

Anyone can enjoy the convenience, the ease of use and excellent results.





# AnyOne®

T.O.P concept based implant system. AnyOne<sup>®</sup> can be enjoyed by anyone... from the beginner to the most experienced implantologists.



Ca<sup>2+</sup> ionsare incorporated onto the SLA surface through a unique hydrothermal treatment. This treated surface activates the osteoblasts in living organisms creating a secure bone matrix layer that is combined with PO43 ions. XPEED provides a fast and secure osteointegration over the entire surface of the fixture.



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### AnyOne's concept is T.O.P

AnyOne<sup>®</sup> implant system was developed to be Tissue friendly, Operator friendly, Patient friendly(T.O.P)...



# issue friendly

- Enhanced surface treatment XPEED<sup>®</sup>
- 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.



# Operator friendly

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



# **Patient friendly**

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

From the novice clinician to the expert, all can appreciate the benefits that AnyOne offers. The ease of implant placement, the initial stability, excellent soft & hard tissue response and overall shorter treatment time are just a few reasons that AnyOne will become your implant of choice. Patients can expect minimally invasive surgery with less pain, shorter healing time, and a more esthetic final restoration.

The AnyOne implant system truly offers a better experience and satisfaction to both the dentist and the patient.



#### Nano bone matrix layer with Ca<sup>2+</sup> incorporated onto the SLA surface. Fast & Strong osteointegration.

#### Greater safety with our dual checking system.

Ca<sup>2+</sup> incorporates onto the fixture surface, creates a CaTiO3 Nano-structure. When this Nano-structure is evenly formed with Ca<sup>2+</sup> ion, it activates the osteoblasts in living organisms.



#### Double checking system for safety!





#### Blue light for safety!

XPEED incorporates Ca<sup>2+</sup> ion on the surface.

This unique surface treatment completely neutralizes and eliminates any acid residue. Due to this neutralization, the XPEED surface color is uniquely blue.

XPEED of the 'Blue Color" is a safe light.

#### Fast & Strong osseointegration

#### BIC & Removal torque result

XPEED demonstrates more BIC and requires greater removal torque than pure RBM or simple SLA surface treatments.



Histological analisys

\* Test result after 4weeks in rabbit

Histological sections of Ti implants with RBM surfaces, Ti implants with SLA surfaces, and Ti implants with XPEED surface within the threads. Direct bone contact can be observed over the entire surface of all XPEED implants.

AnyOne®

# Simplified surgical protocol with predictable initial stability

Advanced drill design allows for easier drilling in any bone density while ensuring initial stability.



Diversed prosthetic options provide convenient solutions

The convenience of a single prosthetic connection for all fixture sizes with an 11 degree internal hex connection.

#### Stress reduction on crestal bone

- Depth of fixture positioning is easier to control due to the straight upper portion of the fixture.
- Crestal bone loss is minimized by reducing stress within the crestal bone.



#### KnifeThread<sup>®</sup> Stress distribution on cancellous bone

- Thanks to Megagen's unique **KnifeThread**<sup>®</sup> and super selftapping design, better initial stability can be attained in any compromised bone situation. The design enables progressive bone condensing, gentle ridge expansion, maximized compressive force resistance and minimized shear force production.



#### Esthetic & Customized prosthesis

AnyOne's cement-retained abutments have a sloped shoulder margin making them ideal for CAD/CAM zirconia prosthetics.



#### Excellent soft tissue response

- All abutment cuffs are treated with ZrN Coating to ensure excellent aesthetics under the tissue.
- The biological S-LINE provides seamless natural-looking and more functional emergence profile.



#### High compressive strength

- Ø4.5 diameter can be used to molar area without a concern for fracturing
- AnyOne fixtures have a wide parallel wall design, making them more resistant to fracture than most of other fixtures.
- AnyOne can be used in most cases, reducing the need for GBR

#### Compressive strength

> Small size

А

В

С

	Company A	Company B	AnyOne <sup>®</sup> Ø3.5
A	0.201	0.341	0,323
В	0.056	0 <u>.</u> 197	0,254
С	0.248	0.324	0.415

> Regular size					
	Company A	Company B	AnyOne <sup>®</sup> Ø4.0		
А	0.296	0.476	0,431		
В	0 <u>.</u> 173	0.321	0.354		
С	0.369	0.466	0.515		



#### Fatigue test



#### AnyOne®

**Fixture** 



AnyOn	e fixtur	e
Diameter(mm)	Length(mm)	Ref. C
	7.0	IF3507C
	8.5	IF3508C
a) E	10.0	IF3510C
Ø3.5	11.5	IF3511C
	13.0	IF3513C
	15.0	IF3515C
	7.0	IF4007C
	8.5	IF4008C
Ø4.0	10.0	IF4010C
Ø4.0	11.5	IF4011C
	13.0	IF4013C
	15.0	IF4015C
	7.0	IF4507C
	8.5	IF4508C
<i></i>	10.0	IF4510C
Ø4.5	11.5	IF4511C
	13.0	IF4513C
	15.0	IF4515C
	7.0	IF5007C
	8.5	IF5008C
ar o	10.0	IF5010C
Ø5.0	11.5	IF5011C
	13.0	IF5013C
	15.0	IF5015C
	7.0	IF6007C
	8.5	IF6008C
Ø6.0	10.0	IF6010C
	11.5	IF6011C
	13.0	IF6013C
	7.0	IF7007C
	8.5	IF7008C
Ø7.0	10.0	IF7010C
	11.5	IF7011C

AnvOne<sup>®</sup> Fixture

#### Special Legnth

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

# **Cover Screw and Healing Abutment**





· Protects the inner portion and platform of the fixture after placing.

