screw which can be used with a 1.2mm hex driver is available on request.

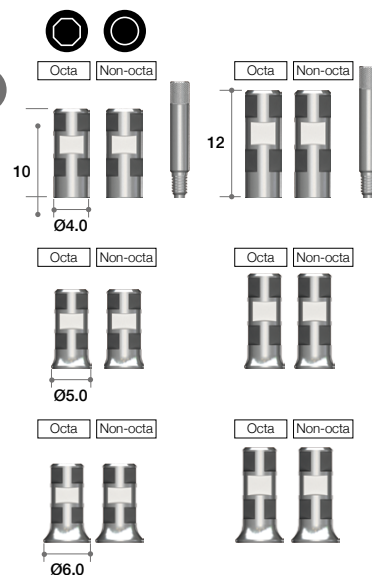
Profile Diameter	Height (mm)	Type	Ref.C
Ø4.0	7.5	Octa	AAOITO4010T
		Non-octa	AAOITN4010T
	9.5	Octa	AAOITO4012T
		Non-octa	AAOITN4012T
Ø5.0	7.5	Octa	AAOITO5010T
		Non-octa	AAOITN5010T
	9.5	Octa	AAOITO5012T
		Non-octa	AAOITN5012T
Ø6.0	7.5	Octa	AAOITO6010T
		Non-octa	AAOITN6010T
	9.5	Octa	AAOITO6012T
	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



Impression Coping (Pick-up)

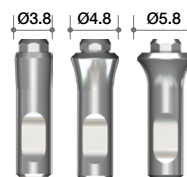
- Guide Pin included

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

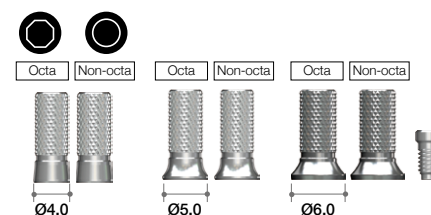


Temporary Cylinder

- Cylinder Screw (IRCS200) included

• Recommend 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

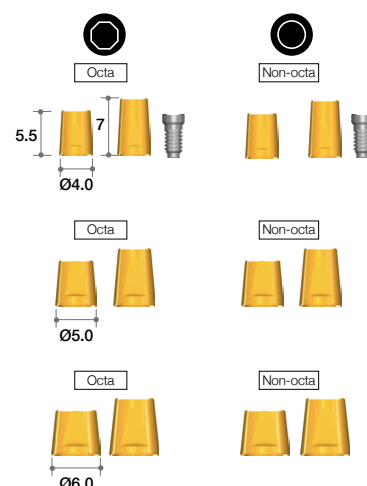


EZ Post Cylinder

- Cylinder Screw (IRCS200) included

• Recommend torque : 25Ncm

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



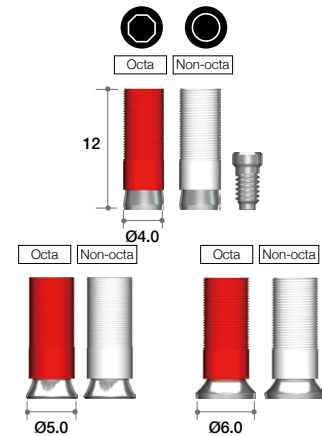
➔ Components for Octa Abutment

Gold Cylinder

- Cylinder Screw (IRCS200) included

- For customizing abutment for screw retained multi-unit restoration.
 - Available in both octa(red) and non-octa(white)
- Melting point of gold alloy : 1063°C
- Threaded sleeves allow for better retention of resin or wax.
- Available in three diameters (Ø4.0, Ø5.0 & Ø6.0).
- Recommend torque : 30Ncm

Profile Diameter	Type	Ref.C
Ø4.0	Octa	AANGCO4000T
	Non-octa	AANGCN4000T
Ø5.0	Octa	IOGO100T
	Non-octa	IIGN100T
Ø6.0	Octa	AANGCO6000T
	Non-octa	AANGCN6000T

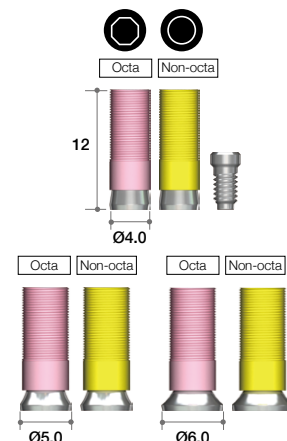


CCM Cylinder

- Cylinder Screw (IRCS200) included

- Useful to make a customized abutment in difficult situations.
- Can be casted with non-precious alloys (Ni-Cr, Cr-Co alloys).
- Non-precious melting temperature : Depend on Manufacturer.
- Threaded sleeves for convenient Resin/ Wax-up.
- Melting temperature of CCM : 1300~1400°C
- Recommend torque : 35Ncm

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

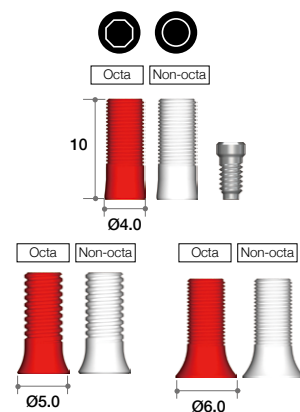


Plastic Cylinder

- Cylinder Screw (IRCS200) included

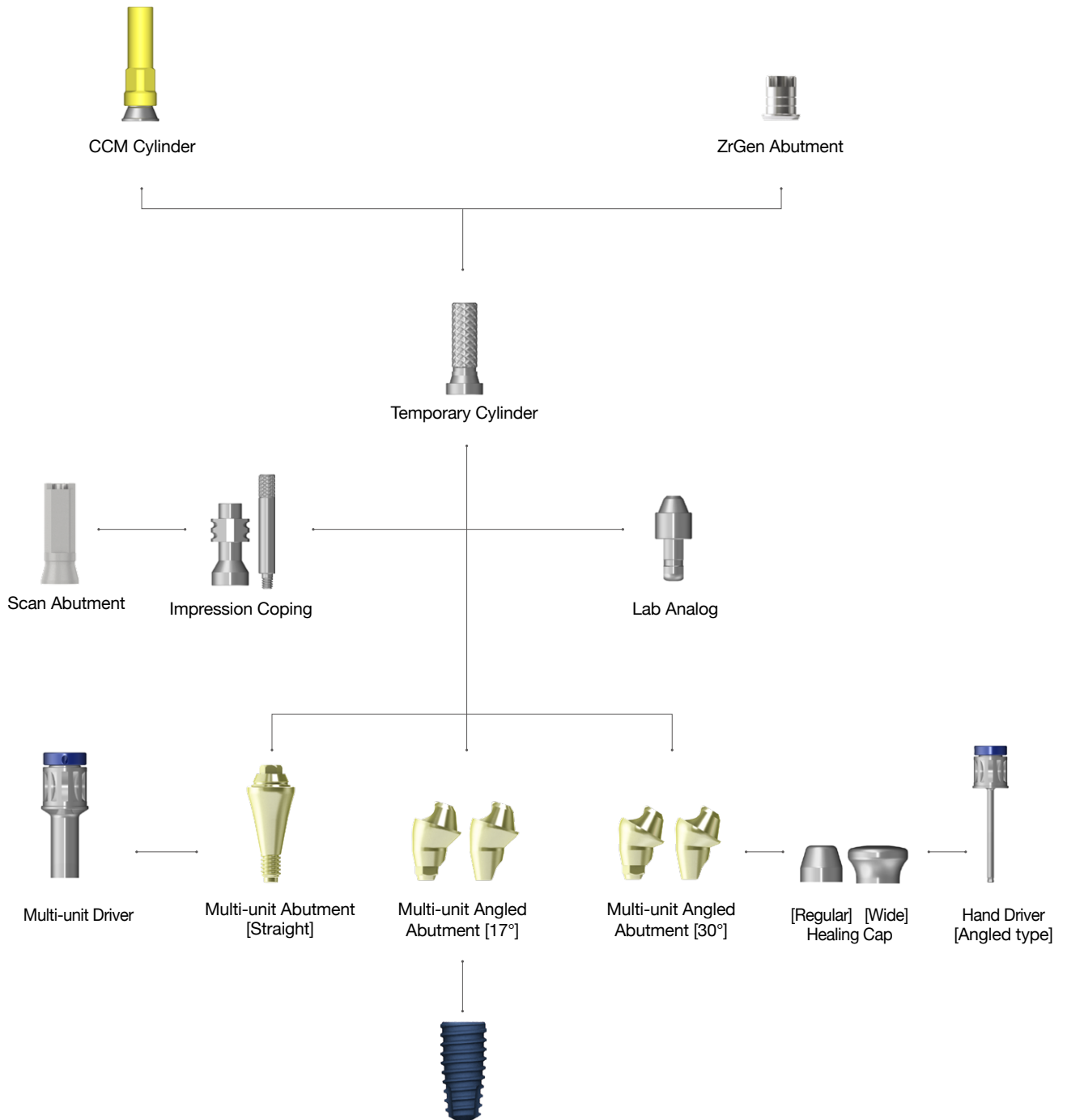
- Economical option
- Used for customizing abutment for screw retained multi-unit restorations.
 - Available in both octa(red) and non-octa(white)
- Threaded sleeves allow for better retention of resin or wax.
- Recommend torque : 25Ncm

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



II. Abutment Level Prosthesis

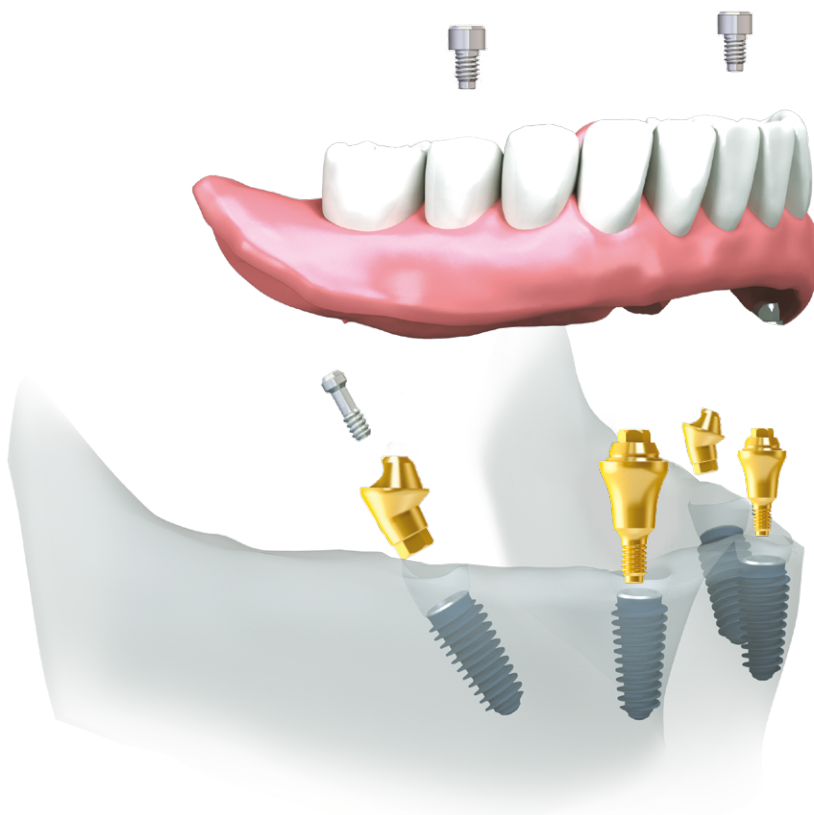
3-1. Multi-unit Abutment & Components (All-on-4) (N-Type)



►► Multi-unit Abutment™

Multi-unit Abutment Design Concept

MegaGen Implant develops the special abutment named as Multi-unit Abutment, which can be the solution for the edentulous patients. With 4 fixtures placed into patient's ridge and a hybrid denture on those four fixtures, a patient can recover his or her dental condition almost completely. In most cases, Multi-unit Abutments work in a set of 2 x straight type abutment for anterior position and 2 x angled type abutment on posterior position.



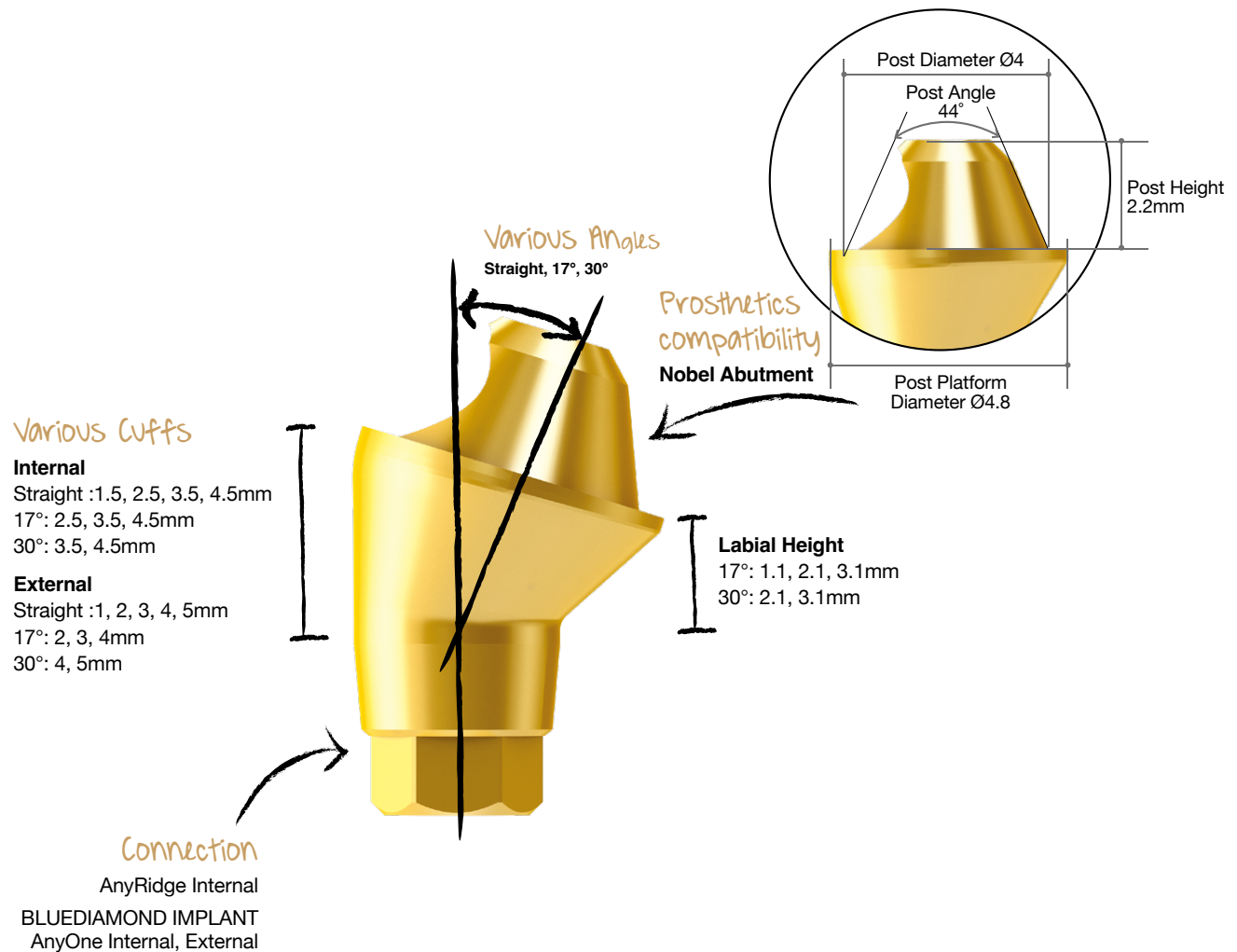
Features

You could see how Multi-unit Abutment functions and what benefits you could get from Multi-unit Abutment are as the followings:

- 2 fixtures which are slantly implanted on posterior position are osseointegrated with cancellous bone. These fixtures function as dispersing vertical load on alveolar bone.
- Multi-unit Abutment is only 4 fixtures + 4 abutments. It means that dental surgeon has enough places for surgery. Therefore, it will be easy to find and place 4 fixtures into ridge where abundant cancellous bone exists.
- A doctor can use graft bone material if a patient doesn't have enough alveolar bone. However, the slantly placed fixtures can overcome the patient's insufficient bone by getting good holding strength with this angulation.
- In addition, these angulated fixtures can avoid touching important anatomies, such as mandibular nerve and maxillary sinus.
- All on 4 technique is also possible to do guided surgery using R2GATE Guide with a diagnosis from R2GATE.

►► Multi-unit Abutment N Type

The solution for the edentulous patients



Benefit

1. Easy and economical treatment solution for compromised edentulous cases.
2. Expensive and time consuming bone graft may not be necessary.
3. Multiple angles (0°, 17°, 30°) support different implant insertion paths.
4. Universally compatible with other Multi-unit systems.

Available Implant System

- AnyRidge Internal
- BLUEDIAMOND implant
- AnyOne Internal
- AnyOne External

Compatibility with others' Multi-unit level prosthetic components

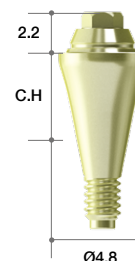
- ✓ Post Height
- ✓ Post Diameter
- ✓ Post Angle
- ✓ Abutment Angle
- ✓ Cuff Height

➔ Components for Multi-unit Abutment (Continued)

Multi-unit Abutment - Straight

- MUA Straight Carrier (MUASC) included
- Recommend torque : 35Ncm

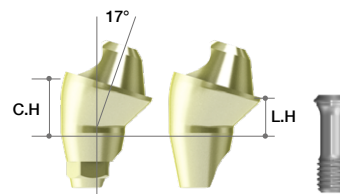
Cuff Height (mm)	Type	Ref.C
1.5	1-piece (M2)	MUAAON0015C
2.5		MUAAON0025C
3.5		MUAAON0035C
4.5		MUAAON0045C



Multi-unit Angled Abutment - 17°

- MUA Screw (MUAOS) included
- MUA Angled Carrier (MUAAC) included
- Recommend torque : 25Ncm

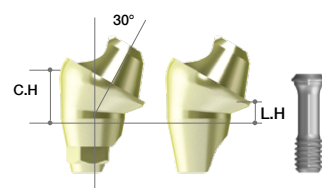
Cuff Height (Labial) (mm)	Type	Ref.C
2.5 (1.1)	Hex	MUAAOH1725TC
3.5 (2.1)		MUAAOH1735TC
4.5 (3.1)		MUAAOH1745TC
2.5 (1.1)	Non-Hex	MUAAON1725TC
3.5 (2.1)		MUAAON1735TC
4.5 (3.1)		MUAAON1745TC



Multi-unit Angled Abutment - 30°

- MUA Screw (MUAOS) included
- MUA Angled Carrier (MUAAC) included
- Recommend torque : 25Ncm

Cuff Height (Labial) (mm)	Type	Ref.C
3.5 (1.1)	Hex	MUAAOH3035TC
4.5 (2.1)		MUAAOH3045TC
3.5 (1.1)	Non-Hex	MUAAON3035TC
4.5 (2.1)		MUAAON3045TC



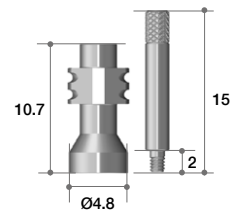
➔ Components for Multi-unit Abutment (Continued)

Impression coping (Pick-up)

- Guide pin (MUAGP) included

- Use to take an impression at the abutment level.

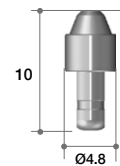
Connection	Ref.C
Non-Hex	MUAICT



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

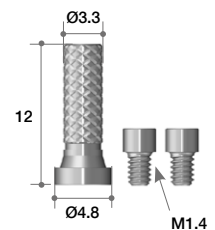


Temporary Cylinder

- Cylinder Screw (MUAS) 2EA included

- Use for fabricating acrylic provisional restoration.
- Grooves on the post cylinder allow storing resin adhesion.
- Back-up screw is included.
- Recommend torque : 15Ncm

Connection	Ref.C
Non-Hex	MUATCL

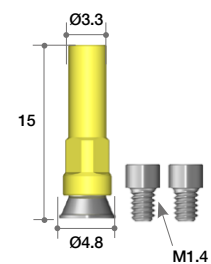


CCM Cylinder

- Cylinder Screw (MUAS) 2EA included

- 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: 1300~1400°C
- Back-up screw is included.
- Recommend torque : 15Ncm

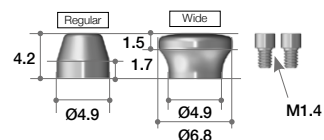
Connection	Ref.C
Non-Hex	MUACCML



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



Healing Cap Set reference code

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

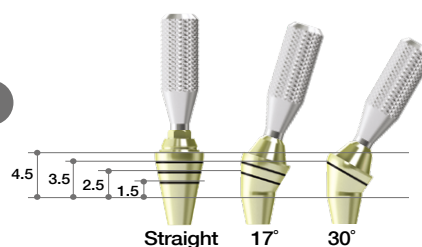
Ex) MUAHCL → MUAHCP



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	MUTIAAO00C
17°	2.5 / 3.5 / 4.5	MUTIAAO17C
30°	3.5 / 4.5	MUTIAAO30C



Try-in Abutment Set reference code

Order code : MUTIAAO00C P



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

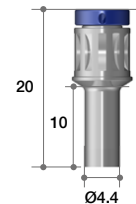


➔ Components for Multi-unit Abutment

Multi-unit Driver

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

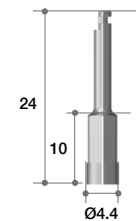
Hex	Length	Ref.C
2.0	10	MUD10



Right Angle Driver

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

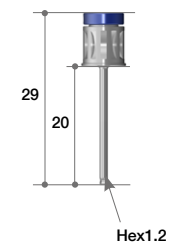
Hex	Length	Ref.C
2.0	10	MURAD10



Hand Driver

- Use for abutment screw with 1.2 hex hole.
- Use up to 15° divergent.
- It should use under 30Ncm torque.

