ANYONE® Internal

by MEGAGEN

Tissue friendly,
Operator friendly and
Patient friendly

MEGAGEN
For Lifetime Smiles


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Key Advantages

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

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

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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 truely 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

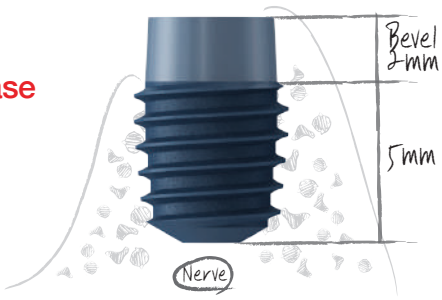
For Soft Bone

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

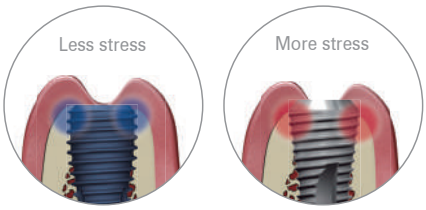
Simplified surgical protocol with predictable initial stability

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

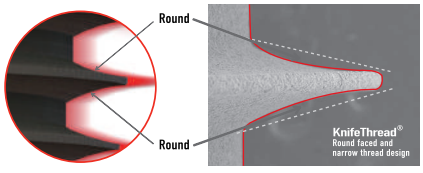
Reduces stress on crestal bone



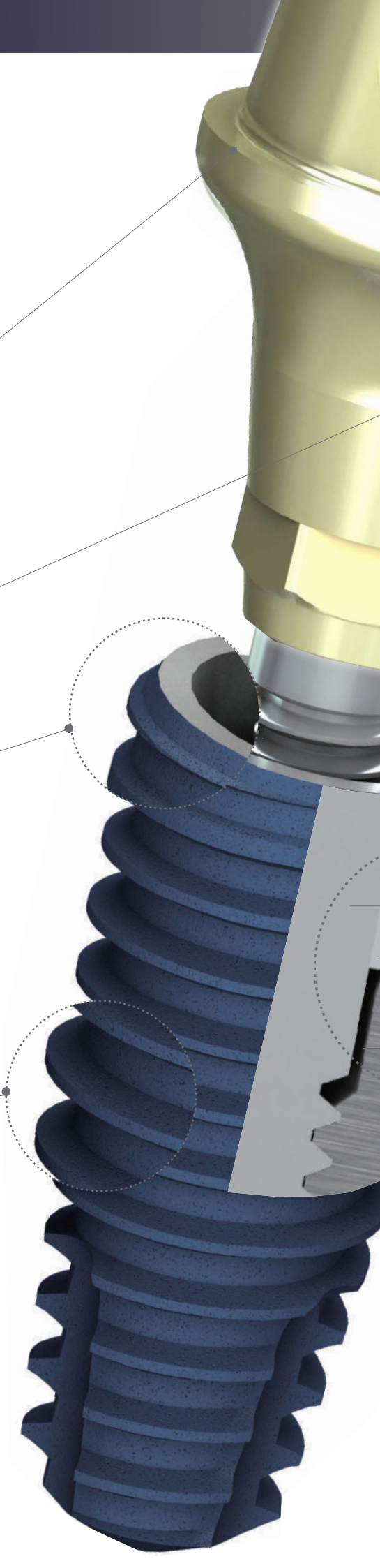
- Placing fixture in alveolar bone is easier to control due to straight upper portion of fixture
- Crestal bone loss is minimized by reducing stress on cortical bone

KnifeThread®

Distributes stress on cancellous 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

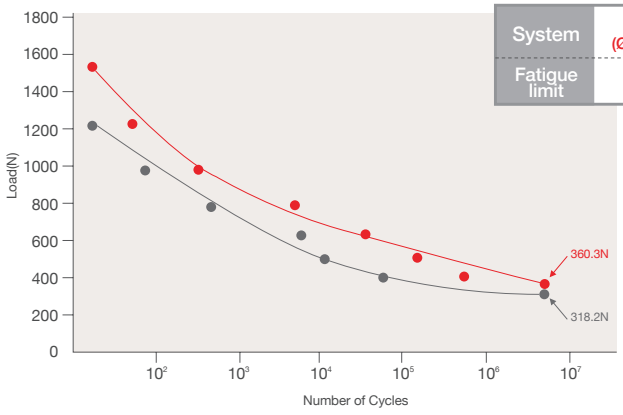
Excellent soft tissue response

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



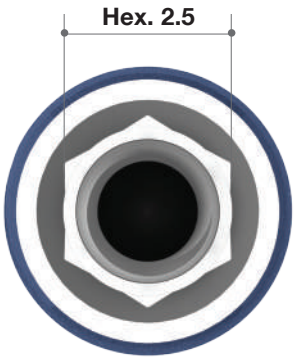
System	AnyOne® (Ø3.5 X L7.0mm)	Company D (Ø3.6 X L7.0mm)
Fatigue limit	360.3N	318.2N

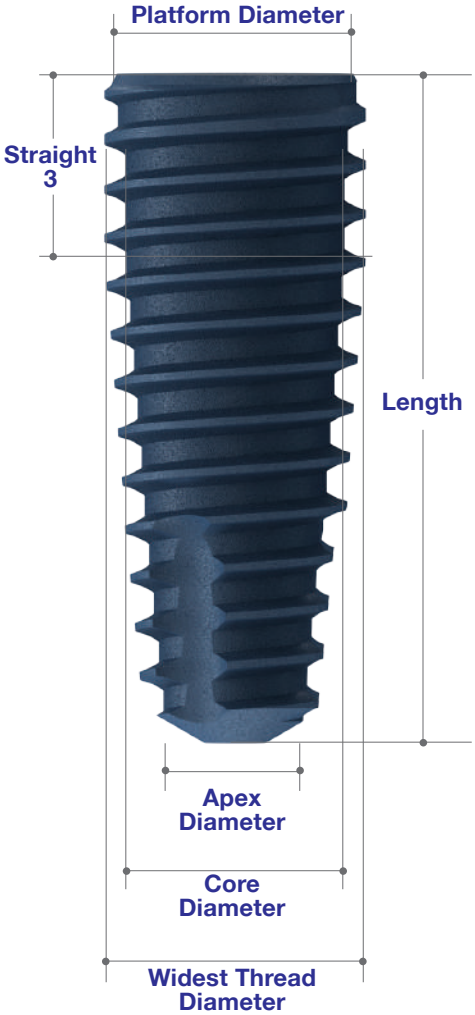
AnyOne® Company D

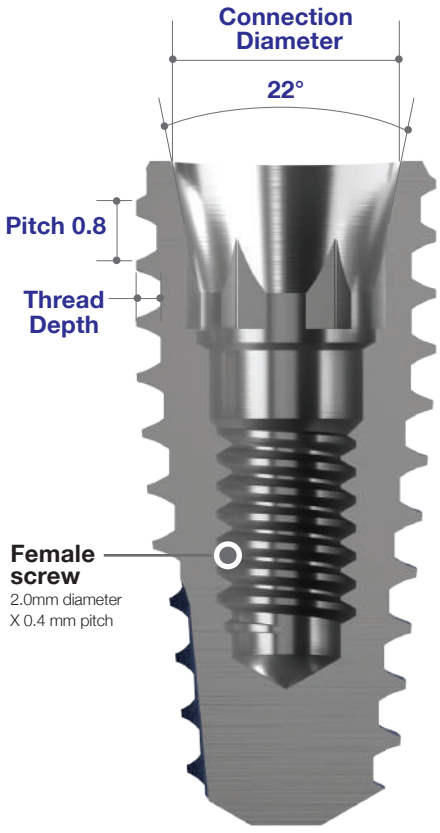
Performed fatigue test to compare fatigue limit of AnyOne Fixture with other company fixture using fatigue test machine -R&D center in MegaGen Implant Co.,Ltd. (2012)-

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

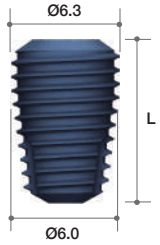
- Cover Screw(cs) included

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

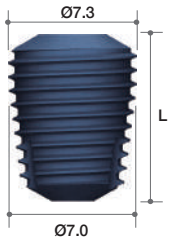
Diameter	Length(mm)	Ref.C
Ø6.0	7.0	IF6007C
	8.5	IF6008C
	10.0	IF6010C
	11.5	IF6011C
	13.0	IF6013C



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

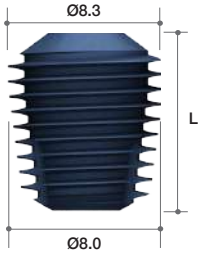
- Cover Screw(cs) included

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

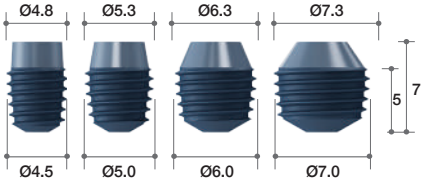
Diameter	Length(mm)	Ref.C
Ø8.0	7.0	IF8007DC
	8.5	IF8008DC
	10.0	IF8010DC
	11.5	IF8011DC
	13.0	IF8013DC



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	HA7540
	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-AHAO04HP
	Non-Hex	C-AHAO04NP
5	Hex	C-AHAO05HP
	Non-Hex	C-AHAO05NP
7	Hex	C-AHAO07HP
	Non-Hex	C-AHAO07NP

Healing Abutment

(Anatomic type)

- Use with a Hand Driver(1.2 Hex).
- Abutment Screw inclued.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
	4.5	4.5	I2	4		AOHI45454T
				5		AOHI45455T
				7		AOHI45457T
	6.0	5.0	I3	4		AOHI60504T
				5		AOHI60505T
				7		AOHI60507T
	7.0	6.0	I4	4		AOHI70604T
				5		AOHI70605T
				7		AOHI70607T
	4.0	5.0	I1	4	Non-Hex	AOHI40504NT
				5		AOHI40505NT
				7		AOHI40507NT
	4.5	4.5	I2	4		AOHI45454NT
				5		AOHI45455NT
				7		AOHI45457NT
	6.0	5.0	I3	4		AOHI60504NT
				5		AOHI60505NT
				7		AOHI60507NT
	7.0	6.0	I4	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

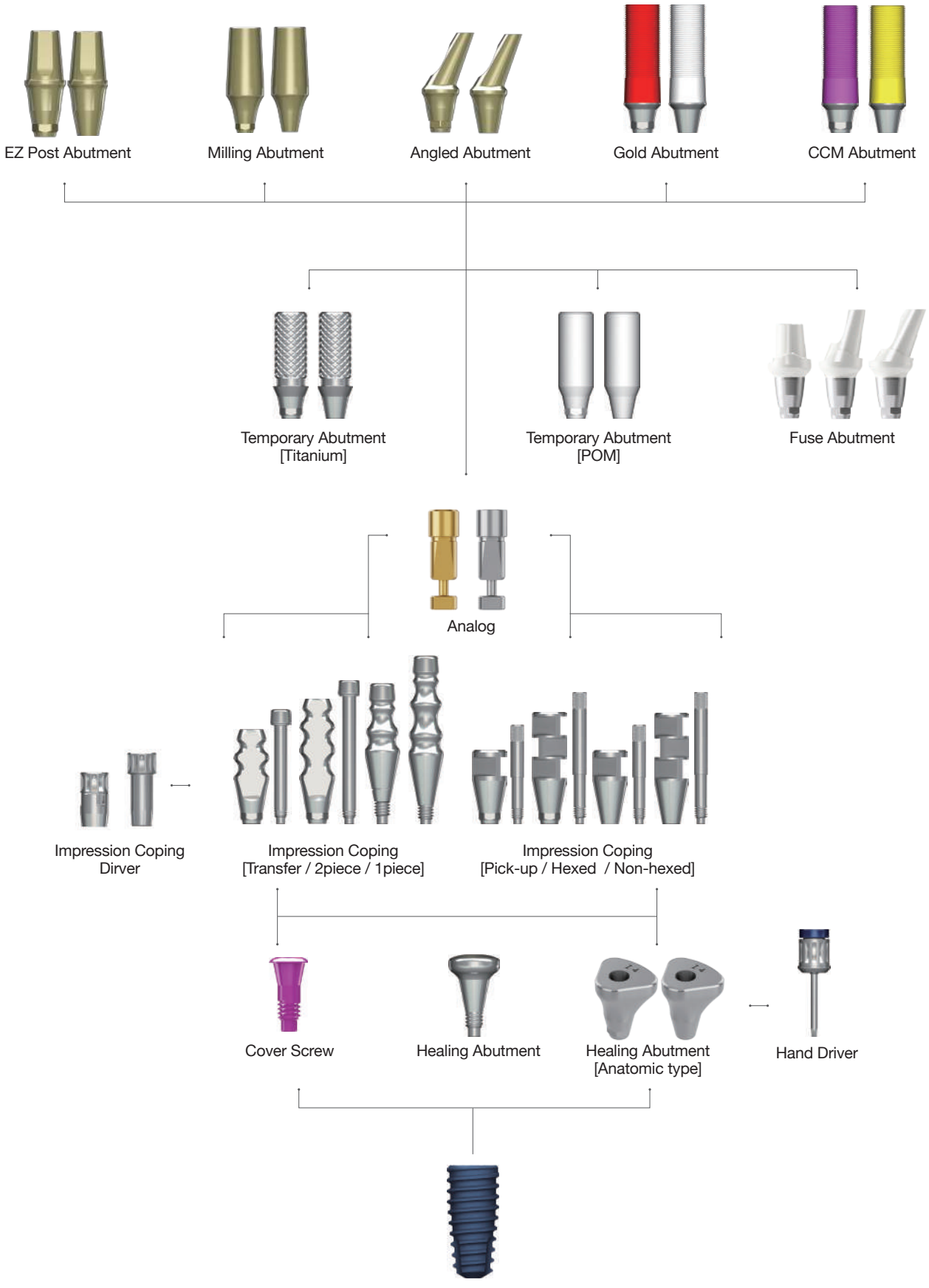
Type	MD (mm)	LB (mm)	Position No.	Height (mm)	Connection	Ref.C
Pre-Molar	4.5	6.0	P1	4	Hex	AOHM45604T
				5		AOHM45605T
				7		AOHM45607T
	5.0	7.0	P2	4		AOHM50704T
				5		AOHM50705T
				7		AOHM50707T
	4.5	6.0	P1	4	Non-Hex	AOHM45604NT
				5		AOHM45605NT
				7		AOHM45607NT
	5.0	7.0	P2	4		AOHM50704NT
		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

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
	6.0	8.0	M2	4		AOHM60804T
				5		AOHM60805T
				7		AOHM60807T
	6.0	9.0	M3	4		AOHM60904T
				5		AOHM60905T
				7		AOHM60907T
	7.0	8.0	M4	4		AOHM70804T
				5		AOHM70805T
				7		AOHM70807T
	7.0	9.0	M5	4		AOHM70904T
				5		AOHM70905T
				7		AOHM70907T
	7.0	10.0	M6	4		AOHM70104T
				5		AOHM70105T
				7		AOHM70107T
	8.0	9.0	M7	4		AOHM80904T
				5		AOHM80905T
				7		AOHM80907T
	8.0	10.0	M8	4		AOHM80104T
				5		AOHM80105T
				7		AOHM80107T
	6.0	7.0	M1	4	Non-Hex	AOHM60704NT
				5		AOHM60705NT
				7		AOHM60707NT
	6.0	8.0	M2	4		AOHM60804NT
				5		AOHM60805NT
				7		AOHM60807NT
	6.0	9.0	M3	4		AOHM60904NT
				5		AOHM60905NT
				7		AOHM60907NT
	7.0	8.0	M4	4		AOHM70804NT
				5		AOHM70805NT
				7		AOHM70807NT
	7.0	9.0	M5	4		AOHM70904NT
				5		AOHM70905NT
				7		AOHM70907NT
	7.0	10.0	M6	4		AOHM70104NT
				5		AOHM70105NT
				7		AOHM70107NT
	8.0	9.0	M7	4		AOHM80904NT
				5		AOHM80905NT
				7		AOHM80907NT
	8.0	10.0	M8	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
	5.0	6.5	S2	4		AOHS50654T
				5		AOHS50655T
				7		AOHS50657T
	5.0	7.0	S3	4		AOHS50704T
				5		AOHS50705T
				7		AOHS50707T
	6.0	7.0	S4	4		AOHS60704T
				5		AOHS60705T
				7		AOHS60707T
	6.0	8.0	S5	4		AOHS60804T
				5		AOHS60805T
				7		AOHS60807T
	6.0	9.0	S6	4		AOHS60904T
				5		AOHS60905T
				7		AOHS60907T
	7.0	8.0	S7	4		AOHS70804T
				5		AOHS70805T
				7		AOHS70807T
	7.0	9.0	S8	4		AOHS70904T
				5		AOHS70905T
				7		AOHS70907T
	7.0	10.0	S9	4		AOHS70104T
				5		AOHS70105T
				7		AOHS70107T
	8.0	9.0	S10	4		AOHS80904T
				5		AOHS80905T
				7		AOHS80907T
	8.0	10.0	S11	4		AOHS80104T
				5		AOHS80105T
				7		AOHS80107T
	4.5	6.0	S1	4	Non-Hex	AOHS45604NT
				5		AOHS45605NT
				7		AOHS45607NT
	5.0	6.5	S2	4		AOHS50654NT
				5		AOHS50655NT
				7		AOHS50657NT
	5.0	7.0	S3	4		AOHS50704NT
				5		AOHS50705NT
				7		AOHS50707NT
	6.0	7.0	S4	4		AOHS60704NT
				5		AOHS60705NT
				7		AOHS60707NT
	6.0	8.0	S5	4		AOHS60804NT
				5		AOHS60805NT
				7		AOHS60807NT
	6.0	9.0	S6	4		AOHS60904NT
				5		AOHS60905NT
				7		AOHS60907NT
	7.0	8.0	S7	4		AOHS70804NT
				5		AOHS70805NT
				7		AOHS70807NT
	7.0	9.0	S8	4		AOHS70904NT
				5		AOHS70905NT
				7		AOHS70907NT
	7.0	10.0	S9	4		AOHS70104NT
				5		AOHS70105NT
				7		AOHS70107NT
	8.0	9.0	S10	4		AOHS80904NT
				5		AOHS80905NT
				7		AOHS80907NT
	8.0	10.0	S11	4		AOHS80104NT
				5		AOHS80105NT
				7		AOHS80107NT

Abutment & Prosthetic Options

I. Fixture Level Prosthesis



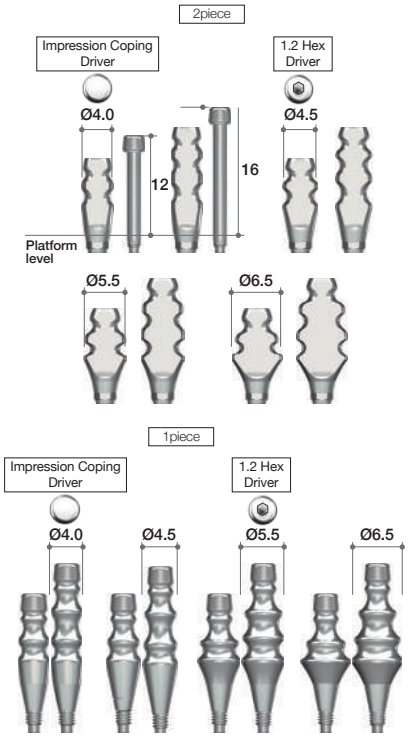
➲ Abutment Options (Continued)

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

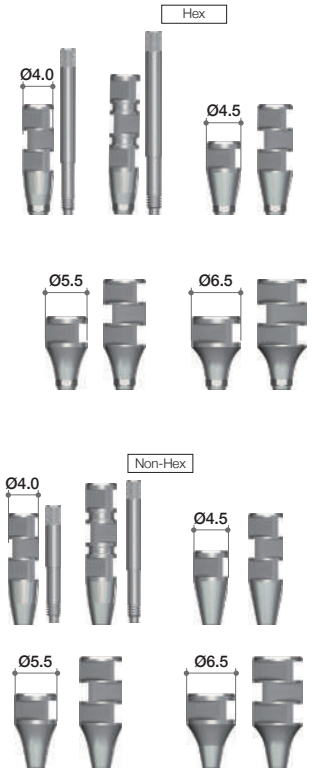


Impression Coping
(Pick-up type)

- 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



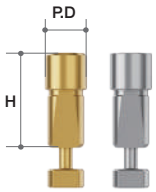
Abutment Options (Continued)

Analog

- Analog Screw(ALS18) included.

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

System		Profile Diameter	Height (mm)	Ref.C
AnyOne Internal	Only Ø3.5	Ø4.0	9	AOIALST
	-			AOIALRT
Octa Level	Small	Ø4.0	9	OCTAALST
	Regular	Ø4.8		OCTAALRT
	Wide	Ø5.8		OCTAALWT
MUA Level (N Type)		Ø4.8	9	MUAALT

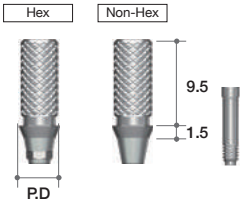


Temporary Abutment (Titanium)

- 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

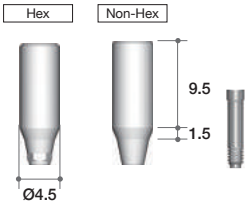


Temporary Abutment (POM)

- 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



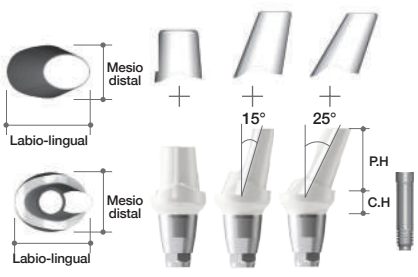
Fuse Abutment

- Abutment Screw(AS20)+Fuse cap included.

