

ST™

by MEGA'GEN

11° internal hex connection

KnifeThread combined
with double thread

S-L-A surface
treatment for safety &
better bone growth



Key Advantages

11° internal hex connection

KnifeThread combined with double thread

S-L-A surface treatment for safety & better bone growth



04 Characteristics & Advantages

04 I. Features

05 Fixture Product

05 I. Dimension

06 II. Size

07 Cover Screw & Healing Abutment

10 Abutment & Prosthetic Options

10 I. Fixture Level Prosthesis

16 1. Fixture Level Prosthesis_Digital

24 II. Abutment Level Prosthesis

24 1. Multi-unit Abutment & Components

31 III. Overdenture Prosthesis

31 Meg-Ball Abutment & Component

34 ST Kit

34 I. Surgical Kit

39 Clinical Case

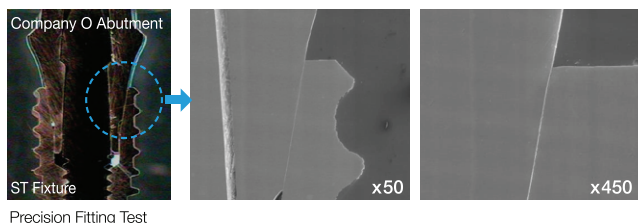
Characteristics & Advantages

I. Features

AnyRidge® technology maintains
100% compatibility with existing systems

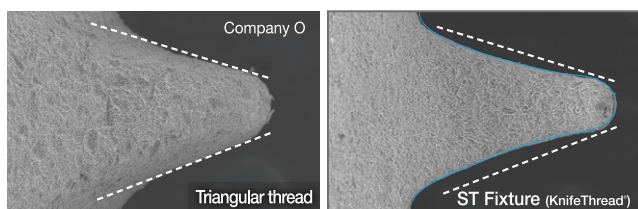
More economical

11° internal connection with high compatibility



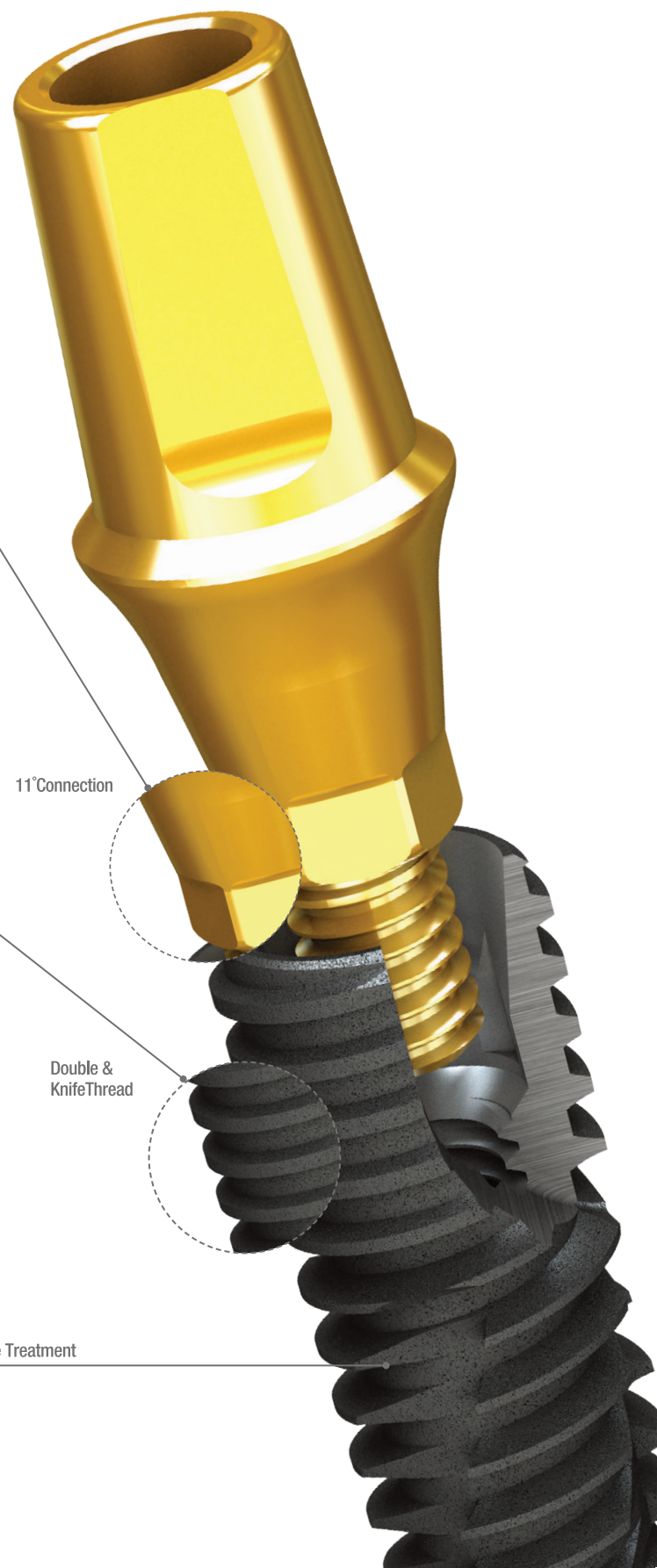
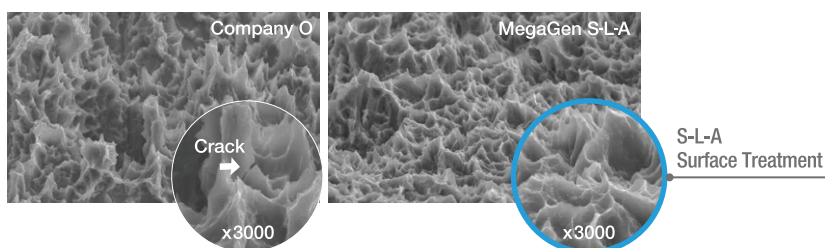
KnifeThread® is added to Double Thread