• Uses a 1.2mm Hex Driver.



#### Healing Abutment

T ICalling	Abutine	
Diameter(mm)	Height(mm)	Ref. C
	3.0	HA4030
	4.0	HA4040
Ø4.0	5.0	HA4050
	6.0	HA4060
	7.0	HA4070
	3.0	HA4530
	4.0	HA4540
Ø4.5	5.0	HA4550
	6.0	HA4560
	7.0	HA4570
	3.0	HA5530
	4.0	HA5540
Ø5.5	5.0	HA5550
	6.0	HA5560
	7.0	HA5570
	3.0	HA6530
	4.0	HA6540
Ø6.5	5.0	HA6550
	6.0	HA6560
	7.0	HA6570
	4.0	HA7540
Ø7.5	5.0	HA7550
	6.0	HA7560
	4.0	HA8540
Ø8.5	5.0	HA8550
	6.0	HA8560
	4.0	HA9540
Ø9.5	5.0	HA9550
	6.0	HA9560
	<i></i>	

• Creates the emergence profile of the gingival tissue during healing.

• Available in 6.5 diameters and 5.5 cuff heights.

• Uses a 1.2mm Hex Driver.













#### EZ Post (Hex)

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref. C
	1.5		EP4514HT
	2.5		EP4524HT
Ø4.5	3.5		EP4534HT
	4.5		EP4544HT
	5.5		EP4554HT
	1.5	4.0	EP5514HT
	2.5		EP5524HT
Ø5.5	3.5		EP5534HT
	4.5		EP5544HT
	5.5		EP5554HT
	1.5		EP6514HT
	2.5		EP6524HT
Ø6.5	3.5		EP6534HT
	4.5		EP6544HT
	5.5		EP6554HT

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref. C
	1.5		EP4515HT
	2.5		EP4525HT
Ø4.5	3.5		EP4535HT
	4.5		EP4545HT
	5.5		EP4555HT
	1.5	5.5	EP5515HT
	2.5		EP5525HT
Ø5.5	3.5		EP5535HT
	4.5		EP5545HT
	5.5		EP5555HT
	1.5		EP6515HT
	2.5		EP6525HT
Ø6.5	3.5		EP6535HT
	4.5		EP6545HT
	5.5		EP6555HT

- Abutment screw(AS20) included

- · Cement type abutment.
- EZ Post abutment cuffs are treated with a ZrN Coating, to ensure excellent aesthetics under the tissue.
   Biological S–LINE provides a seamless natural–looking and more functional
- emergence profile. Available in two post heights (4mm and 5.5mm),three diameters (4.5mm, 5.5mm & 6.5mm) and five cuff heights (1.5mm, 2.5mm, 3.5mm, 4.5mm & 5.5mm).
  Post height : 4.0, 5.5mm
- Non-hex abuttments do not provide anti-rotation and are contra-indicated for single unit restorations.
- Profile diameter : 4.5, 5.5, 6.5mm
- Cuff height : 1.5, 2.5, 3.5, 4.5, 5.5mm.
- Recommend torque : 35Ncm

#### **Fuse Abutment**

Туре	Dian Labiolingual	neter Mesiodistal	Cuff (mm)	Height (mm)	Ref. C
Straight		Ø5.5		5.5	AOFAP5535P
15°	Ø5.5	Ø4.5	3	7	AOFAA53515P
25°		Ø4.5		7	AOFAA5325P
- Abutment screw(AS20)+Fuse cap included					



# 



#### EZ Post (Non-hex)

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref. C
	1.5		EP4514NT
	2.5		EP4524NT
Ø4.5	3.5		EP4534NT
	4.5		EP4544N
	5.5		EP4554NT
	1.5	4.0	EP5514NT
	2.5		EP5524NT
Ø5.5	3.5		EP5534NT
	4.5		EP5544NT
	5.5		EP5554NT
	1.5		EP6514NT
	2.5		EP6524NT
Ø6.5	3.5		EP6534NT
	4.5		EP6544NT
	5.5		EP6554NT

	Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref. C
		1.5		EP4515NT
		2.5		EP4525NT
	Ø4.5	3.5		EP4535NT
		4.5		EP4545NT
		5.5		EP4555NT
	Ø5.5	1.5	5.5	EP5515NT
		2.5		EP5525NT
		3.5		EP5535NT
		4.5		EP5545NT
		5.5		EP5555NT
		1.5		EP6515NT
		2.5		EP6525NT
	Ø6.5	3.5		EP6535NT
		4.5		EP6545NT
		5.5		EP6555NT

- Abutment screw(AS20) included

· Cement type abutment.

• EZ Post abutment cuffs are treated with a ZrN Coating, to ensure excellent aesthetics under the tissue. Biological S-LINE provides a seamless natural-looking and more functional

emergence profile.

Available in two post heights (4mm and 5.5mm), three diameters (4.5mm, 5.5mm & 6.5mm) and five cuff heights (1.5mm, 2.5mm, 3.5mm, 4.5mm & 5.5mm).