- Recommend torque : 25Ncm

Diameter Labiolingual	Diameter Mesiodistal	Cuff Height (mm)	Post Height (mm)	Type	Ref.C
Ø5.5	Ø5.5	4	5.5	Straight	AOFAP5545P
	Ø4.5		7	15°	AOFAA5415P
	Ø4.5		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		EP5514HT
	2.5			EP5524HT
	3.5			EP5534HT
	4.5			EP5544HT
	5.5			EP5554HT
	1.5	5.5		EP5515HT
	2.5			EP5525HT
	3.5			EP5535HT
	4.5			EP5545HT
	5.5			EP5555HT
	1.5	7.0		EP5517HT
	2.5			EP5527HT
	3.5			EP5537HT
	4.5			EP5547HT
	5.5			EP5557HT
Ø6.5	1.5	4.0		EP6514HT
	2.5			EP6524HT
	3.5			EP6534HT
	4.5			EP6544HT
	5.5			EP6554HT
	1.5	5.5		EP6515HT
	2.5			EP6525HT
	3.5			EP6535HT
	4.5			EP6545HT
	5.5			EP6555HT
	1.5	7.0		EP6517HT
	2.5			EP6527HT
	3.5			EP6537HT
	4.5			EP6547HT
	5.5			EP6557HT

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Type	Ref.C
Ø4.5	1.0	4.0	Non -Hex	EP4511NT
	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		EP5514NT
	2.5			EP5524NT
	3.5			EP5534NT
	4.5			EP5544NT
	5.5			EP5554NT
	1.5	5.5		EP5515NT
	2.5			EP5525NT
	3.5			EP5535NT
	4.5			EP5545NT
	5.5			EP5555NT
	1.5	7.0		EP5517NT
	2.5			EP5527NT
	3.5			EP5537NT
	4.5			EP5547NT
	5.5			EP5557NT
Ø6.5	1.5	4.0		EP6514NT
	2.5			EP6524NT
	3.5			EP6534NT
	4.5			EP6544NT
	5.5			EP6554NT
	1.5	5.5		EP6515NT
	2.5			EP6525NT
	3.5			EP6535NT
	4.5			EP6545NT
	5.5			EP6555NT
	1.5	7.0		EP6517NT
	2.5			EP6527NT
	3.5			EP6537NT
	4.5			EP6547NT
	5.5			EP6557NT

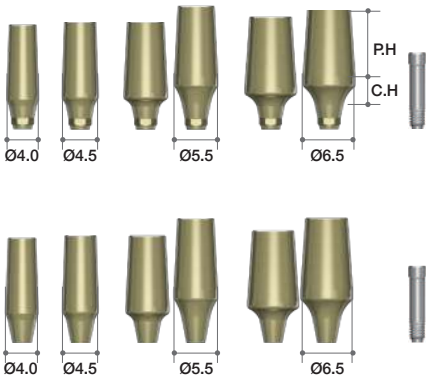
Abutment Options (Continued)

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

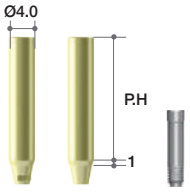


Milling Abutment Type II
(GALLI Abutment)

- 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

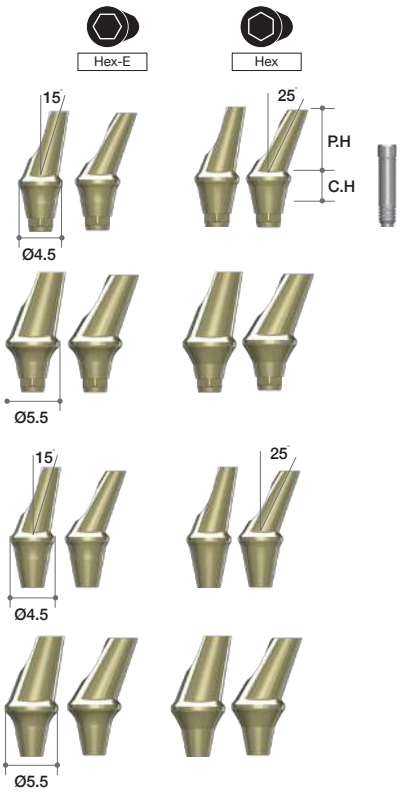


Angled Abutment

- 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
	4.5			15˚	AA4415HT
				25˚	AA4425HT
Ø5.5	2.5			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			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			15˚	AA5215ET
				25˚	AA5225ET
	4.5			15˚	AA5415ET
				25˚	AA5425ET

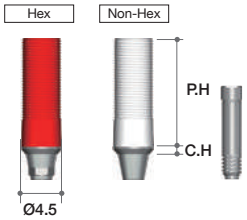


Gold Abutment

- 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

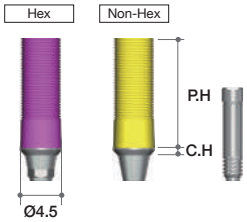


CCM Abutment

- Abutment Screw(AS20) included

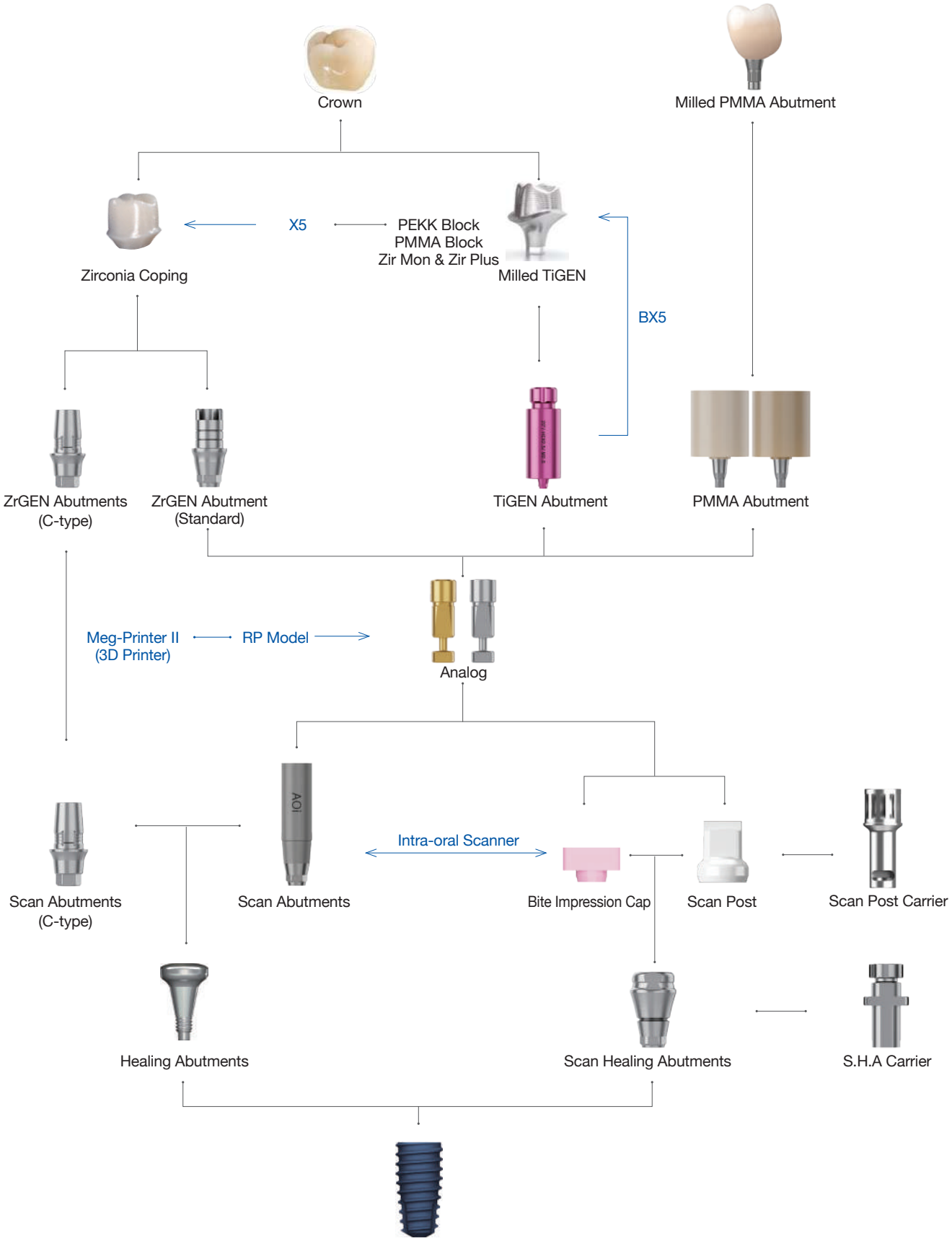
- Useful to make a customized abutment in difficult situations.
- Can be casted with non-precious alloys(Ni-Cr, Cr-Co alloys).
- Non-precious melting temperature : Depend on Manufacturer
- Threaded sleeves for convenient Resin / Wax-up.
- Melting temperature of CCM : 1300~1400°C
- Recommend torque :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

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



I. Fixture Level Prosthesis

1. Fixture Level Prosthesis_Digital



▸▸ Digital Material

I. ZrGEN®

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

Variety of ZrGEN®

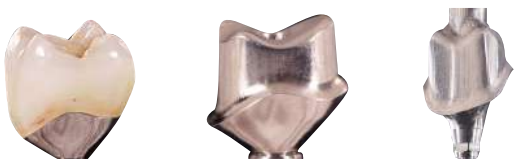
ZrGEN® Sub Structure

ZrGEN®

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

II. TiGEN®

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



Clinical Application

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

➲ Scan Abutment Option

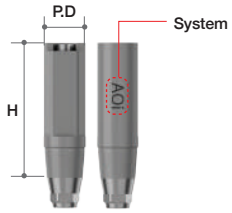
Scan Abutment

- Abutment Screw included.
  ✓ AnyOne Internal (SAAS20)
  ✓ Octa Level (SAIRCS200)
  ✓ MUA Level (SAMUAS)

- For Chairside/ Labside
- Included spare Abutment Screw
- Surpporting 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

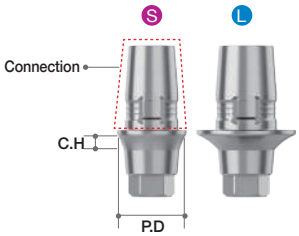


- Abutment Screw included.
  ✓ AnyOne Internal (SAAS20)

- 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

Profile Diameter	Cuff Height (mm)	Connection	Ref.C
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

Profile Diameter	Height (mm)	Ref.C
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

S.H.A Carrier

(Coming Soon)

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

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

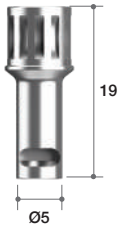
Scan Post

- 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

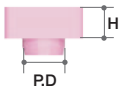


Bite Impression Cap

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

※ Availability may vary by country

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



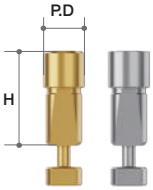
Analog Option

Analog

- Analog Screw(ALS18) included.

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

System		Profile Diameter	Height (mm)	Ref.C
AnyOne Internal	Only Ø3.5	Ø4.0	9	AOIALST
	-			AOIALRT
Octa Level	Small	Ø4.0	9	OCTAALST
	Regular	Ø4.8		OCTAALRT
	Wide	Ø5.8		OCTAALWT
MUA Level (N Type)		Ø4.8	9	MUAALT



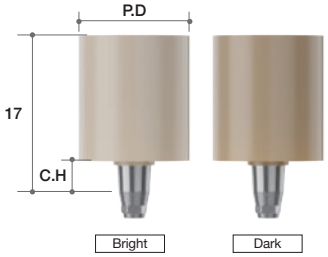
➲ PMMA Abutment Option

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



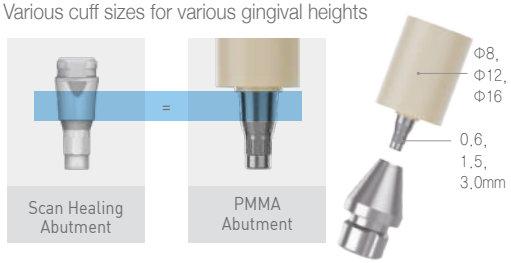
System	Color	Profile Diameter	Cuff Height (mm)	Length (mm)	Type	Ref.C
AnyOne Internal	Bright	Ø8	0.6	17	Hex	AOPA0608B.MTN
			1.5			AOPA1508B.MTN
			3.0			AOPA3008B.MTN
		Ø12	0.6			AOPA0612B.MTN
			1.5			AOPA1512B.MTN
			3.0			AOPA3012B.MTN
		Ø16	0.6			AOPA0616B.MTN
			1.5			AOPA1516B.MTN
			3.0			AOPA3016B.MTN
	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]

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

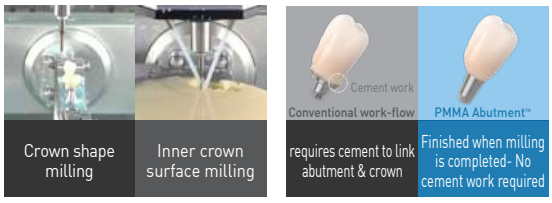
➢ **PMMA Abutment have same form of cuff shape as the Scan Healing Abutment thus custom abutment with perfectly fit to emergence profile can be fabricated**

· 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!



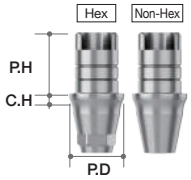
ZrGEN Abutment Option (Continued)

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

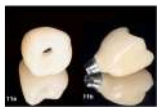
System	Profile Diameter	Cuff Height (mm)	Post Height (mm)	Type	Ref.C
AnyOne Internal	Ø4.0	0.6	4.5	Hex	AAOIPR4015.MTN
			6		AAOIPR4016.MTN
			8		AAOIPR4018.MTN
		1.5	4.5		AAOIPR4025.MTN
			6		AAOIPR4026.MTN
			8		AAOIPR4028.MTN
		3.0	4.5		AAOIPR4035.MTN
			6		AAOIPR4036.MTN
			8		AAOIPR4038.MTN
		4.0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

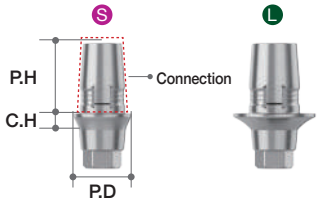
System		Profile Diameter	Cuff Height (mm)	Post Height (mm)	Type	Ref.C
Octa Level	Small	Ø5.0	0.8	5	Octa	AOCEPS5015.MTN
				6		AOCEPS5016.MTN
				8		AOCEPS5018.MTN
			0.8	5	Non-Octa	ANOEPS5015.MTN
				6		ANOEPS5016.MTN
				8		ANOEPS5018.MTN
	Regular	Ø5.5	0.8	5	Octa	AOCEPR5515.MTN
				6		AOCEPR5516.MTN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

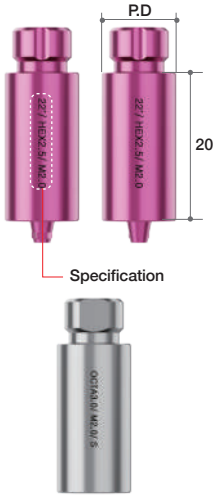
TiGEN Abutment Option (Continued)

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

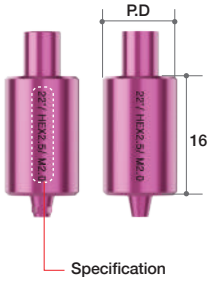
System		Color	Profile Diameter	Height (mm)	Type	Ref.C
AnyOne Internal		Pink	Ø10	20	Hex	AOTR1020.MTN
					Non-Hex	AOTR1020N.MTN
			Ø12		Hex	AOTR1220.MTN
					Non-Hex	AOTR1220N.MTN
Octa Level	Small	Silver	Ø10		Octa	OCTS1020.MTN
					Non-Octa	NOTS1020.MTN
			Ø12		Octa	OCTS1220.MTN
					Non-Octa	NOTS1220.MTN
	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



- 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/ 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	Silver	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 Level	Small	Silver			Octa	OCTSM1214.MTN
					Non-Octa	NOTSM1214.MTN
	Regular				Octa	OCTRM1214.MTN
					Non-Octa	NOTRM1214.MTN
	Wide				Octa	OCTWM1214.MTN
					Non-Octa	NOTWM1214.MTN

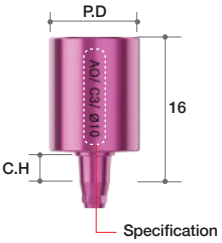
TiGEN Abutment Option

- 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

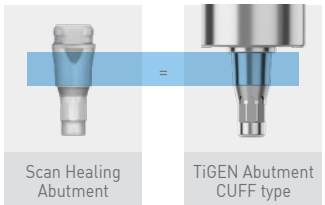


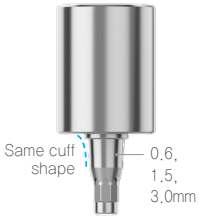
[TiGEN Abutment CUFF type Line-Up]

	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

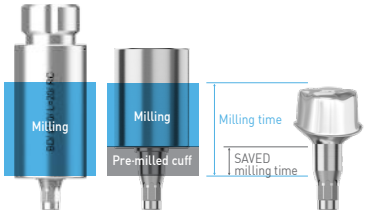




▹ Pre-milled cuff reduces milling time + precision is increased with reverse jig milling

· 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

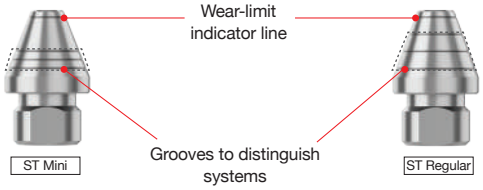
Reverse Jig Connector

- 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(Coming Soon)
- Recommended Torque
  - 35Ncm
  - Dedicated Driver (DP-RV-TORQ-DRV) (option)
- When Connected counterpart to Reverse Jig use Allen Wrench
  - Allen Key Size : 2.5mm
  - Dedicated Wrench (DP-HEX-TWLENCH) (option)