Thread design is very important for surgery as well as threading. The KnifeThread® of ST™ system has powerful self-threading capability that ensures initial stability, heightens resistance to compressive force, and minimizes the occurrence of shear force, leading to excellent load distribution.



S-L-A surface treatment based on advanced technology

- S-L-A surface morphology combines macro & micro roughness via blasting & etching processes
- Proven to be safer, as sharp edges can crack & become foreign objects during implant placement
- Superior bone formation capability

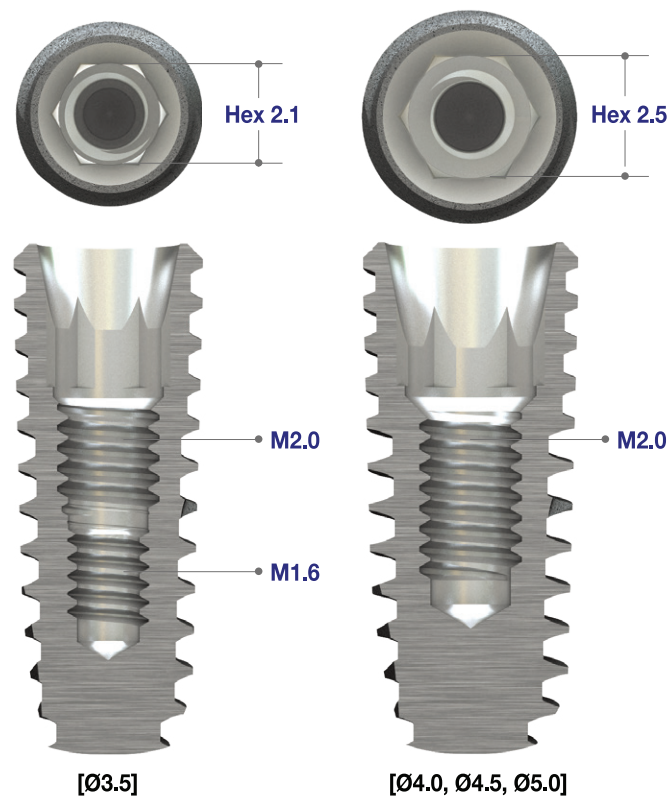


Fixture Product

I. Dimensions

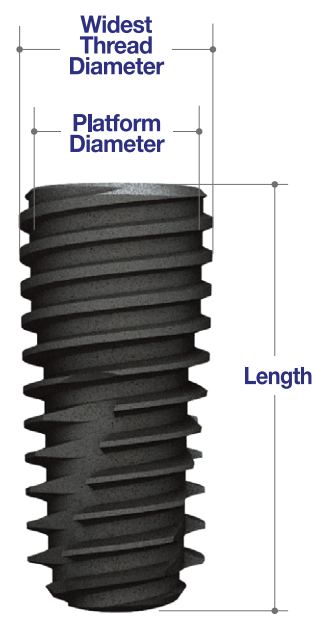
Platform Diameter & Female Screw

Type	Diameter	Hex(mm)	Thread
Mini	Ø3.5	2.1	M1.6 (M2.0)
Regular	Ø4.0	2.5	M2.0
	Ø4.5		
	Ø5.0		