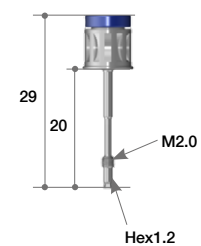
Hex	Length	Ref.C
1.2	20	MUHD1220



Removal Driver

- Use for abutment screw with 1.2 hex hole.
- Use up to 15° divergent.
- Exclusively for AnyRidge system.
- It should use under 30Ncm torque.

Hex	Length	Ref.C
1.2	20	MUARD20



►► Multi-unit Abutment Set Contents

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

Ex) MUA AO H1725TC → MUA AO H1725 HP

Multi-unit Abutment CCM-type Set Reference Code

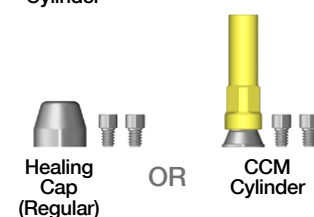
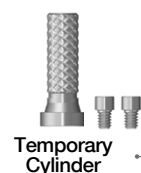
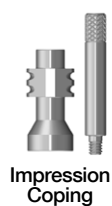
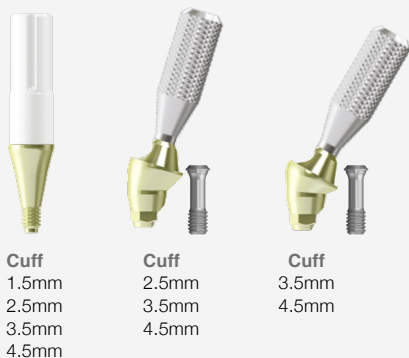
Order code : Available by changing to 'P' instead of 'C' or 'TC' from current Ref.C

Ex) MUA AO H1725TC → MUA AO H1725 P

AnyOne®
Internal

Connection	<input type="checkbox"/> Hex	<input type="checkbox"/> Non-Hex
Angle	<input type="checkbox"/> 0°	<input type="checkbox"/> 17° <input type="checkbox"/> 30°
Cuff	<input type="checkbox"/> 1.5	<input type="checkbox"/> 2.5 <input type="checkbox"/> 3.5 <input type="checkbox"/> 4.5

AnyOne
Internal



▶▶ Starting Package Contents



	Type	Ref.C
Healing Cap	Hex	SKAOHN3000H
	Non Hex	SKAONN3000H
CCM Abutment	Hex	SKAOHN3000
	Non Hex	SKAONN3000

Straight 8set (2set x 4kind of cuff)	Angle 17° 6set (2set x 3kind of cuff)	Angle 30° 4set (2set x 2kind of cuff)
<p>Multi-unit Abutment with *carrier * MUA carrier is used to pick-up an abutment to the patient's mouth, and check its insertion angle.</p>		
<p>Healing Cap (Regular) or CCM Cylinder Temporary Cylinder Lap Analog Impression Coping</p>		

Surgical Instrument

Multi-unit Driver Right Angle Driver Hand Driver Removed Driver

Healing Cap 2set

Regular
Wide

Try-in Abutment 1set
(Straight, 17°, 30° each 1ea)

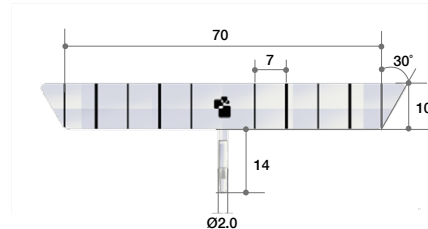
Surgical Guide 2ea

➔ Components for Multi-unit Abutment

Surgical Guide

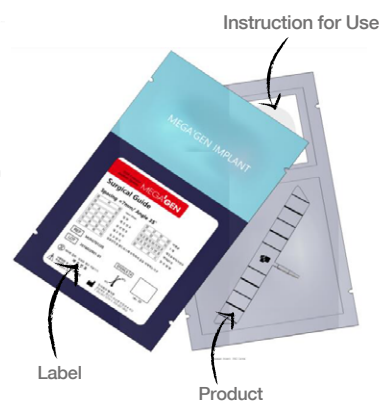
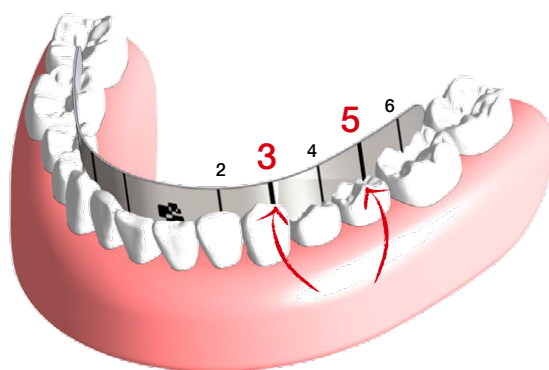
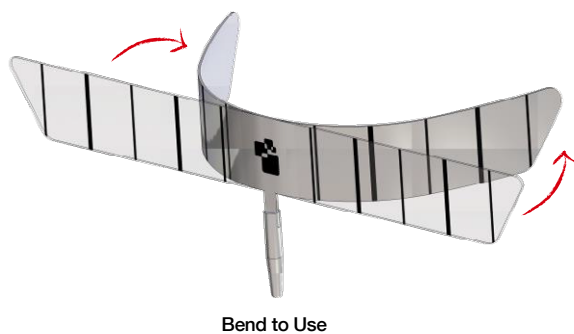
- The distance between the lines is 7mm
- Put center pin after initial drilling at the centric of arch.

Angle	Marking Length	Ref.C
30	7	MUSG70



▶ How to use Surgical Guide

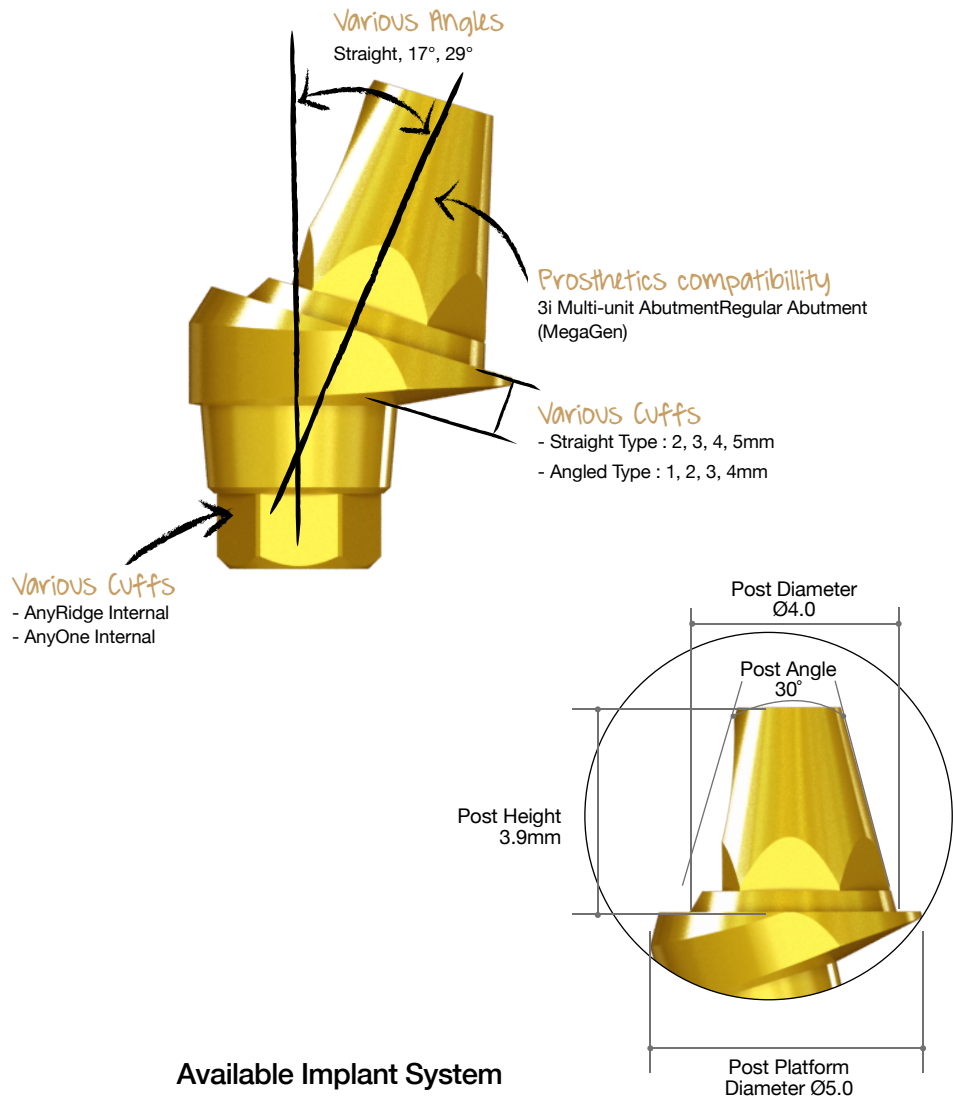
- ※ As Canine and 2nd premolar are most commonly used, the surgical guide has thicker lines for easier identification.
- ※ The surgical guide is able to use for 1st molar depending on surgical plan.



[Packing]

►► Multi-unit Abutment S Type

The solution for the edentulous patients



Benefit

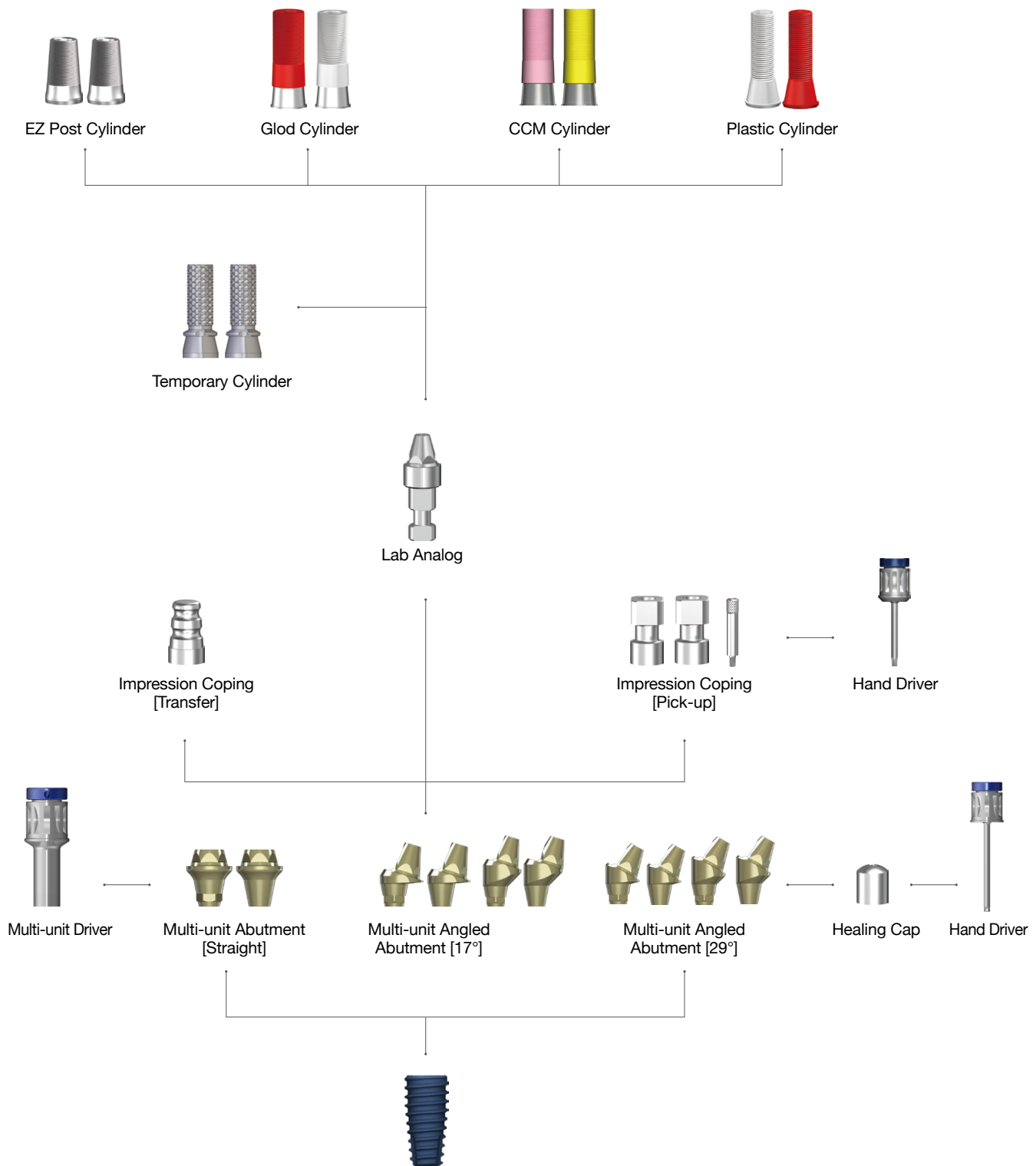
1. Retrievability means that doctor can change or retrieve the final prosthetics easily.
2. Two types of angulation : 17°, 29°. It means that doctor has various options to angle.
3. Various cuff heights (1~5mm) : Doctor can have flexibility on the depth of fixture placement.
4. MegaGen's Multi-unit Abutment is perfectly compatible with the prosthetic components of Multi-unit Abutment of 3i implant, and Regular Abutment of MegaGen's Exfeel External system.

Available Implant System

- AnyRidge Internal
- AnyOne Internal

II. Abutment Level Prosthesis

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



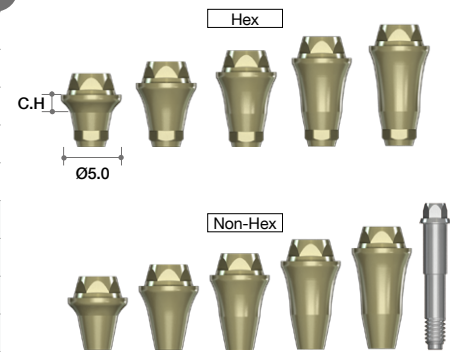
➔ Components for Multi-unit Abutment (Continued)

Multi-unit Abutment (Straight)

- Multi-unit Abutment Screw (MUS15 / MUS25 / MUS35 / MUS45 / MUS55) included.

• Recommend torque : 35Ncm

Cuff Height (mm)	Type	Ref.C
1.5	Hex	MU5015HT
2.5		MU5025HT
3.5		MU5035HT
4.5		MU5045HT
5.5		MU5055HT
1.5	Non-Hex	MU5015NT
2.5		MU5025NT
3.5		MU5035NT
4.5		MU5045NT
5.5		MU5055NT

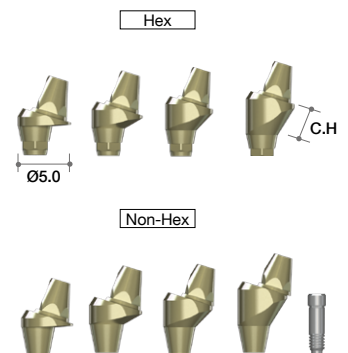


Multi-unit Angled Abutment (17°)

- Abutment Screw (MUAS20) included

• Recommend torque : 35Ncm

Cuff Height (mm)	Type	Ref.C
1.0	Hex	MU50117HT
2.0		MU50217HT
3.0		MU50317HT
4.0		MU50417HT
1.0	Non-Hex	MU50117NT
2.0		MU50217NT
3.0		MU50317NT
4.0		MU50417NT

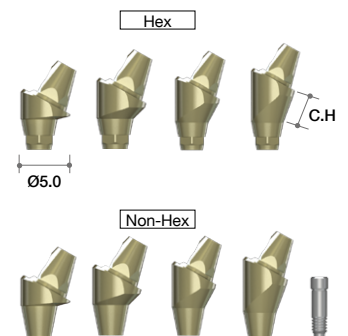


Multi-unit Angled Abutment (29°)

- Abutment Screw (MUAS20) included

• Recommend torque : 35Ncm

Cuff Height (mm)	Type	Ref.C
1.0	Hex	MU50129HT
2.0		MU50229HT
3.0		MU50329HT
4.0		MU50429HT
1.0	Non-Hex	MU50129NT
2.0		MU50229NT
3.0		MU50329NT
4.0		MU50429NT



➔ Components for Multi-unit Abutment

Healing Cap

Profile Diameter	Ref.C
Ø5.0	REC600



Impression Coping (Transfer)

Profile Diameter	Ref.C
Ø4.8	RITE480



Impression Coping (Pick-up)

- Guide Pin (RICG150) included

Height (mm)	Ref.C
9.4	RIEH480T
	RIEN480T



Lab Analog

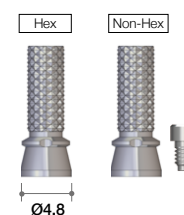
Profile Diameter	Ref.C
Ø4.8	RELA300



Temporary Cylinder

- Cylinder Screw (TASH140) included
 • Recommend torque : 15Ncm

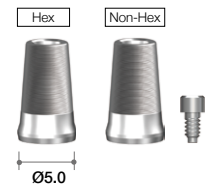
Profile Diameter	Ref.C
Ø4.8	ETH100T
	ETN100T



EZ Post Cylinder

- Cylinder Screw (TASH140) included
- Recommend torque : 15Ncm

Profile Diameter	Type	Ref.C
Ø5.0	Hex	RCA900T
	Non-Hex	RCA800T



Gold Cylinder

- Cylinder Screw (TASH140) included
- For customizing abutment for screw retained multi-unit restoration.
 - Available in both octa(red) and non-octa(white)
- Melting point of gold alloy : 1063°C
- Threaded sleeves allow for better retention of resin or wax.
- Recommend torque : 15Ncm

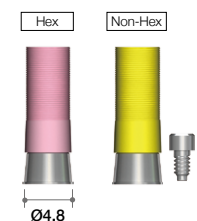
Profile Diameter	Sleeve color	Ref.C
Ø4.8	Red	REGC200T
	White	REGC100T



CCM Cylinder

- Cylinder Screw (TASH140) included
- Useful to make a customized abutment in difficult situations.
- 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 : 1300~1400°C
- Recommend torque : 15Ncm

Profile Diameter	Sleeve color	Ref.C
Ø4.8	Pink	RCA5013HT
	Yellow	RCA5013NT



Plastic Cylinder

- Cylinder Screw (TASH140) included
- Economical option
- Used for customizing abutment for screw retained multi-unit restorations.
 - Available in both Hex(red) and Non-Hex(white)
- Threaded sleeves allow for better retention of resin or wax.
- Recommend torque : 15Ncm

Profile Diameter	Sleeve color	Ref.C
Ø5.2	Red	RPEH100T
	White	RPEN100T



II. Abutment Level Prosthesis

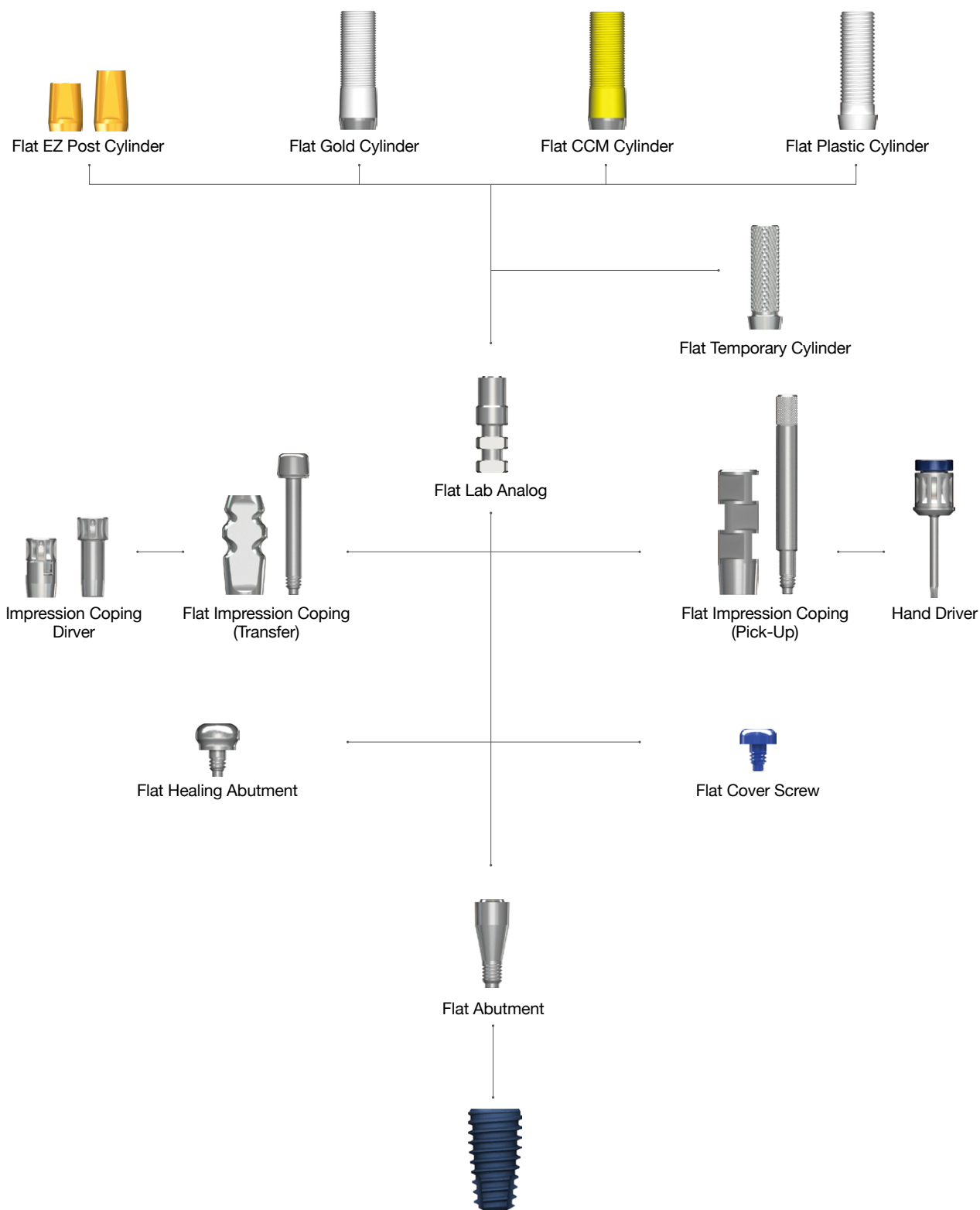
4. Flat Abutment & Components

: The main advantage of this Flat Abutment is the freedom on angulation.