System	Type	Ref.C
AnyOne Internal	Hex	AOTGRJ00P

*An example of grooves for different systems

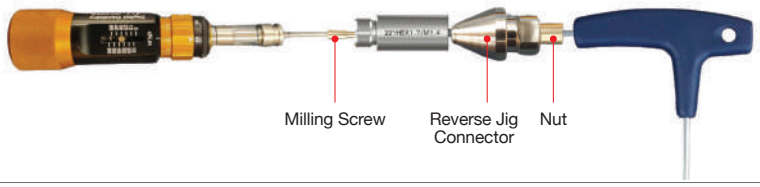


*Reverse Jig Connector assembly Option

DP-RV-TORQ-DRV

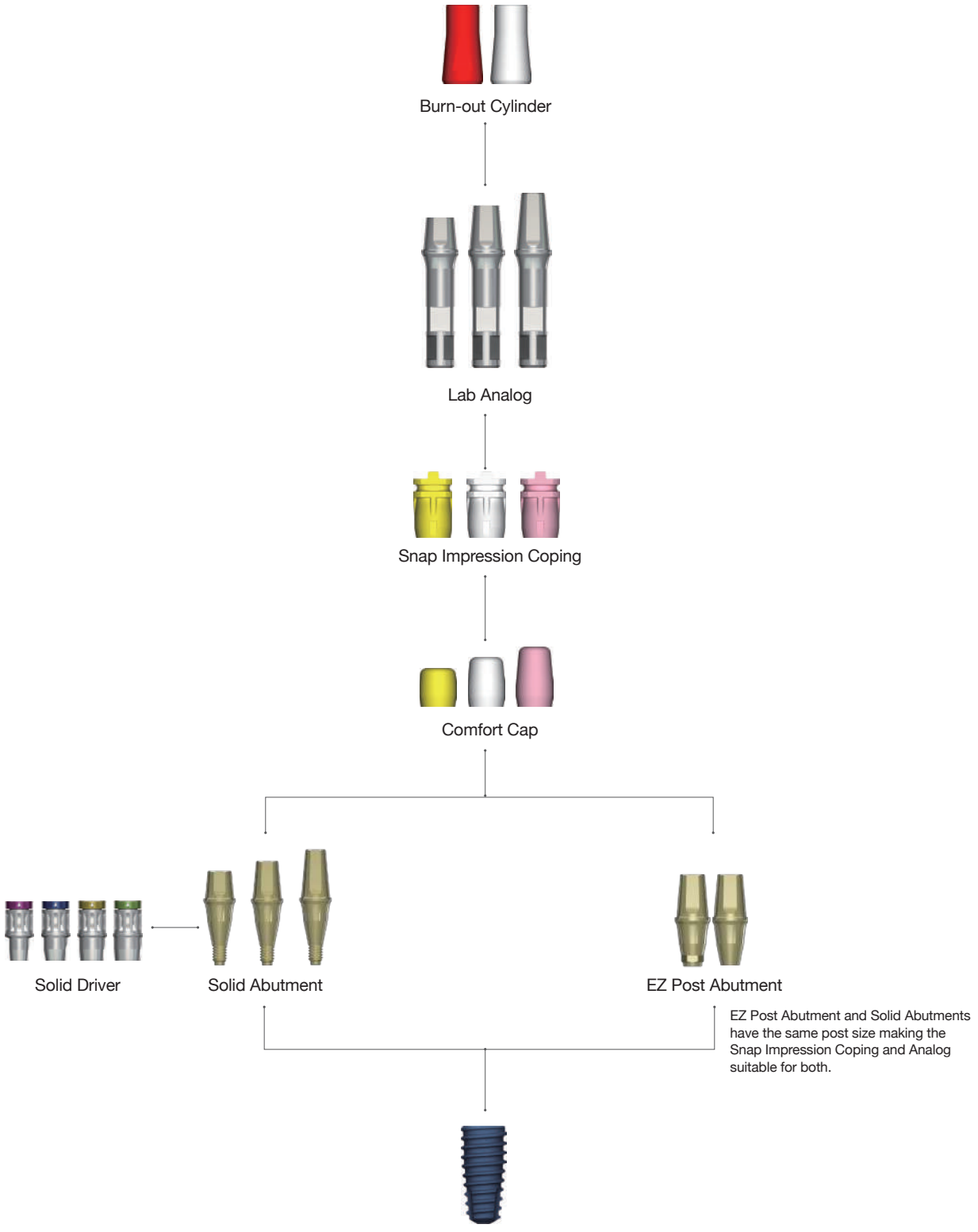
DP-HEX-TWLENCH

※ How to use Reverse Jig Connector with tool



II. Abutment Level Prosthesis

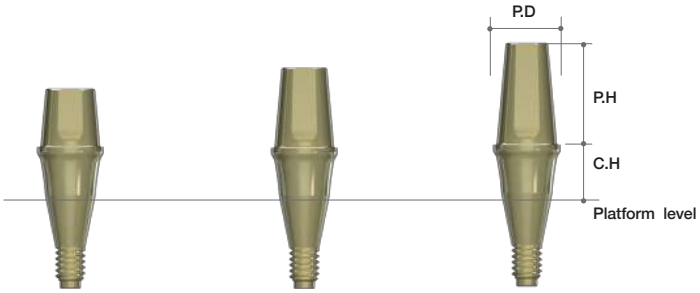
1. Solid Abutment & Components



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



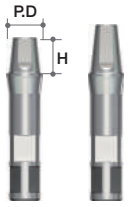
Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref.C
Ø4.0	1.0	4.0	SL40104
	1.5		SL40154
	2.5		SL40254
	3.5		SL40354
	4.5		SL40454
	5.5		SL40554
	1.0	5.5	SL40105
	1.5		SL40155
	2.5		SL40255
	3.5		SL40355
	4.5		SL40455
	5.5		SL40555
	1.0	7.0	SL40107
	1.5		SL40157
	2.5		SL40257
	3.5		SL40357
	4.5		SL40457
	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

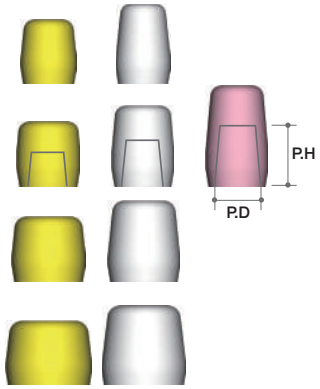


➲ Components for Solid Abutment

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 : P.H 4.0mm, White : P.H 5.5mm, Pink : P.H 7.0mm]

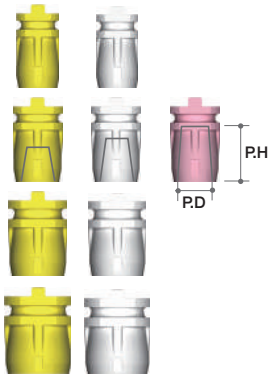
Profile Diameter	Post Height(mm)	Ref.C
Ø4.0	4.0	CC4040
	5.5	CC4055
	7.0	CC4070
Ø4.5	4.0	CC4540
	5.5	CC4555
	7.0	CC4570
Ø5.5	4.0	CC5540
	5.5	CC5555
	7.0	CC5570
Ø6.5	4.0	CC6540
	5.5	CC6555
	7.0	CC6570



Snap Impression Coping

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

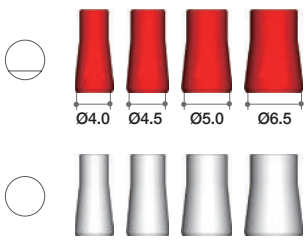
Profile Diameter	Post Height(mm)	Ref.C
Ø4.0	4.0	SIC4040
	5.5	SIC4055
	7.0	SIC4070
Ø4.5	4.0	SIC4540
	5.5	SIC4555
	7.0	SIC4570
Ø5.5	4.0	SIC5540
	5.5	SIC5555
	7.0	SIC5570
Ø6.5	4.0	SIC6540
	5.5	SIC6555
	7.0	SIC6570



Burn-out Cylinder

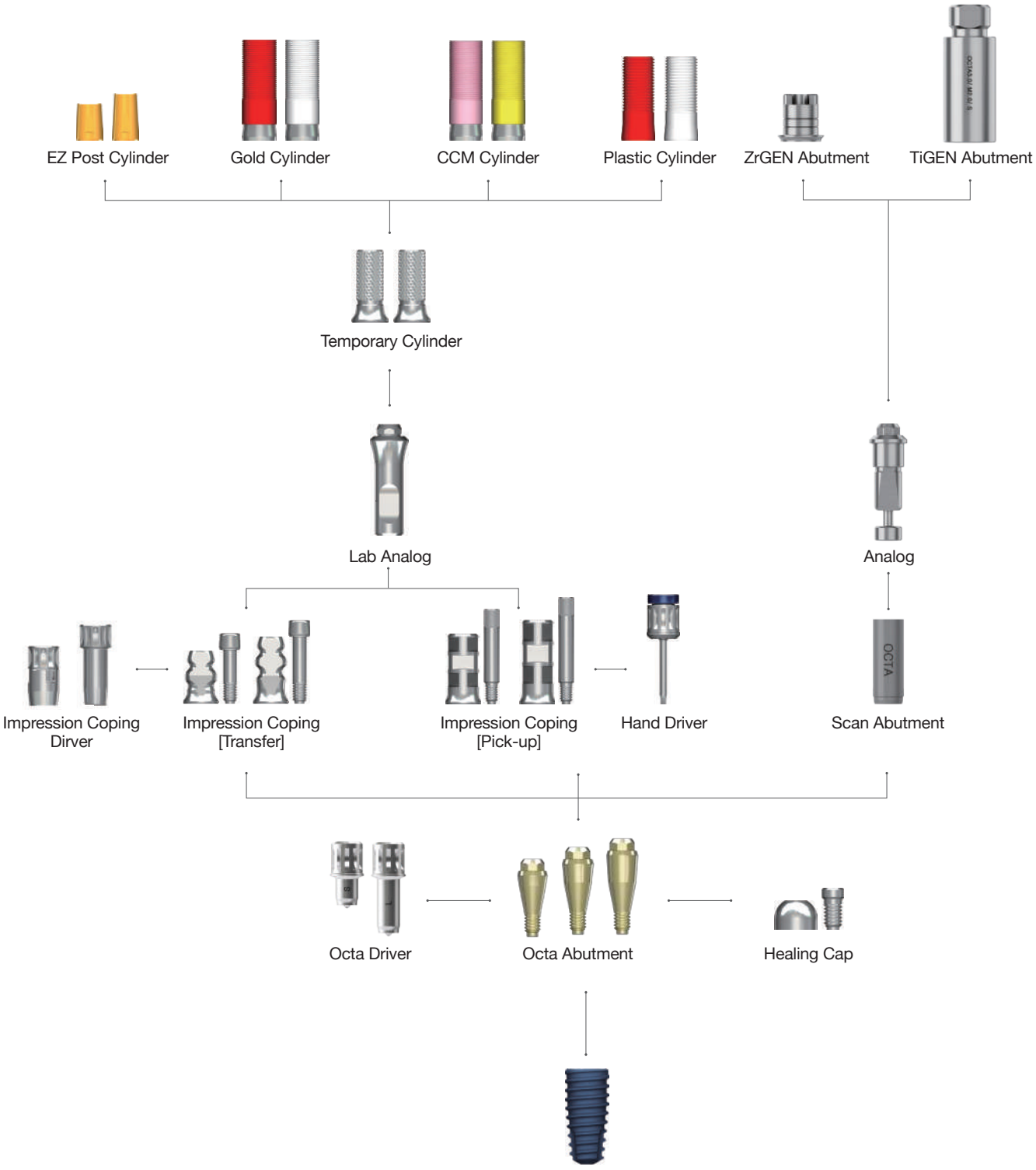
- Precise fit with post of Solid Abutment, EZ Post Abutment, Lab Analog.
- Easy to wax up, provides accurate margins and clean burnout.
- Available both Single(red) and Bridge(white).

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

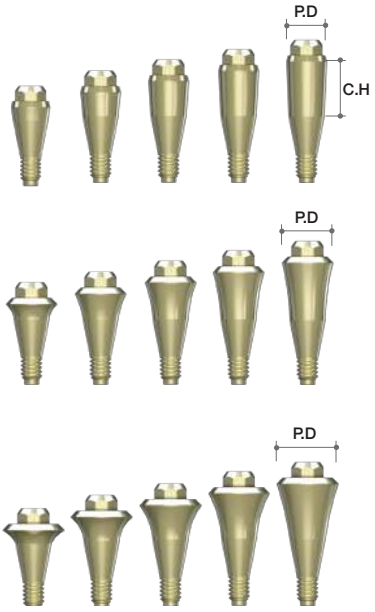


Components for Octa Abutment (Continued)

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
	5.5	OA4055
Ø4.8	1.0	OA5010
	1.5	OA5015
	2.5	OA5025
	3.5	OA5035
	4.5	OA5045
	5.5	OA5055
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.

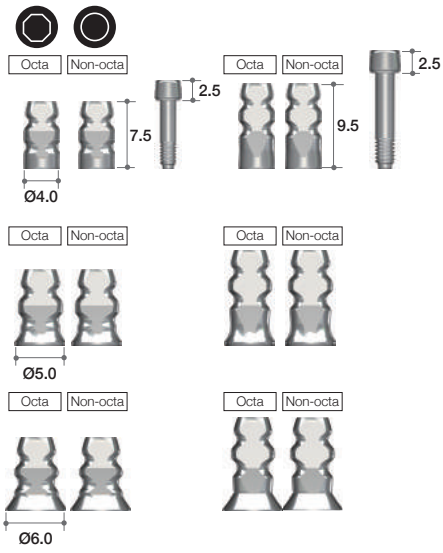
Profile Diameter	Ref.C
Ø4.0	AANOHC4000T
Ø5.0	IHC400T
Ø6.0	AANOHC6000T

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.

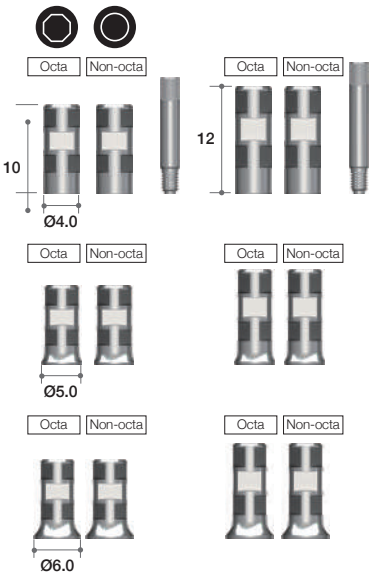
Profile Diameter	Height (mm)	Type	Ref.C
Ø4.0	7.5	Octa	AAOITO4010T
		Non-octa	AAOITN4010T
	9.5	Octa	AAOITO4012T
		Non-octa	AAOITN4012T
Ø5.0	7.5	Octa	AAOITO5010T
		Non-octa	AAOITN5010T
	9.5	Octa	AAOITO5012T
		Non-octa	AAOITN5012T
Ø6.0	7.5	Octa	AAOITO6010T
		Non-octa	AAOITN6010T
	9.5	Octa	AAOITO6012T
	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



Impression Coping (Pick-up)

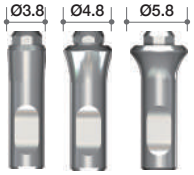
- Guide Pin included

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

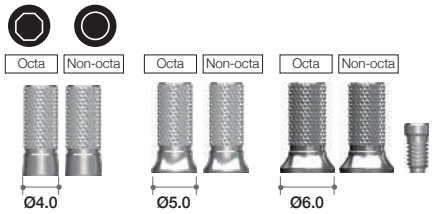
Profile Diameter	Ref.C
Ø3.8	AANOLA4000
Ø4.8	IOA300
Ø5.8	AANOLA6000



Temporary Cylinder

- Cylinder Screw (IRCS200) included
- Recommend torque : 25Ncm

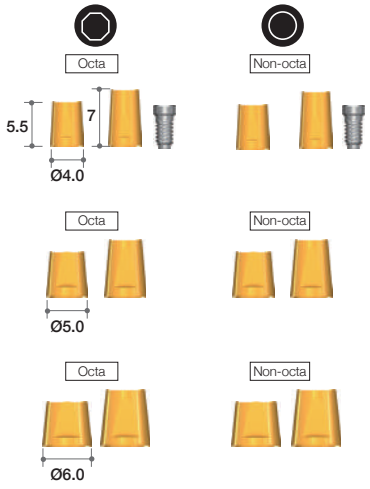
Profile Diameter	Type	Ref.C
Ø4.0	Octa	AANOTCO4010T
	Non-octa	AANOTCN4010T
Ø5.0	Octa	AANOTCO5010T
	Non-octa	AANOTCN5010T
Ø6.0	Octa	AANOTCO6010T
	Non-octa	AANOTCN6010T



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



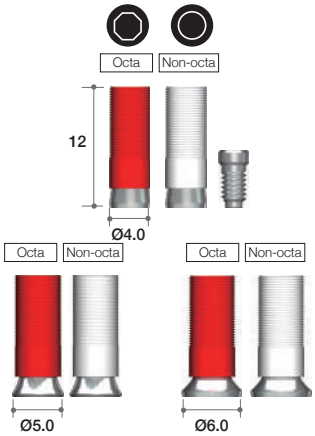
➲ Components for Octa Abutment

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	IOGN100T
Ø6.0	Octa	AANGCO6000T
	Non-octa	AANGCN6000T

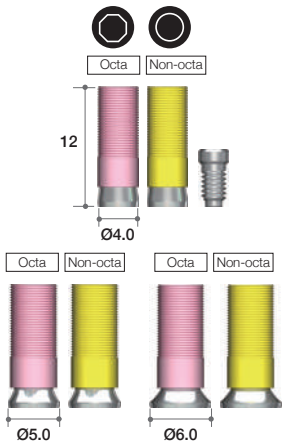


CCM Cylinder

- 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

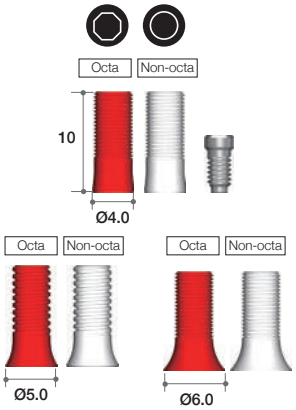


Plastic Cylinder

- 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



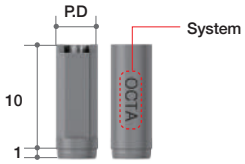
➲ Components for Octa Abutment_Digital (Continued)

Scan Abutments

- Abutment Screw(SAIRCS200) included.

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

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

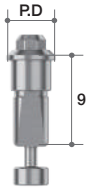


Analog

- Analog Screw(ALS18) included.

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

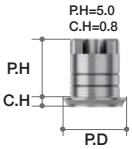
Profile Diameter	Ref.C
Ø3.8	OCTAALST
Ø4.8	OCTAALRT
Ø5.8	OCTAALWT



ZrGEN Abutments

- Abutment Screw(IRCS200) included.

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



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

➲ Components for Octa Abutment_Digital

TiGEN Abutments

(MegaGen type)

- Abutment Screw(IRCS200) included.

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

System		Color	Profile Diameter	Height (mm)	Type	Ref.C
Octa Level	Small	Silver	Ø10	20	Octa	OCTS1020.MTN
					Non-Octa	NOTS1020.MTN
			Ø12		Octa	OCTS1220.MTN
					Non-Octa	NOTS1220.MTN
	Regular		Ø10		Octa	OCTR1020.MTN
					Non-Octa	NOTR1020.MTN
			Ø12		Octa	OCTR1220.MTN
					Non-Octa	NOTR1220.MTN
	Wide		Ø10		Octa	OCTW1020.MTN
					Non-Octa	NOTW1020.MTN
			Ø12		Octa	OCTW1220.MTN
					Non-Octa	NOTW1220.MTN

(NT type)

- Abutment Screw(IRCS200) included.

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

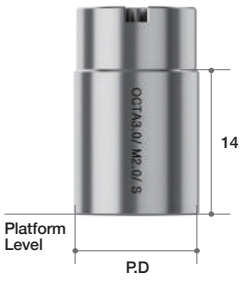
System		Color	Profile Diameter	Height (mm)	Type	Ref.C
Octa Level	Small	Silver	Ø10	16	Octa	OCTSN1016.MTN
					Non-Octa	NOTSN1016.MTN
			Ø12		Octa	OCTSN1216.MTN
					Non-Octa	NOTSN1216.MTN
	Regular		Ø10		Octa	OCTRN1016.MTN
					Non-Octa	NOTRN1016.MTN
			Ø12		Octa	OCTRN1216.MTN
					Non-Octa	NOTRN1216.MTN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

(Medentika type)

- Abutment Screw(IRCS200) included.