• Post height : 4.0, 5.5mm

- · Non-hex abutments do not provide anti-rotation and are contra-indicated for single unit restorations.
- Profile diameter : 4.5, 5.5, 6.5mm
- Cuff height : 1.5, 2.5, 3.5, 4.5, 5.5mm.
- Recommend torque : 35Ncm



#### **Milling Abutment**

Туре	Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref. C		
	Ø4.0	1.5		MA4015HT		
	Ø4.5	2.0		MA4520HT		
Hex	ØF F	2.0		MA5520HT		
nex	Ø5.5	4.0	9.0	MA5540HT		
	Ø6.5	2.5		MA6525HT		
		4.0		MA6540HT		
	Ø4.0	1.5		MA4015NT		
	Ø4.5	2.0		MA4520NT		
Non-boy	Non-hex Ø5.5 Ø6.5	2.0		MA5520NT		
NUN-nex		4.0		MA5540NT		
		2.5		MA6525NT		
		4.0		MA6540NT		
- Abutment screw(AS20) included						

Used for custom milling the abutment design.
 Milling abutmentsare treated with a ZrN Coating, to ensure excellent aesthetics under the tissue.

Available in both hex and non-hex, in four diameters
 (4.0mm, 4.5mm, 5.5mm & 6.5mm) and in various cuff heights .

Recommend torque : 35Ncm

#### **Angled Abutment**

Туре	Profile Diameter	Cuff Height (mm)	Post Height (mm)	Angle	Ref. C
		2.5		15°	AA4215HT
	Ø4.5	2.5		25°	AA4225HT
	Ø4.5	4.5		15°	AA4415HT
Hex		4.0		25°	AA4425HT
пех		2.5		15°	AA5215HT
	Ø5.5			25°	AA5225HT
		4.5		15°	AA5415HT
				25°	AA5425HT
	Ø4.5	2.5	7.0	15°	AA4215NT
				25°	AA4225NT
		4.5		15°	AA4415NT
Non-				25°	AA4425NT
hex		2.5		15°	AA5215NT
	Ø5.5	2.0	_	25°	AA5225NT
	90.0	4.5		15°	AA5415NT
		4.5		25°	AA5425NT

2 different angulations(15°, 25°)

- Available in two diameters (4.5mm & 5.5mm) and in two cuff heights (2.5mm & 4.5mm). • Angled abutment cuffs are treated with a ZrN coating, to ensure excellent aesthetics under the tissue.

· Minimized screw head height helps to prevent milling problems.

• Profile diameters : 4.5 / 5.5mm

- Cuff height : 2.5 / 4.5mm
- Recommend torque : 35Ncm





#### **Gold Abutment**

Туре	Profile Diameter	Cuff Height(mm)	Post Height(mm)	
Hex	Ø4.5	1.0	11.0	GA4515HT
Non-hex	04.0	1.0	11.0	GA4515NT
- Abutment screw(AS20) included				

Abutment screw(AS20) included

- For fabrication of custom abutment for either screw or cement retained restorations. available in both hex (red) and non-hex (white)
- Melting point of gold alloy : 1400~1450°C

Threaded sleeves allow for better retention of resin or wax.

• Recommend torque : 30Ncm

#### CCM Abutment

Туре	Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref. C	
Hex	Ø4.5	1.0	11.0	CA4515HT	
Non-hex	04.5	1.0	11.0	CA4515NT	
- Abutment screw(AS20) included					

- Abutment screw(AS20) included

Threaded sleeves allow for better retention of resin or wax.
 Available in both hex (purple) and non-hex (yellow).

Recommend torque : 30Ncm

#### Temporary Abutment(Titanium)

Туре	Profile Diameter	Height(mm)	Ref. C	
Hex	Ø4 5	11.0	TA4511HT	
Non-hex	04.0	11.0	TA4511NT	
· · · · · · · · · · · · · · · · · · ·				1

Abutment screw(AS20) includedFor making provisional restoration.

Available in both hex and non-hex.

• Grooved surface on abutment post allows for better retention of resin or wax.



#### Temporary Abutment(POM)

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

- Abutment screw(AS20) included

 For making chairside provisionalsfor theaesthetic zone. Especially useful for extraction and immediate placement cases.

- Available in both hex and non-hex.

#### Lab Analog

-		-		_
	Туре	Color	Ref. C	
	Small	Magenta	LA350H	
	Regular & Wide	Blue	LA400H	

• Replicates the fixture. blue analog for all fixture sizes except Ø3.5mm.

Small magenta analog for Ø3.5 fixture



#### Impression Driver

Туре	Ref. C
Short	TCMID
*Long	TCMIDE

For seating the impression coping screw for Closed tray / Transfer type

• Impression Driver seats the impression coping screw with a friction fit and only requires finger pressure to tighten.

\* Separate sale item

#### Impression Coping (Transfer type)

Туре	Profile Diameter	Height (mm)	Ref. C	Ref. C (1.2 Hex driver)
	Ø4.0	12.0	IT4012HT	IT4012HHT
	Ø4.0	16.0	IT4016HT	IT4016HHT
	Ø4.5	12.0	IT4512HT	IT4512HHT
2 piece	Ø4.J	16.0	IT4516HT	IT4516HHT
·	Ø5.5	12.0	IT5512HT	IT5512HHT
	Ø0.0	16.0	IT5516HT	IT5516HHT
	Ø6.5	12.0	IT6512HT	IT6512HHT
		16.0	IT6516HT	IT6516HHT
	Ø4.0	12.0	IT4012N	IT4012NH
		16.0	IT4016N	IT4016NH
	Ø4.5	12.0	IT4512N	IT4512NH
1 piece		16.0	IT4516N	IT4516NH
r piece	Ø5.5	12.0	IT5512N	IT5512NH
	ØJ.J	16.0	IT5516N	IT5516NH
	Ø6.5	12.0	IT6512N	IT6512NH
	00.0	16.0	IT6516N	IT6516NH

Diameters correspond to healing abutment diameters. Available in one piece (non-hex) or two piece (hex) and two heights.
Used for Closed Tray (Transfer) impression 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 Driver should be used to ensure Impression Coping is properly tightened.