Flat Abutment can cover any angulation problems.

: Only for multiple (Cannot be used for single implant)

: Only with screw retained prosthetics.



➔ Components for Flat Abutment (Continued)

Flat Abutment

- Use Hand Driver (1.6 Hex)
- Recommend torque : 25Ncm

Profile Diameter	Cuff Height (mm)	Ref.C
Ø3.5	1.5	FA3515
	2.5	FA3525
	3.5	FA3535
	4.5	FA3545
	5.5	FA3555



Flat Cover Screw

- Recommend torque : by hand (5 - 8Ncm)

Profile Diameter	Ref.C
Ø3.5	FCS3510



Flat Healing Abutment

- Recommend torque : by hand (5 - 8Ncm)

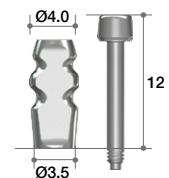
Height (mm)	Ref.C
2	FHA402
3	FHA403
4	FHA404



Flat Impression Coping (Transfer)

- Guide Pin (FGPT74) included.
- Should be tightened with Impression Driver (Page.078)
- Special impression coping screw which can be used with a 1.2mm hex driver is available on request.

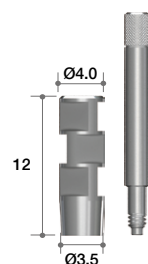
Profile Diameter	Height (mm)	Ref.C
Ø4.0	12	FIT4012T



Flat Impression Coping (Pick-Up)

- Guide pin (FGPP15) included.

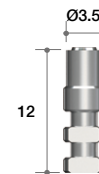
Profile Diameter	Height (mm)	Ref.C
Ø4.0	12	FIP4012T



➔ Components for Flat Abutment

Flat Lab Analog

Profile Diameter	Height (mm)	Ref.C
Ø3.5	12	FLA3512



Flat Temporary Cylinder

- Flat Cylinder Screw (FAS) included.

• Recommend torque : 15Ncm

Profile Diameter	Ref.C
Ø4.0	FTC4012T



Flat EZ Post Cylinder

- Flat Cylinder Screw (FAS) included.

• Recommend torque : 25Ncm

Height (mm)	Ref.C
5.5	FEC4005T
7.0	FEC4007T



Flat Gold Cylinder

- Flat Cylinder Screw (FAS) included.

- Useful to make a customized abutment in difficult situations.
- Precious and non-precious alloys.
- Melting point of gold alloy : 1063°C
- Threaded sleeves for convenient Resin / Wax-up.
- Recommend torque : 25Ncm

Profile Diameter	Ref.C
Ø3.8	FGC4012T



Flat CCM Cylinder

- Flat Cylinder Screw (FAS) included.

- Useful to make a customized abutment in difficult situations.
- Can be casted with non-precious alloys (Ni-Cr, Cr-Co alloys).
- Non-precious melting temperature : Depend on Manufacturer
- Threaded sleeves for convenient Resin / Wax-up.
- Melting temperature of CCM : 1300~1400°C
- Recommend torque : 25Ncm

Profile Diameter	Ref.C
Ø3.8	FCC4012T



Flat Plastic Cylinder

- Flat Cylinder Screw (FAS) included.

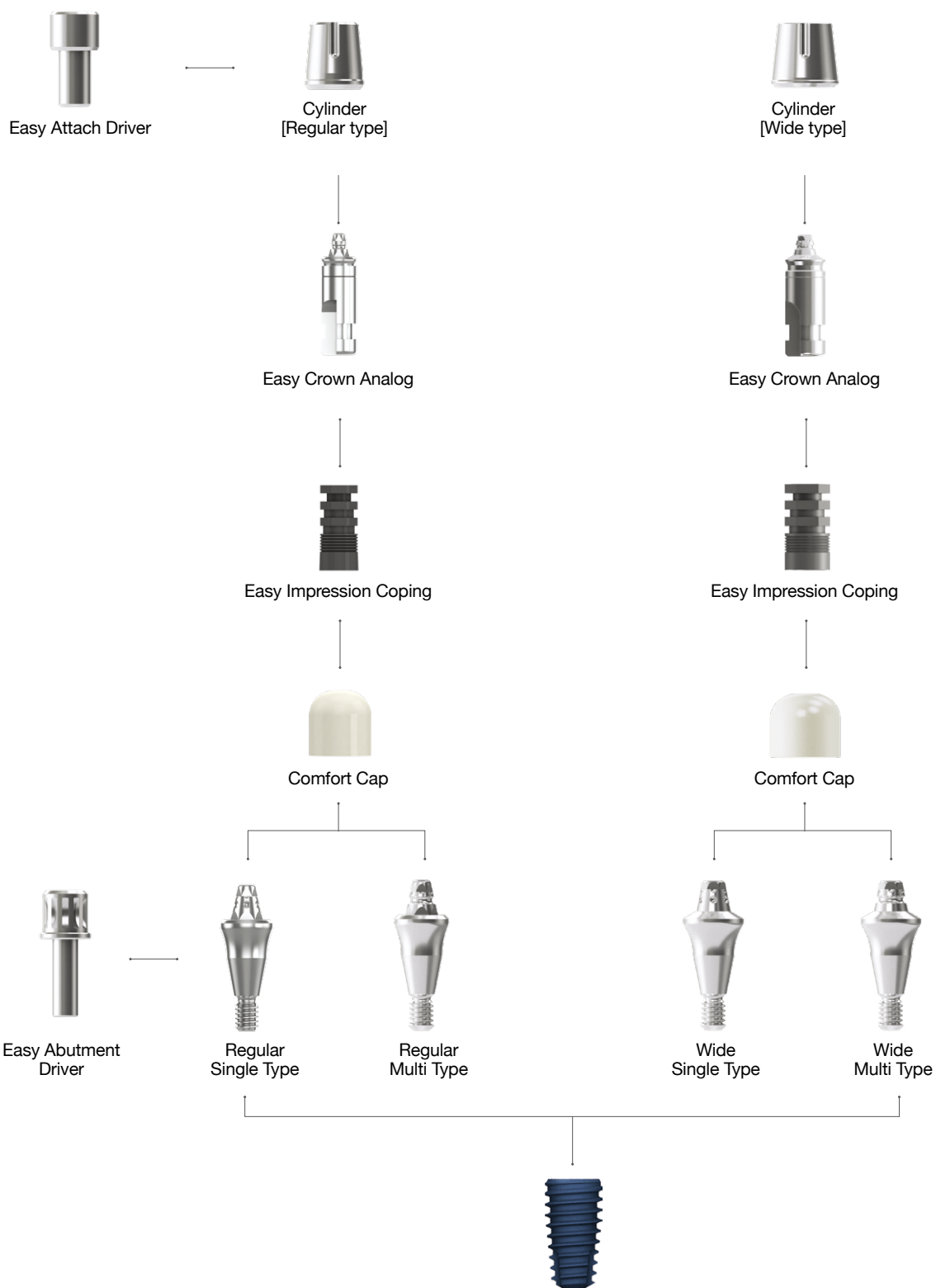
• Recommend torque : 25Ncm

Profile Diameter	Ref.C
Ø4.0	FPC4012T



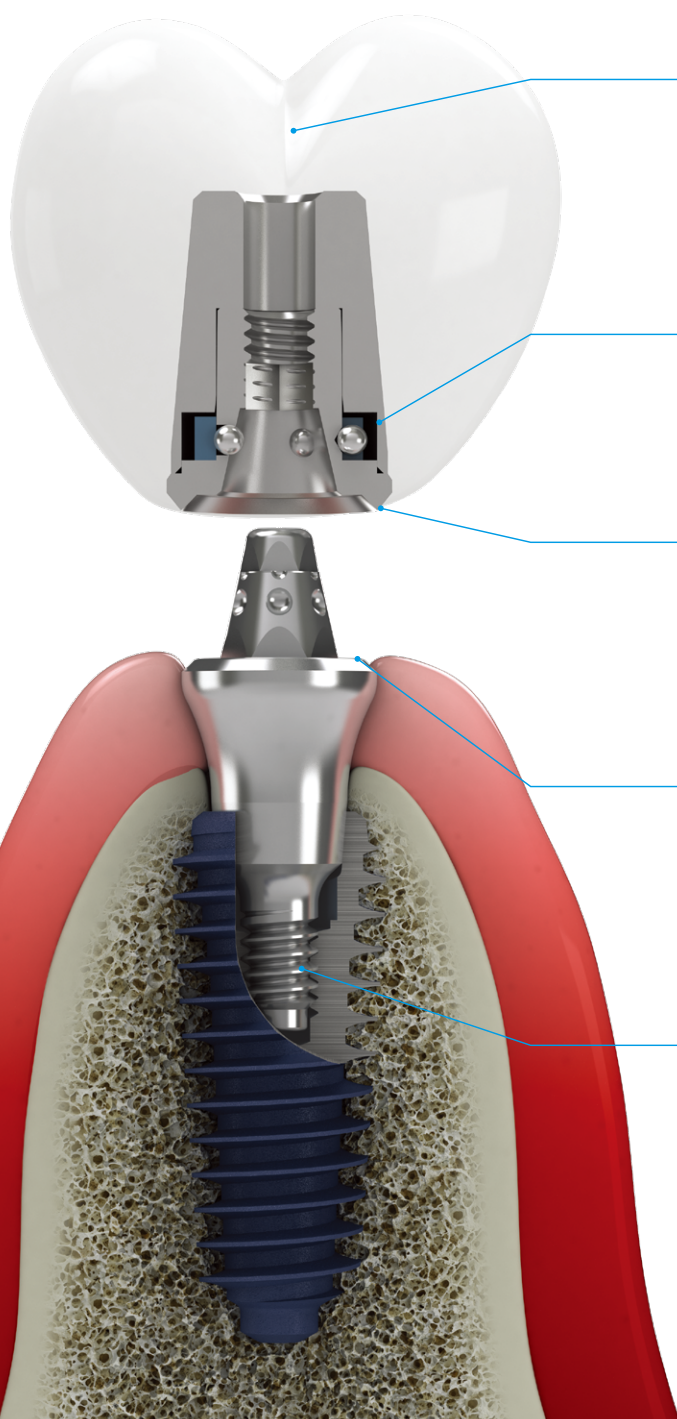
II. Abutment Level Prosthesis

5. EZ Crown & Components



►► EZ CROWN

Imagine perfect prosthetics that can last a life-time!



New concept for implant prosthetics

The EZ locking connection between the dimple of the abutment and the Zirconia ball-Nitinol spring of the cylinder creates a screw-less implant, facilitating an optimal occlusion & esthetic.

High retrievability

The EZ locking connection uses an elastic Nitinol spring & flexible abutment structure that can compensate up to 12.5 degrees, allowing the prosthesis to be retrieved.

This high retrievability enables convenient repair of the implant and effective treatment of any peri-implant inflammation.

No cement

As the EZ Crown abutment functions as a convertible abutment, this allows all the implant procedures to occur at the gingival level, including impression-taking, prosthesis fabrication, and aftercare. As a result, the entire management/maintenance process is improved.

New management & maintenance protocol

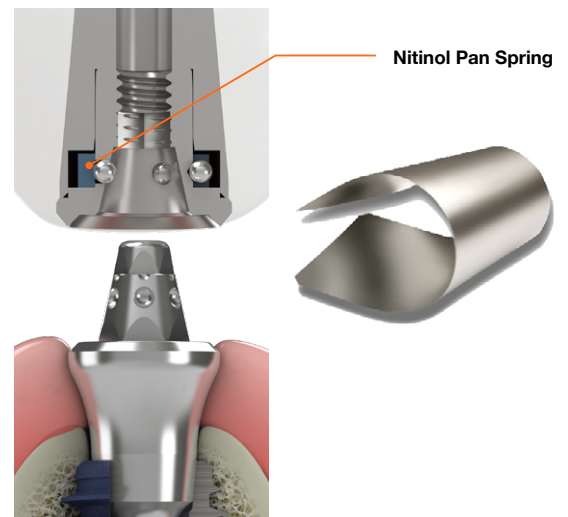
EZ Crown makes the entire management/maintenance process more effective for the clinician pain-free for the patient.

Less sinking, less loosening

The one-piece abutment is tightened into the fixture using a torque of 35N, which 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 retentivity

Nitinol (nikel titanium alloy) is a shape memory alloy that is widely used in aerospace & medical technology. As dental implants need to be maintained for over 10 years, the special shape memory characteristic of Nitinol is applied to provide long-term retentivity of the dental prosthesis.



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	SCRIP
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

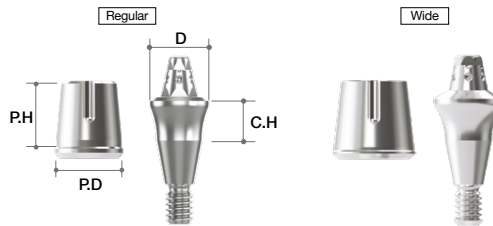
Abutment-level impression only - no impression coping or scan abutment

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

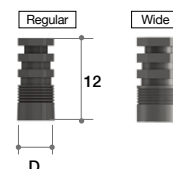


System	Profile Diameter	Cuff Height (mm)	Post Height (mm)	Ref.C	
				Single	Multi
AnyOne	Regular (Ø 5.2)	1.0	3.8	SS52138SR	S52138SR
		2.0		SS52238SR	S52238SR
		3.0		SS52338SR	S52338SR
		4.0		SS52438SR	S52438SR
		5.0		SS52538SR	S52538SR
		1.0	5.0	SS52150SR	S52150SR
		2.0		SS52250SR	S52250SR
		3.0		SS52350SR	S52350SR
		4.0		SS52450SR	S52450SR
		5.0		SS52550SR	S52550SR
	Wide Type (Ø 6.0)	3.8	1.0	SS60138SR	S60138SR
			2.0	SS60238SR	S60238SR
			3.0	SS60338SR	S60338SR
			4.0	SS60438SR	S60438SR
			5.0	SS60538SR	S60538SR
	Wide Type (Ø 6.0)	5.0	1.0	SS60150SR	S60150SR
			2.0	SS60250SR	S60250SR
			3.0	SS60350SR	S60350SR
			4.0	SS60450SR	S60450SR
			5.0	SS60550SR	S60550SR

➔ Components for EZ CROWN

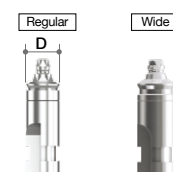
Impression Coping

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



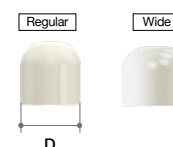
Easy Crown Analog

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



Comfort Cap

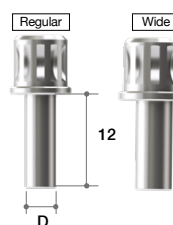
Diameter	Type	Ref.C
Ø5.0	Regular	ECH
Ø6.0	Wide	ECH-W



Easy Abutment Driver

- Used to connect the Abutment

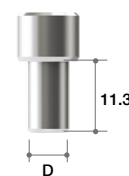
Diameter	Type	Ref.C
Ø4.0	Regular	EAD
Ø4.1	Wide	EAD-W



Easy Attach Driver

- Used to engage and place the cylinder

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



Easy Removal Driver

- Used for cylinder retrieval

Length(mm)	Ref.C
12	EARD

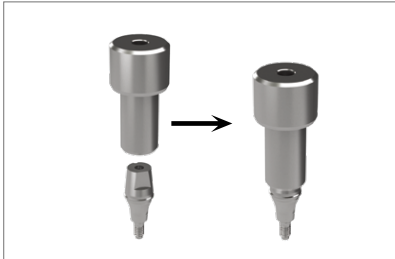


Instrument Set

- Abutment Driver + Cylinder Driver + Retrieval Driver



▶▶ How to use EZ CROWN



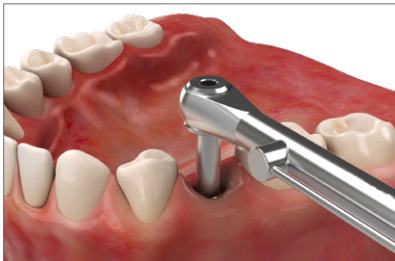
Connect Attach Driver to EZ Crown Abutment-Cylinder set



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



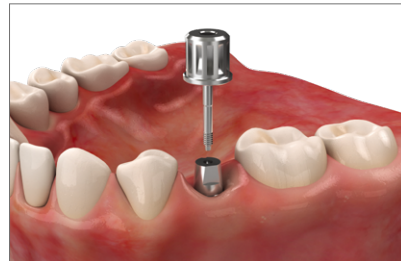
Remove the Cylinder from the EZ Crown Abutment using Remove Driver when tightened to some extent.



Tighten the EZ Crown Abutment to the fixture finally, using the torque wrench and Abutment Driver (35N)



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



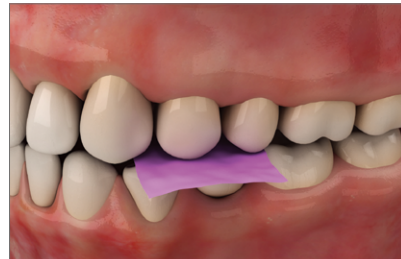
Remove the Cylinder" from the EZ Crown Abutment using Remove Driver



Connect Healing cap to the EZ Crown Abutment. Send Cylinder and the impression model to Dental Lab.



Final Crown and Cylinder



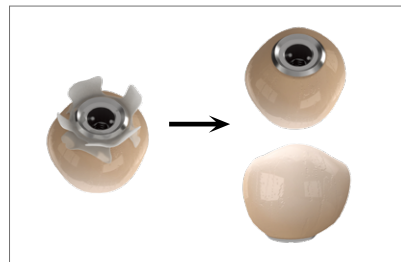
Re-tighten the Cylinder and Final Crown to the EZ Crown Abutment and then check the occlusion.



Remove the Cylinder" from the EZ Crown Abutment using "Remove Driver"



Cylinder and Final Crown cementation



Remove excess cement



Final Prosthesis

III. Overdenture Prosthesis

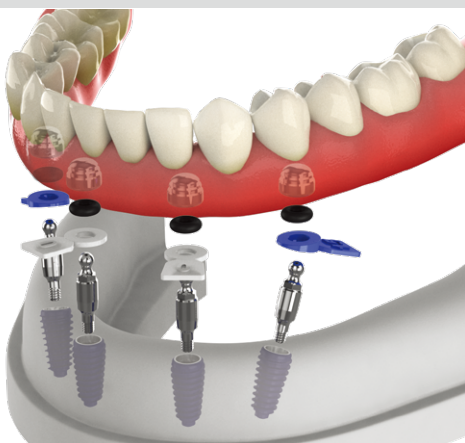
1. MegaGen Overdenture System

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.

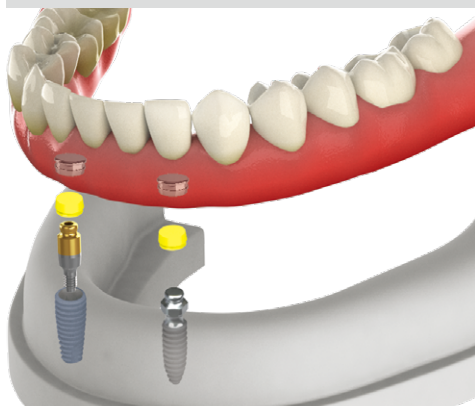
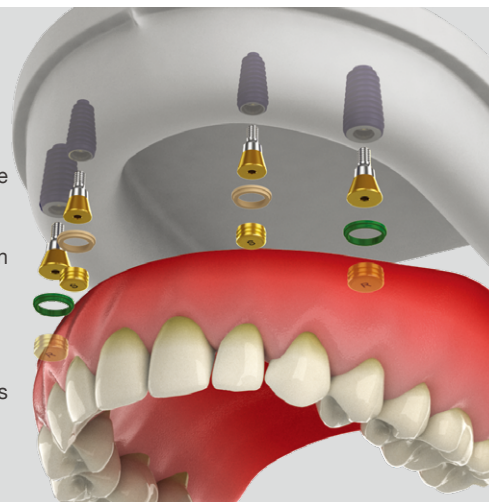
Magnet of Ø4.5 & Ø5.0 is compatible with other products, and laser marking on upper part makes it easy to distinguish between up and down.

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.



Meg-Rhein

Can compensate for tilted implant placement angle up to 50°

Combined head and housing structure is smallest on the market.

Retentive cap is based on Italian technology and has uniform physical properties. Various retention forces (600gf, 1200gf, 1800gf, 2700gf) classified by color can be selected according to each patient.