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

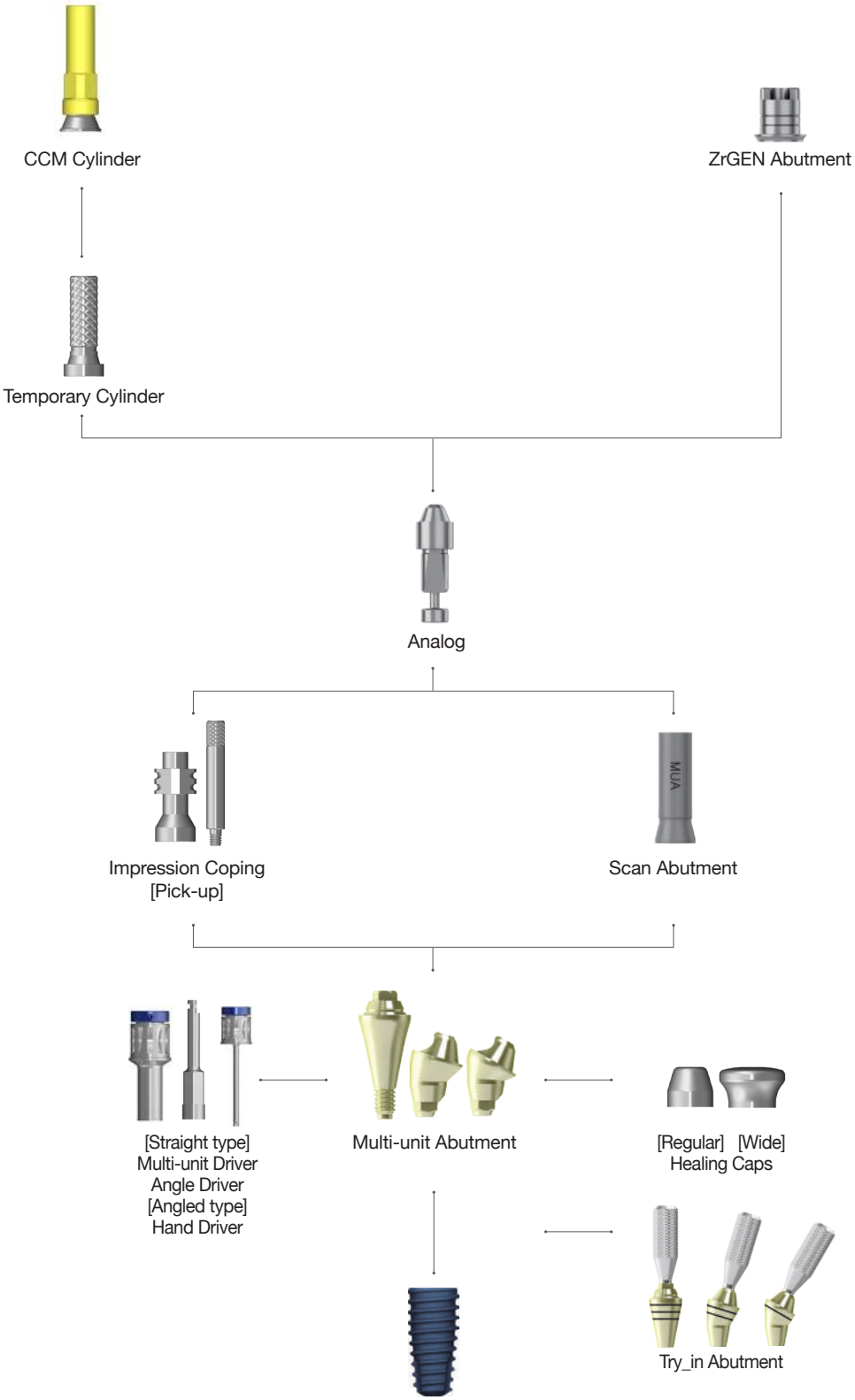
System		Color	Profile Diameter	Height (mm)	Type	Ref.C
Octa Level	Small	Silver	Ø12	14	Octa	OCTSM1214.MTN
					Non-Octa	NOTSM1214.MTN
	Regular				Octa	OCTRM1214.MTN
					Non-Octa	NOTRM1214.MTN
	Wide				Octa	OCTWM1214.MTN
					Non-Octa	NOTWM1214.MTN



II. Abutment Level Prosthesis

3-1. Multi-unit Abutment & Components

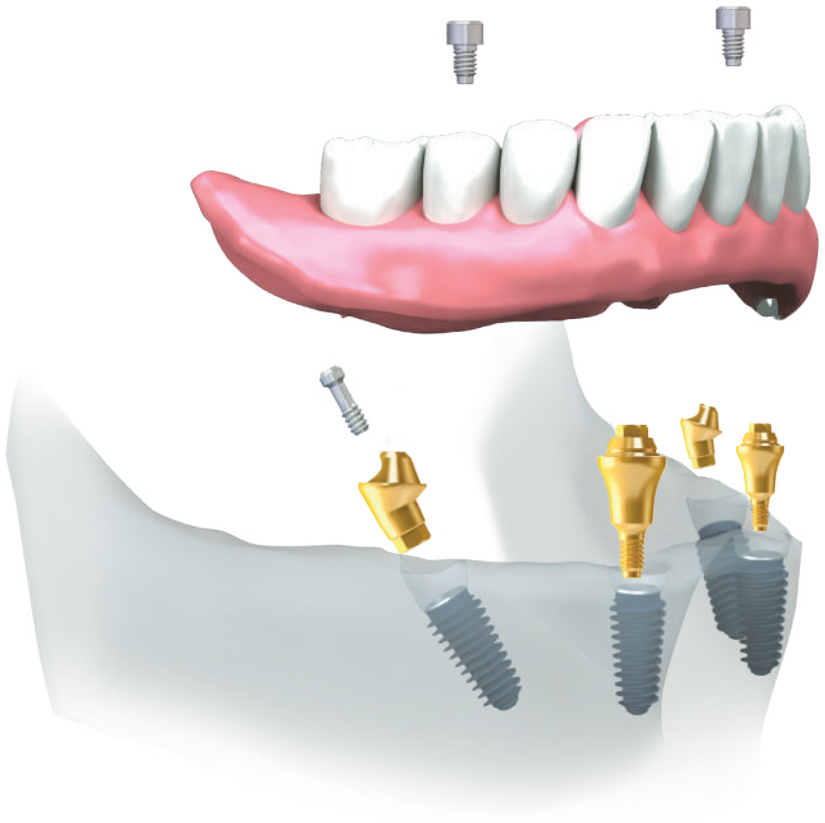
(All-on-4) (N-Type)



▸▸ 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.



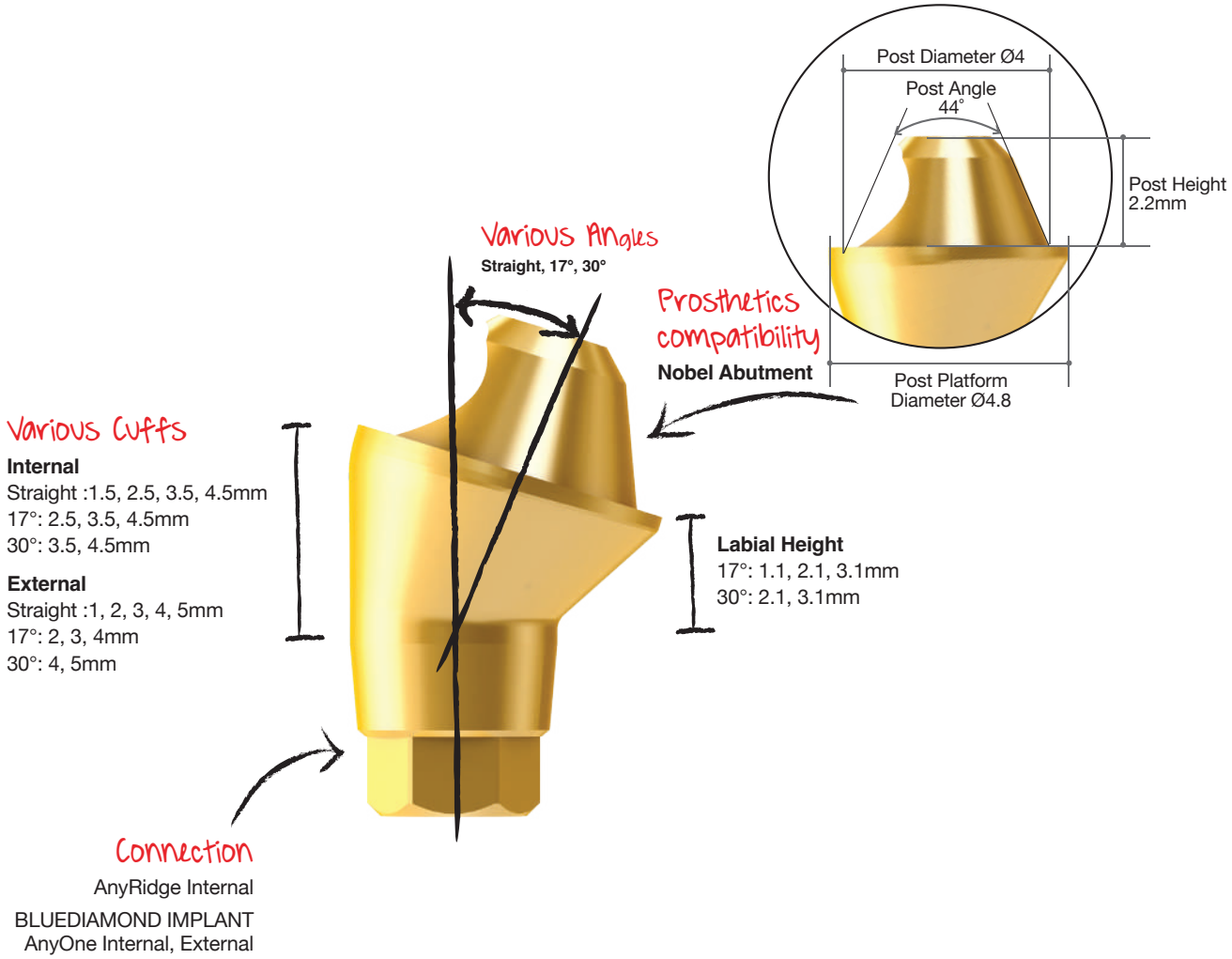
Features

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 dosen'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**

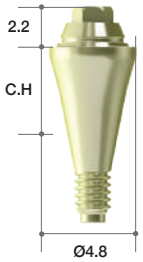
Multi-unit Abutment_N Type

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

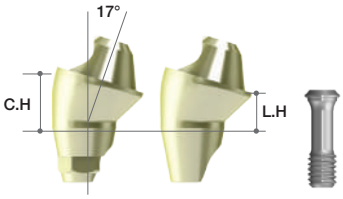


Multi-unit Angled Abutment - 17°

- MUA Screw (MUAAOS) 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

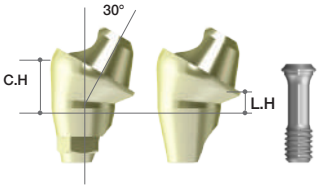


Multi-unit Angled Abutment - 30°

- MUA Screw (MUAAOS) 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



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) MUAAOH1725TC → MUAAOH1725 **HP**

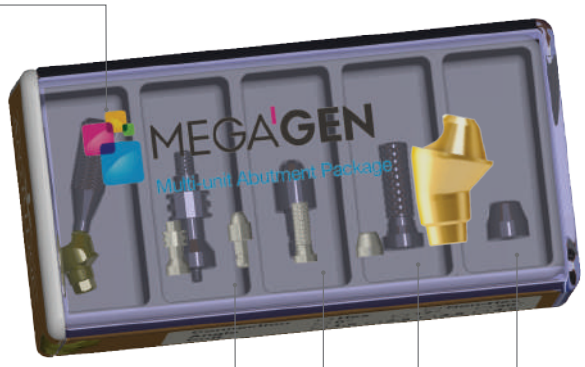
Multi-unit Abutment CCM-type Set Reference Code

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

Ex) MUAAOH1725TC → MUAAOH1725 **P**

AnyOne Internal

Cuff	Cuff	Cuff
1.5mm	2.5mm	3.5mm
2.5mm	3.5mm	4.5mm
3.5mm	4.5mm	
4.5mm		



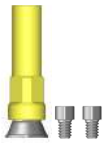
Impression Coping

Analog

Temporary Cylinder

Healing Cap (Regular)

OR



CCM Cylinder

▸▸ Starting Package Contents

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

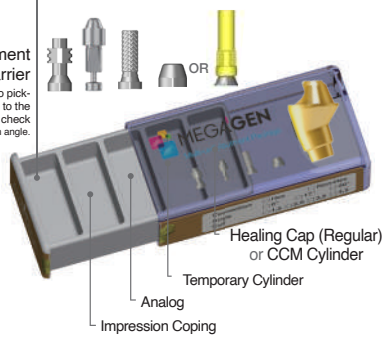
Straight 8set
(2set x 4kind of cuff)

Angle 17° 6set
(2set x 3kind of cuff)

Angle 30° 4set
(2set x 2kind of cuff)

Multi-unit Abutment with *carrier

* MUA carrier is used to pick-up an abutment to the patient's mouth, and check its insertion angle.



Surgical Instrument

Multi-unit Driver | Right Angle Driver | Hand Driver | Removed Driver

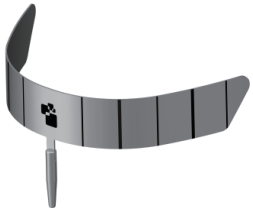
Healing Cap 2set

Regular

Wide

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

Surgical Guide 2ea

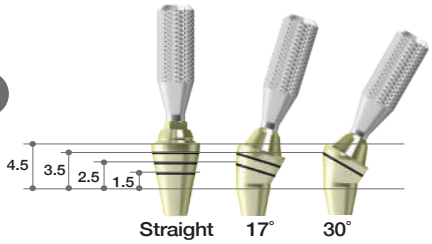


Components for Multi-unit Abutment

Try-in Abutment

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

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**

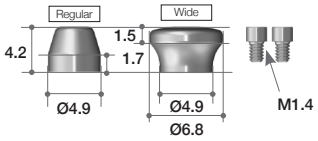
AnyOne Internal — Try-in Abutment

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

Healing Cap

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

Type	Ref.C
Regular	MUAHCL
Wide	MUAHCWL



Healing Cap Set reference code

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

Ex) MUAHCL → MUAHC**P**

MEGAGEN Healing Cap — ☐Regular ☐Wide

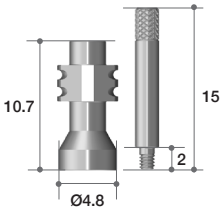
➲ Components for Multi-unit Abutment

Impression coping (Pick-up)

- Guide pin (MUAGP) included

• Use to take an impression at the abutment level.

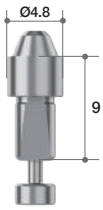
Connection	Ref.C
Non-Hex	MUAICT



Analog

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

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

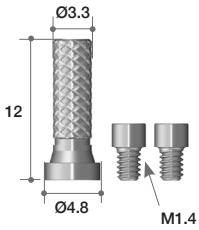


Temporary Cylinder

- Cylinder Screw (MUAS) 2EA included

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

Connection	Ref.C
Non-Hex	MUATCL

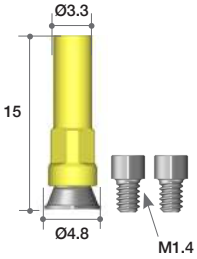


CCM Cylinder

- 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

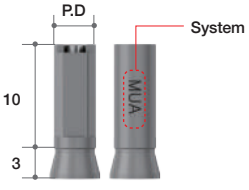


Scan Abutments

- Abutment Screw(SAMUAS) included

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

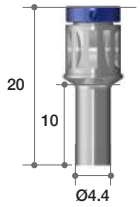
Profile Diameter	Height (mm)	Ref.C
Ø4.0	13	AMUASR4013T



Multi-unit Driver

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

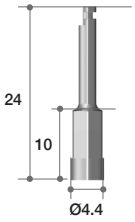
Hex	Length	Ref.C
2.0	10	MUD10



Right Angle Driver

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

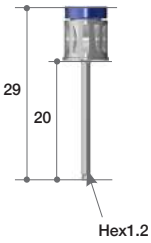
Hex	Length	Ref.C
2.0	10	MURAD10



Hand Driver

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

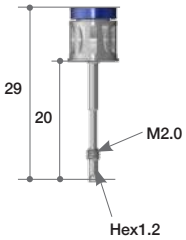
Hex	Length	Ref.C
1.2	20	MUHD1220



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



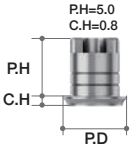
➲ Components for Multi-unit Abutment

ZrGEN Abutments

- Cylinder Screw(MUAS) included.

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

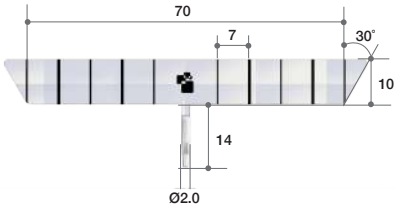
Profile Diameter	Cuff Height (mm)	Post Height (mm)	Type	Ref.C
Ø5.5	0.8	5	N Type	AMUAPR5515N.MTN
		6		AMUAPR5516N.MTN
		8		AMUAPR5518N.MTN



Surgical Guide

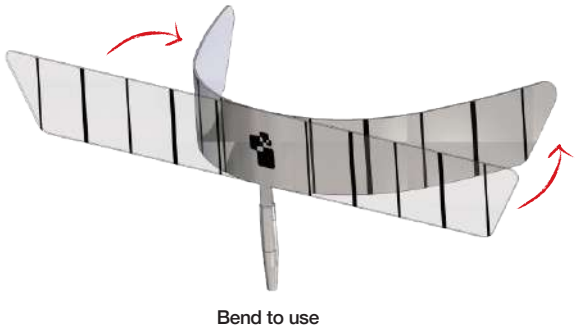
- 7mm distance between lines
- Place center pin after initial drilling at center of arch

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

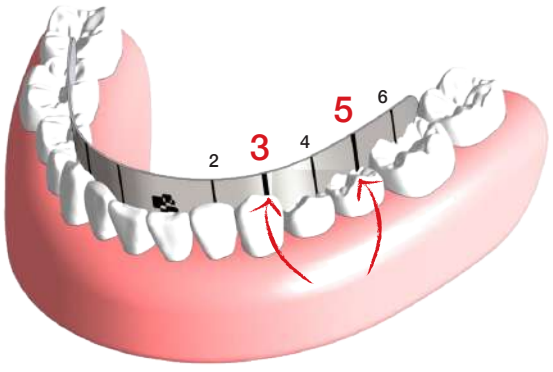


▸▸ How to use Surgical Guide

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



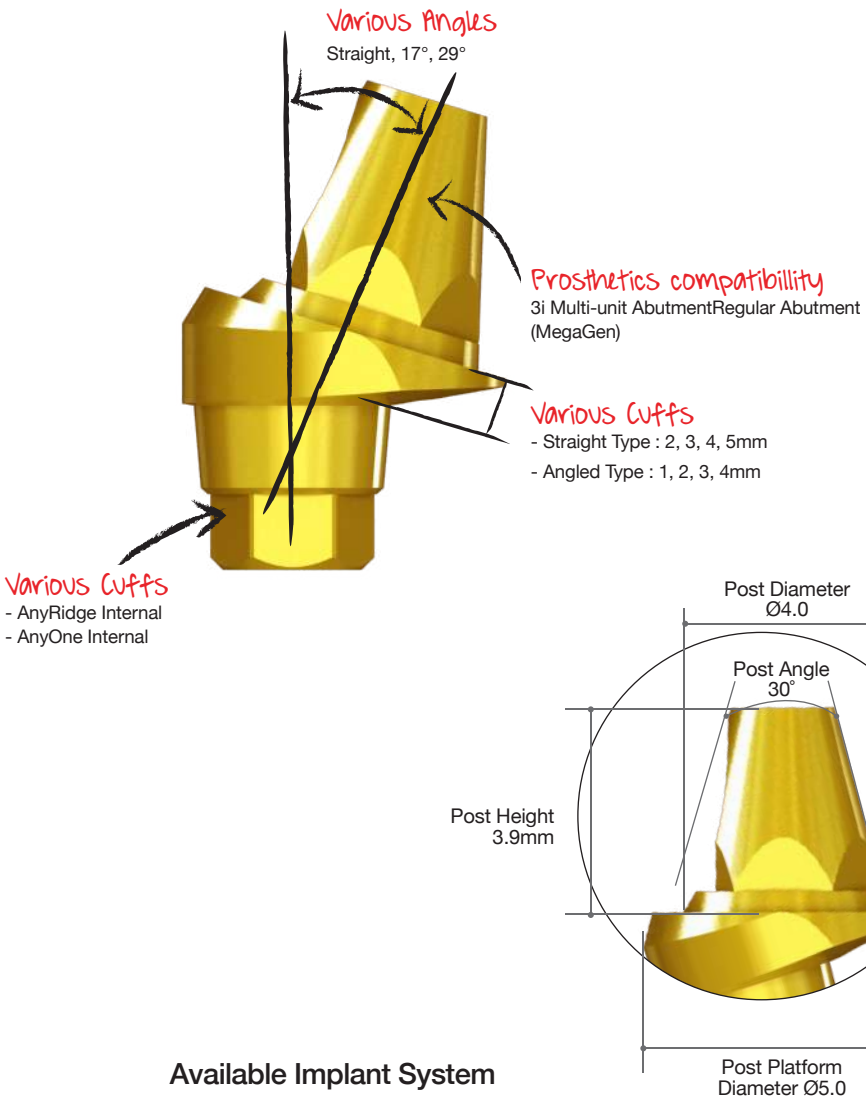
Bend to use



[Packaging]

▸▸ Multi-unit Abutment S Type

The solution for the edentulous patients



Benefit

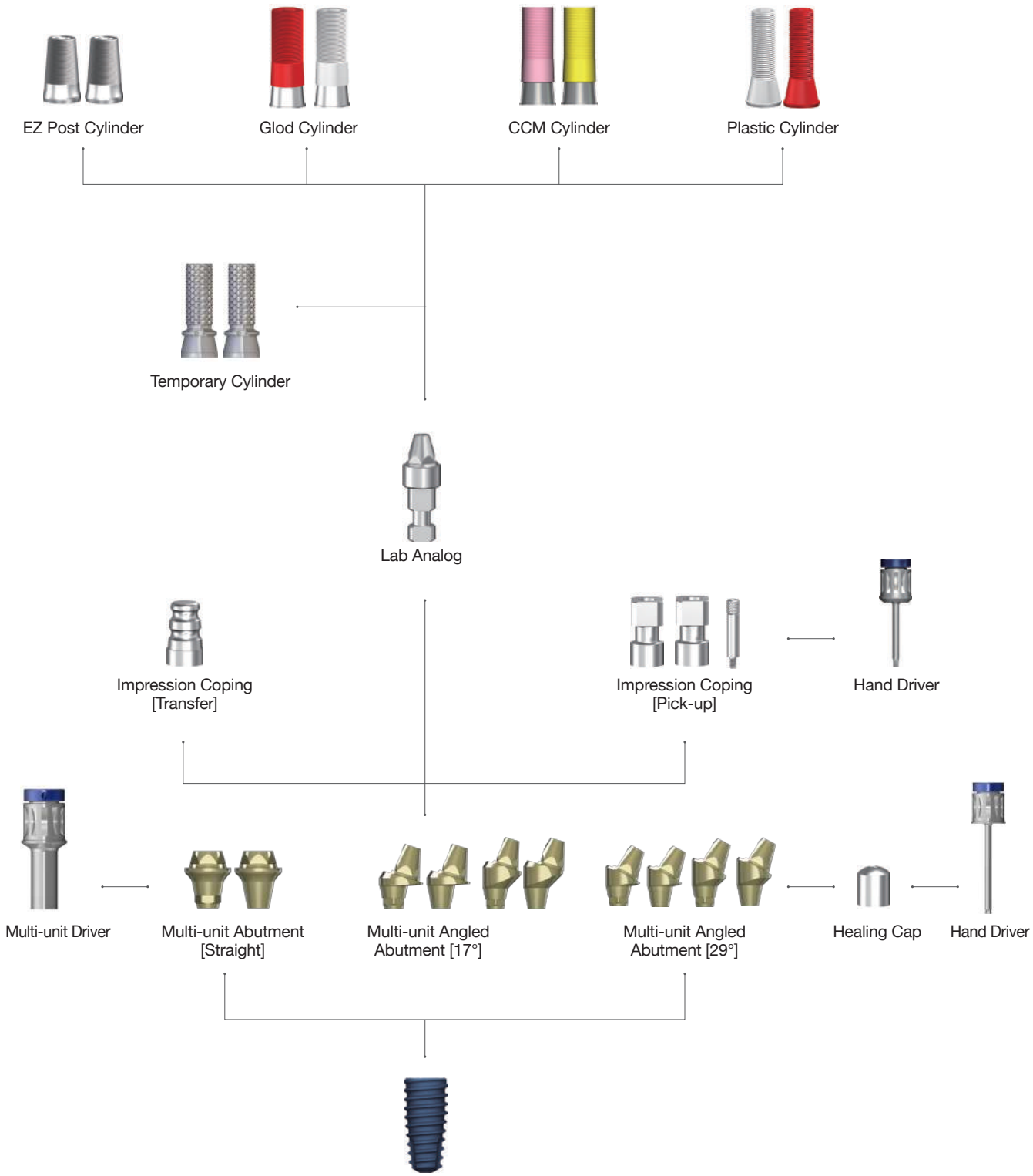
1. Retrievability means that doctor can change or retrieve the final prosthetics easily.
2. Two types of angulation : 17°, 29°. It means that doctor has various options to angle.
3. Various cuff heights (1~5mm) : Doctor can have flexiblily on the depth of fixture placement.
4. MegaGen's Multi-unit Abutment 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)