### Impression Coping (Pick-up type)

Profile Diameter	Height(mm)	Ref.C
Ø10	12.0	IP4012HT
Ø4.0	16.0	IP4016HT
Ø1 F	7.0	IP4507HT
Ø4.0	12.0	IP4512HT
Ø E E	7.0	IP5507HT
Ø 0.0	12.0	IP5512HT
Ø G G	7.0	IP6507HT
Ø0.J	12.0	IP6512HT
Ø4.0	12.0	IP4012NT
Ø4.0	16.0	IP4016NT
01 E	7.0	IP4507NT
Ø4.0	12.0	IP4512NT
ØF F	7.0	IP5507NT
Ø0.0	12.0	IP5512NT
Ø6 5	7.0	IP6507NT
Ø0.5	12.0	IP6512NT
	Ø4.0 Ø4.5 Ø5.5 Ø6.5 Ø4.0 Ø4.5 Ø5.5 Ø6.5	

Used for open tray impression 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.



# **Solid level prosthesis**

AnyOne<sup>®</sup>





#### Solid Abutment

Profile diameter	Cuff height(mm)	Post height(mm)	Ref. C		
	1.5		SL40154		
	2.5		SL40254		
	3.5	4.0	SL40354		
	4.5		SL40454		
Ø4.0	5.5		SL40554		
Ø4.0	1.5		SL40155		
	2.5		SL40255		
	3.5	5.5	SL40355		
	4.5		SL40455		
	5.5		SL40555		
	1.5	4.0	SL45154		
	2.5		SL45254		
	3.5		SL45354		
	4.5		SL45454		
	5.5		SL45554		
	1.5		SL45155		
	2.5		SL45255		
Ø4.5	3.5	5.5	SL45355		
	4.5		SL45455		
	5.5		SL45555		
	1.5		SL45157		
	2.5		SL45257		
	3.5	7.0	SL45357		
	4.5		SL45457		
	5.5		SL45557		
Cement type prosthetics only.					

Solid abutment should be placed into patient's mouth before taking

impression.Should be tightened with Solid driver and Hand Driver ; 35Ncm.

• Profile diameter : 4.0 / 4.5 / 5.5 / 6.5mm

• Cuff hieght : 1.5 / 2.5 / 3.5 / 4.5 / 5.5mm

• Post height : 4.0 / 5.5 / 7.0mm

# Solid level prosthesis



#### Solid Abutment

Profile Diameter	Cuff Height(mm)	Post Height(mm)	Ref. C
	1.5		SL55154
	2.5		SL55254
	3.5	4.0	SL55354
	4.5		SL55454
Ø5.5	5.5		SL55554
00.0	1.5		SL55155
	2.5		SL55255
	3.5	5.5	SL55355
	4.5		SL55455
	5.5		SL55555
	1.5	4.0	SL65154
	2.5		SL65254
	3.5		SL65354
	4.5		SL65454
Ø6.5	5.5		SL65554
00.5	1.5		SL65155
	2.5		SL65255
	3.5	5.5	SL65355
	4.5		SL65455
	5.5		SL65555

· Cement type prosthetics only.

Solid abutment should be placed into patient's mouth before taking impression.

- Should be tightened with Solid driver and Hand Driver ; 35Ncm.
- Profile diameter : 4.0 / 4.5 / 5.5 / 6.5mm
- Cuff hieght : 1.5 / 2.5 / 3.5 / 4.5 / 5.5mm
- Post height : 4.0 / 5.5 / 7.0mm



Profile Diameter	Conical Height(mm)	Ref. C
Ø4.0	4.0	CC4040
Ø4.0	5.5	CC4055
	4.0	CC4540
Ø4.5	5.5	CC4555
	7.0	CC4570
Ø5.5	4.0	CC5540
00.0	5.5	CC5555
Ø6.5	4.0	CC6540
Ø6.5	5.5	CC6555

Protects a solid Abutment and minimizes irritation to tongue and oral mucosa.

• Easily make a temporary crown by resin build up.

• Color coded according to post heights. [Yellow : PH 4.0mm, White : PH 5.5mm, Pink : PH 7.0mm]







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#### Snap Impression Coping

Profile Diameter	Conical Height(mm)	Ref. C
Ø4.0	4.0	SIC4040
04.0	5.5	SIC4055
	4.0	SIC4540
Ø4.5	5.5	SIC4555
	7.0	SIC4570
Ø5.5	4.0	SIC5540
00.0	5.5	SIC5555
Ø6.5	4.0	SIC6540
	5.5	SIC6555

• Used for precise impression coping.

 Color coded for 3 different post heights. [4mm(yellow), 5.5mm(White), 7.0mm(Pink)]

Do not use if Solid Abutment has been modified.