Dynamic housing with double structure enables tilting to 25° angle, allowing stable denture even when with distorted implant placement angle.

III. Overdenture Prosthesis

2. Meg-Loc Abutment & Component



Meg-Loc Metal Housing set



Block-out Spacer



Meg-Loc Abutment



►► Meg-Loc Overdenture System

Advantages

Better abrasion resistance and durability

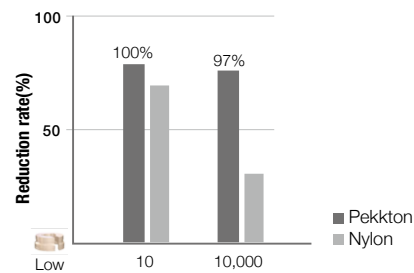
Combination of Titanium housing and reinforced plastic (Pekkton) provides low water solubility and high resistance, making it superior in abrasion resistance and durability compared to existing products.

Water Sorption Test

Property	Meg-Loc (Pekkton)	Product L	Unit
Water Sorption	8.7	93.5	µg/mm ³

Stronger retention and longer life

Strong physical properties of Pekkton and gap in insert increase the elasticity, preventing the insert from being torn or broken unlike existing nylon products, even when angle does not match when attaching & removing denture.



Easy to use

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

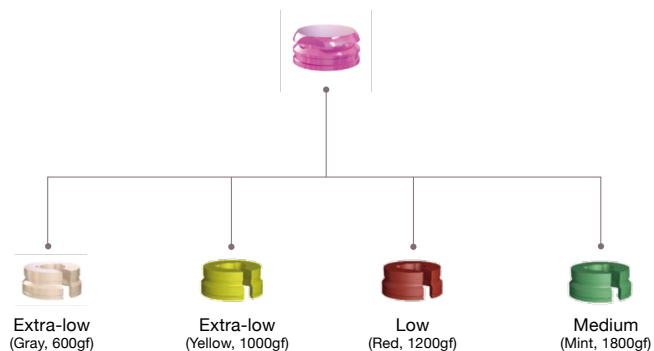
Easy compatibility

Compatible with Product L and Product K (same specifications)

Tilting Angle



Various Retentive Caps of the Meg-Loc

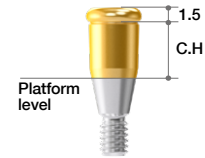


➔ Meg-Loc Overdenture System

Meg-Loc Abutment

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

Cuff Height (mm)	Ref.C
0	MLAO00
1.0	MLAO01
2.0	MLAO02
3.0	MLAO03
4.0	MLAO04
5.0	MLAO05
6.0	MLAO06
7.0	MLAO07



Meg-Loc Package

- 1 Meg-Loc Abutment

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

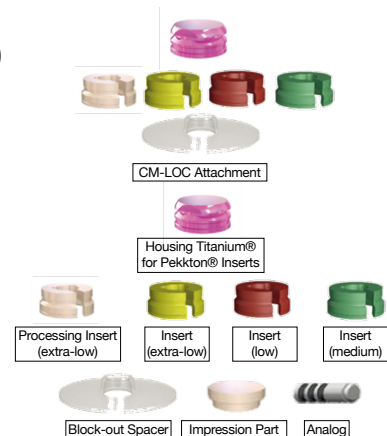
- 1 Titanium Housing
- 1 Block Out Spacer
- 4 Pekkton Retention Inserts (Gray-600gf(for lab), Yellow-1000gf, Red-1200gf, Mint-1800gf)

Cuff Height (mm)	Ref.C
0	MLAO00P
1.0	MLAO01P
2.0	MLAO02P
3.0	MLAO03P
4.0	MLAO04P
5.0	MLAO05P
6.0	MLAO06P
7.0	MLAO07P



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 Insert & Remove Tool

Ref.C
MLMT



III. Overdenture Prosthesis

3. Meg-Ball Abutment & Component



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, and is easier to maintain than other systems.

Double length of life

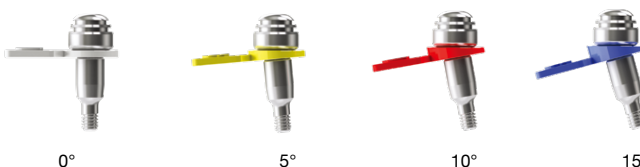


Retentive Ring

High elasticity, abrasion resistance, and durability doubles the length of life when compared with silicone O-ring and guarantees longer life than NBR products.

Stable denture even when implant placement angle is distorted

Positioner (0/5/10/15 degrees) maintains parallel housing direction even when angle of implant placement is distorted, ensuring denture stability



Tilting Angle

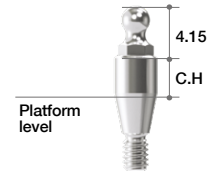


➔ Meg-Ball Overdenture System

Meg-Ball Abutment

- Angle compensation to one side 15 °
(both sides 30 °)
- Ø2.25 Ball shape
- Recommend torque : 35Ncm

Cuff Height (mm)	Ref.C
0	MBAO00
1.0	MBAO10
2.0	MBAO20
3.0	MBAO30
4.0	MBAO40
5.0	MBAO50
6.0	MBAO60
7.0	MBAO70



Meg-Ball Package

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

Cuff Height (mm)	Ref.C
0	MBAO00P
1.0	MBAO10P
2.0	MBAO20P
3.0	MBAO30P
4.0	MBAO40P
5.0	MBAO50P
6.0	MBAO60P
7.0 </td <td>MBAO70P</td>	MBAO70P



Meg-Ball Metal Housing Set

- 1 Metal Housing
- 1 Retentive Ring

Ref.C
MBHR



Retentive Ring Set

- MBR5 = 5ea
- MBR10 = 10ea

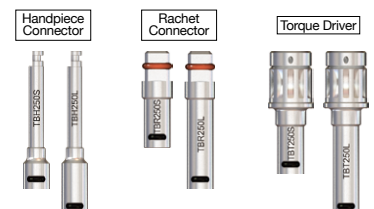
Quantity	Ref.C
5	MBR5
10	MBR10



Ball Driver

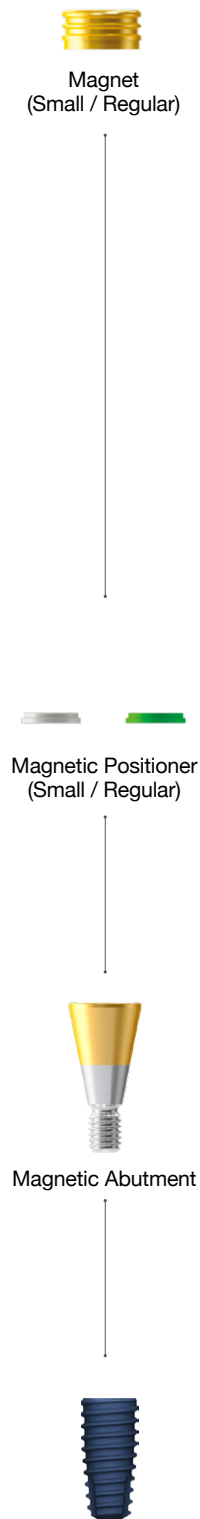
- For seating of the Ball Abutment into the fixture.
- Can connect to a Handpiece, Ratchet or Torque Wrench.
- Available in long and short.
- Refer to Page. 078

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



III. Overdenture Prosthesis

4. Meg-Magnet Abutment & Component



►► Meg-Magnet Overdenture System

Advantages

Easy to apply for elderly patients or disabled patients

Designed for maximum magnetic efficiency and durability

Outstanding retention

- Blocks bursting
- Corrosion resistant
- Abrasion resistant

Easy to distinguish between up and down via laser marking on upper section

No slippage of magnet

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

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

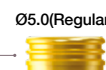
TiN coating provides corrosion resistance
Over 0.1mm thickness at contact with attachment to ensure wear resistance



Magnet of Ø4.5 & Ø5.0 is compatible with other products
Laser marking on upper part makes it easy to distinguish between up and down



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



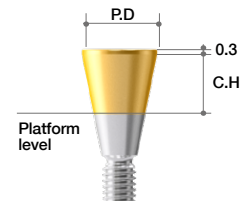
Component of the Meg-Magnet

➔ Meg-Magnet Overdenture System

Meg-Magnet Abutment

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

Profile Diameter	Cuff Height (mm)	Ref.C
Ø4.5	0	MMAO400
	1.0	MMAO410
	2.0	MMAO420
	3.0	MMAO430
	4.0	MMAO440
	5.0	MMAO450
	6.0	MMAO460
Ø5.0	7.0	MMAO470
	0	MMAO500
	1.0	MMAO510
	2.0	MMAO520
	3.0	MMAO530
	4.0	MMAO540
	5.0	MMAO550
	6.0	MMAO560
	7.0	MMAO570



Meg-Magnet Package

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

***Caution!**

[Magnetic Positioner]

- Use according to the standard
- : Small(White)/ Regular(Green)
- Do not reuse

[Magnet]

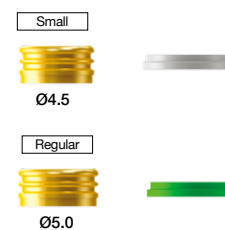
- Do not heat above 70°C
- : Loss of magnetism at high temperatures
- : If sterilization is required, alcohol disinfection is recommended, not autoclave
- Remove if taking MRI.
- No direct contact between products during the procedure
- : Difficulty in separation due to attraction between magnets

Profile Diameter	Cuff Height (mm)	Ref.C
Ø4.5	0	MMAO400P
	1.0	MMAO410P
	2.0	MMAO420P
	3.0	MMAO430P
	4.0	MMAO440P
	5.0	MMAO450P
	6.0	MMAO460P
Ø5.0	7.0	MMAO470P
	0	MMAO500P
	1.0	MMAO510P
	2.0	MMAO520P
	3.0	MMAO530P
	4.0	MMAO540P
	5.0	MMAO550P
	6.0	MMAO560P
	7.0	MMAO570P



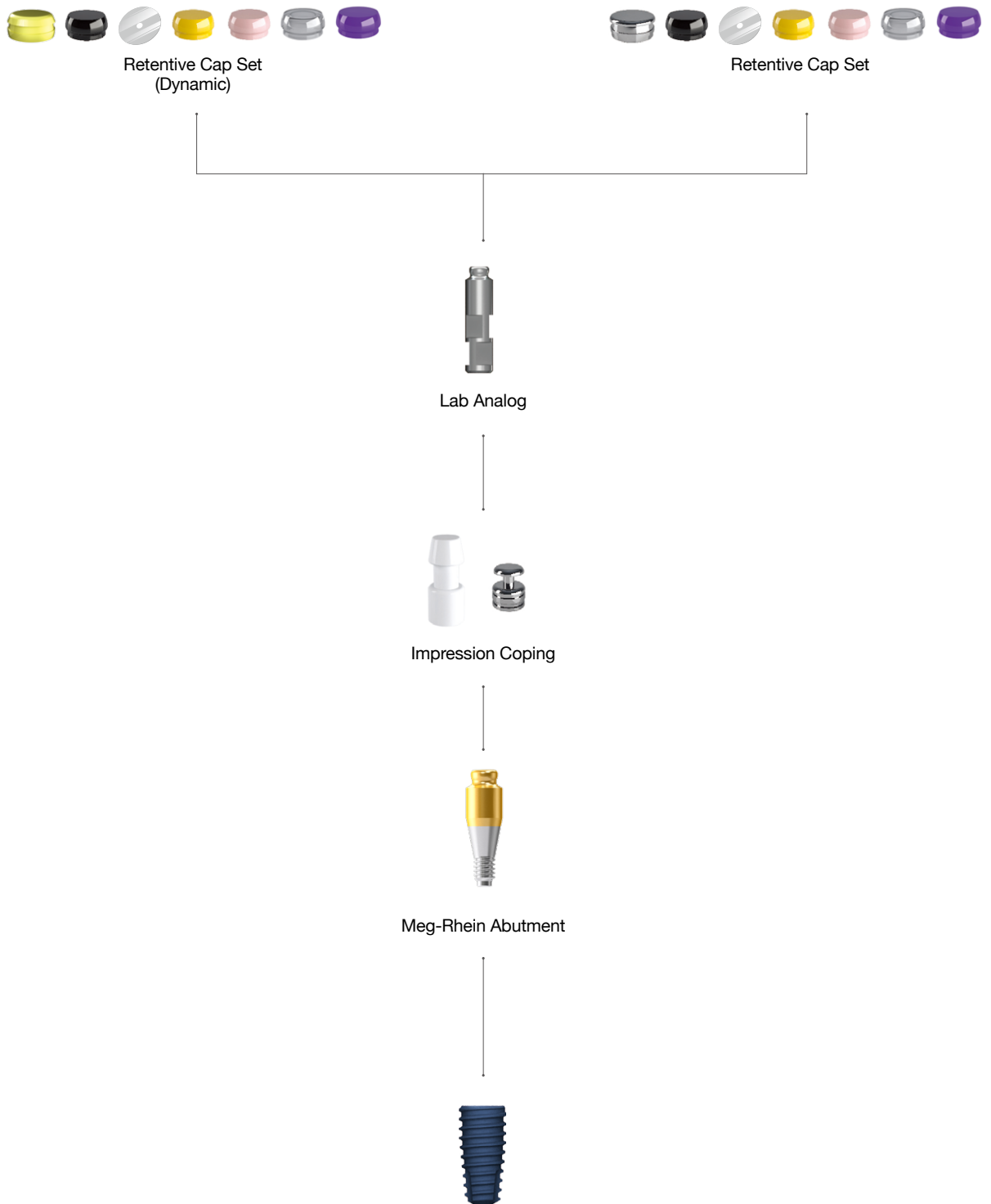
Meg-Magnet Attachment Set

Size	Ref.C
Small	MA402
Regular	MA502




III. Overdenture Prosthesis

5. Meg-Rhein Abutment & Components



►► Overdenture System

Advantages

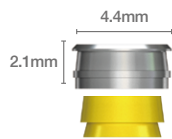
Small & Easy-to-Use Housing System 

Tilting Angle

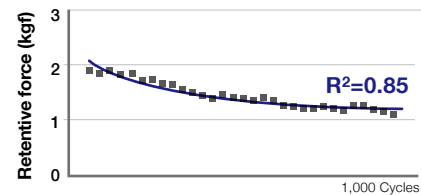
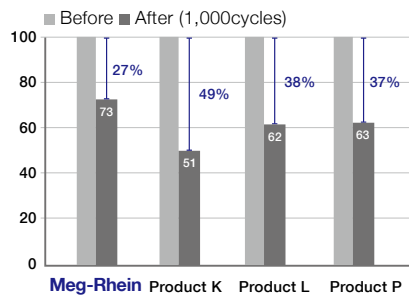
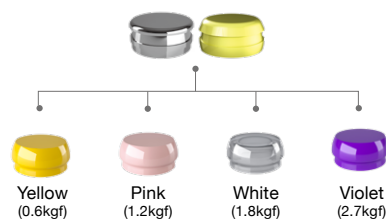
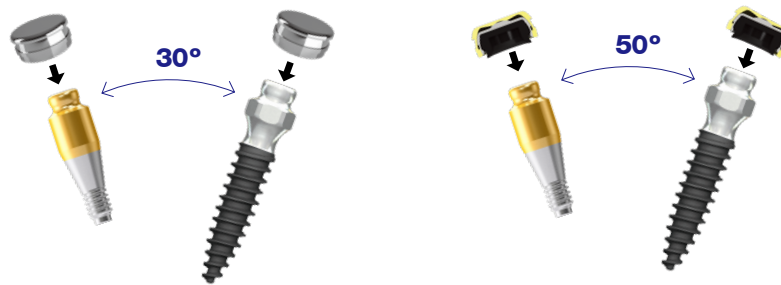
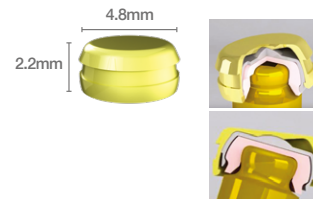
Various Retentive Caps of the Meg-Rhein

Low Reduction Rate & Uniform Variance of Retentive Force

Normal



Dynamic



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

➔ Meg-Rhein Overdenture System

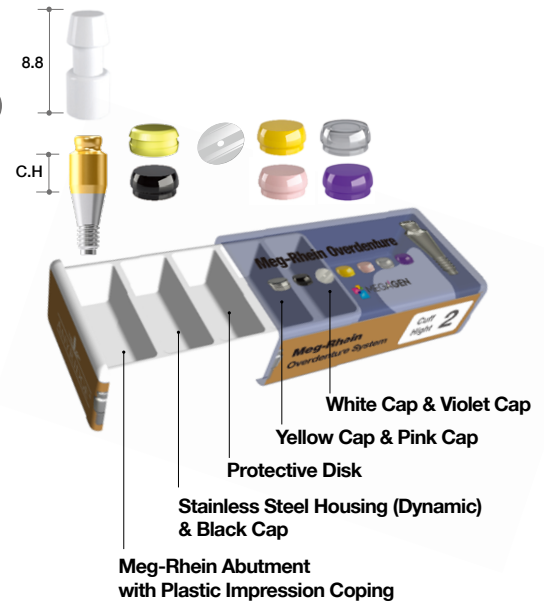
Meg-Rhein Overdenture System

(Dynamic)

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

- Perfect compatibility with the Rhein83 from Italy.
- Recommend torque : 35Ncm.

Cuff Height (mm)	Ref.C					
0	DR00PA					
1.0	DR01PA					
2.0	DR02PA					
3.0 <td DR03PA	4.0	DR04PA	5.0	DR05PA	6.0	DR06PA
4.0	DR04PA					
5.0	DR05PA					
6.0	DR06PA					



Meg-Rhein Overdenture System

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

- Perfect compatibility with the Rhein83 from Italy.
- Recommend torque : 35Ncm.

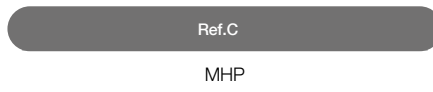
Cuff Height (mm)	Ref.C
0	DR00P
1.0	DR01P
2.0	DR02P
3.0	DR03P
4.0	DR04P
5.0	DR05P
6.0	DR06P



➔ Components for Meg-Rhein Abutment

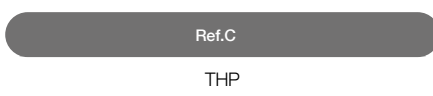
Stainless Steel Housing

- 5ea/pack



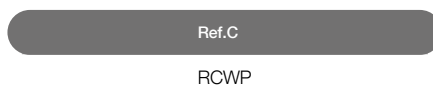
Stainless Steel Housing (Dynamic)

- 5ea/pack



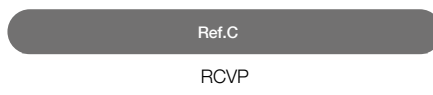
Retentive Caps (White)

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



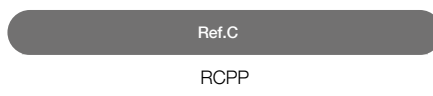
Retentive Caps (Violet)

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



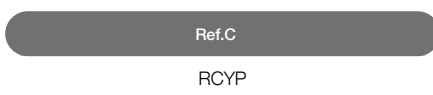
Retentive Caps (Pink)

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



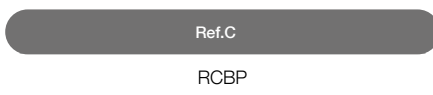
Retentive Caps (Yellow)

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



Retentive Caps (Black)

- For laboratory

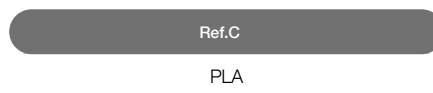


Stainless Impression Coping (Pick-Up)

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

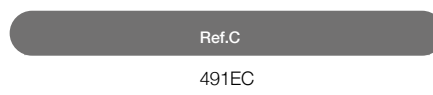


Lab Analog



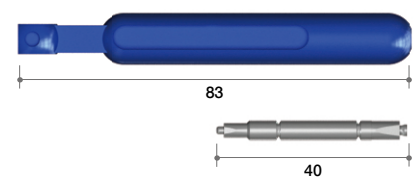
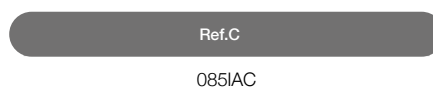
Caps and Clips Extractor tool

- Retentive Cap removal tool.



Retentive Cap Insertion Tool

- Retentive Cap insertion tool.