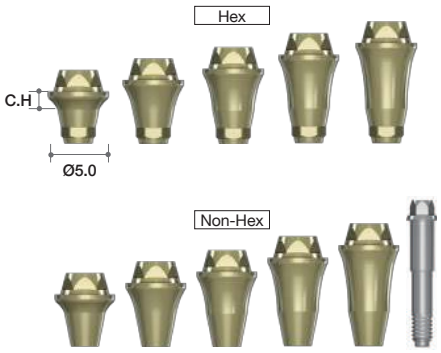
Multi-unit Abutment_S Type

Multi-unit Abutment (Straight)

- Mutli-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

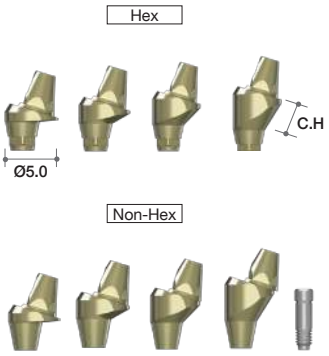


Multi-unit Angled Abutment (17°)

- 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

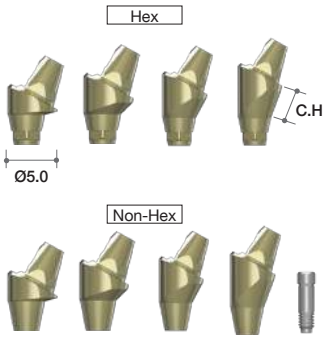


Multi-unit Angled Abutment (29°)

- 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

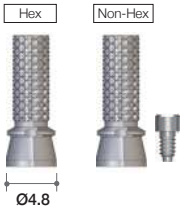
Lab Analog

Profile Diameter	Ref.C
Ø4.8	RELA300

Temporary Cylinder

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

Profile Diameter	Ref.C
Ø4.8	ETH100T
	ETN100T

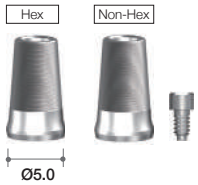


EZ Post Cylinder

- 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

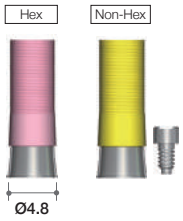
Profile Diameter	Sleeve color	Ref.C
Ø4.8	Red	REGC200T
	White	REGC100T

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

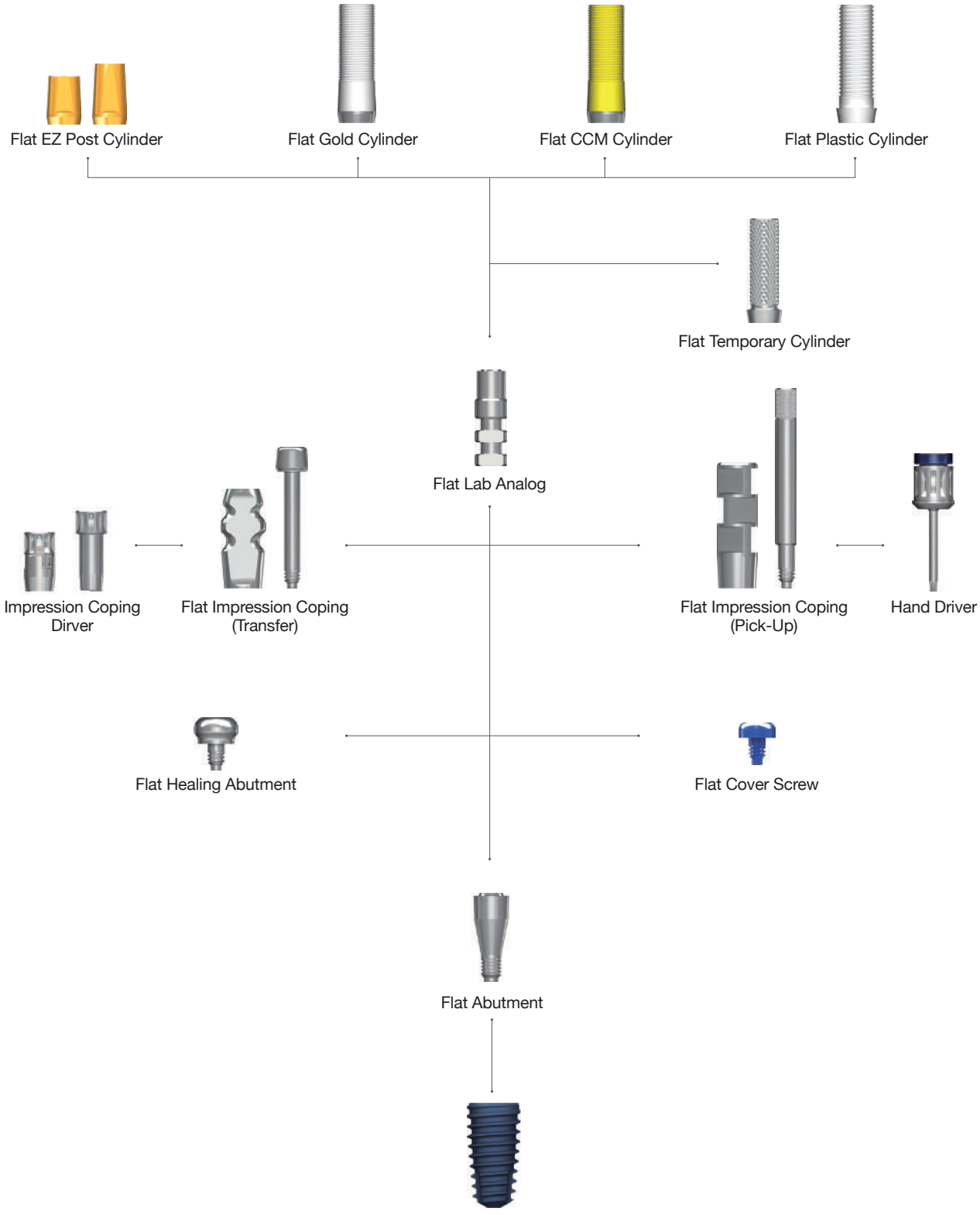
- Economical option
- Used for customizing abutment for screw retained multi-unit restorations.
  - Available in both Hex(red) and Non-Hex(white)
  Threaded sleeves allow for better retention of resin or wax.
- Recommend torque : 15Ncm

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)

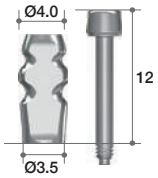
Height (mm)	Ref.C
2	FHA402
3	FHA403
4	FHA404

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.

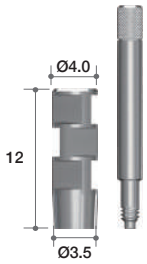
Profile Diameter	Height (mm)	Ref.C
Ø4.0	12	FIT4012T



Flat Impression Coping (Pick-Up)

- Guide pin (FGPP15) included.

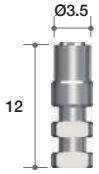
Profile Diameter	Height (mm)	Ref.C
Ø4.0	12	FIP4012T



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

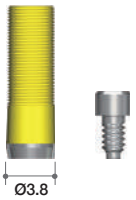
Profile Diameter	Ref.C
Ø3.8	FGC4012T

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

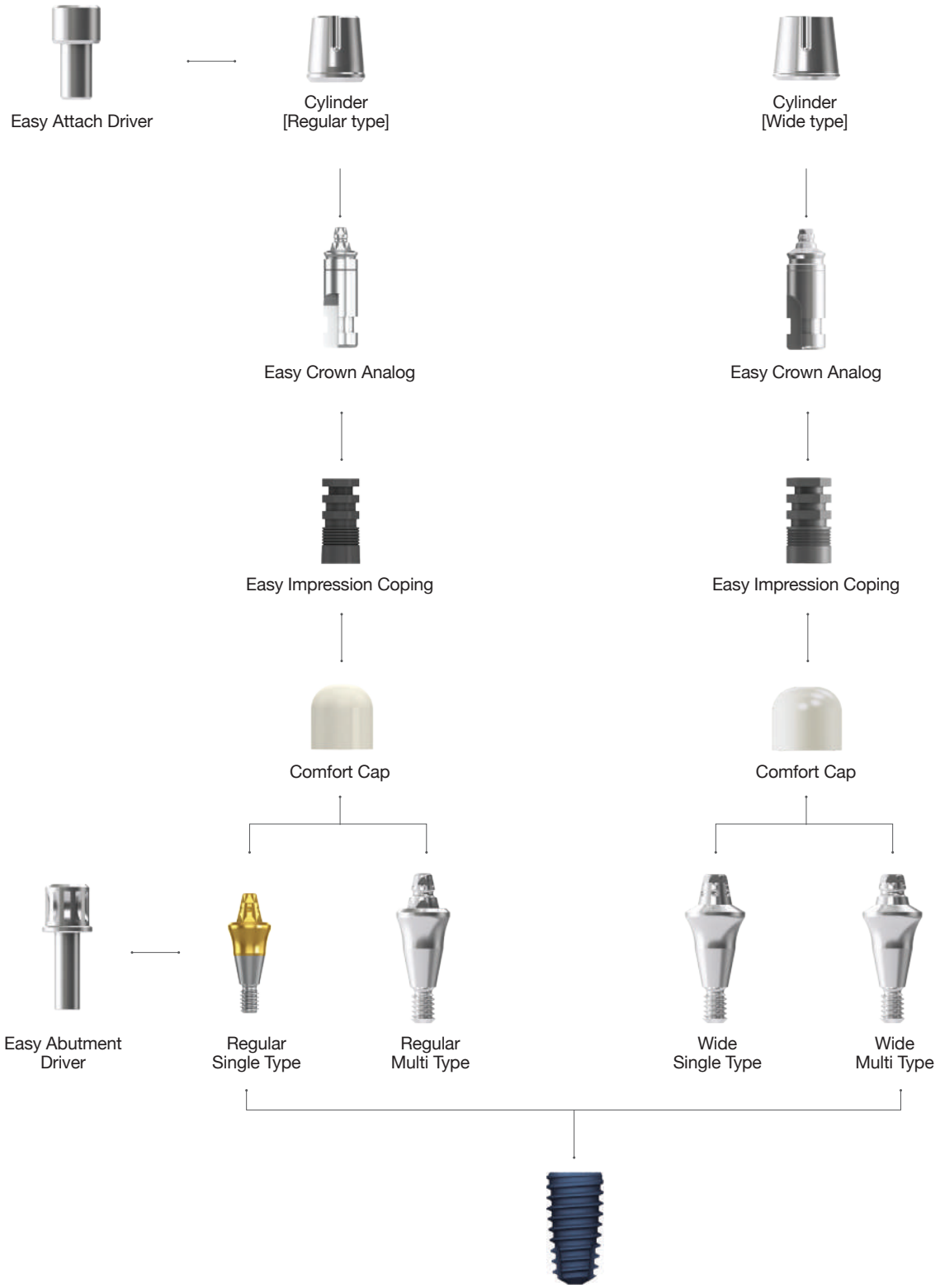
- Flat Cylinder Screw (FAS) included.

• Recommend torque : 25Ncm

Profile Diameter	Ref.C
Ø4.0	FPC4012T

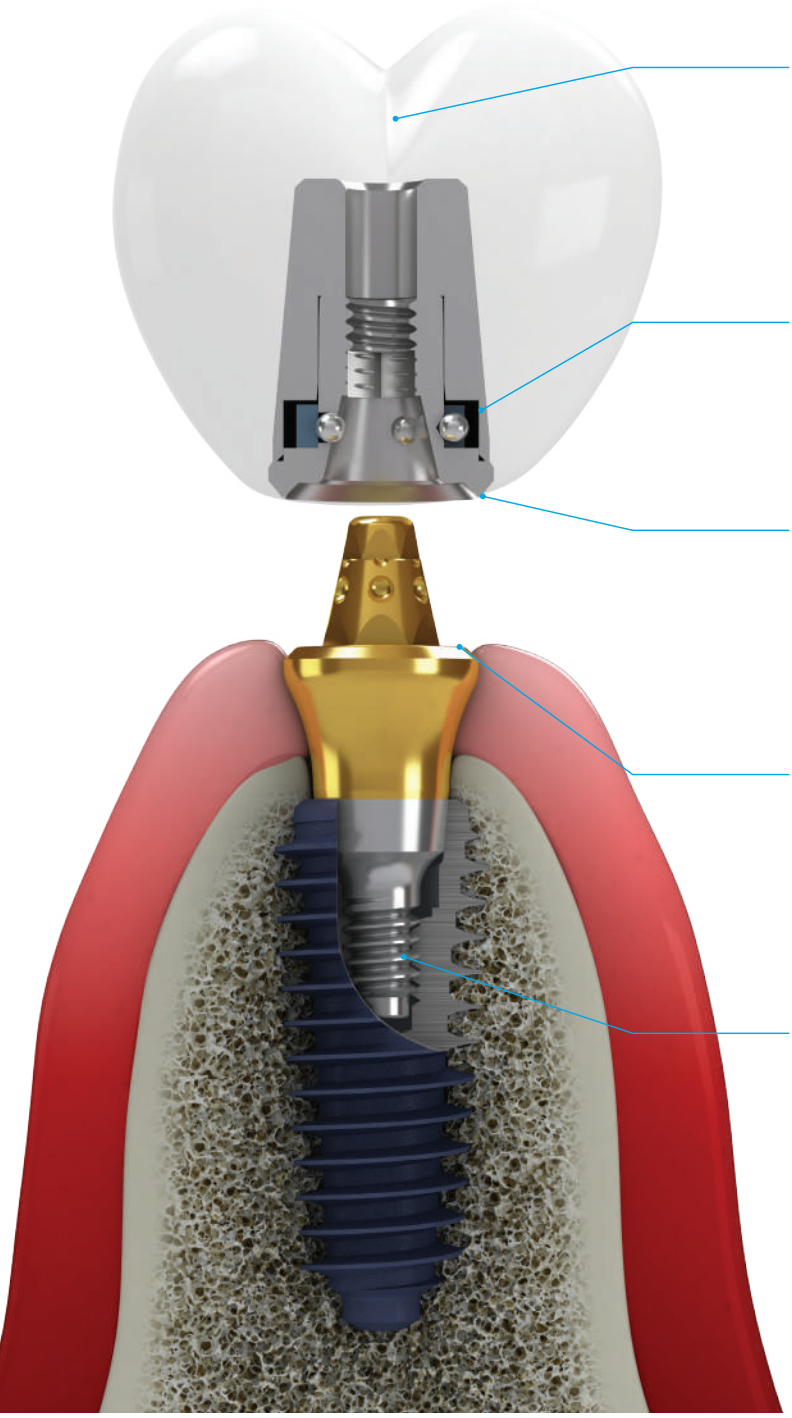
II. Abutment Level Prosthesis

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

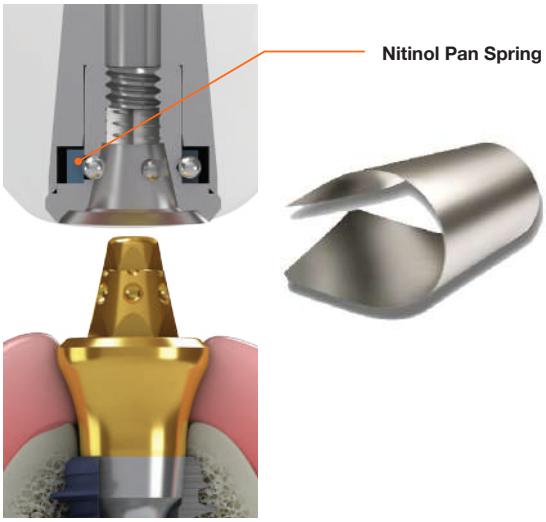
EZ Crown makes the entire management/maintenance process more effective for the clinician pain-free for the patient.

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.

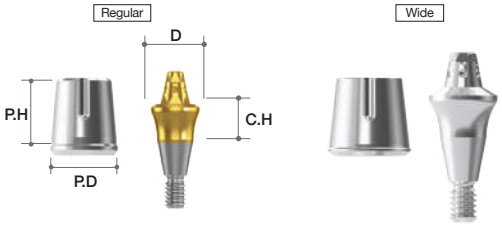
	EZ CROWN	IN-EXT	CEMENT-RETAINED	SCREW-RETAINED	SCRP
Screw Hole	No	Yes	No	Yes	Yes
Cement removal	Easy	Difficult	Difficult	Easy	Easy
Aesthetics	Excellent	Poor	Excellent	Poor	Poor
Repair	Easy	Easy	Difficult	Easy	Easy
Connection Level	Gingiva	Gingiva	Fixture	Fixture	Fixture
LOAD	Low	Low	High	High	High
Screw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

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

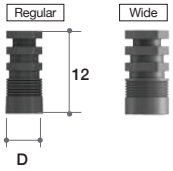


System	Profile Diameter	Cuff Height (mm)	Post Height (mm)	Ref.C Single	Ref.C Multi
AnyOne	Regular (Ø 5.2)	1.0	3.8	SS52138SR	S52138SR
		2.0		SS52238SR	S52238SR
		3.0		SS52338SR	S52338SR
		4.0		SS52438SR	S52438SR
		5.0		SS52538SR	S52538SR
		1.0	5.0	SS52150SR	S52150SR
		2.0		SS52250SR	S52250SR
		3.0		SS52350SR	S52350SR
		4.0		SS52450SR	S52450SR
		5.0		SS52550SR	S52550SR
		1.0	6.5	SS52165SR	S52165SR
		2.0		SS52265SR	S52265SR
		3.0		SS52365SR	S52365SR
		4.0		SS52465SR	S52465SR
		5.0		SS52565SR	S52565SR
	Wide Type (Ø 6.0)	1.0	3.8	SS60138SR	S60138SR
		2.0		SS60238SR	S60238SR
		3.0		SS60338SR	S60338SR
		4.0		SS60438SR	S60438SR
		5.0		SS60538SR	S60538SR
		1.0	5.0	SS60150SR	S60150SR
		2.0		SS60250SR	S60250SR
		3.0		SS60350SR	S60350SR
		4.0		SS60450SR	S60450SR
		5.0		SS60550SR	S60550SR

Components for EZ CROWN

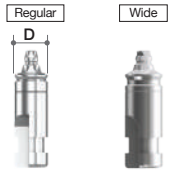
Impression Coping

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



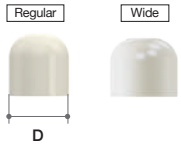
Easy Crown Analog

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



Comfort Cap

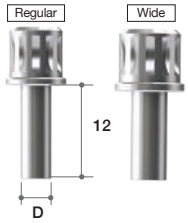
Diameter	Type	Ref.C
Ø5.0	Regular	ECH
Ø6.0	Wide	ECH-W



Easy Abutment Driver

- Used to connect the Abutment

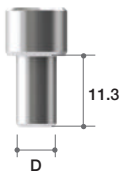
Diameter	Type	Ref.C
Ø4.0	Regular	EAD
Ø4.1	Wide	EAD-W



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

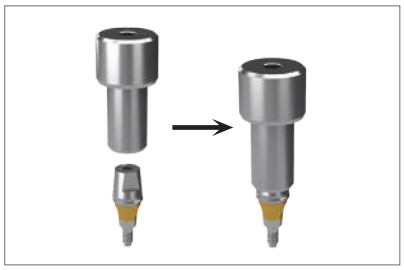
- Used for cylinder retrieval

Length(mm)	Ref.C
12	EARD

Instrument Set

- Abutment Driver + Cylinder Driver + Retrieval Driver

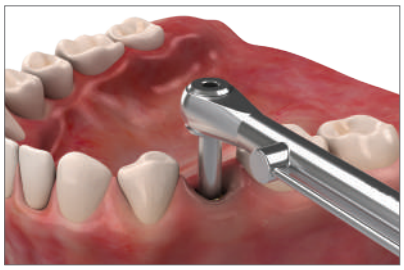
▸▸ How to use EZ CROWN



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.