#### Lab Analog

Profile Diameter	Height(mm)	Ref. C
<i>a</i> 40	4.0	LA4040P
Ø4.0	5.5	LA4055P
Ø4.5	4.0	LA4540P
	5.5	LA4555P
	7.0	LA4570P
Ø5.5	4.0	LA5540P
	5.5	LA5555P
Ø6.5	4.0	LA6540P
	5.5	LA6555P

• Solid abutment level lab analogs.

• Used only if Solid Abutment was not modified.

#### Burn-out Cylinder

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

• Precise fit with Solid Abutment, EZ Post, analog의 post.

• Easy to wax up providing accurate margins and clean burnout.

• Available in both hex (red) and non-hex (white).

# **Octa level prosthesis**





Profile Diameter(mm)	Cuff Height(mm)	Ref. C	
	1.5	OA4015	
	2.5	OA4025	
Ø3.8	3.5	OA4035	
	4.5	OA4045	
	5.5	OA4055	
	1.5	OA5015	
	2.5	OA5025	
Ø4.8	3.5	OA5035	
	4.5	OA5045	
	5.5	OA5055	
	1.5	OA6015	
	2.5	OA6025	
Ø5.8	3.5	OA6035	
	4.5	OA6045	
	5.5	OA6055	
Compatible with AnyRidge, EZ Plus and ExFeel interna			

#### Octa Abutment

al sytem.

· Used to make multiple screw-retained prosthetics.

· Compatible with Strauman's Octa Abutment system.

• Recommend torque : 35Ncm

• Maximum path angle : 70 °

#### Healing Cap & Octa Cylinder Cap

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

· Protects Octa Abutment and minimizes irritation to tongue and oral mucosa.

#### Octa Impression Coping(Transfer)

			<u> </u>
Туре	Profile Height(mm)	Height (mm)	Ref. C
Octa		7.5	AAOITO4010T
Non-octa	Ø10	1.5	AAOITN4010T
Octa	Ø4.0	9.5	AAOITO4012T
Non-octa		9.0	AAOITN4012T
Octa	Ø5.0	7.5	AAOITO5010T
Non-octa		7.0	AAOITN5010T
Octa		9.5	AAOITO5012T
Non-octa		9.0	AAOITN5012T
Octa		7.5	AAOITO6010T
Non-octa	ØC D	7.5	AAOITN6010T
Octa	Ø6.0	9.5	AAOITO6012T
Non-octa		9.0	AAOITN6012T





# **Octa level prosthesis**











### Impression Coping(Pick-up)

Туре	Profile Diameter(mm)	Height (mm)	Ref. C
Octa		10.0	AAOIPO4010T
Non-octa	Ø10	10.0	AAOIPN4010T
Octa	Ø4.0	12.0	AAOIPO4012T
Non-octa		12.0	AAOIPN4012T
Octa	Ø5.0	10.0	AAOIPO5010T
Non-octa		10.0	AAOIPN5010T
Octa		12.0	AAOIPO5012T
Non-octa		12.0	AAOIPN5012T
Octa		10.0	AAOIPO6010T
Non-octa	<i>a</i>	10.0	AAOIPN6010T
Octa	Ø6.0	12.0	AAOIPO6012T
Non-octa		12.0	AAOIPN6012T

#### Lab Analog

Profile diameter(mm)	Ref. C	
Ø3.8	AANOLA4000	
Ø4.8	IOA300	
Ø5.8	AANOLA6000	

#### Temporary Cylinder

Туре	Profile diameter(mm)	Ref. C
Octa	Ø4 0	AANOTCO4010T
Non-octa	Ø4.0	AANOTCN4010T
Octa	Ø5 0	AANOTCO5010T
Non-octa	Ø <u>0</u> .0	AANOTCN5010T
Octa	Ø6.0	AANOTCO6010T
Non-octa	Ø0.0	AANOTCN6010T

#### EZ Post Cylinder(Octa)

Туре	Profile diameter(mm)	Post Height	Ref. C
Octa		5.5	AAOECO4005T
Ocia	Ø4.0	7.0	AAOECO4007T
Non-octa	Ø4.0	5.5	AAOECN4005T
INUIT-OCIA		7.0	AAOECN4007T
Octa		5.5	AAOECO5005T
Ocia	ØE 0	7.0	AAOECO5007T
Non-octa	Ø5.0	5.5	AAOECN5005T
NUIT OCIA		7.0	AAOECN5007T
Octa		5.5	AAOECO6005T
Ocia	Ø6.0	7.0	AAOECO6007T
Non-octa	0.0 و	5.5	AAOECN6005T
NUN-OCIA		7.0	AAOECN6007T

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#### Gold Cylinder

Туре	Profile diameter(mm)	Ref. C
Octa	Ø4 0	AANGCO4000T
Non-octa	04.0	AANGCN4000T
Octa	Ø5 0	IOGO100T
Non-octa	05.0	IOGN100T
Octa	Ø6.0	AANGCO6000T
Non-octa	v0.0	AANGCN6000T

- Cylinder screw(IRCS200) included

- For customizing abutment for screw retained multi-unit restoration.
   Available in both hex(red) and non-hex(white)
- Melting point of gold alloy : 1400~1450°C
- Threaded sleeves allow for better retention of resin or wax.
- Available in three diameters (4.0mm, 5.0mm & 6.0mm).
- Recommend torque : 30Ncm

#### CCM Cylinder

Туре	Profile Diameter(mm)	Ref. C
Octa	Ø4 0	AANCCO4000T
Non-octa	04.0	AANCCN4000T
Octa	Ø5 0	AANCCO5000T
Non-octa	05.0	AANCCN5000T
Octa	Ø6 0	AANCCO6000T
Non-octa	0.0	AANCCN6000T

- Cylinder screw(IRCS200) included

• Threaded sleeves allow for better retention of resin or wax. Available in both hex (purple) and non-hex (yellow) and three diameters (4.0mm, 5.0mm & 6.0mm).