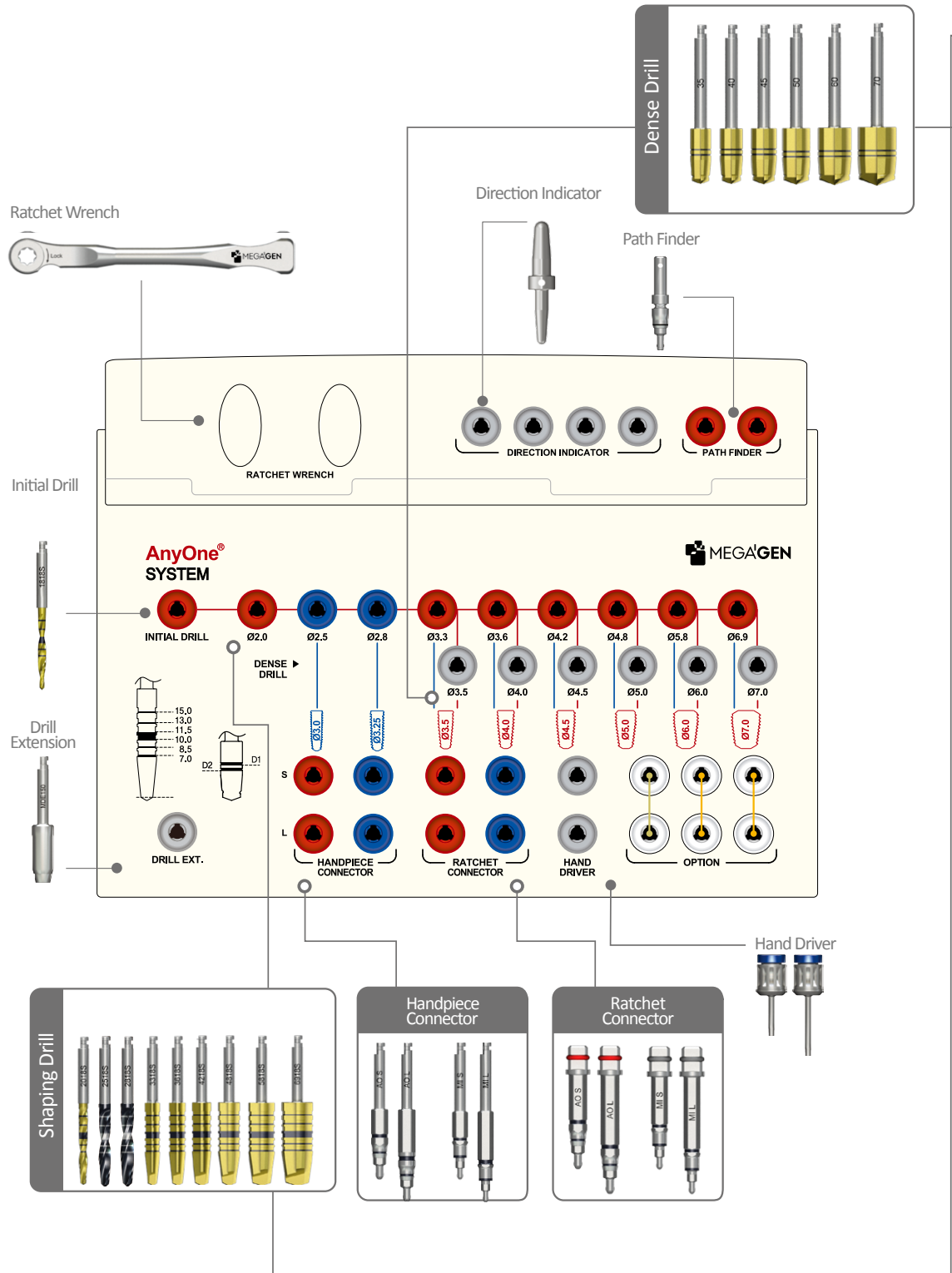


AnyOne Kit

I. AnyOne Surgical Kit

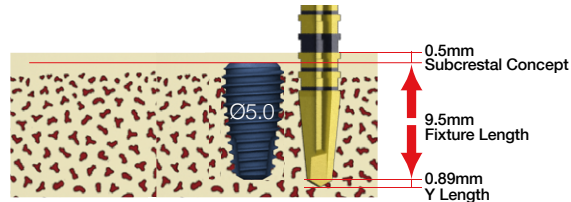
Ref.C

KA0IN3003



Shaping Drill

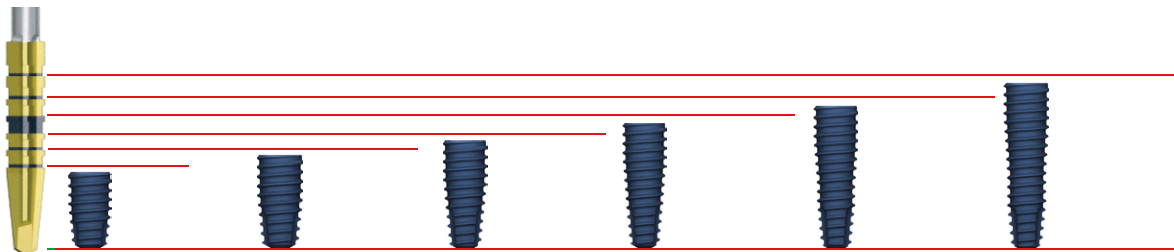
- Each drill has depth marking lines from 7.0mm to 15.0mm
- The dual marking system (grooves and laser markings) provides visual and radio graphic depth verification during surgery.



Drill Diameter	Ø2.8	Ø3.3	Ø3.6	Ø4.2	Ø4.8	Ø5.8	Ø6.9
Y length	0.58	0.59	0.68	0.85	0.89	0.94	0.94

※ Actual drill length : Drill length does not normally include the Y dimension of the drill.

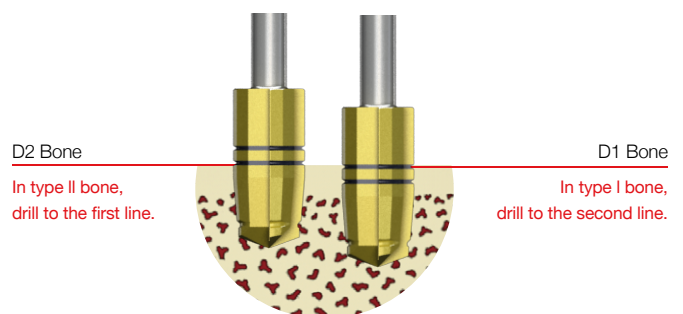
※ Markings on the Shapping Drill are 0.5mm longer than the fixture so fixtures will automatically be placed 0.5mm subcrestally if the drilling protocol is followed.



※ To place a Ø5.0 x 10mm length fixture, the required bone depth would be 10.89mm.
For example : 0.5mm(subcrestal concept) + 0.89mm(Y dimension of drill tip) + 9.5mm (fixture length)

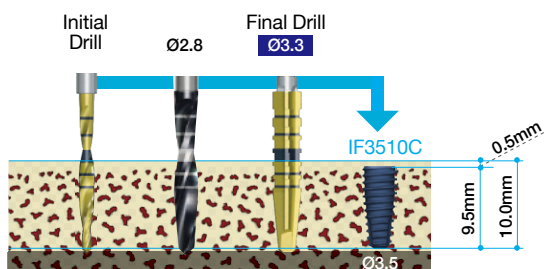
Dense Drill

- To control initial stability in dense bone (type I & II), use the Dense Drill to remove and shape the cortical bone.



► ► Surgical drilling sequence

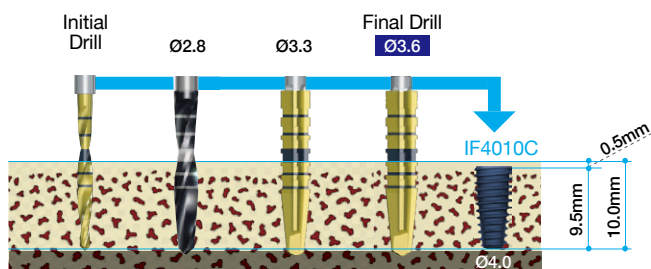
- AnyOne fixtures offer optimum initial stability when they are used with the following drill sequence guide, AnyOne implants should be placed 0.5mm subcrestally.



Ø3.5 Fixture

Ø3.5 Drilling Sequence

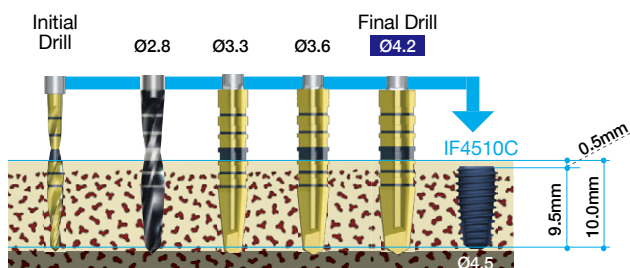
10.0mm is the fixture length, The Shaping Drills are 0.59mm longer than the fixture, so total drill depth is 10.59mm.



Ø4.0 Fixture

Ø4.0 Drilling Sequence

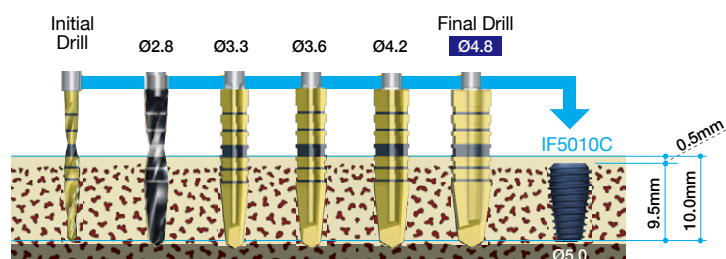
10.0mm is the fixture length, The Shaping Drills are 0.68mm longer than the fixture, so total drill depth is 10.68mm.



Ø4.5 Fixture

Ø4.5 Drilling Sequence

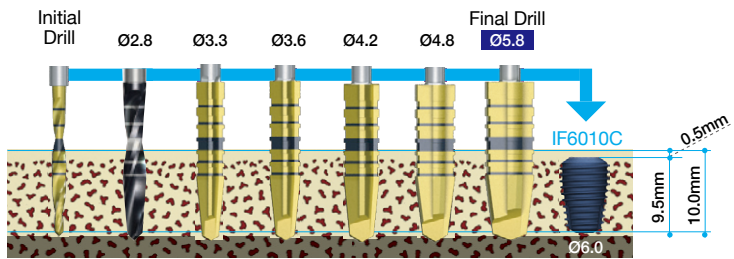
10.0mm is the fixture length, The Shaping Drills are 0.85mm longer than the fixture, so total drill depth is 10.85mm.



Ø5.0 Fixture

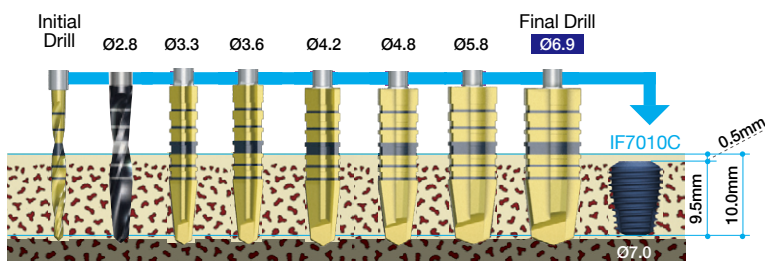
Ø5.0 Drilling Sequence

10.0mm is the fixture length, The Shaping Drills are 0.89mm longer than the fixture, so total drill depth is 10.89mm.



Ø6.0 Fixture
Ø6.0 Drilling Sequence

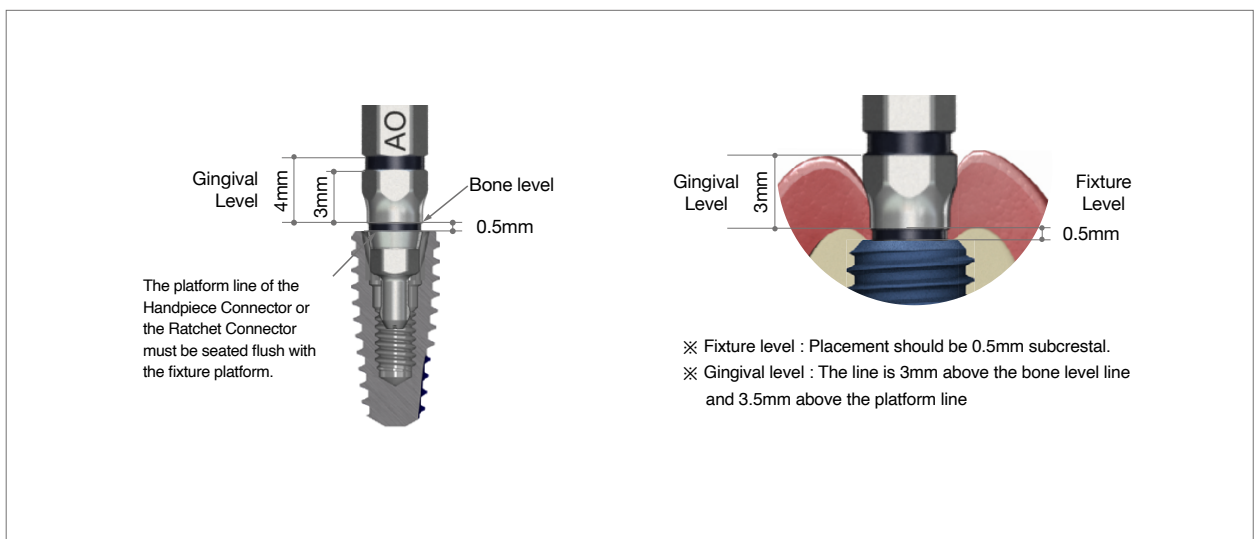
10.0mm is the fixture length, The Shaping Drills are 0.94mm longer than the fixture, so total drill depth is 10.94mm.



Ø7.0 Fixture
Ø7.0 Drilling Sequence

10.0mm is the fixture length, The Shaping Drills are 0.94mm longer than the fixture, so total drill depth is 10.94mm.

►► **Handpiece & Ratchet Connector**



➔ Surgical Kit Components (Continued)

Initial Drill

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

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

(*) Separate sales item



Shaping Drill

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

Diameter	Length(mm)	Ref.C
Ø2.0	33	SD2018S
	38	*SD2018M
	43	*SD2018L
Ø2.5	33	SD2518S
	38	*SD2518M
	43	*SD2518L
Ø2.8	33	SD2818S
	38	*SD2818M
	43	*SD2818L
Ø3.3	33	SD3318S
	38	*SD3318M
	43	*SD3318L
Ø3.6	33	SD3618S
	38	*SD3618M
	43	*SD3618L
Ø4.2	33	SD4218S
	38	*SD4218M
	43	*SD4218L
Ø4.8	33	SD4818S
	38	*SD4818M
	43	*SD4818L
Ø5.8	33	SD5818S
	38	*SD5818M
	43	*SD5818L
Ø6.9	33	SD6918S
	38	*SD6918M
	43	*SD6918L

(*) Separate sales item



Dense Drill

- Used to remove and shape cortical bone to control initial stability in dense bone (type I & II).
- TiN coating on drills : Enhanced corrosion resistance and abrasion resistance.

Diameter	Type	Ref.C
Ø3.9	Long	DD39
Ø4.3		DD43
Ø4.8		DD48
Ø5.3		DD53
Ø6.3		DD63
Ø7.3		DD73



Handpiece Connector

- Used with Handpiece to remove fixture from ampule and to place the fixture.
- Spring type connection allows for easy and secure pick-up and positioning of the fixture.
- First mark on the shaft indicate the position of the fixture platform, For second mark, the bottom of the black line is 3mm and the top of the black line is 4mm(from fixture platform).
- Especially useful in flapless surgery.

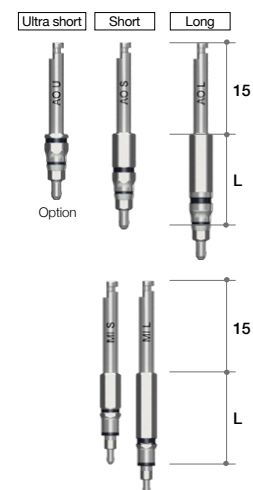
AnyOne Internal& External

Length(mm)	Type	Connection	Ref.C
5	*Ultra-short	Hex. 2.5	HCU25
10	Short		HCS25
15	Long		HCL25

(*) Separate sales item

MiNi

Length(mm)	Type	Connection	Ref.C
10	Short	Hex. 1.7	HCS17
15	Long		HCL17



Ratchet Connector

- Used for inserting or removing a fixture with the Ratchet Wrench.
- Check to make sure the Ratchet Connector is completely seated into the Ratchet Wrench before using.
- Excessive force can cause damage to internal hex of fixture.
- Marks on the shaft indicate the position of fixture platform. Bottom of the black line is 3mm and top of black line is 4mm(from fixture platform).
- Especially useful in flapless surgery.

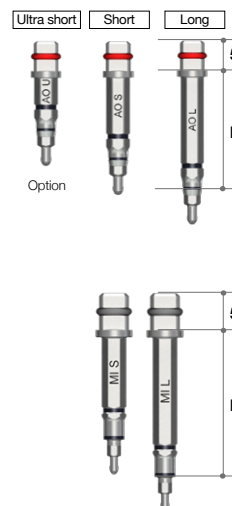
Internal& External

Length(mm)	Type	Connection	Ref.C
10	*Ultra-short	Hex. 2.5	RCU25
15	Short		RCS25
20	Long		RCL25

(*) Separate sales item

MiNi

Length(mm)	Type	Connection	Ref.C
15	Short	Hex. 1.7	RCS17
20	Long		RCL17



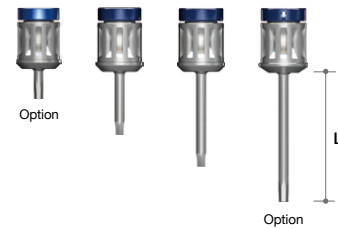
➔ Surgical Kit Components

Hand Driver (Hex 1.2)

- Used for all Cover Screws, Abutment Screws, and Healing Abutments.
- Available in 4 lengths for added convenience.
- Hand Driver can be directly inserted into the Torque Wrench without using an adaptor.
- Hex tip can with stand 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



Hand Driver (Hex 0.9)

- Used for AnyOne External fixture cover screw.
- Available in 3 lengths for convenience.
- Hand Driver can be directly inserted into the to Torque Wrench without using an adaptor.
- Hex tip can with stand 32-35Ncm of torque without distorting.

Length(mm)	Type	Ref.C
5	*Ultra-short	TCMHDU0900
10	Short	TCMHDS0900
15	Long	TCMHDL0900

(*) Separate sales item



Drill Extension

- No more than 45Ncm torque : May distorted when excessive force is applied.
- Extends drills & other handpiece instruments.

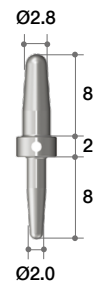
Ref.C
MDE150



Direction Indicator

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

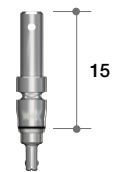
Diameter	Ref.C
Ø2.0 / Ø2.8	MDI100



Path Finder

- After the fixture is placed, a Path Finder may be connected into the fixture and function as a parallel guide for additional osteotomies.
- Grooves indicate the distance from the fixture platform. The first groove is 0.3mm and the second groove is 1mm, especially useful in flapless surgery.

Length(mm)	Ref.C
15	PF



Ratchet Wrench

- Used to exert more force than the Handpiece.
- No bearing system : No breakage and no corrosion problems.
- Arrow laser marking indicates direction of force.

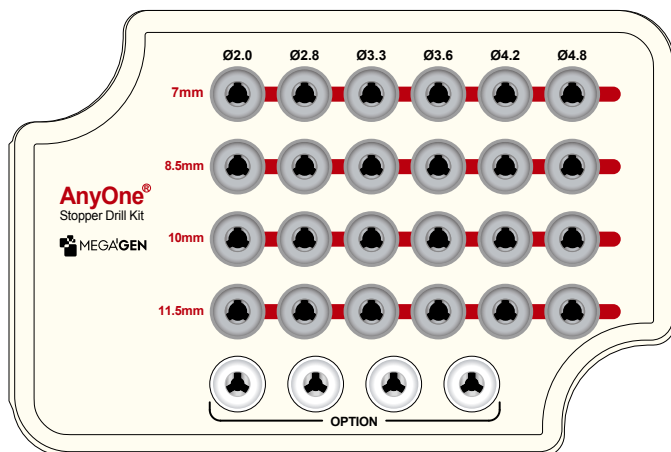
Ref.C
MRW040S



II. Stopper Drill Kit

AnyOne Stopper Drill Kit helps to drill safely and conveniently to a desired depth.