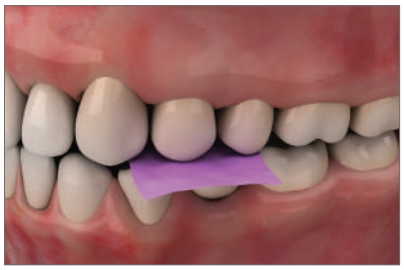
Tighten the EZ Crown Abutment to the fixture finally, using the torque wrench and Abutment Driver (35N)

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

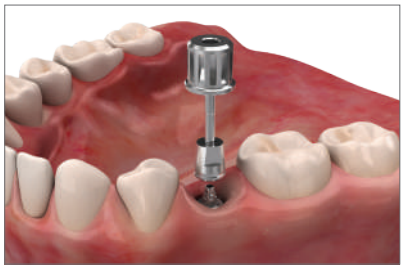
Remove the Cylinder" from the EZ Crown Abutment using Remove Driver

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

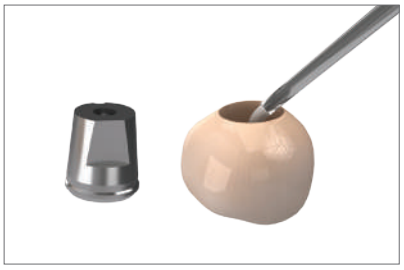
Final Crown and Cylinder



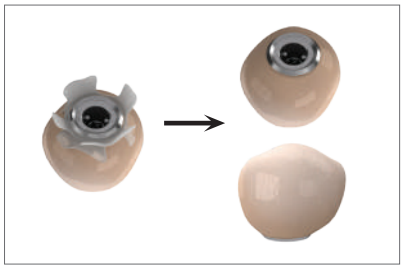
Re-tighten the Cylinder and Final Crown to the EZ Crown Abutment and then check the occlusion.



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



Cylinder and Final Crown cementation



Remove excess cement

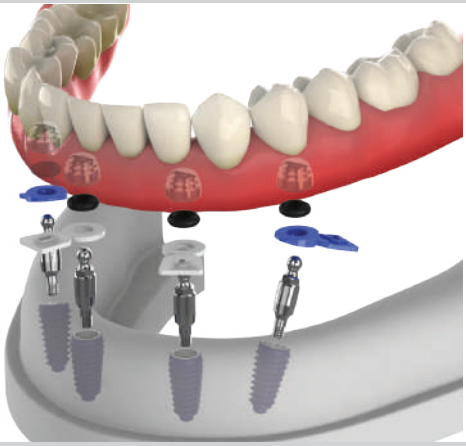
Final Prosthesis

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

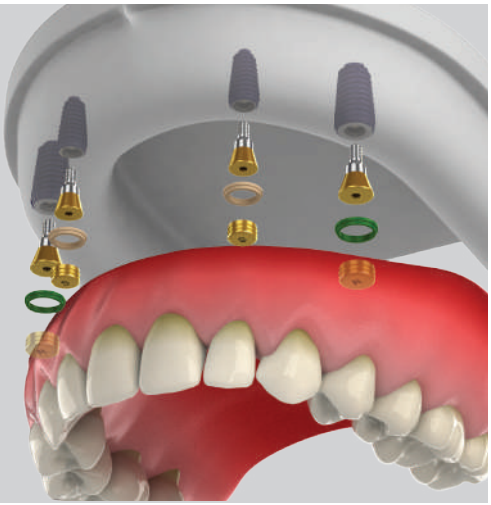
Smallest housing, retentive ring with longer life!
Even when the implant angle is not parallel, a stable denture can still be produced!

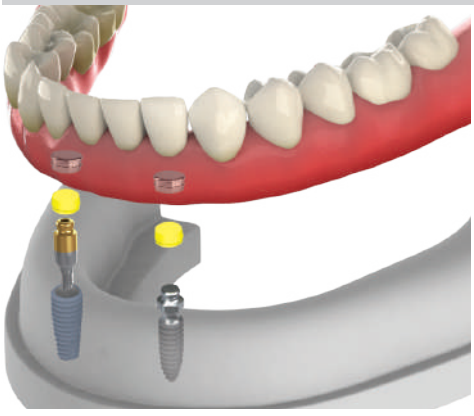
Compatible with other products with Ø2.25 head size, minimized patient inconvenience due to small-size housing, simpler to arrange artificial teeth as space occupied by denture is reduced, and easier to maintain than other systems.
Retentive ring has a high elasticity, abrasion resistance, and durability, 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°

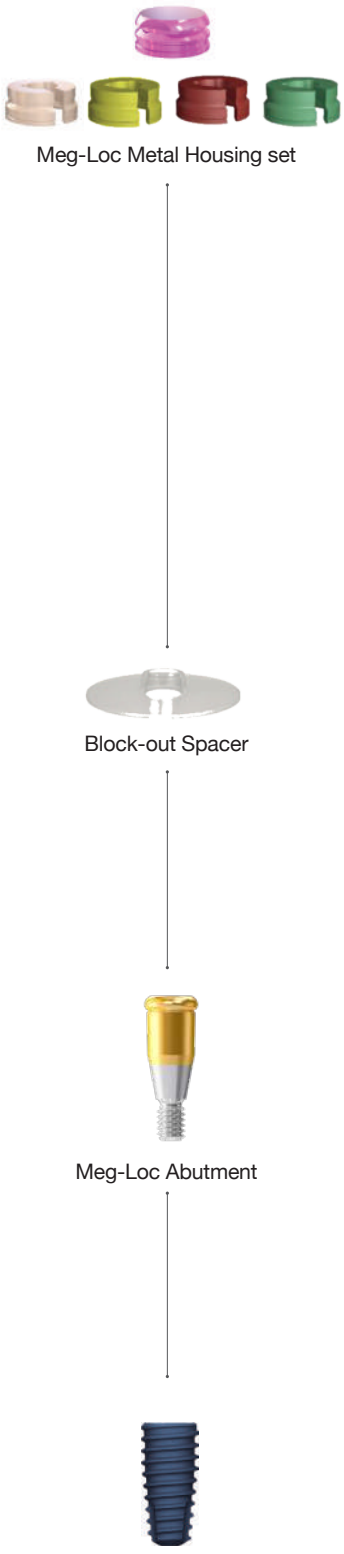
Combined head and housing structure is smallest on the market.

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

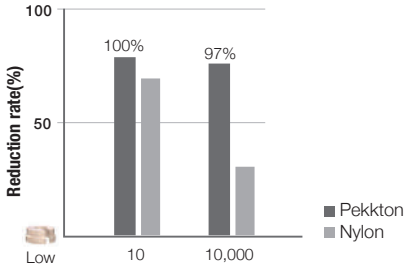
Combination of Titanium housing and reinforced plastic (Pekkton) provides low water solubility and high resistance, making it superior in abrasion resistance and durability compared to existing products.

Water Sorption Test

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

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

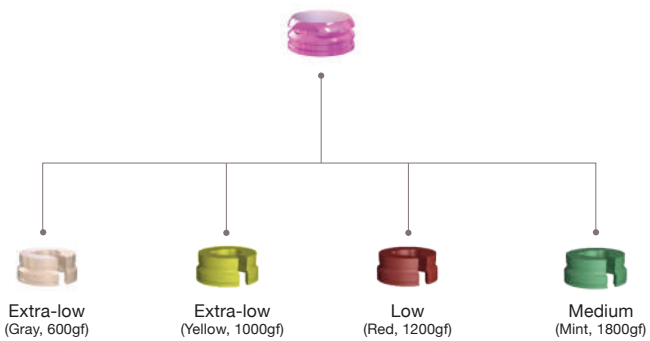
High resistance to plaque and easy cleaning
Easy replacement of retention insert

Easy compatibility

Compatible with Product L and Product K (same specifications)

Tilting Angle

Various Retentive Caps of the Meg-Loc



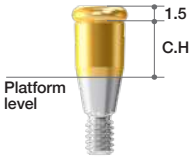
Meg-Loc Overdenture System

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

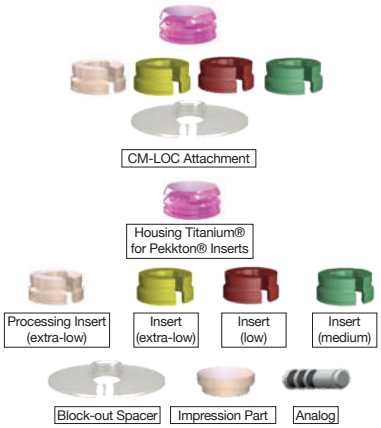
* Following package items are delivered with San DreMetto Korea packaging.

- 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

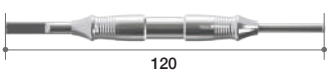
Description	QTY	Ref.C
CM-LOC Attachment	SET	CM-LOC
Housing Titanium® for Pekkton® Inserts	4EA	CM-LOC-TP
Processing Insert (extra-low)	4EA	CM-LOC-PI
Insert (extra-low)	4EA	CM-LOC-EL
Insert (low)	4EA	CM-LOC-L
Insert (medium)	4EA	CM-LOC-M
Block-out Spacer	4EA	CM-LOC-BS
Impression Part	4EA	CM-LOC-IP
Analog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

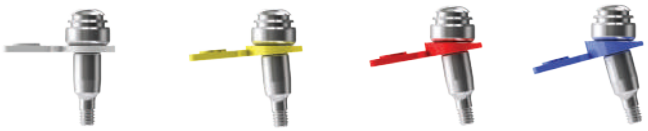
Double length of life

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



0° 5° 10° 15°

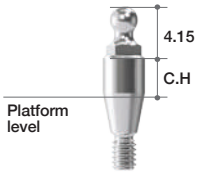
Tilting Angle

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	MBA070



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	MBAO70P

Meg-Ball Metal Housing Set

- 1 Metal Housing
- 1 Retentive Ring

Ref.C
MBHR

Retentive Ring Set

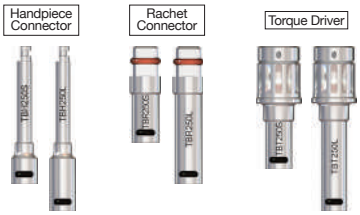
- MBR5 = 5ea
- MBR10 = 10ea

Quantity	Ref.C
5	MBR5
10	MBR10

Ball Driver

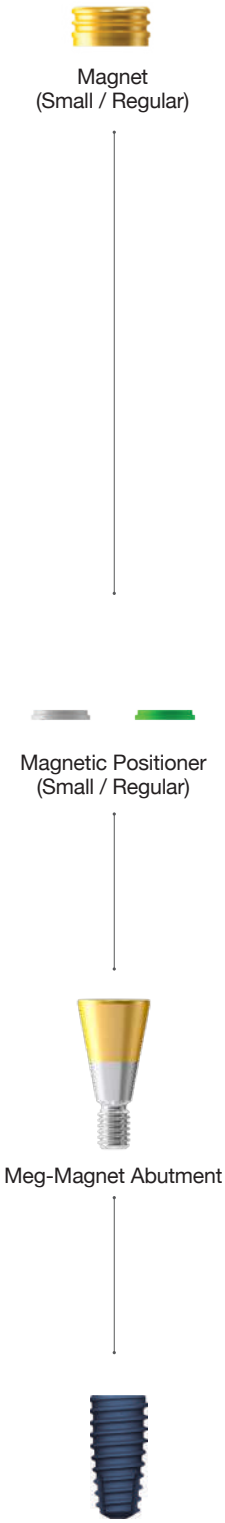
- For seating of the Ball Abutment into the fixture.
- Can connect to a Handpiece, Ratchet or Torque Wrench.
- Available in long and short.
- Refer to Page. 078

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

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

Designed for maximum magnetic efficiency and durability

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

Outstanding retention
- Blocks bursting
- Corrosion resistant
- Abrasion resistant

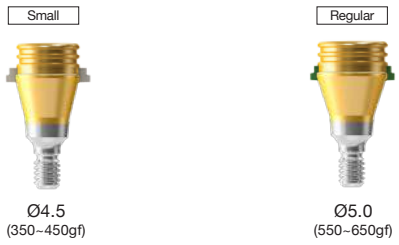
TiN coating provides corrosion resistance
Over 0.1mm thickness at contact with attachment to ensure wear resistance

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

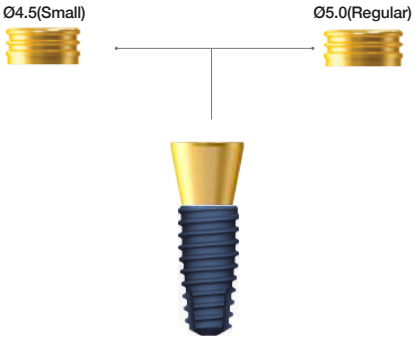
Magnet of Ø4.5 & Ø5.0 is compatible with other products
Laser marking on upper part makes it easy to distinguish between up and down

No slippage of magnet

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



Component of the Meg-Magnet

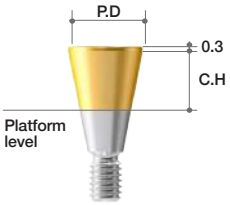


Meg-Magnet Overdenture System

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
	7.0	MMAO470
Ø5.0	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

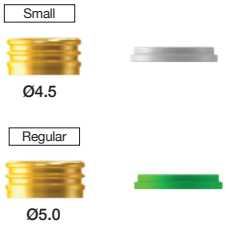
***Caution!**
[Magnetic Positioner]
- Use according to the standard
  : Small(White)/ Regular(Green)
  -Do not reuse

[Magnet]
- Do not heat above 70℃
  : 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
	7.0	MMAO470P
Ø5.0	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

Retentive Cap Set
(Dynamic)

Retentive Cap Set

Lab Analog

Impression Coping

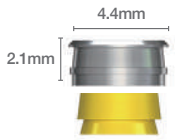
Meg-Rhein Abutment

▸▸ Overdenture System

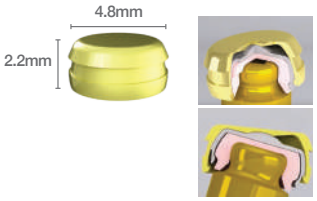
Advantages

Small & Easy-to-Use Housing System

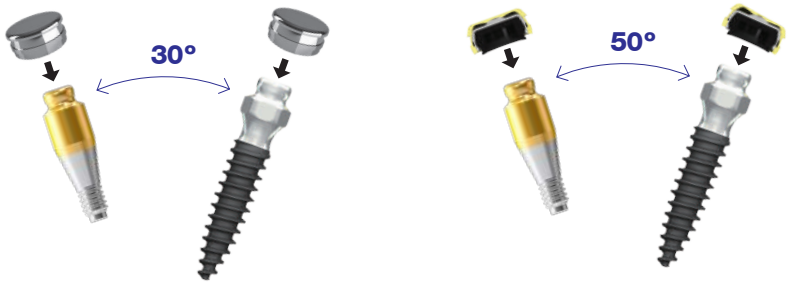
Normal



Dynamic

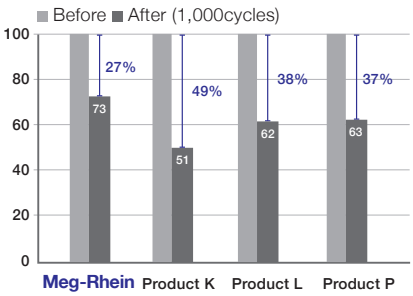


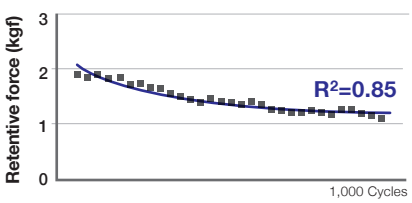
Tilting Angle



Various Retentive Caps of the Meg-Rhein

Low Reduction Rate & Uniform Variance of Retentive Force





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

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-0.6kg, 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	DR03PA
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

Ref.C
MHP

Stainless Steel Housing (Dynamic)

- 5ea/pack

Ref.C
THP

Retentive Caps (White)

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

Ref.C
RCWP

Retentive Caps (Violet)

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

Ref.C
RCVP

Retentive Caps (Pink)

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

Ref.C
RCPP

Retentive Caps (Yellow)

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

Ref.C
RCYP

Retentive Caps (Black)

- For laboratory

Ref.C
RCBP

Stainless Impression Coping (Pick-Up)

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

Ref.C
044CAIN

Lab Analog

Ref.C
PLA

Caps and Clips Extractor tool

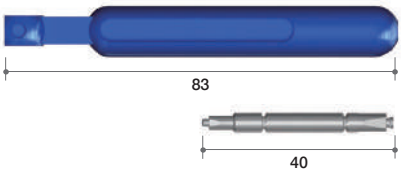
- Retentive Cap removal tool.

Ref.C
491EC

Retentive Cap Insertion Tool

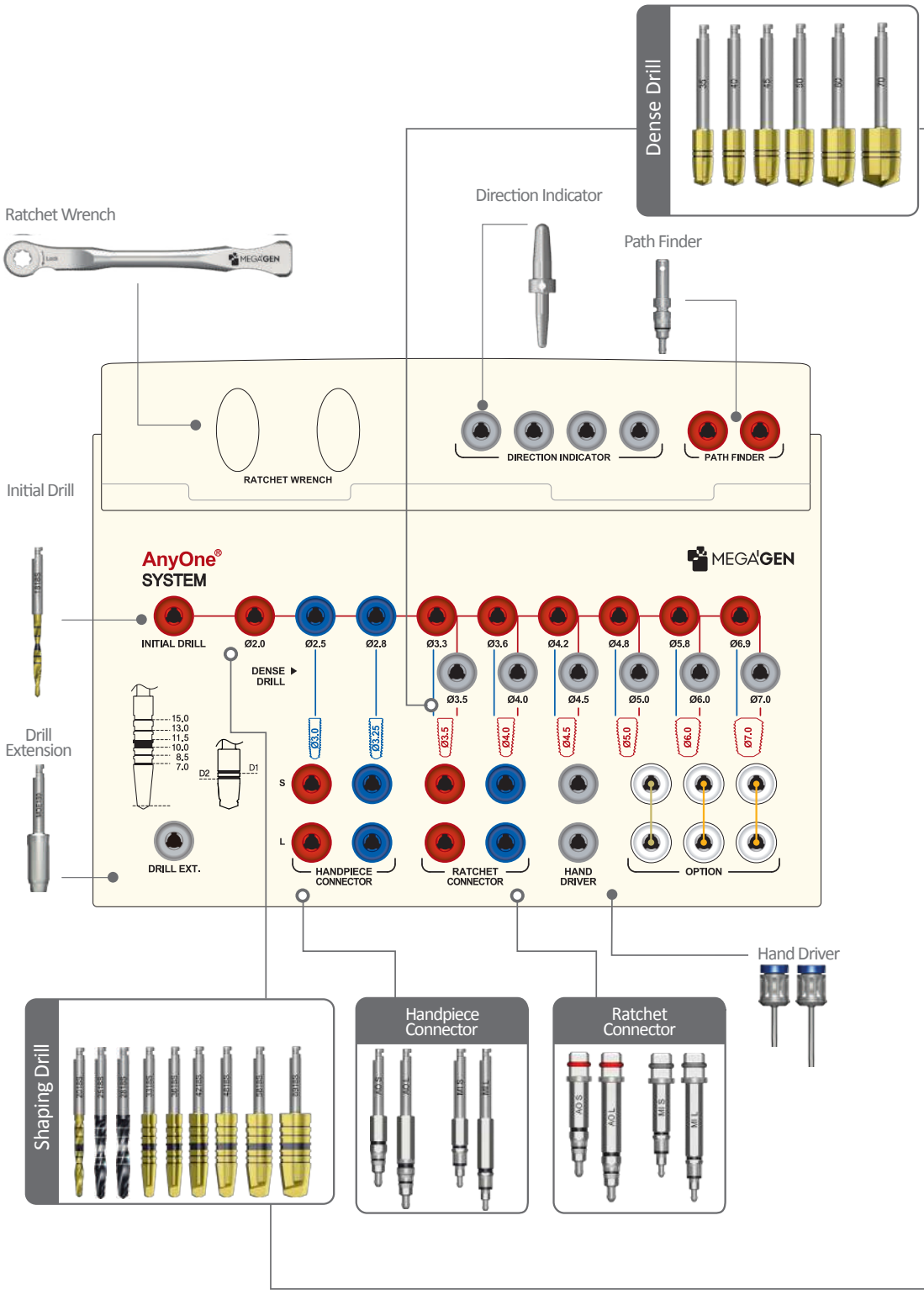
- Retentive Cap insertion tool.