Recommend torque : 30Ncm



Ø6 0

#### **Plastic Cylinder**

Туре	Profile diameter(mm)	Ref. C
Octa	Ø4.0	AAOTCO4010T
Non-octa		AAOTCN4010T
Octa	ø5.0	IOPH100T
Non-octa		IOPN100T
Octa	Ø6.0	AAOTCO6010T
Non-octa	0.0	AAOTCN6010T
- Cylinder screw(IRCS200) 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.

# **Multi-unit level prosthesis**





#### Muti-unit Angled Abutment (Angle of 29°)

Ref.C
MU50429HT
MU50529HT
MU50629HT
MU50429NT
MU50529NT
MU50629NT

- Abutment screw(AS20) included



#### Muti-unit Abutment (Straight)

Cuff height (mm)	Ref.C
1.5	MU5015HT
2.5	MU5025HT
3.5	MU5035HT
4.5	MU5045HT
5.5	MU5055HT
1.5	MU5015NT
2.5	MU5025NT
3.5	MU5035NT
4.5	MU5045NT
5.5	MU5055NT

- Muti-unit abutment screw included



Healing Cap	
Profile Diameter (mm)	Ref.C
5.0	REC600

# **Multi-unit level prosthesis**



# Impression Coping Transfer Type

· · ·	
Profile Diameter (mm)	Ref.C
4.8	RITE480

#### Pick-up Type

Height (mm)	Ref.C
9.4	RIEH480T
9.4	RIEN480T
- Guide Pin (RICG150) included.	i



Profile Diameter (mm)	Ref.C
4.8	RELA300



#### **Temporary Cylinder**

Profile Diameter (mm)	Ref.C
4.8	ETH100T
4.8	ETN100T
- Cylinder screw (TASH140) inclu	ded.

#### EZ Post Cylinder

Profile Diameter (mm)	Ref.C
5.0	RCA900T
5.0	RCA800T
- Cylinder screw (TASH140) include	d

nder screw (TASH140) included



#### Gold Cylinder

Profile diameter(mm)	Sleeve color version	Ref. C
4.8	Red	REGC200T
4.8	White	REGC100T
- Cylinder screw (TASI	, H140) included.	



#### CCM Cylinder

Profile diameter(mm)	Sleeve color version	Ref. C	
4.8	Pink	RCA5013HT	
4.8	Yellow	RCA5013NT	
- Cylinder screw (TASH	- 		

Cylinder screw (TASH140) included.



#### Plastic Cylinder

Sleeve color version	Ref. C
Red	RPEH100T
White	RPEN100T
	color version Red

Cylinder screw (TASH140) included.

### Flat abutment level prosthesis



Flat Abutment

Cuff height (mm)	Ref.C
1.5	FA3515
2.5	FA3525
3.5	FA3535



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#### Flat Cover Screw

Profile Diameter (mm)	Ref.C
3.5	FCS3510

# 

#### Flat Healing Cap

Height (mm)	Ref.C
1.0	FHA402
2.0	FHA403
3.0	FHA404



### Flat Impression Coping

Height (mm)	Ref.C
9.5	FTT4012T
12.0	FTP4012T
- Guide pin (FGPP15) included.	



# **Flat abutment level prosthesis**



#### Flat Lab Analog

Height (mm)	Ref.C
12.0	FLA3512



#### Flat Temporary Cylinder

Profile Diameter (mm)	Ref.C	
4.0	FTC4010T	
- Elat cylinder screw (EAS) included.		



### Flat EZ Post Cylinder

Height (mm)	Ref.C
5.5	FEC4005T
7.0	FEC4007T
- Flat cylinder screw (FAS) included.	'



### Flat Gold Cylinder

Profile Diameter (mm)	Ref.C
3.8	FGC4010T
- Flat cylinder screw (FAS) include	d.



#### Flat CCM Cylinder

Profile Diameter (mm)	Ref.C	
3.8	FCC4010T	
- Flat cylinder screw (FAS) included.		



# Flat Plastic Cylinder Profile Diameter (mm) Ref.C

	1101.0
4.0	FPC4010T
Flat cylinder screw (FAS) include	d.

# **Overdenture level prosthesis**



# **Meg-Rhein**

#### Meg-Rhein

Cuff height (mm)	Ref.C
0	DR00
1.5	DR15
3.5	DR35
5.5	DR55

• Perfect compatibility with the Rhein83 from Italy.

• Recommend torque ; 35Ncm.



#### Plastic Impression Coping (Individual tray) Ref. C



• For fast and Easy (transfer type) impression.

• Plastic with groove design to prevent from swaying.



#### Stainless Impression Coping (Pick up)



044CAII

For accurate (pick-up type) impression.

Metal with groove design to prevent from swaying.







(III) (III) (III)

#### **Retentive Set**

Comment	Color	Ref.C
Package	_	192ECD
KIT CONTAINS: • 1 Stainless steel	housings.	

• 1 Processing cap

• 2 Retentive caps (1 extra-soft, 1 soft)

#### Retentive Cap(Refill)

Retentive force	Color	Ref.C
-	Sliver	141CAE
1.2kg	Pink	140CER
0.6kg	Yellow	140CEG
No	Black	140CEN

Italy – Rhein83 products.