Ref.C
KAOSS3000



Stopper Drill

Diameter	Blade Length (mm)	Ref.C
Ø2.0	7	SD2007M
	8.5	SD2008M
	10	SD2010M
	11.5	SD2011M
Ø2.8	7	SD2807M
	8.5	SD2808M
	10	SD2810M
	11.5	SD2811M
Ø3.3	7	SD3307M
	8.5	SD3308M
	10	SD3310M
	11.5	SD3311M
Ø3.6	7	SD3607M
	8.5	SD3608M
	10	SD3610M
	11.5	SD3611M
Ø4.2	7	SD4207M
	8.5	SD4208M
	10	SD4210M
	11.5	SD4211M
Ø4.8	7	SD4807M
	8.5	SD4808M
	10	SD4810M
	11.5	SD4811M
Ø5.8	7	SD5807M
	8.5	SD5808M
	10	SD5810M
	11.5	SD5811M
Ø6.9	7	SD6907M
	8.5	SD6908M
	10	SD6910M
	11.5	SD6911M

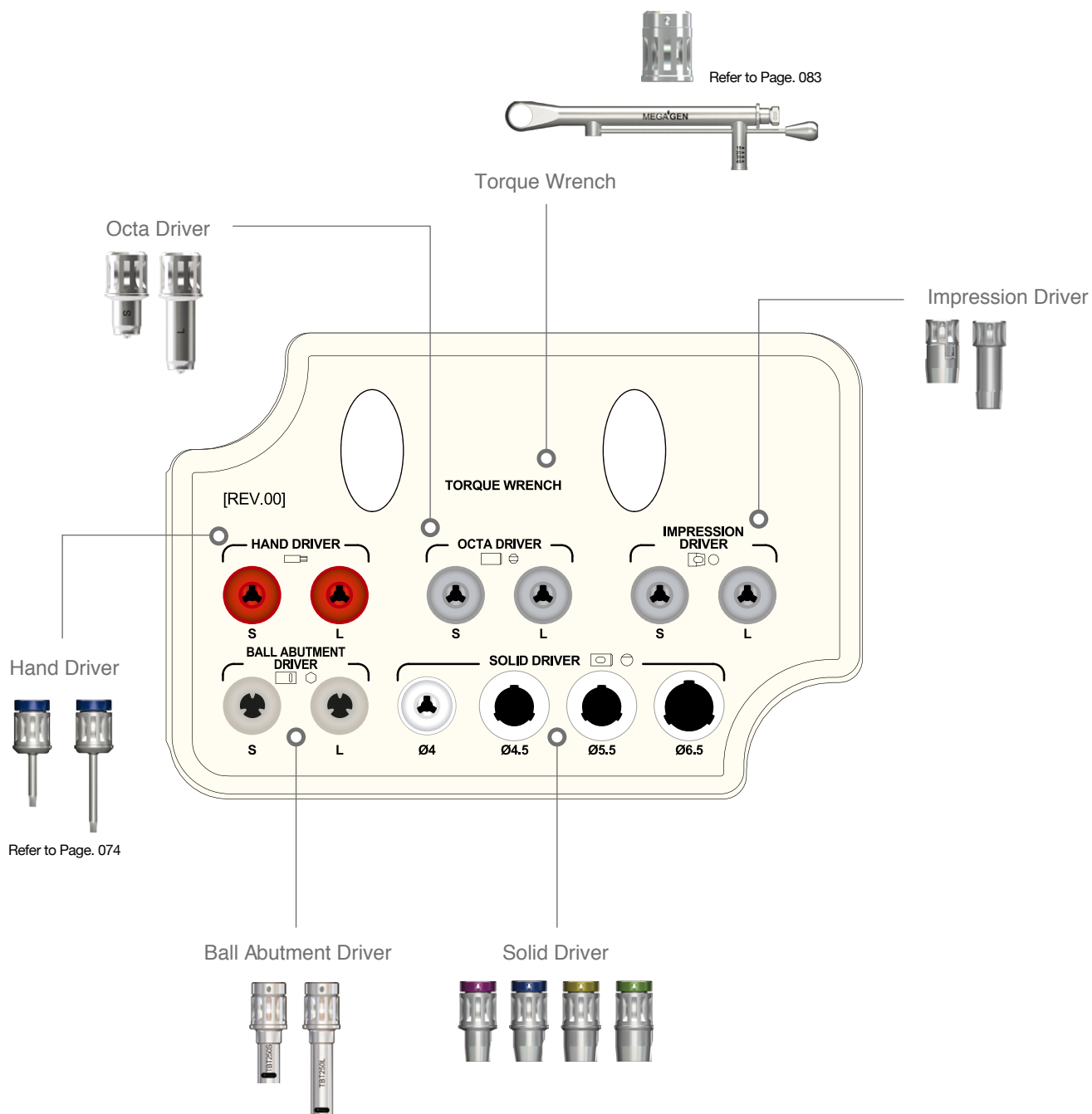
(*) Separate sales item



III. Prosthetic Kit

Ref.C

KAOPK3000



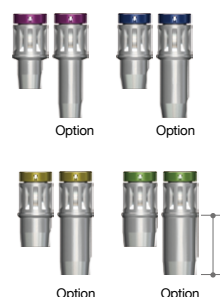
➔ Prosthetic kit Components

Solid Driver

- For seating the Solid Abutment into the fixture.
- Connected to Torque Wrench as well.
- Color coded for different profile diameters.
(Magenta : PD Ø4.0, Blue : PD Ø4.5, Yellow : PD Ø5.5, Green : PD Ø6.5)
- Two different lengths(6mm/ 12mm).

Diameter	Length(mm)	Type	Ref.C
Ø4.0	6	Short	SDS40
	12	Long	*SDL40
Ø4.5	6	Short	SDS45
	12	Long	*SDL45
Ø5.5	6	Short	SDS55
	12	Long	*SDL55
Ø6.5	6	Short	SDS65
	12	Long	*SDL65

(*) Separate sales item



Octa Driver

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

Length(mm)	Ref.C
6	MOD300S
12	MOD300L

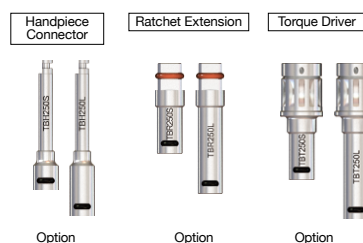


Ball Driver

- For seating the Ball Abutment into the fixture.
- Can connect to a Handpiece, Ratchet or Torque Wrench.
- Available in 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

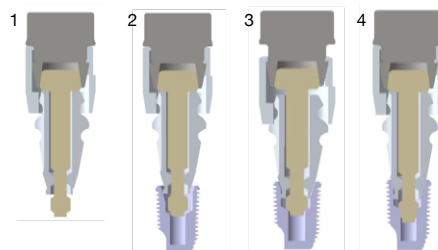
(*) Separate sales item



Impression Coping Driver (Transfer)

- For transfer type of Impression Coping.
- Works with friction only.
- Small but powerful grip.

Type	Ref.C
For Two piece impression Coping	TCMID
For One piece impression Coping	TCMIDE



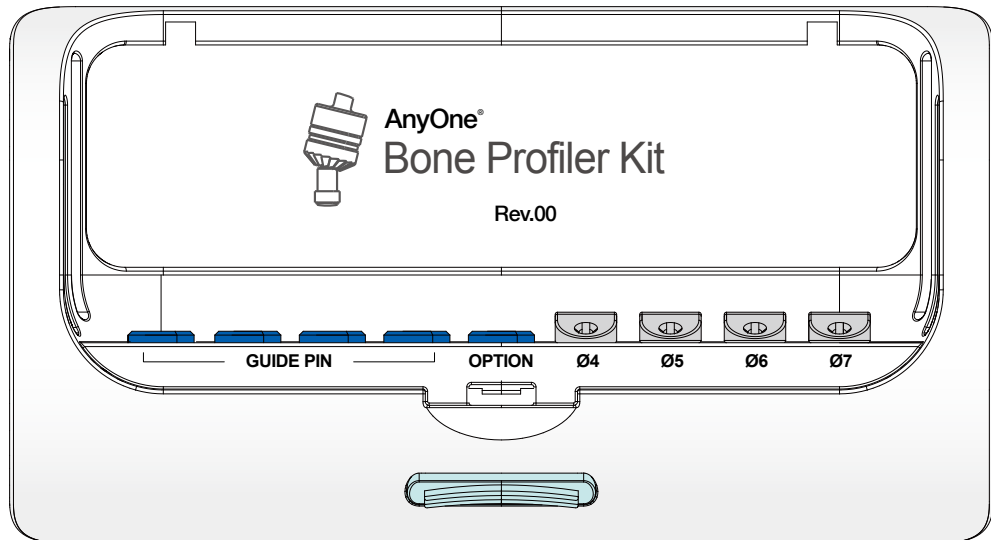
1. Connect Impression Coping and Impression Driver together
2. Adjust Connection with a Fixture by turning a Holder clockwise.
3. Push the Holder and put the Impression Coping into the Fixture.
4. Turn the Driver clockwise to ensure connection of the Impression Coping and Fixture.

IV. Bone Profiler Kit

Ref.C
KAOBP3000

Removes the overhanged bone around a fixture to allow adequate seating of a Healing Abutment or a Prosthetic Abutment.

- Place a Guide Pin into a fixture and choose a Bone Profiler which fits with the situation.
- Four different sizes of bone profiler and four guide pins are included in the kit.

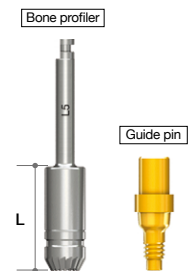


Bone Profiler

- Guide Pin(BPGP2) included.

- Each bone profiler can be purchased separately for refill.
- Each package includes a bone profiler and a guide pin.

Profile Diameter	Length(mm)	Ref.C
Ø4	13	AOBP40G
Ø5		AOBP50G
Ø6	8	AOBP60G
Ø7		AOBP70G



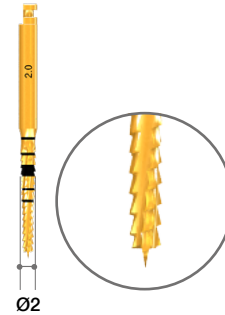
V. Optional components (Continued)

- not included in a surgical kit
- may be purchased separately and placed in the spaces provided in the surgical kit

Lindermann Drill

- Cross cut on the drill.
- Can correct the path during drilling.

Diameter	Ref.C
Ø2	TEEL200M



Hand Tap

- Useful when the internal screw of the Fixture has been damaged
- For Re-tapping the disabled thread
- It can even more damage the thread when excessive force is applied when Re-tapping. Therefore it is recommended to apply the force slowly and gradually
- M1.6 can be used for AnyOne's External fixtures with Small Sizes

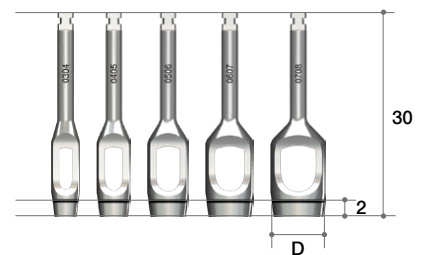
Length(mm)	Type	Ref.C
10	M1.6	THT160L
	M2.0	THT200L



Tissue Punch

- Customized to remove soft tissue using osteotomy socket and useful for flapless surgery
- Easy to identify the thickness of soft tissue by comparing the tissue with the laser marking on the height of 2mm
- Can minimize the loss of soft tissue when conducting a flapless surgery
- Can stop from bleeding when used with Healing Abutment

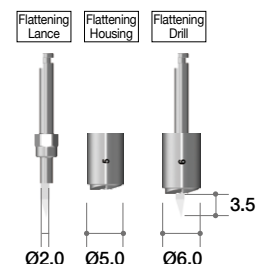
Diameter	Marking	Ref.C
In. Ø3 / Out. Ø4	2mm	TCMTPM0304
In. Ø4 / Out. Ø5		TCMTPM0405
In. Ø5 / Out. Ø6		TCMTPM0506
In. Ø6 / Out. Ø7		TCMTPM0607
In. Ø7 / Out. Ø8		TCMTPM0708



Flattening Drill

- Flattens the irregular bone and enables the stopper drill to drill the exact depth
- Designed to be engaged with Flattening Lance and Housing. There are 2 kinds of Housing to match the 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
- By using Housing Boundary of the path is formed and it becomes the barometer of the drilling position for the next fixture

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



1

2

3

- Use Flattening Drill to make drilling on the right fixture position
(If the Final drill's diameter is from Ø2.0~Ø4.3, use Ø5.0 Housing and in case the diameter is Ø4.8, Ø5.4 use Ø6 Housing.)

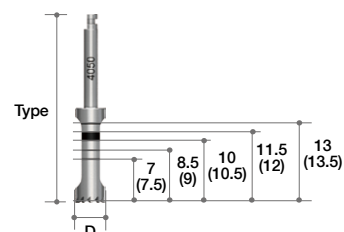
- Start drilling sequence below considering the size of fixtures to place and the bone density

- Start placing the fixtures using Handpiece & Ratchet Connector

Trephine Bur

- Minimizes the drilling steps needed, especially for wider fixtures.
- Helpful for collecting autogenous bone.
- Useful for removing failed and fractured fixtures.
- Depth markings are 7, 8.5, 10, 11.5, 13mm, same depths as fixtures. (No Y dimension so markings are actual length).
- Markings on the drill shaft represent the 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)
Ø5.0 (in Ø4.0)	TANTBE4050	
Ø6.0 (in Ø5.0)	TANTBE5060	
Ø7.0 (in Ø6.0)	TANTBE6070	

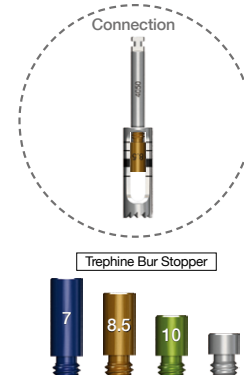


V. Optional components

Trephine Bur Stopper

- Controls the depth of trephination with a Stopper placed into the Trephine.
- Especially useful in cases with limited available bone from important anatomy.

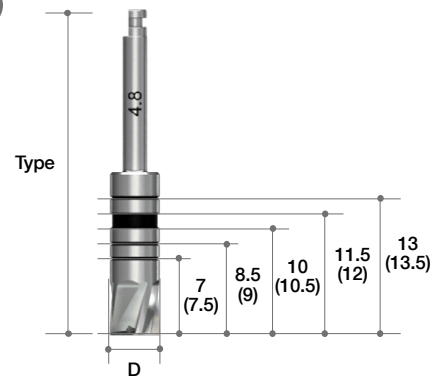
Type	Ref.C
7.0	TANTSF2307
8.5	TANTSF2308
10.0	TANTSF2310
11.5	TANTSF2311



Bottom Drill

- It removes remaining bone in osteotomy socket after trephine drilling.
- It imprints the sizes of fixtures, for example 7, 8.5, 10, 11.5 and 13mm, by laser marker.

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



Reamer Drill & Center Pin

- Removes inner lip of the cast after casting Burn-out Cylinders of Solid Abutment.
- Center Pin have 4 different diameters according to the profile diameter of Solid Abutments.

Diameter	Type	Ref.C
Ø10.0	Reamer Drill	TANRD
Ø4.0	Center Pin	RDJ40
Ø4.5		RDJ45
Ø5.5		RDJ55
Ø6.5		RDJ65



Slot Driver (Slotted type)

- Useful for the placement or removal of AnyOne Healing Abutment which has slot on the top.

Length(mm)	Type	Ref.C
10	Short	SDS06
15	Middle	SDM06
20	Long	SDL06



Multi-unit Driver (2.0 Hex) (For Multi-unit Abutment-S Type)

- For the seating & tightening of Multi-unit Abutment (Straight type)

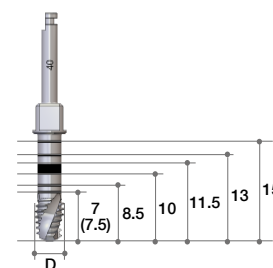
Length(mm)	Type	Ref.C
10	Short	TCMMUDS20
15	Long	TCMMUDL20



Tap Drill

- Can use both Handpiece(Dental implant engine) & Ratchet Wrench

Diameter	Marking	Ref.C
Ø3.9	7.5/ 8.5/ 10/ 11.5/ 13/ 15	TD35
Ø4.3		TD40
Ø4.8		TD45
Ø5.3		TD50
Ø6.3		TD60
Ø7.3		TD70

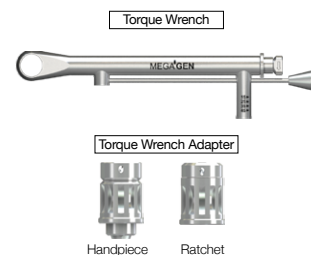


Torque Wrench & Adapter

- Torque Wrench has various options to control the force from 15Ncm ~ 45Ncm and can be used for engaging with Abutment Screw

Type	Ref.C
Torque Wrench	MTW300AT
*Right Angle Adapter (Handpiece)	TTAI100
Torque Wrench Adapter (Ratchet)	TTAR100

(* Separate sales item.



Mount Removal Driver

Length(mm)	Ref.C
19	MVD100



R2 Full Surgical Kit

- If you only use a specific system, corresponding system's full kit can be provided.
- R2 full surgical kit is composed with all of drills and components that are needed for the Digital Guided Surgery which uses R2 Guide™ after R2GATE diagnosis. It helps to actualize minimally invasive surgery and makes exact clinical result as the diagnosis.

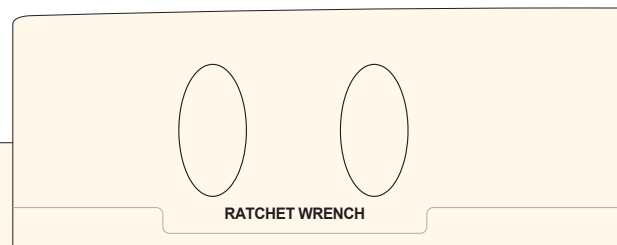
Ref.C

KAGIN3001



Cortical Bone Drill

In type I or II bone, crestal bone is partly reduced to lower the pressure against the fixture during placement.



Initial Drill

Initial Drill Second Drill

Drilling to make the initial drill path

AnyOne ANYGUIDE R2

CORTICAL DRILL

	Ø3.5	Ø4.0
13mm		
11.5mm		
10mm		
8.5mm		
7mm		
DRILL EXTENSION	Ø2.0 Ø2.5 Ø2.8	Ø3.3 Ø3.6

Ø3.5 Ø4.0

Guide Stop Drill

Drill diameter : Ø2.0 ~ Ø 5.9
Drill Length : 7.0 ~ 13.0mm

Guide length : 13.5mm
Drilling length : 7.0 ~ 13.0mm

Drill Extension

Bone Profiler

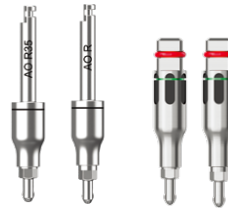


This is used to minimize the interference of the crestal bone when connecting ZrGEN Abutment. [Used before placing the fixture / Recommended RPM 600 ~1000]

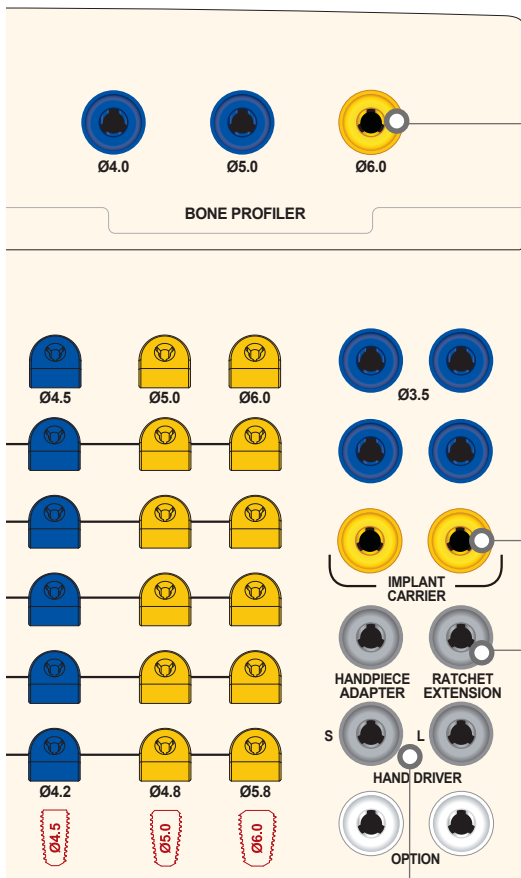
Implant Carrier

: Handpiece Type
: Ratchet Type

► R – AnyOne Regular (ø3.5 ~ø4.5)



► W – AnyOne Wide (ø5.0 ~ ø6.0)



Hand Driver : 1.2 Hex Driver (Short/Long)



Carrier-Handpiece Adapter



Carrier Extension



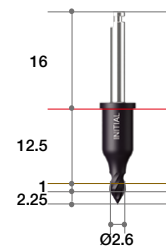
➔ Components for R2 Full Surgical Kit (Continued)

- If you only use a specific system, corresponding system's full kit can be provided.
- R2 full surgical kit is composed with all of drills and components that are needed for the Digital Guided Surgery which uses R2 Guide™ after R2GATE® diagnosis. It helps to actualize minimally invasive surgery and makes exact clinical result as the diagnosis.

Initial Drill

- Use the initial drill in order to mark the drilling position on the bone. Start drilling slowly, when drill guide part is fully contacted with drilling core of R2 Guide™.
- Recommended drilling speed range is 300 ~ 800 RPM with copious irrigation.

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



Second Drill

- This unique step-drill(from Ø2.0 to Ø4.6) is used to flare out the upper cortical bone of the osteotomy.
- It helps not only the rest drilling procedure but abut- ment connection. In case of hard bone, if the 2nd drilling will be disturbed by thick cortical bone. Stop the drilling and try it after final drilling procedure.

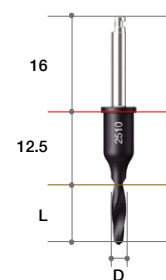
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø2.5	Ø5.0	5.0	R2SD2505



Stopper Drill

- Universal drills consist of Ø2.0, Ø2.5, Ø2.8 diameter to enlarge the osteotomy gradually.
- The length of drill are designed as 7.0, 8.5, 10, 11.5, 13mm for most common length of implant system.
- Recommended drilling speed range is 500 ~ 800 RPM with copious irrigation.

Diameter	Guide Diameter	Length(mm)	Ref.C
Ø2.0	Ø3.5	6.5	AGSD2007
		8.0	AGSD2008
		9.5	AGSD2010
		11.0	AGSD2011
		12.5	AGSD2013
Ø2.5	Ø3.5	6.5	AGSD2507
		8.0	AGSD2508
		9.5	AGSD2510
		11.0	AGSD2511
Ø2.8	Ø3.5	12.5	AGSD2513
		6.5	AGSD2807
		8.0	AGSD2808
		9.5	AGSD2810
		11.0	AGSD2811
		12.5	AGSD2813



Bone Profiler

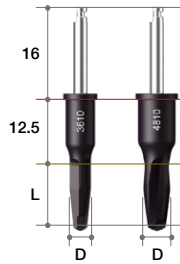
- Recommended drilling speed is 300 ~ 800 RPM.

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



Stopper Drill

• Recommended drilling speed is 300 ~ 800 RPM.