Ref.C
085IAC



AnyOne Kit
I. AnyOne Surgical Kit

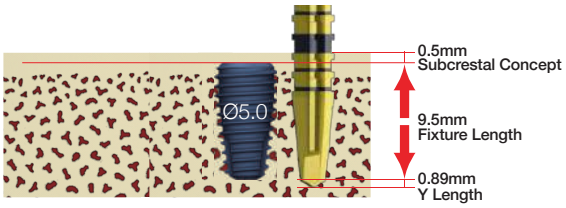
Ref.C
KAOIN3003



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

Shaping Drill

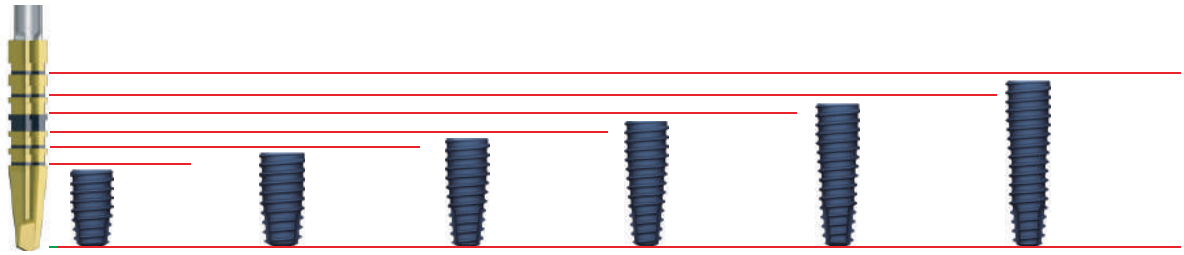
- Each drill has depth marking lines from 7.0mm to 15.0mm
- The dual marking system (grooves and laser markings) provides visual and radio graphic depth verification during surgery.



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.

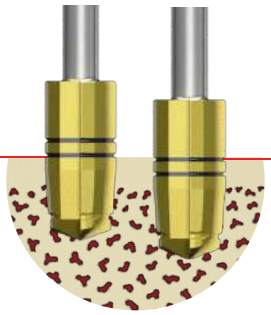
※ Markings on the Shapping Drill are 0.5mm longer than the fixture so fixtures will automatically be placed 0.5mm subcrestally if the drilling protocol is followed.



※ 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.

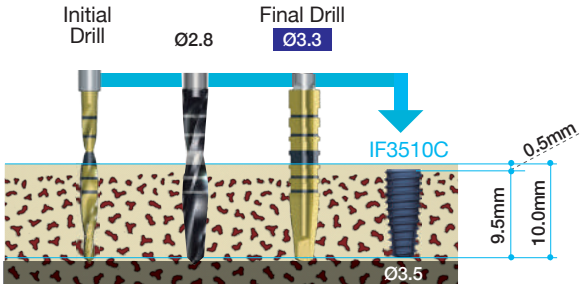


▸▸ Surgical drilling sequence

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

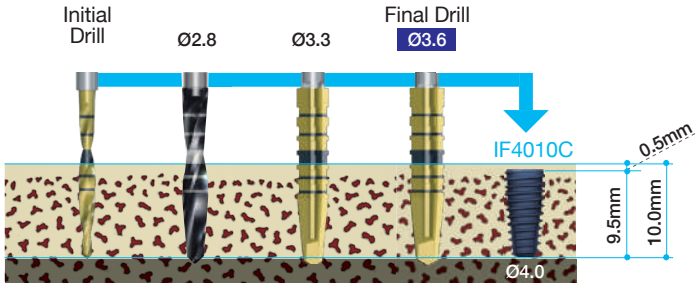
Ø3.5 Fixture Drilling Sequence

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



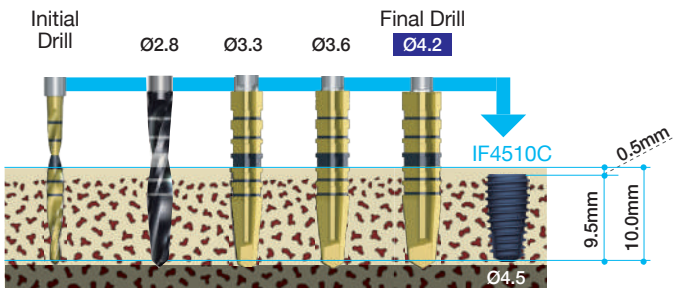
Ø4.0 Fixture Drilling Sequence

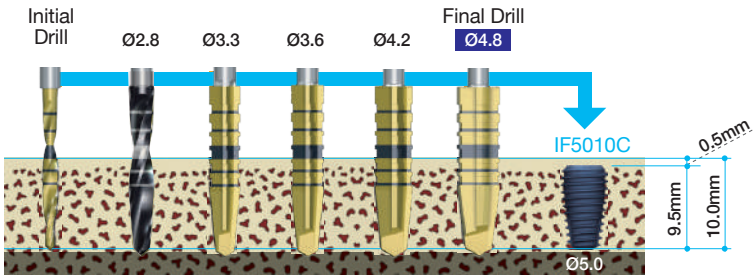
10.0mm is the fixture length, The Shaping Drills are 0.68mm longer than the fixture, so total drill depth is **10.68mm**.



Ø4.5 Fixture Drilling Sequence

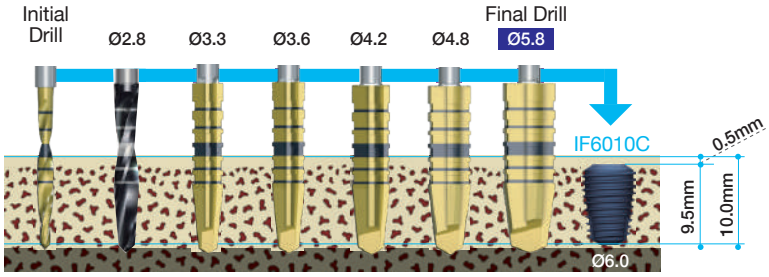
10.0mm is the fixture length, The Shaping Drills are 0.85mm longer than the fixture, so total drill depth is **10.85mm**.





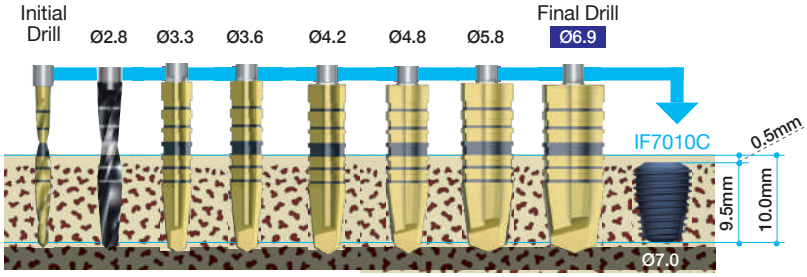
Ø5.0 Fixture Drilling Sequence

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 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 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**.

➲ 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

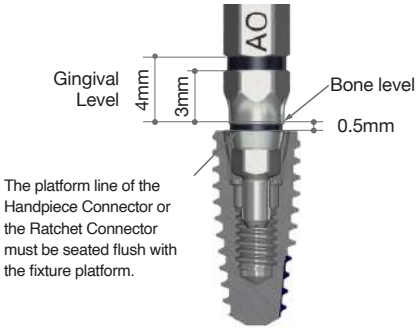
(*) Separate sales item

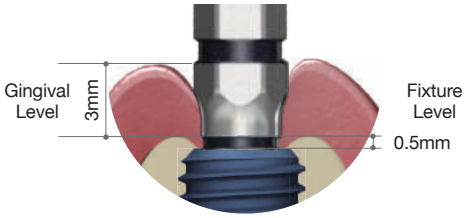
Dense Drill

- 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 & Ratchet Connector





※ Fixture level : Placement should be 0.5mm subcrestal.
※ Gingival level : The line is 3mm above the bone level line and 3.5mm above the platform line

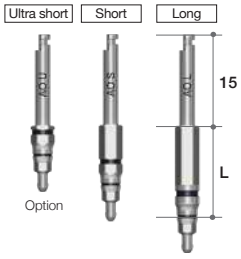
Handpiece Connector

- 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

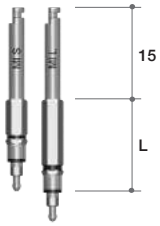
Length(mm)	Type	Connection	Ref.C
5	Ultra-short	Hex. 2.5	*HCU25
10	Short		HCS25
15	Long		HCL25

(*) Separate sales item



MiNi

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



Surgical Kit Components

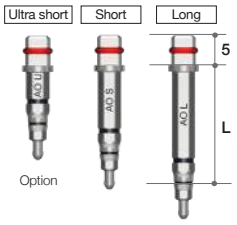
Ratchet Connector

- 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

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
30	Extra-long	*TCMHDE1230

(*) 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 in 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

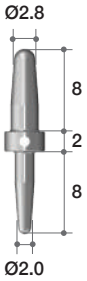
- No more than 45Ncm torque : May distorted when excessive force is applied.
- Extends drills & other handpiece instruments.

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.

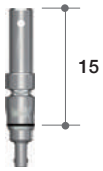
Diameter	Ref.C
Ø2.0 / Ø2.8	MDI100



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

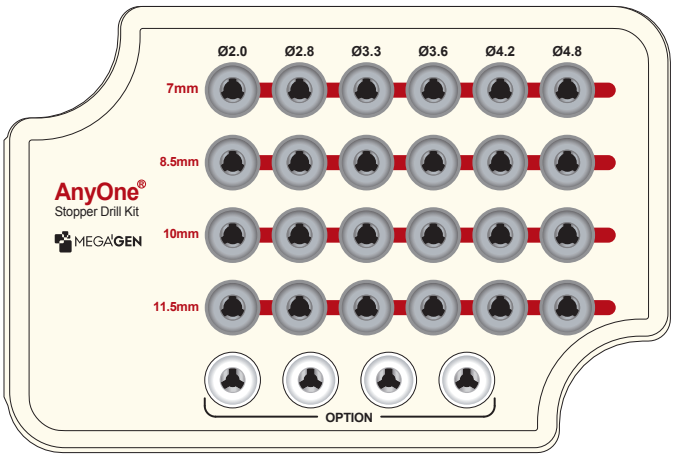
- Used to exert more force than the Handpiece.
- No bearing system : No breakage and no corrosion problems.
- Arrow laser marking indicates direction of force.

Ref.C
MRW040S

II. Stopper Drill Kit

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

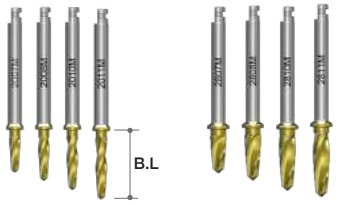
Ref.C
KAOSS3000



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



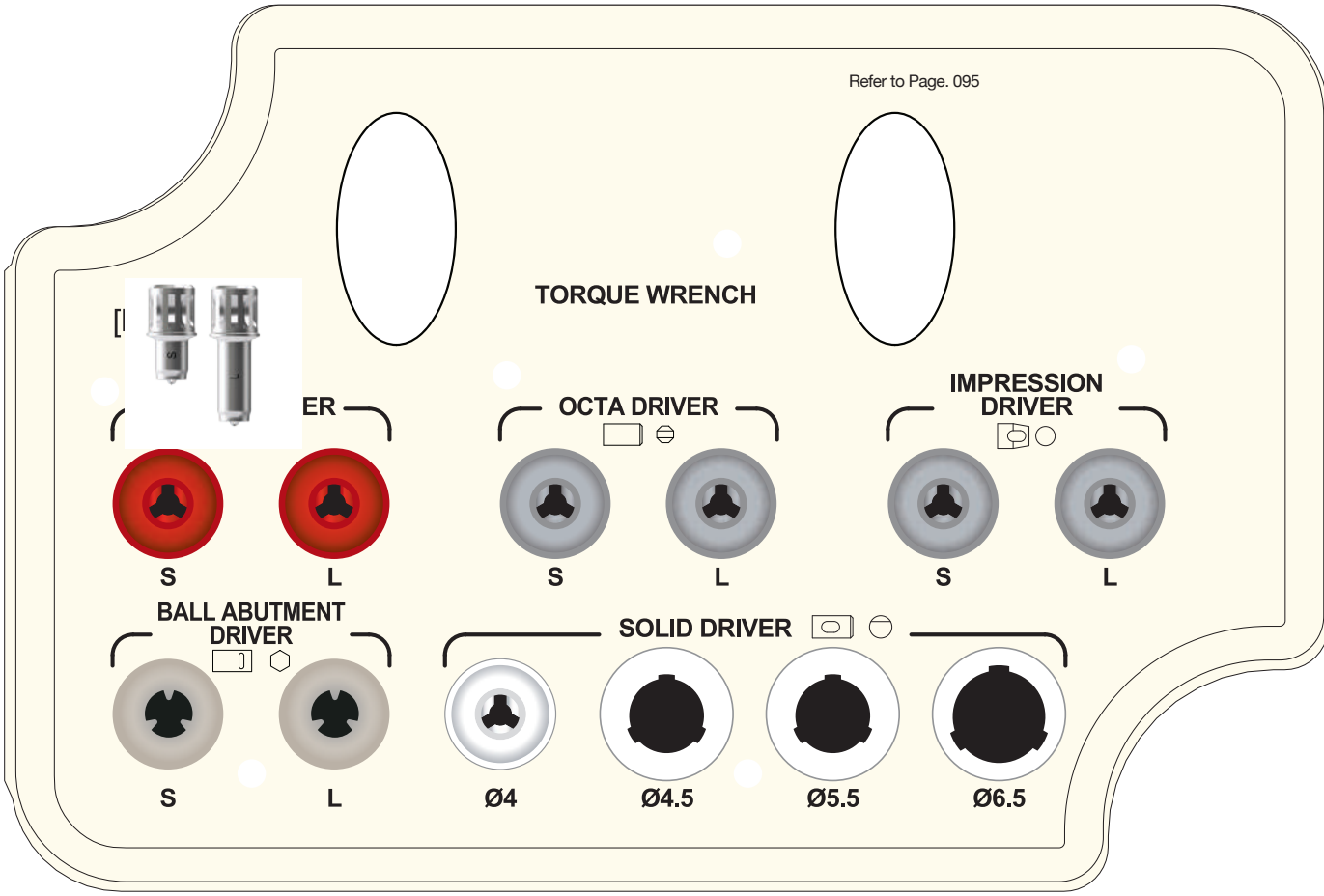
Option

Option

III. Prosthetic Kit

Ref.C

KAOPK3000



Refer to Page. 086

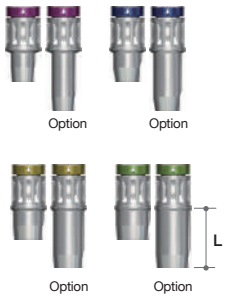
Prosthetic kit Components

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.

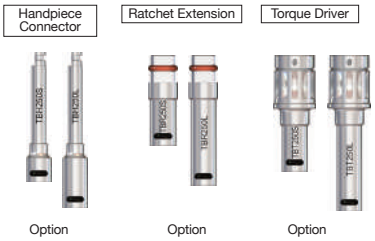
Length(mm)	Ref.C
6	MOD300S
12	MOD300L

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

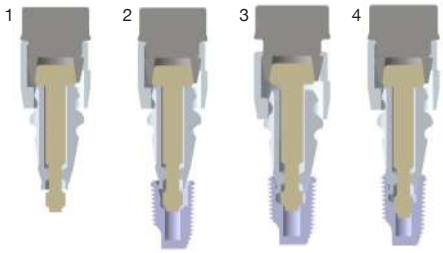
(*) Separate sales item



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



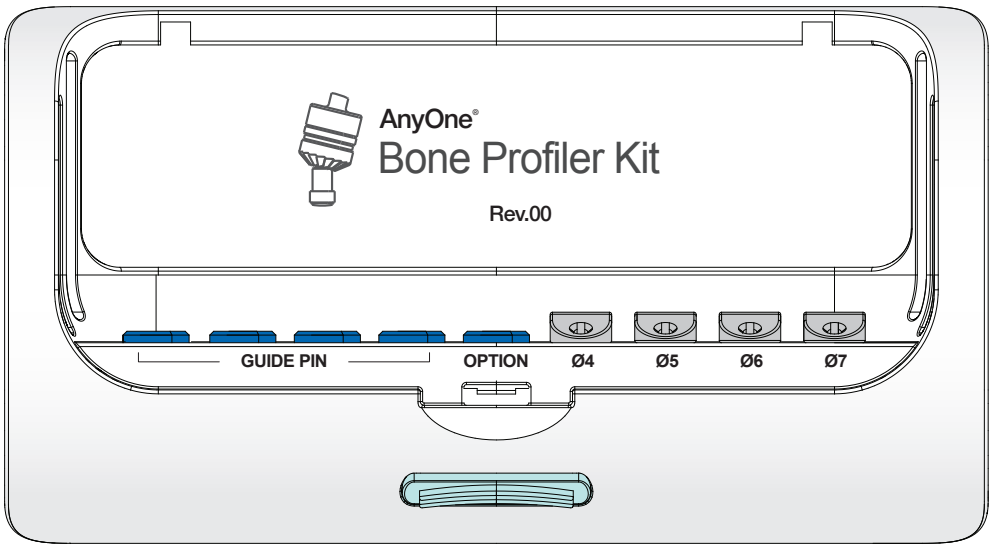
1. Connect Impression Coping and Impression Driver together
2. Adjust Connection with a Fixture by turning a Holder clockwise.
3. Push the Holder and put the Impression Coping into the Fixture.
4. Turn the Driver clockwise to ensure connection of the Impression Coping and Fixture.

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.

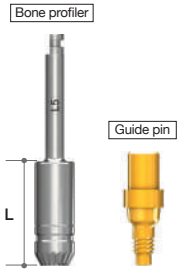


Bone Profiler

- Guide Pin(BPGP2) included.

- Each bone profiler can be purchased separately for refill.
- Each pakage 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

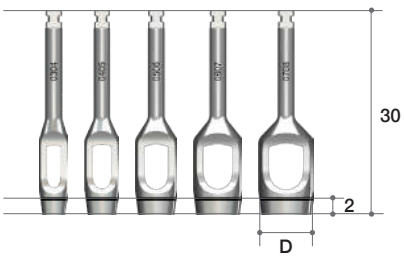
- Useful when the internal screw of the Fixture has been damaged
- For Re-tapping the disabled thread
- It can even more damage the thread when excessive force is applied when Re-tapping. Therefore it is recommended to apply the force slowly and gradually
- M1.6 can be used for AnyOne's External fixtures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

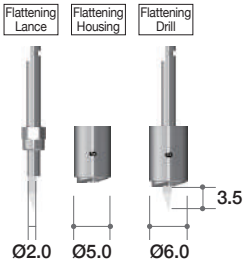
Diameter	Marking	Ref.C
In. Ø3 / Out. Ø4	2mm	TCMTPM0304
In. Ø4 / Out. Ø5		TCMTPM0405
In. Ø5 / Out. Ø6		TCMTPM0506
In. Ø6 / Out. Ø7		TCMTPM0607
In. Ø7 / Out. Ø8		TCMTPM0708



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

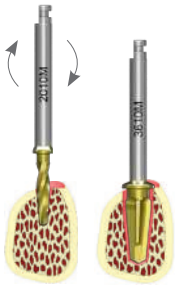
Diameter	Length(mm)	Ref.C
Ø5.0 / Ø2.0	3.5	FD5020
Ø6.0 / Ø2.0		FD6020



1

- 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.)