Black No retentive force / Yellow Extra Soft / Pink Soft

Protective disk is available for sales.
Stronger retentive cap (2.7kg / violet) and standard retentive cap (1.8kg / White) is available for separate purchase.
Each part of retentive cap is available for separate purchase.











# Design concept of Fuse Abutment<sup>TM</sup>



# Rationale of Fuse Abutment<sup>TM</sup>

In 1992, Brunski JB. reported that an implant may have higher possibility of fibrous-intergration than osseo-integration between bone and implant surface when movements more than 100um occurs on the fixture during osseointegration period. (John B. Brunski, Biomechanical factors affecting the bone-dental implant interface. Clinical Materials, Vol. 10, 153–201) Therefore, the implant is needed to be protected not to move when immediate loading is carried out. However, it is not easy to manage loading on the fixture, even when we use a resin temporary with a titanium cylinder.

It was thought that it's partly because of the metal component of temporary cylinder, which can deliver excessive forces to the fixture. This is one of the reasons which make clinicians hesitate the immediate loading procedure. So it is necessary to develop a special temporary cylinder. It should be broken under the force which can lead fibrointegration or failure of osseointegration to protect the fixture, and it will be preferred if it is easy to make a temporary crown on this particular temporary cylinder.

We tried to measure the force causing movement of 100 µm on a fixture which was placed securely into adequate density of bone without defect.

First, AnyRidge implants were placed into the internationally recognized standard bone block with more 40Ncm torque force and an abutment was connected on each implant. Instron was used to measure the force to move a fixture 100 µm. The average force was 220N (22,4 kgf). Therefore, If the new temporary abutment can be fractured under this force, it may protect the fixture from movement or failure.





Aburnenro



From this experiment, we could developed a special temporary abutment which has lower fracture threshold of less than 200 N (20.4 kgf). It was named as Fuse Abutment. Also it has an anatomic profiles to make temporary prosthetics more esthetic.

# **Surgical drilling sequence**

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



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



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



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



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



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

# Actual drill length





# Surgical Kit layout (KAOIN3003)



# O 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.



Shaping Drill markings are 0.5mm longer that the fixture so fixtures will automatically be placed 0.5mm subcrestally if the drilling protocol is followed

	Ø5.0			9,5	imm 방 concept imm		
				0.8	ture length 39mm ength		
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

% If placing a Ø 5.0 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)



# **Q** Handpiece & Ratchet connector



# **Surgical Instruments**





#### Initial Drill

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

Used to pierce the cortical bone initially, side cutting feature allows for changing the angle of the initial osteotomy if needed.
Advisable to go into the bone to the full length of a fixture.

\* Separate sale item.

### **Shaping Drill**

Diameter	Length(mm)	Ref. C	
	33	SD2018S	
Ø2.0	38	SD2018M	
	43	SD2018L	
	33	SD2518S	
Ø2.5	38	SD2518M	
	43	SD2518L	
	33	SD2818S	
Ø2.8	38	SD2818M	
	43	SD2818L	
	33	SD3318S	
Ø3.3	38	SD3318M	
	43	SD3318L	
	33	SD3618S	
Ø3.6	38	SD3618M	
	43	SD3618L	
	33	SD4218S	
Ø4.2	38	SD4218M	
	43	SD4218L	
	33	SD4818S	
Ø4.8	38	SD4818M	
	43	SD4818L	
	33	SD5818S	
Ø5.8	38	SD5818M	
	43	SD5818L	
	33	SD6918S	
Ø6.9	38	SD6918M	
	43	SD6918L	
• Each drill has depth marking lines from 7.0mm to 15.0			

• 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.
AITiN coating on drills : Enhanced corrosion resistance and abrasion resistance.

#### **Dense Drill**

Diameter	Туре	Ref. C	
Ø3.9	Long	DD39	
Ø4.3		DD43	
Ø4.8		DD48	
Ø5.3		DD53	
Ø6.3		DD63	
Ø7.3		DD73	
Ilasalis vanasis.	أعتدهم مصمام المسا	l bown to contural	

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

# Stopper Drill Kit (KAOSS3000)



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NUCE (1998)	3204	Notes 1	and the
NUCK NOT	T NOT	H HUSE	NUM N
AZUTA P.	AZCEN -	42104	111125

Stopper Drill

Diameter	Length(mm)	Ref. C
Diameter	2 Tengun(mm)	
	8.5	SD2007M SD2008M
Ø2.0	0.0 10	
		SD2010M
	11.5	SD2011M
	7	SD2807M
Ø2.8	8.5	SD2808M
	10	SD2810M
	11.5	SD2811M
	7	SD3307M
Ø3.3	8.5	SD3308M
	10	SD3310M
	11.5	SD3311M
	7	SD3607M
Ø3.6	8.5	SD3608M
00.0	10	SD3610M
	11.5	SD3611M
	7	SD4207M
Ø4.2	8.5	SD4208M
	10	SD4210M
	11.5	SD4211M
	7	SD4807M
<b>G</b> 4 0	8.5	SD4808M
Ø4.8	10	SD4810M
	11.5	SD4811M
	7	SD5807M
*05.0	8.5	SD5808M
*Ø5.8	10	SD5810M
	11.5	SD5811M
	7	SD6907M
+	8.5	SD6908M
*Ø6.9	10	SD6910M
	11.5	SD6911M

\* Separate sale item.