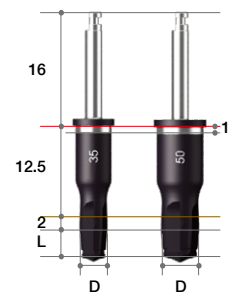
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø3.3	Ø5.0	7.0	AOSD3307
		8.0	AOSD3308
		9.5.0	AOSD3310
		11.0	AOSD3311
		12.5	AOSD3313
Ø3.6	Ø5.0	7.0	AOSD3607
		8.0	AOSD3608
		9.5	AOSD3610
		11.0	AOSD3611
		12.5	AOSD3613
Ø4.2	Ø5.0	7.0	AOSD4207
		8.0	AOSD4208
		9.5	AOSD4210
		11.0	AOSD4211
		12.5	AOSD4213

Diameter	Guide Diameter	Length(mm)	Ref.C
Ø4.8	Ø6.5	7.0	AOSD4807
		8.0	AOSD4808
		9.5	AOSD4810
		11.0	AOSD4811
Ø5.8	Ø6.5	12.5	AOSD4813
		7.0	AOSD5807
		8.0	AOSD5808
		9.5	AOSD5810
		11.0	AOSD5811
		12.5	AOSD5813

Cortical Bone Drill

• Recommended drilling speed : 300 ~ 800 RPM

Diameter	Guide Diameter	Length(mm)	Ref.C
Ø3.9	Ø5.0	6.0	AODD39
Ø4.3			AODD43
Ø4.8			AODD48
Ø5.3	Ø6.5	5.5	AODD53
Ø6.3			AODD63

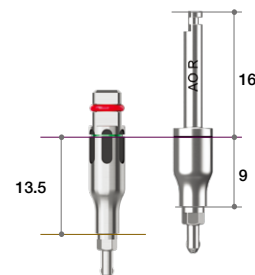


➔ Components for R2 Full Surgical Kit (Continued)

Implant Carrier

- Two different implant carriers for regular stent since Ø3.5 fixture has different abutment connection
- To pick up the fixture from the ampule and insert it to the osseotomy. Then turn it to clock-wise direction 2~3 times manually.
- When it gets fixation from the osteotomy, connect the handpiece adaptor and use implant motor.
- Recommended insertion torque is 45~50Ncm.

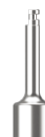
Connection	Guide Diameter	Type	Ref.C
2.5 Hex	Ø5.0	Ratchet	ICRH2518
			ICRH2523
	Ø6.5	Handpiece	ICWH2523
	Ø5.0		ICRH2518H
Ø6.5	ICRH2523H		
			ICWH2523H



Carrier-Handpiece Adapter

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

Diameter	Ref.C
5.0	AGHA



Carrier Extension

- To extend the length of implant carrier.

Diameter	Ref.C
4.0	MRE400S



Drill Extension

- No more than 35Ncm torque : May distorted when excessive force is applied.
- Extends drills & other handpiece instruments.

Ref.C
MDE150



Hand Driver (1.2 Hex)

- Used for all Cover Screws, Abutment Screws, and Healing Abutments.
- Available in 4 lengths for added convenience.
- Hand Driver can be directly inserted into the Torque Wrench without using an adaptor.
- Hex tip can with stand 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.

Ratchet Wrench

- Used to exert more force than the Handpiece.
- No bearing system : No breakage and no corrosion problems.
- Arrow laser marking indicates direction of force.

Ref.C
MRW040S

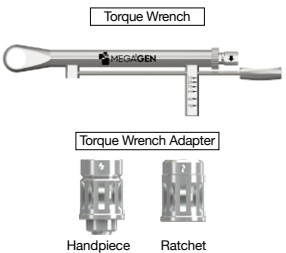


Torque Wrench & Adapter

- Use for implant placement & final tightening of abutment screw
- Torque range: 15Ncm to 45Ncm

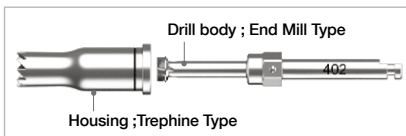
Type	Ref.C
*Torque Wrench	MTW300A
*Torque Wrench Adapter (Handpiece)	TTAI100
*Torque Wrench Adapter (Ratchet)	TTAR100

(*) Separate sales item.

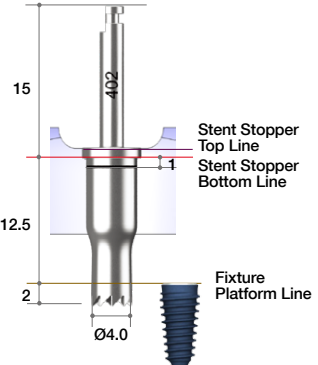


Narrow Crest Drill

- 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



Anchor Kit

For an edentulous case or free end case, R2 Guide™ is fixed with Anchor Pins specially designed for stability of the R2 Guide™.

System	Ref.C
AnyOne	KAGAS3001

You can order your own Anchor kit for your favorite implant system



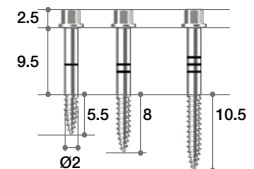
➔ Components for Anchor Kit



Anchor Pin

- Distinguish the length size by the numbers of Line marking
- Connect through Trox Tip

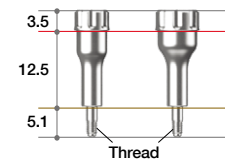
Diameter	Length(mm)	Marking Line	Ref.C
Ø2.0	5.5	1	TCMACP2015
	8.0	2	TCMACP2018
	10.5	3	TCMACP2020



Stent Anchor

- Connect through Hand & Hand Driver

Thread	Guide Diameter	Ref.C
M2.0	Ø5.0	AGSAR20
	Ø6.5	AGSAW20



Trox Tip

Length(mm)	Ref.C
80	AGTT80



Tip Driver

Ref.C
TD



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®

II. TiGEN®

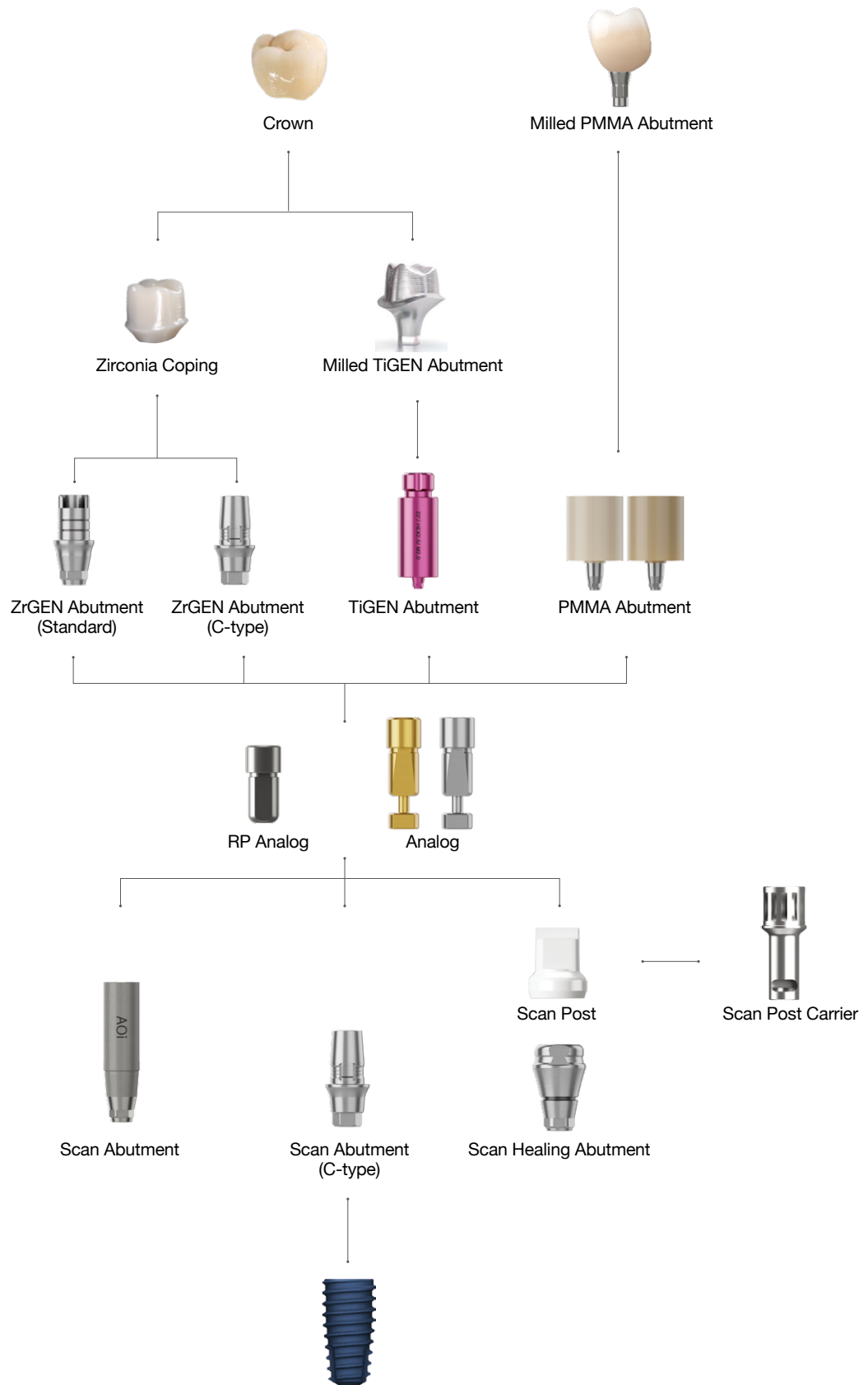
TiGEN® is the brand name of MegaGen's Pre-milled Abutment. It promises outstanding durability and simplified dental implant prosthesis. Ready-made connection part provides a strong and precise connection with the implant fixture.



Clinical Application



➔ Digital Prosthesis



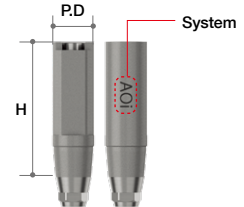
➔ Scan Abutment Option

Scan Abutment

- Abutment Screw included.
 - ✓ AnyOne Internal (SAAS20)
 - ✓ Octa Level (SAIRCS200)
 - ✓ MUA Level (SAMUAS)
- For Chairside/ Labside
- Included spare Abutment Screw
- Supporting Dental CAD
 - 3Shape
 - exocad
 - Dental Wings
- Recommend torque : By Hand (5~8Ncm)

Standard

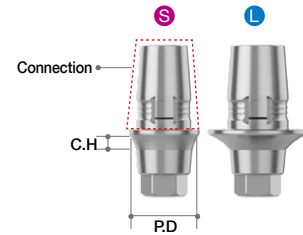
System	Profile Diameter	Height (mm)	Ref.C
AnyOne Internal	Ø4.0	9	AAOISR4009T
		13	AAOISR4013T
Octa Level	Ø4.0	11	AOCESC4011T
MUA Level (N Type)	Ø4.0	13	AMUASR4013T



- Abutment Screw included.
 - ✓ AnyOne Internal (SAAS20)
- 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.
- In in Lab CAD Software, compatible with Xive Library.
- Recommend torque : By Hand (5~8Ncm)

C-type

System	Profile Diameter	Cuff Height (mm)	Connection	Ref.C	
AnyOne Internal	Ø3.9	0.5	S	AOICSS3405T	
		1		AOICSS3410T	
		2		AOICSS3420T	
		Ø4.3		0.5	AOICSS3805T
				1	AOICSS3810T
				2	AOICSS3820T
	Ø5.5	0.5	L	AOICSL4505T	
		1		AOICSL4510T	
		2		AOICSL4520T	



Scan Healing Abutment

- Abutment Screw included.
 - ✓ AnyOne Internal (AOIHS2004/AOIHS2005/AOIHS2007/AOIHS2009)
- 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 - FDA : Approved in 2023

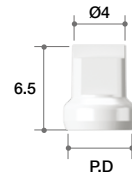
System	Profile Diameter	Height (mm)	Ref.C
AnyOne Internal	Ø4.0	4	AOISH4004T
		5	AOISH4005T
		7	AOISH4007T
		9	AOISH4009T
	Ø4.5	4	AOISH4504T
		5	AOISH4505T
		7	AOISH4507T
		9	AOISH4509T
	Ø5.5	4	AOISH5504T
		5	AOISH5505T
		7	AOISH5507T
		9	AOISH5509T
	Ø6.5	4	AOISH6504T
		5	AOISH6505T
		7	AOISH6507T
		9	AOISH6509T



Scan Post

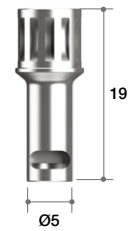
- Scan Healing Abutment should be exposed 2.0mm from the surgical site for accurate scanning. Scanning would be much easier if you connect Scan Post when scanning seems difficult due to less exposure of Scan Healing Abutment or other conditions.
- Select Scan Post based on the diameter of Scan Healing Abutment
 - * AnyOne Internal Profile Diameter
 - Ø4.0 → Ø4.0
 - Ø4.5 → Ø5.0
 - Ø5.5 → Ø6.0
 - Ø6.5 → Ø7.0
- 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

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

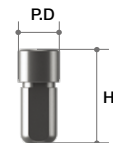


➔ Analog Option

RP Analog

- For Chairside/ Labside
- Supporting Dental CAD
 - 3Shape
 - exocad

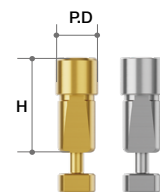
System	Profile Diameter	Height (mm)	System
AnyOne Internal	Only Ø3.5	9	CAOIAS3509
	-		CAOJAR4009
Octa Level	Small	9	OCTARA4
	Regular		OCTARA5
	Wide		OCTARA6
MUA Level (N Type)	Ø4.8	9	MUALA



Analog

- Analog Screw(ALS18) included.
- For Chairside/ Labside
- Supporting Dental CAD
 - 3Shape
 - exocad
- 2 piece type

System	Profile Diameter	Height (mm)	System
AnyOne Internal	Only Ø3.5	9	AOIALS
	-		AOIALR
Octa Level	Small	9	OCTAALS
	Regular		OCTAALR
	Wide		OCTAALW
MUA Level (N Type)	Ø4.8	9	MUAAL

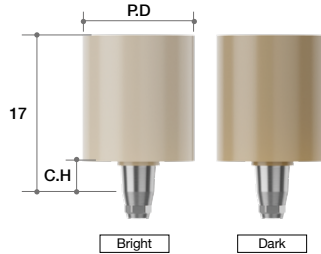


PMMA Abutment Option

PMMA Abutment

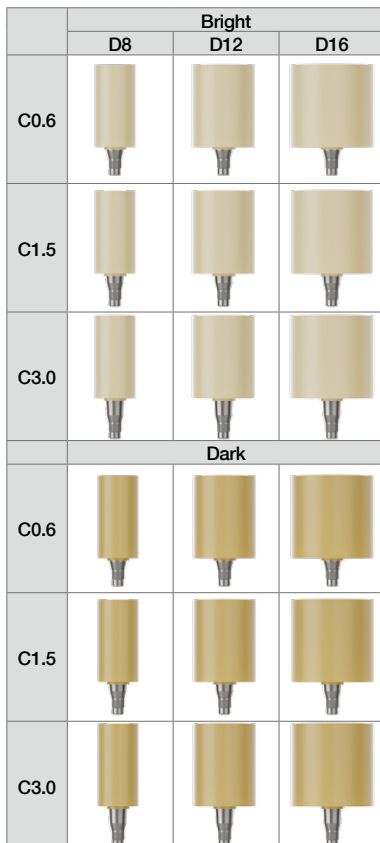
(Comming soon)

- Abutment Screw included.
- ✓ AnyOne Internal (AS20)
- 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
- Supporting Dental CAD
 - 3 Shape
 - exocad
- Supporting Milling Machine
 - MegaGen Implant : BX5
 - ARUM DENTISTRY
- Recommend torque : 25Ncm
- FDA : Approved in 2024
- CE : Approved in 2024



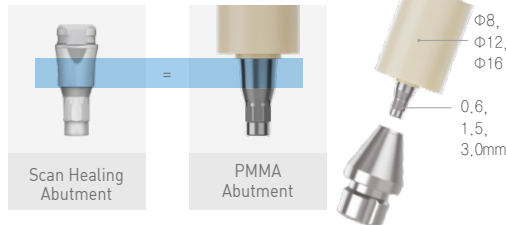
System	Color	Profile Diameter	Cuff Height (mm)	Length (mm)	Type	Ref.C
AnyOne Internal	Bright	Ø8	0.6	17	Hex	AOPA0608B.MTN
			1.5			AOPA1508B.MTN
			3.0			AOPA3008B.MTN
		Ø12	0.6			AOPA0612B.MTN
			1.5			AOPA1512B.MTN
			3.0			AOPA3012B.MTN
		Ø16	0.6			AOPA0616B.MTN
			1.5			AOPA1516B.MTN
			3.0			AOPA3016B.MTN
	Dark	Ø8	0.6			AOPA0608D.MTN
			1.5			AOPA1508D.MTN
			3.0			AOPA3008D.MTN
		Ø12	0.6			AOPA0612D.MTN
			1.5			AOPA1512D.MTN
			3.0			AOPA3012D.MTN
		Ø16	0.6			AOPA0616D.MTN
			1.5			AOPA1516D.MTN
			3.0			AOPA3016D.MTN

[PMMA Abutment Line-Up]



▶ PMMA Abutment have same form of cuff shape as the Scan Healing Abutment thus custom abutment with perfectly fit to emergence profile can be fabricated

· Various cuff sizes for various gingival heights



▶ Integrated Ti-base & PMMA

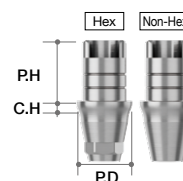
- No inner crown surface milling, reducing processing time by 30%!
- No cement work between Ti-base & crown!
- 50% reduction in processing time!



➔ ZrGEN Abutment Option (Continued)

ZrGEN Abutment

- Abutment Screw included.
 - ✓ AnyOne Internal (AS20)
 - ✓ Octa Level (IRCS200)
 - ✓ MUA Level (MUAS)
- Titanium Base
- 1 set consists of 10 Abutments.
 - included spare Abutment Screw
 - MiNi ZrGEN has special abutment screw (Available only in ZrGEN Abutment)
- Supporting DentalCAD
 - 3 Shape
 - Exocad
 - Dental Wing
- Post Height can be checked by the number of Groove.
 - Post Height : 4.5mm → Groove : 2ea
 - Post Height : 5mm → Groove : 3ea
 - Post Height : 6mm → Groove : 4ea
 - Post Height : 8mm → Groove : 6ea
- Recommend torque
 - 35Ncm : AnyOne Internal / Octa Level
 - 15Ncm : MUA Level



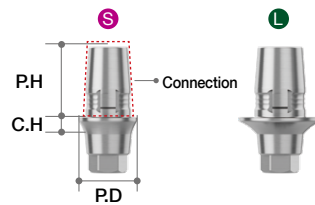
Standard

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

System	Profile Diameter	Cuff Height (mm)	Post Height (mm)	Type	Ref.C		
Octa Level	Small	Ø5.0	0.8	Octa	AOCEPS5015.MTN		
					6	AOCEPS5016.MTN	
					8	AOCEPS5018.MTN	
			0.8		Non-Octa	5	ANOEPS5015.MTN
						6	ANOEPS5016.MTN
						8	ANOEPS5018.MTN
	Regular	Ø5.5	0.8	Octa		AOCEPR5515.MTN	
						6	AOCEPR5516.MTN
						8	AOCEPR5518.MTN
			0.8		Non-Octa	5	ANOEPR5515.MTN
						6	ANOEPR5516.MTN
						8	ANOEPR5518.MTN
Wide	Ø6.5	0.8	Octa	AOCEPW6515.MTN			
				6		AOCEPW6516.MTN	
				8		AOCEPW6518.MTN	
		0.8		Non-Octa	5	ANOEPW6515.MTN	
					6	ANOEPW6516.MTN	
					8	ANOEPW6518.MTN	
MUA Level	Ø5.5	0.8	N Type		AMUAPR5515N.MTN		
					6	AMUAPR5516N.MTN	
					8	AMUAPR5518N.MTN	

➔ ZrGEN Abutment Option

- Abutment Screw included.
✓ AnyOne Internal (AS20)
- Titanium base for CEREC users.
- In in Lab CAD Software, compatible with Xive Library.
- 1 set consists of 10 Abutments.
- included spare Abutment Screw.
- Recommend torque : 35Ncm



C-type

System	Profile Diameter	Cuff Height (mm)	Post Height	Connection	Ref.C
AnyOne Internal	Ø3.9	0.5	4.7	S	AOCS3405.MTN
		1			AOCS3410.MTN
		2			AOCS3420.MTN
	Ø4.3	0.5			AOCS3805.MTN
		1			AOCS3810.MTN
		2			AOCS3820.MTN
	Ø5.5	0.5		L	AOCL4505.MTN
		1		AOCL4510.MTN	
		2		AOCL4520.MTN	

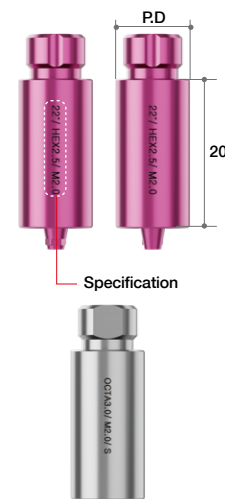
➔ TiGEN Abutment Option (Continued)

TiGEN Abutment

- Abutment Screw included.
 - ✓ AnyOne Internal (AS20)
 - ✓ Octa Level (IRCS200)
- Pre-milled Abutment
- 1 set consists of 10 Abutments.
 - included spare Abutment Screw
- Supporting DentalCAD
 - 3 Shape
 - exocad
 - Dental Wings
- Supporting Milling Machine
 - MegaGen Implant : BX5
 - ARUM DENTISTRY
- Recommend torque : 35Ncm
- FDA : Approved in 2023