2



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

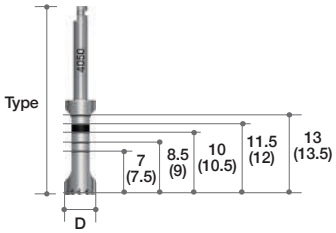
3

- 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)	TANTBE2535
Ø5.0 (in Ø4.0)		TANTBE4050
Ø6.0 (in Ø5.0)		TANTBE5060
Ø7.0 (in Ø6.0)		TANTBE6070

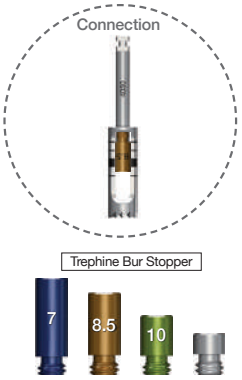


V. Optional components

Trephine Bur Stopper

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

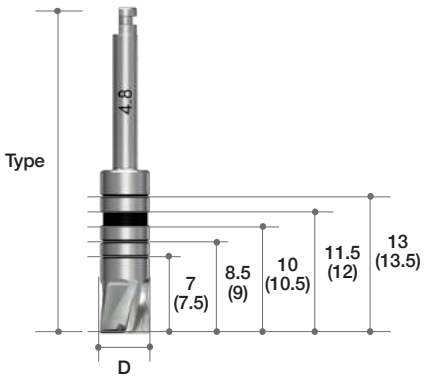
Type	Ref.C
7.0	TANTSF2307
8.5	TANTSF2308
10.0	TANTSF2310
11.5	TANTSF2311



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)

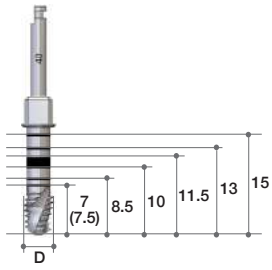
- For the seating & tightening of Multi-unit Abutment (Straight type)

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

Tap Drill

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

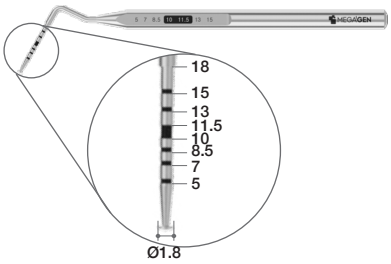
Diameter	Marking	Ref.C
Ø3.9	7.5/ 8.5/ 10/ 11.5/ 13/ 15	TD35
Ø4.3		TD40
Ø4.8		TD45
Ø5.3		TD50
Ø6.3		TD60
Ø7.3		TD70



Depth Gague

- It is used to check the hole depth after drilling

Diameter	Ref.C
Ø1.8	CMDG18

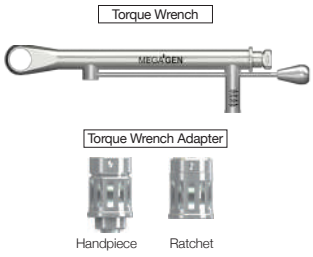


Torque Wrench & Adapter

- 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

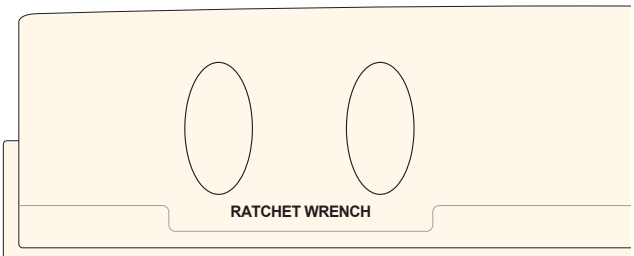
R2 Full Surgical Kit

- 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

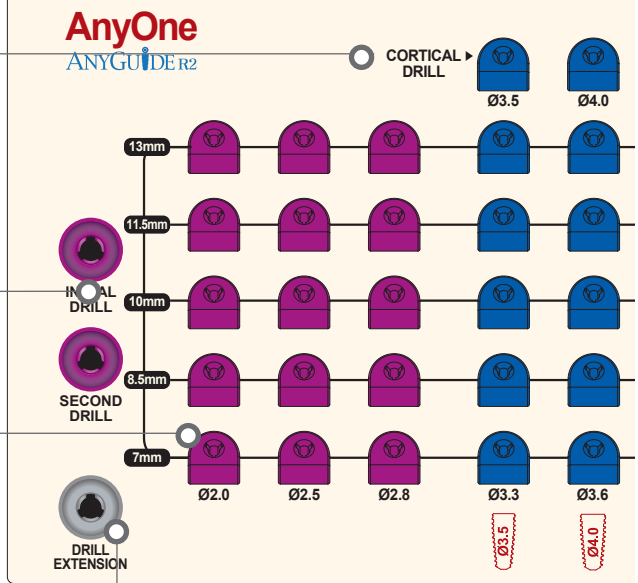
Cortical Bone Drill

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



Initial Drill

Drilling to make the initial drill path



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

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

Bone Profiler

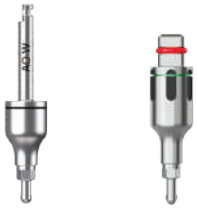
This is used to minimize the interference of the crestal bone when connecting ZrGEN Abutment. [Used before placing the fixture / Recommended RPM 600 ~1000]

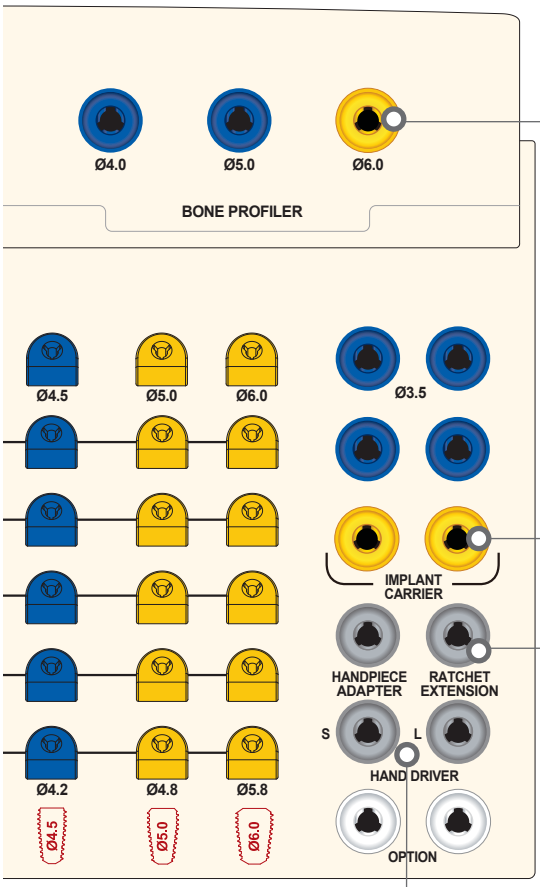
Implant Carrier

: 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

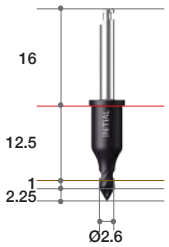
Components for R2 Full Surgical Kit (Continued)

- 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.

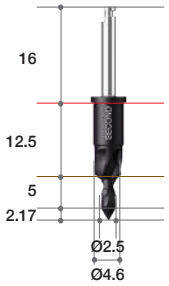
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø2.6	Ø5.0	1.0	R2ID2601



Second Drill

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

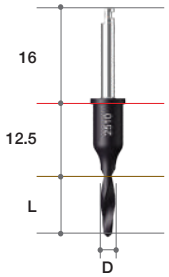
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø2.5	Ø5.0	5.0	R2SD2505



Stopper Drill

- Universal drills consist of Ø2.0, Ø.2.5, 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		6.5	AGSD2507
		8.0	AGSD2508
		9.5	AGSD2510
		11.0	AGSD2511
		12.5	AGSD2513
Ø2.8		6.5	AGSD2807
		8.0	AGSD2808
		9.5	AGSD2810
		11.0	AGSD2811
		12.5	AGSD2813



Bone Profiler

- Recommended drilling speed: 300 ~ 800 RPM

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

Stopper Drill

- Recommended drilling speed is 300 ~ 800 RPM.

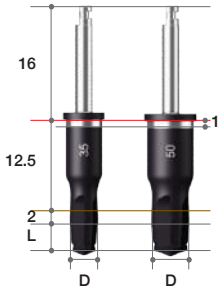
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø3.3	Ø5.0	7.0	AOSD3307
		8.0	AOSD3308
		9.5.0	AOSD3310
		11.0	AOSD3311
		12.5	AOSD3313
Ø3.6		7.0	AOSD3607
		8.0	AOSD3608
		9.5	AOSD3610
		11.0	AOSD3611
		12.5	AOSD3613
Ø4.2		7.0	AOSD4207
		8.0	AOSD4208
		9.5	AOSD4210
		11.0	AOSD4211
		12.5	AOSD4213

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

Cortical Bone Drill

- Recommended drilling speed : 300 ~ 800 RPM

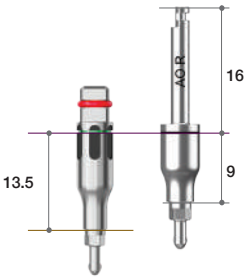
Diameter	Guide Diameter	Length(mm)	Ref.C
Ø3.9	Ø5.0	6.0	AODD39
Ø4.3			AODD43
Ø4.8			AODD48
Ø5.3	Ø6.5	5.5	AODD53
Ø6.3			AODD63



Implant Carrier

- Two different implant carriers for regular stent since Ø3.5 fixture has different abut- ment connection
- To pick up the fixture from the ampule and in- sert it to the ossetomy. Then turn it to clock-wise direction 2~3 times manualy.
- When it gets fixation from the osteotomy, con- nect 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		ICWH2523
	Ø5.0	Handpiece	ICRH2518H
			ICRH2523H
	Ø6.5		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

Components for R2 Full Surgical Kit (Continued)

Drill Extension

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

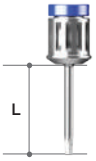
Ref.C
MDE150

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	Ultra-short	*TCMHDU1200
10	Short	TCMHDS1200
15	Long	TCMHDL1200
20	Extra-long	*TCMHDE1200
30	Extra-long	*TCMHDE1230

(*) 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.

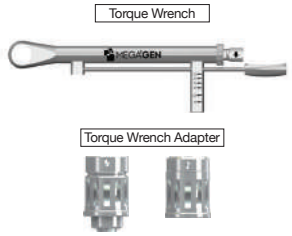
Ref.C
MRW040S

Torque Wrench & Adapter

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

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

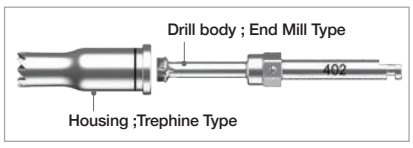
(*) Separate sales item

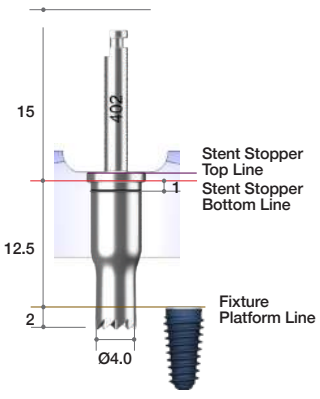


Narrow Crest Drill

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

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





Anchor Kit

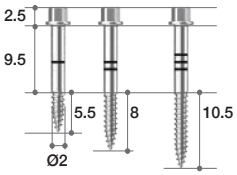
System	Ref.C
AnyOne	KAGAS3001

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

Anchor Pin

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

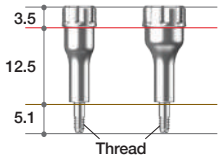
Diameter	Length(mm)	Marking Line	Ref.C
Ø2.0	5.5	1	TCMACP2015
	8.0	2	TCMACP2018
	10.5	3	TCMACP2020



Stent Anchor

- Connect through Hand & Hand Driver

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



Torx Tip

Length(mm)	Ref.C
80	AGTT80

Tip Driver

Ref.C
TD

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

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 moderated 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)

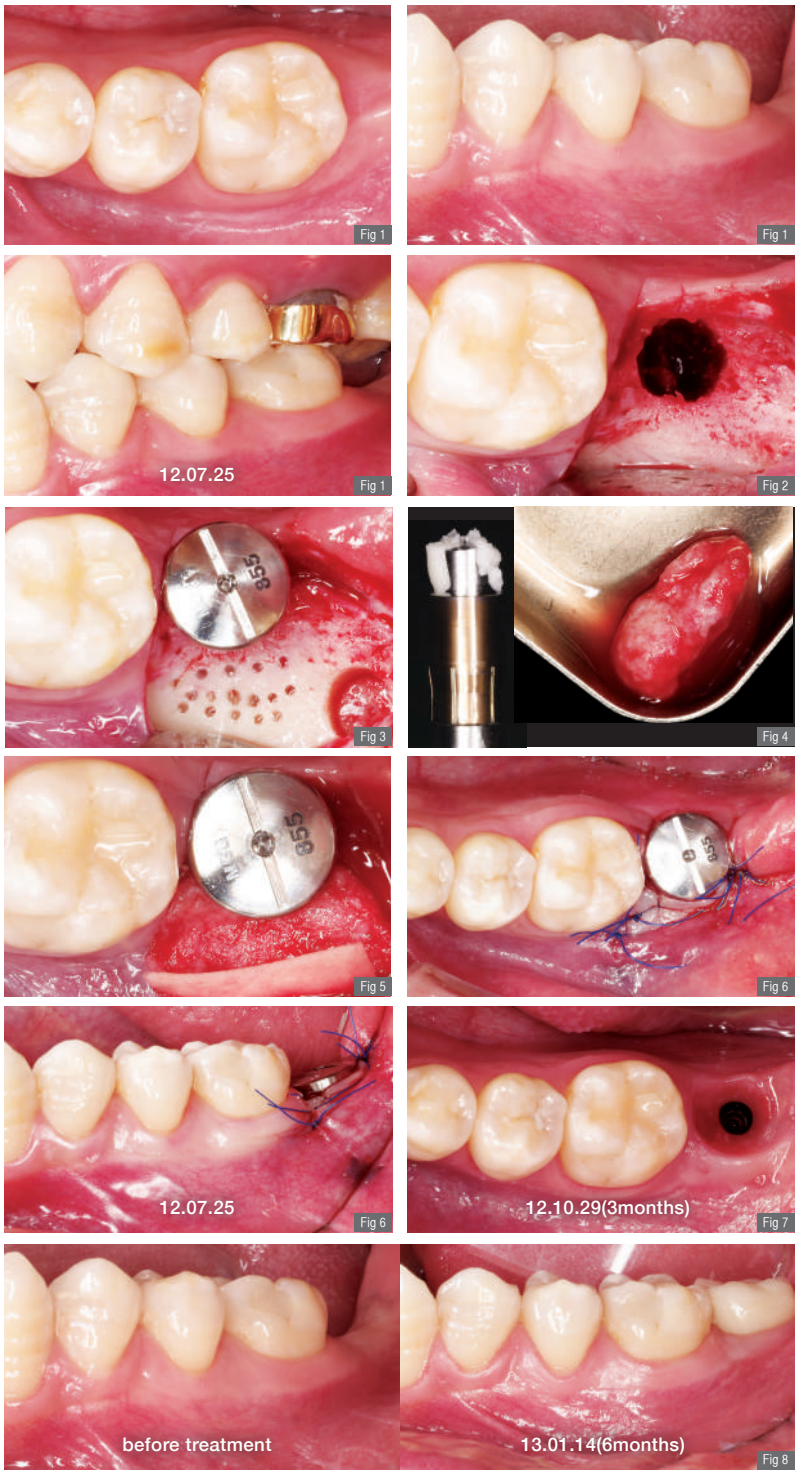
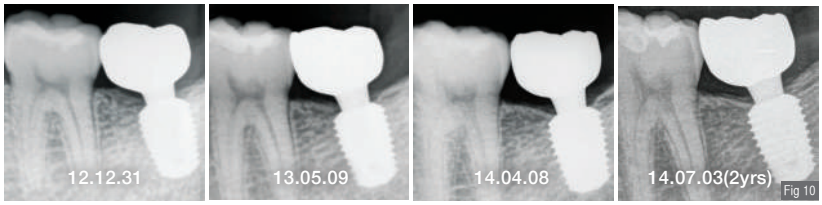


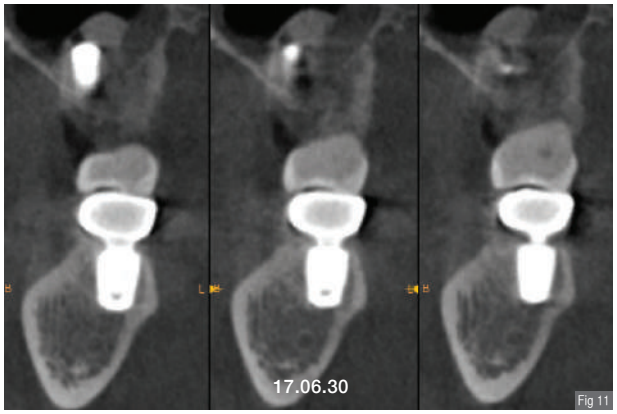
Fig 9. 2 years after surgery. Excellent esthetics and functions were maintained.

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.

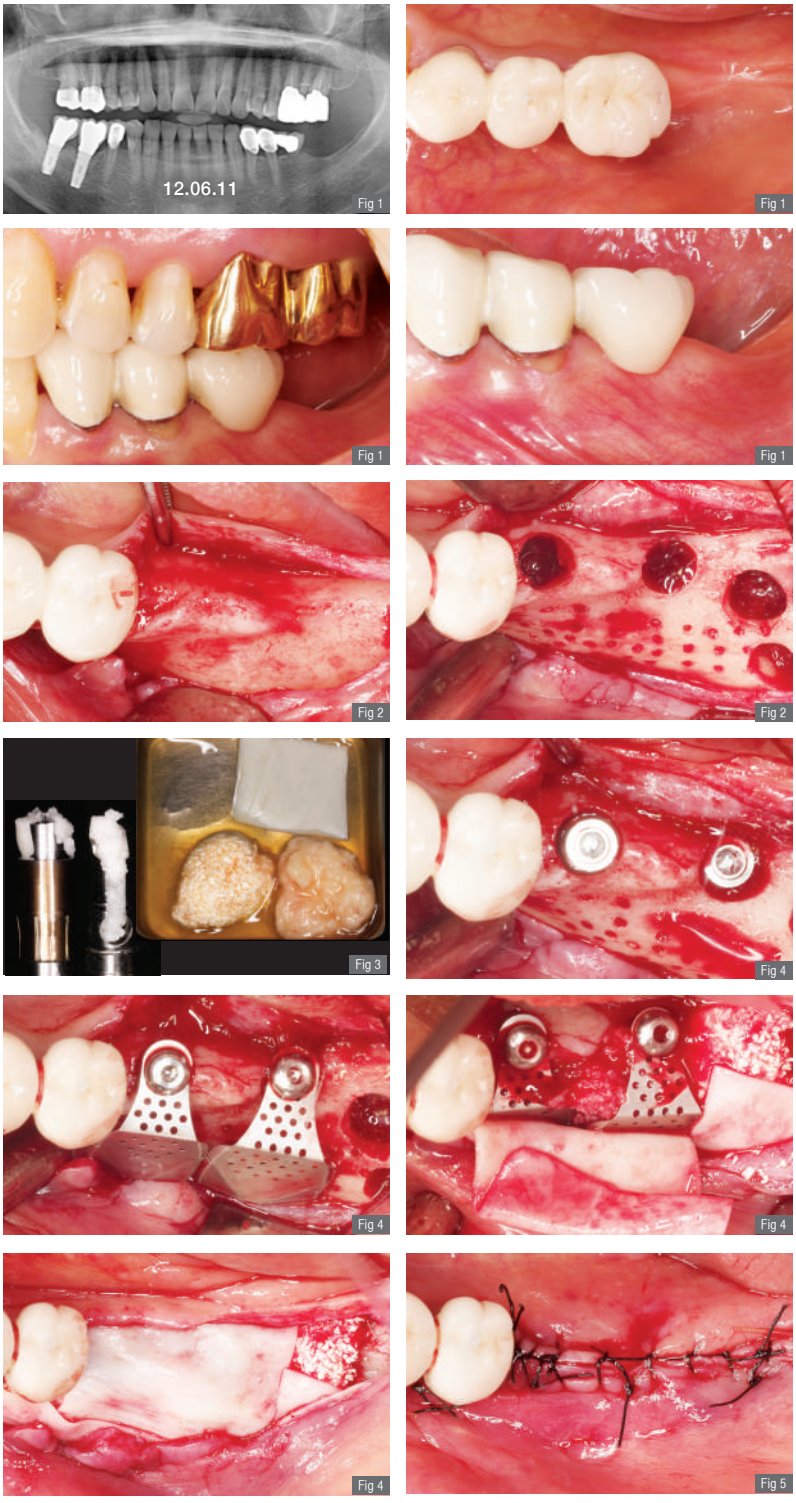


Fig 6. i-Gen membranes were removed after 2 months with simple incision. The regeneration appeared excellently with enough horizontal bone volume.

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.

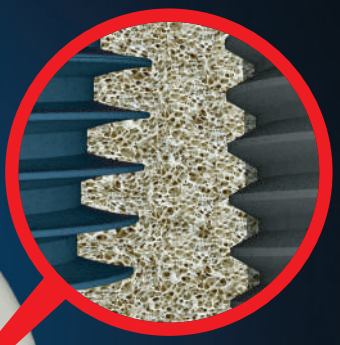
Fig 10. Intraoral radiograph after 11 months.

Fig 11. 5 years 1 month after surgery

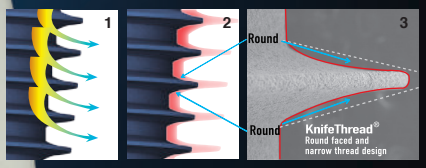
What is the fastest Integration time ?

Ask AnyOne®

High initial fixation!
KnifeThread®

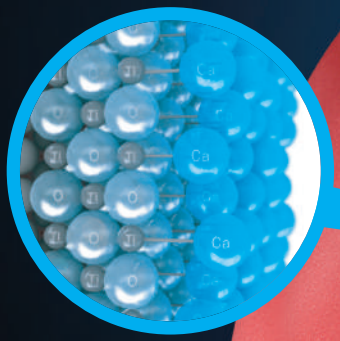


- Securement of initial stability with higher BIC
- Decentralize the stress on Cancellous bone
- Design that increases resistance and minimizes shearing force

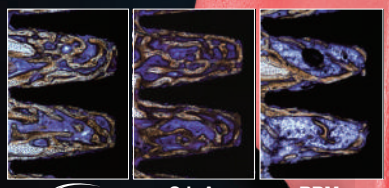


1.Stable dispersion of stress with Buttress Thread shape
2.Easier Insertion with Sharp Thread shape
3.Increase the surface area of the round side compared with the straight side.

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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Rev. 02