AnyOne internal system

### **Surgical Instruments**



#### Handpiece Connector

	System	Туре	Ref. C
A		*Ultra-short	HCU25
	AnyOne	Short	HCS25
		Long	HCL25
	MINI	Short	HCS17
	MINI	Long	HCL17

• 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.

Marks on the shaft indicate the position of the fixture platform. 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.

\* Separate sale item.



#### **Ratchet Connector**

System	Туре	Ref. C	
	*Ultra-short	RCU25	
AnyOne	Short	RCS25	
	Long	RCL25	
MINI	Short	RCS17	
	Long	RCL17	

• 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. \* Separate sale item.

#### Hand Driver(1.2 Hex)

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

• Used for all fixture cover screws, all abutment screws and all Healing Abutments. features a non-slip head.

- Available in 4 lengths for added convenience.
- · Hand Driver can be directly inserted into the to Torque Wrench without using an adapter.

• Hex tip can with stand 35-45Ncm of torque without distorting.

\* Separate sale item.



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



#### **Direction Indicator**



additional osteotomies.

• Each end of the Direction Indicator has a different diameter - 2.0mm and 2.8mm.



#### Path Finder

Length(mm)	Ref. C	ļ
15	PF	
After the fixture in	placed a Dath Eindo	

- 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.





- MRW040S
- · Used to exert more force than thehandpiece.
- No bearing system : No breakage and no corrosion problems.
- Arrow laser marking indicates direction of force.

# **Surgical Instruments**



#### **Trephine Bur**

Diameter	Туре	Ref. C
Ø2.5, Ø3.5	Short *Long	TANTBL2535
Ø4.0, Ø5.0		TANTBL4050
Ø5.0, Ø6.0		TANTBL5060
Ø6.0, Ø7.0		TANTBL6070
Ø2.5, Ø3.5		TANTBE2535
Ø4.0, Ø5.0		TANTBE4050
Ø5.0, Ø6.0		TANTBE5060
Ø6.0, Ø7.0		TANTBE6070

• 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, 85, 10, 11.5, 13mm - The 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.

\* Separate sale item.

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#### MEGAGEN 17 Handpiece Bato

#### Torque Wrench & Adapter

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

• Torque Wrench has torque options from 15Ncm to 45Ncm and is used for final tightening of the abutment screw into the fixture

#### Solid Driver

Diameter	Туре	Length(mm)	Ref. C
Ø4.0	Short	6	SDS40
Ø4.0	Long	12	SDL40
Ø4.5	Short	6	SDS45
Ø4.5	Long	12	SDL45
Ø5.5	Short	6	SDS55
\$25.5	Long	12	SDL55
Ø6.5	Short	6	SDS65
0.0	Long	12	SDL65

For seating the Solid Abutment onto the fixture. can also be connected to Torque Wrench.

Color coded for different profile diameters. (Magenta : PD ø4.0 / Blue : PD ø4.5 / Yellow : PD ø5.5 / Green : PD ø6.5)

• Two different post heights(6mm / 12mm).

#### **Octa Abutment Driver**

Length(mm)	Ref. C
7	MOD300S
13	MOD300L

· For seating the Octa Abutment onto the fixture. can also be connected to Torque Wrench.







#### **Ball Driver**

Туре	Ref. C
Handpiece connector(Short)	TBH250S
Handpiece connector(Long)	TBH250L
Ratchet Extension(Short)	TBR250S
Ratchet Extension(Long)	TBR250L
Toque Driver(Short)	TBT250S
Toque Driver(Long)	TBT250L

• For seating the Ball Abutment onto the fixture, can also be connected to Torque Wrench.

Can connect to a Handpiece, Ratchet or Torque Wrench. available in long or short.

#### Reamer Drill & Center Pin

Iype	Ref. C
Reamer drill(Ø9.4)	TANRD
Reamer center pin(Ø4.0)	RDJ40
Reamer center pin(Ø4.5)	RDJ45
Reamer center pin(Ø5.5)	RDJ55
Reamer center pin(Ø6.5)	RDJ65
	Reamer drill(Ø9.4) Reamer center pin(Ø4.0) Reamer center pin(Ø4.5) Reamer center pin(Ø5.5)

 Used after casting to remove the slight over extension on the Solid Abutment Burn-out Cylinder.

• Available in 4 diameters to match the profile diameter of the Solid abutment.

#### Slot Driver (slotted type)

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

#### Multi Unit Driver (multi unit type Hex 2.0)

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

#### Hand Driver (flat type Hex 1.6)

Ref. C	Length(mm)	Туре	
TCMHDS1600	10	Short	
TCMHDL1600	15	Long	







# Prosthetics Kit (KAOPK3000)





# Go beyond the limits of SLA with KREED®

Experience no dip in ISQ values from the moment of implant installation

Aur One

#### Amazingly fast osseointegration!

The patented KnifeThread<sup>®</sup> design of MegaGen's AnyRidge<sup>®</sup> & AnyOne<sup>®</sup> implants in combination with the XPEED<sup>®</sup> surface with a unique blue color present incredible primary and ongoing stability. The advanced manufacturing process to create the XPEED<sup>®</sup> removes any concern about residual acid on an implant surface made with a conventional SLA process. Years of clinical experience, technical R&D and innovative manufacturing process have created the revolutionary AnyRidge<sup>®</sup> and AnyOne<sup>®</sup> implant fixtures.



AAA