Standard/ MegaGen type

System	Color	Profile Diameter	Height (mm)	Type	Ref.C
AnyOne Internal	Pink	Ø10	20	Hex	AOTR1020.MTN
				Non-Hex	AOTR1020N.MTN
		Ø12		Hex	AOTR1220.MTN
Non-Hex	AOTR1220N.MTN				
Octa Level	Small	Ø10		Octa	OCTS1020.MTN
				Non-Octa	NOTS1020.MTN
		Ø12	Octa	OCTS1220.MTN	
			Non-Octa	NOTS1220.MTN	
		Regular	Ø10	Octa	OCTR1020.MTN
				Non-Octa	NOTR1020.MTN
	Ø12		Octa	OCTR1220.MTN	
			Non-Octa	NOTR1220.MTN	
	Wide		Ø10	Octa	OCTW1020.MTN
				Non-Octa	NOTW1020.MTN
		Ø12	Octa	OCTW1220.MTN	
			Non-Octa	NOTW1220.MTN	



Standard/ NT type

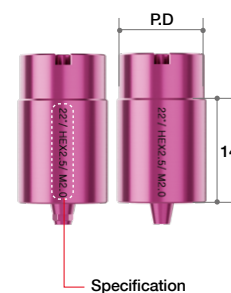
System	Color	Profile Diameter	Height (mm)	Type	Ref.C
AnyOne Internal	Pink	Ø10	16	Hex	AOTRN1016.MTN
				Non-Hex	AOTRN1016N.MTN
		Ø12		Hex	AOTRN1216.MTN
Non-Hex	AOTRN1216N.MTN				
Octa Level	Small	Ø10		Octa	OCTSN1016.MTN
				Non-Octa	NOTSN1016.MTN
		Ø12	Octa	OCTSN1216.MTN	
			Non-Octa	NOTSN1216.MTN	
		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	



- Abutment Screw included.
 - ✓ AnyOne Internal (AS20)
 - ✓ Octa Level (IRCS200)
- Pre-milled Abutment
- 1 set consists of 10 Abutments.
 - included spare Abutment Screw
- Supporting DentalCAD
 - 3 Shape
 - exocad
- Recommend torque : 35Ncm
- FDA : Approved in 2023

Standard/ Medentika type

System	Color	Profile Diameter	Height (mm)	Type	Ref.C	
AnyOne Internal	Pink	Ø12	14	Hex	AOTRM1214.MTN	
				Non-Hex	AOTRM1214N.MTN	
				Octa	OCTSM1214.MTN	
Non-Octa	NOTSM1214.MTN					
Octa Level	Small			Silver	Octa	OCTRM1214.MTN
					Non-Octa	NOTRM1214.MTN
	Regular	Octa	OCTWM1214.MTN			
		Wide	Octa	OCTWM1214.MTN		
			Non-Octa	NOTWM1214.MTN		



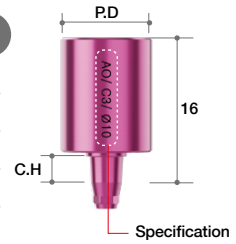
- Abutment Screw included.
 - ✓ AnyOne Internal (AS20)
 - ✓ Octa Level (IRCS200)
- Pre-milled Abutment
- 1 set consists of 10 Abutments.
 - included spare Abutment Screw
- Supporting DentalCAD
 - 3 Shape
 - exocad
- Recommend torque : 35Ncm
- FDA : Approved in 2023

➔ TiGEN Abutment Option

- Abutment Screw included.
- ✓ AnyOne Internal (AS20)
- 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
 - 3 Shape
 - exocad
- Supporting Milling Machine
 - MegaGen Implant : BX5
 - ARUM DENTISTRY
- Recommend torque : 35Ncm
- FDA : Approved in 2023
- CE : Approved in 2024

CUFF type

System	Color	Profile Diameter	Cuff Height (mm)	Height (mm)	Type	Ref.C
AnyOne Internal	Pink	Ø8	0.6	16	Hex	AOTRR0608.MTN
			1.5			AOTRR1508.MTN
			3.0			AOTRR3008.MTN
		Ø10	0.6	AOTRR0610.MTN		
			1.5	AOTRR1510.MTN		
			3.0	AOTRR3010.MTN		
		Ø12	0.6	AOTRR0612.MTN		
			1.5	AOTRR1512.MTN		
			3.0	AOTRR3012.MTN		

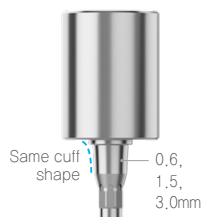
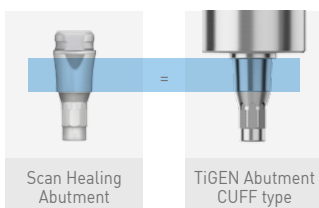


[TiGEN Abutment CUFF type Line-Up]

	D8	D10	D12
C0.6			
C1.5			
C3.0			

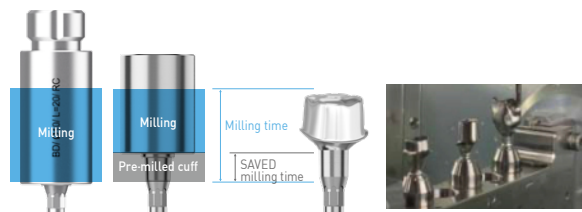
➤ CUFF types of TiGEN Abutment have same form of cuff shape as the Scan Healing Abutment thus custom abutment with perfectly fit to emergence profile can be fabricated

· Various cuff sizes for every gingiva height



➤ Pre-milled cuff reduces milling time + precision is increased with reverse jig milling

- 60% reduction in milling time when compared with conventional products!
- NO post milling, allowing reverse jig milling to occlusal surface within 8 minutes!



➡ Reverse Jig Connector Option

Reverse Jig Connector

- Milling screws exclusively for Reverse Jig Connector are included

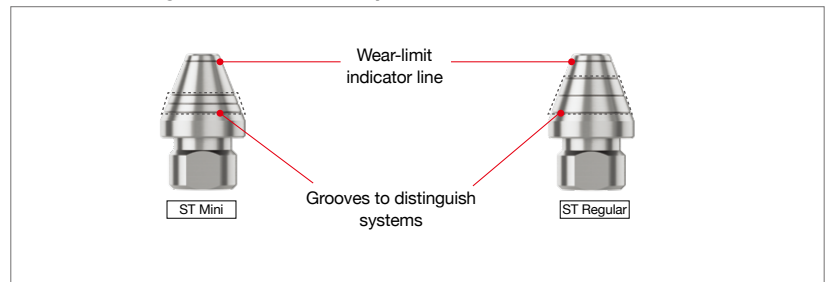
✓ AnyOne Internal (AORJMS)

- Do not use Non-Engage(Hex/ Octa)
- System can be checked by the number of Groove
 - AnyOne Internal → Groove : 0ea
- Available milling machines
 - MegaGen Implant : BX5
 - ARUM DENTISTRY
- 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)

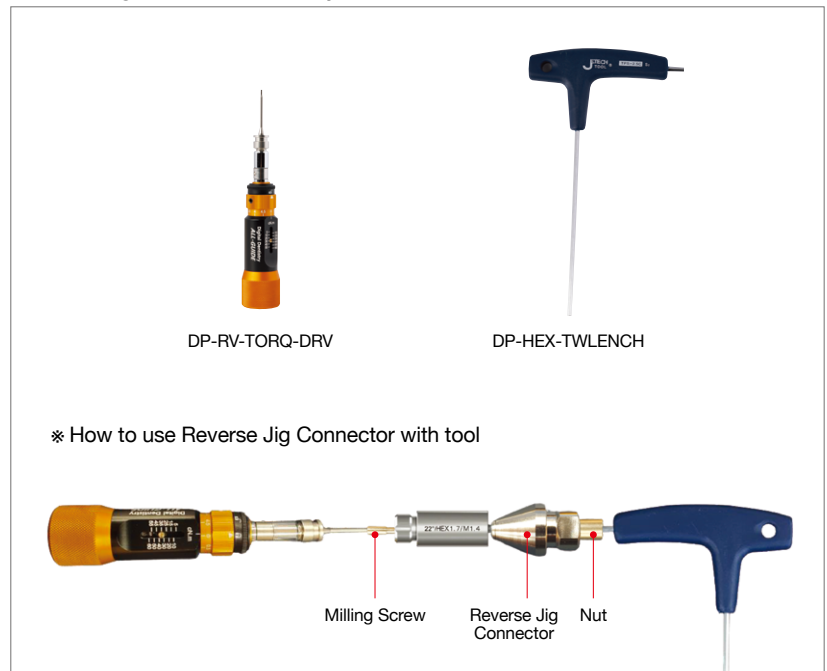
System	Type	Ref.C
AnyOne Internal	Hex	AOTGRJ00P



*An example of grooves for different systems



*Reverse Jig Connector assembly Option



Clinical Cases

➔ Clinical Case 1

- Courtesy of Dr. Jung Sam Lee

Single molar implant with bone augmentation.

Fig 1. The second molar was missing and the alveolar bone was moderately resorbed.

Fig 2. Osteotomy socket was made with drilling.

Fig 3. An implant was placed with excellent initial stability. Even there was no bone defect around the implant, bone graft was planned to make strong periimplant tissue.

Fig 4. Autogenous bone was harvested from the ramus with Auto-Max.

Fig 5. Bone grafting with collagen membrane coverage was made.

Fig 6. Tight soft tissue adaptation with the healing abutment.

Fig 7. Soft tissue profile after 3 months.

Fig 8. Before and after treatment. (6 months from the surgery)

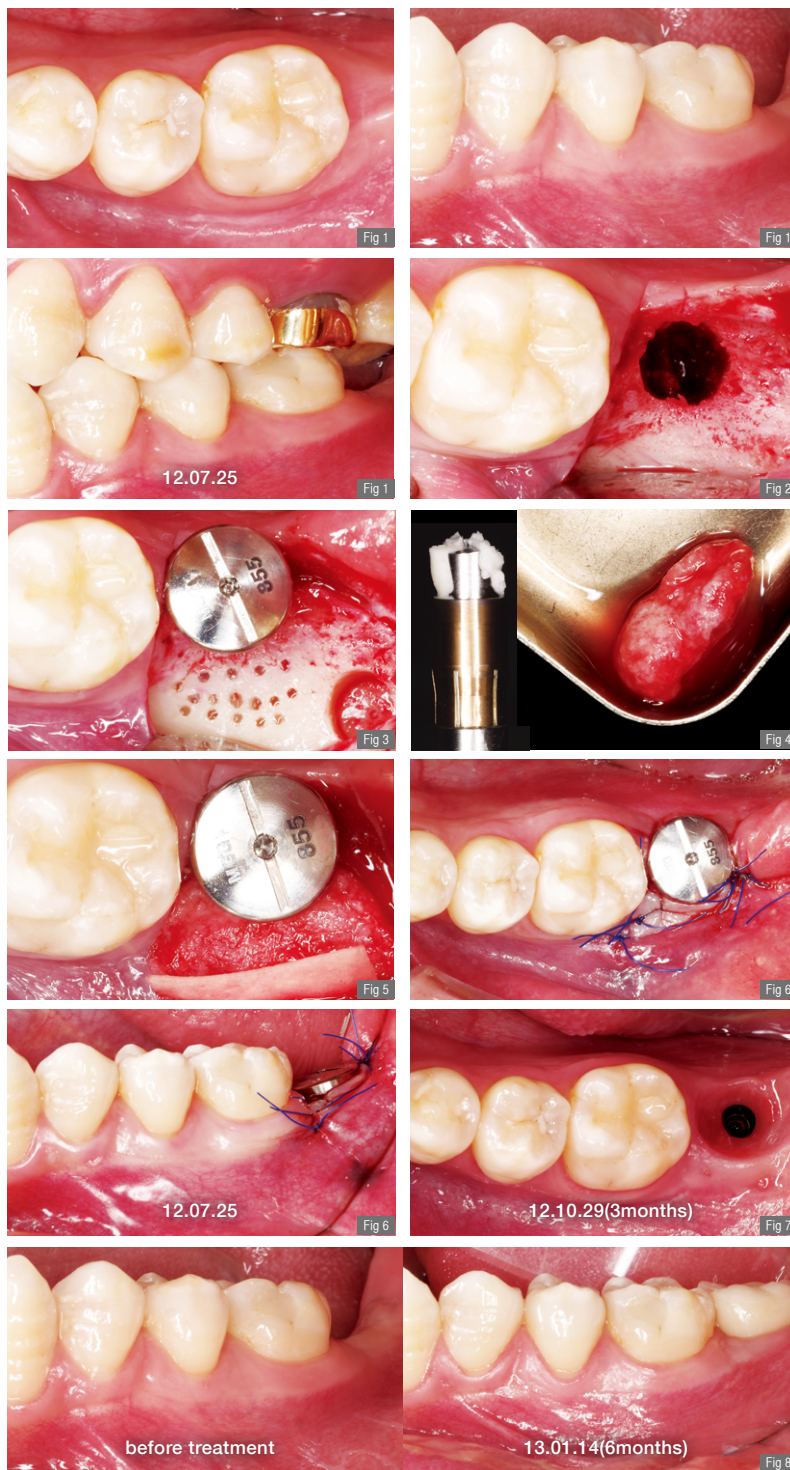


Fig 9. 2 years after surgery. Excellent esthetics and functions were maintained.



Fig 10. Intraoral radiographs on the follow-ups. Crestal bone maturation appeared interesting with time.

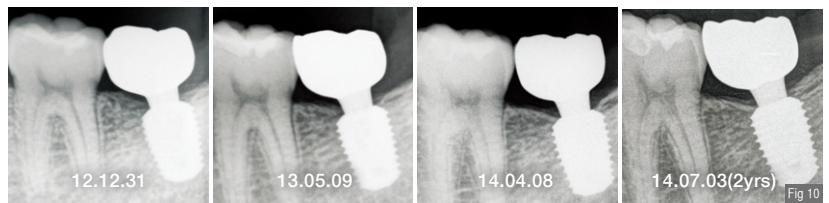


Fig 11. 5 years after surgery

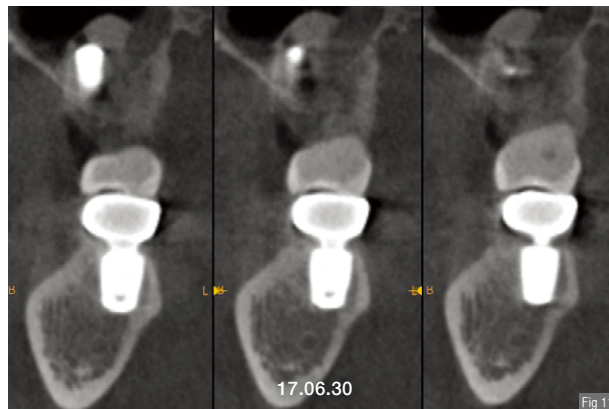


Fig 12. 5.5 years after surgery



➔ Clinical Case 2

- Courtesy of Dr. Jung Sam Lee

Two molar implants with i-Gen membrane.

Fig 1. The patient wanted to reconstruct two mandibular molars with implants.

Fig 2. There were moderate vertical and horizontal bone resorptions on the recipient sites.

Fig 3. After drilling for the osteotomy sockets, particulated autogenous bone was harvested with Auto-Max. PRP was prepared with patient's blood and mixed with autogenous and bovine bone.

Fig 4. Two implants were placed with excellent initial stability. There was no defect around implants, but bone regeneration was planned to make stable peri-implant tissues with i-Gen membrane and collagen membrane.

Fig 5. Primary closure was made following periosteal releasing incision.

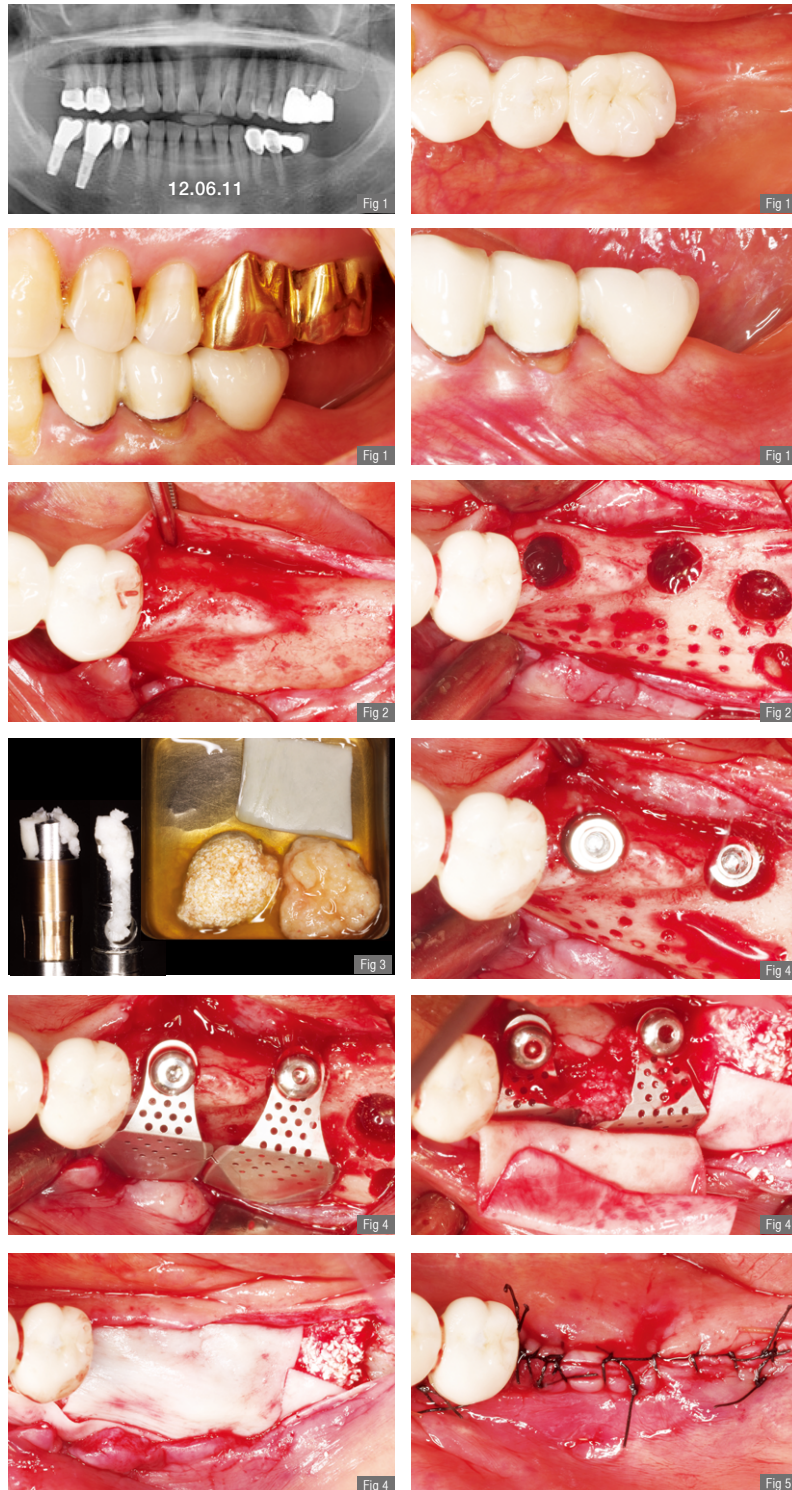


Fig 6. i-Gen membranes were removed after 2 months with simple incision. The regeneration appeared excellently with enough horizontal bone volume.

Fig 7. FGG was made to increase peri-implant keratinized gingiva.

Fig 8. Zirconia customized abutments with Ti-insert and full Zirconia crowns were made.

Fig 9. Clinical views after 1.5 years from the delivery of final restorations.

Fig 10. Intraoral radiograph after 11 months.

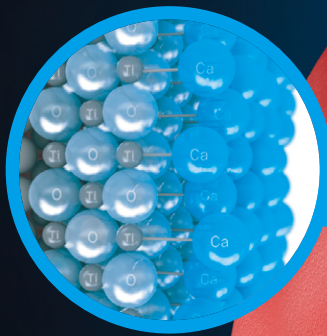
Fig 11. 5 years 1 month after surgery



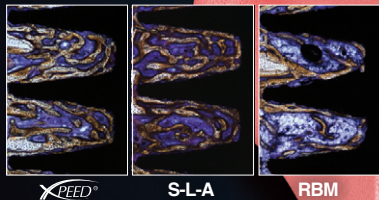
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Integration time ?

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XPEED® surface treatment
inducing rapid osseointegration

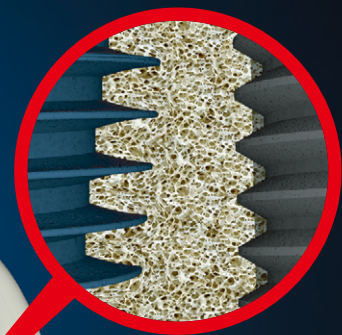


- Induction of faster and stronger Osseointegration by Ca^{2+} ion deposition on S-L-A surface
- Complete removal of acid residue by neutralization reaction during XPEED procedure.

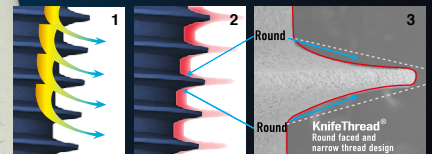


XPEED Surface Treatment presents much faster & stronger Osseointegration than RBM or S-L-A

High initial fixation!
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- Securement of initial stability with higher BIC
- Decentralize the stress on Cancellous bone
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3. Increase the surface area of the round side compared with the straight side.



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