Fixture Size Variation

Diameter	Widest thread Diameter	Length(mm)	Platform Diameter
Ø3.5	Ø3.7	8.5 / 10.0 / 11.5 / 13.0 / 15.0	Ø3.1
Ø4.0	Ø4.2	7.0 / 8.5 / 10.0 / 11.5 / 13.0 / 15.0	Ø3.6
Ø4.5	Ø4.6	7.0 / 8.5 / 10.0 / 11.5 / 13.0 / 15.0	Ø4.0
Ø5.0	Ø5.1	7.0 / 8.5 / 10.0 / 11.5 / 13.0 / 15.0	Ø4.5



II. Sizes

Mini Ø3.5

- Cover Screw (STCSS) included

Diameter	Length(mm)	Ref.C
Ø3.5	8.5	ST3508C
	10.0	ST3510C
	11.5	ST3511C
	13.0	ST3513C
	15.0	ST3515C



Regular Ø4.0

- Cover Screw (STCSR) included

Diameter	Length(mm)	Ref.C
Ø4.0	7.0	ST4007C
	8.5	ST4008C
	10.0	ST4010C
	11.5	ST4011C
	13.0	ST4013C
	15.0	ST4015C



Regular Ø4.5

- Cover Screw (STCSR) included

Diameter	Length(mm)	Ref.C
Ø4.5	7.0	ST4507C
	8.5	ST4508C
	10.0	ST4510C
	11.5	ST4511C
	13.0	ST4513C
	15.0	ST4515C



Regular Ø5.0

- Cover Screw (STCSR) included

Diameter	Length(mm)	Ref.C
Ø5.0	7.0	ST5007C
	8.5	ST5008C
	10.0	ST5010C
	11.5	ST5011C
	13.0	ST5013C
	15.0	ST5015C



Cover Screw & Healing Abutment

Cover Screw

* Included in fixture package

- Hand driver (1.2 Hex) is used
- Used for submerged-type surgery
- Internal structure of fixture
- Recommended torque: by hand (5 - 8Ncm)

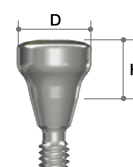
Height (mm)	Type	Ref.C
0.4	Mini	STCSS
	Regular	STCSR



Healing Abutment

- Hand Driver (1.2 Hex) is used
- Used for submerged-type surgery or two-stage surgery
- Various diameters & heights for different cases
- Forms appropriate emergence profile during gingival healing
- Recommended torque: by hand (5 - 8Ncm)

Diameter	Type	Height(mm)	Ref.C
Ø4.0	Mini	3.0	STHA403M
		4.0	STHA404M
		5.0	STHA405M
		7.0	STHA407M
		9.0	STHA409M
Ø4.5	Mini	3.0	STHA453M
		4.0	STHA454M
		5.0	STHA455M
		7.0	STHA457M
		9.0	STHA459M
Ø4.0	Regular	3.0	STHA403R
		4.0	STHA404R
		5.0	STHA405R
		7.0	STHA407R
		9.0	STHA409R
Ø4.5	Regular	3.0	STHA453R
		4.0	STHA454R
		5.0	STHA455R
		7.0	STHA457R
		9.0	STHA459R
Ø5.0	Regular	3.0	STHA503R
		4.0	STHA504R
		5.0	STHA505R
		7.0	STHA507R
		9.0	STHA509R
Ø6.0	Regular	3.0	STHA603R
		4.0	STHA604R
		5.0	STHA605R
		7.0	STHA607R
		9.0	STHA609R
Ø7.0	Regular	3.0	STHA703R
		4.0	STHA704R
		5.0	STHA705R
		7.0	STHA707R
		9.0	STHA709R



All in one package

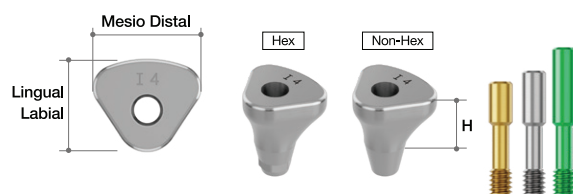
(Anatomic type)

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

Healing Abutment

(Anatomic type)

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



Type	MD (mm)	LL (mm)	Position No.	Height (mm)	Connection	Ref.C
Incisor	4.0	5.0	I1	4	Regular	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	Regular	AOHC50654T
				5		AOHC50655T
				7		AOHC50657T
	5.0	6.5	C1	4	Non-Hex	AOHC50654NT
				5		AOHC50655NT
				7		AOHC50657NT



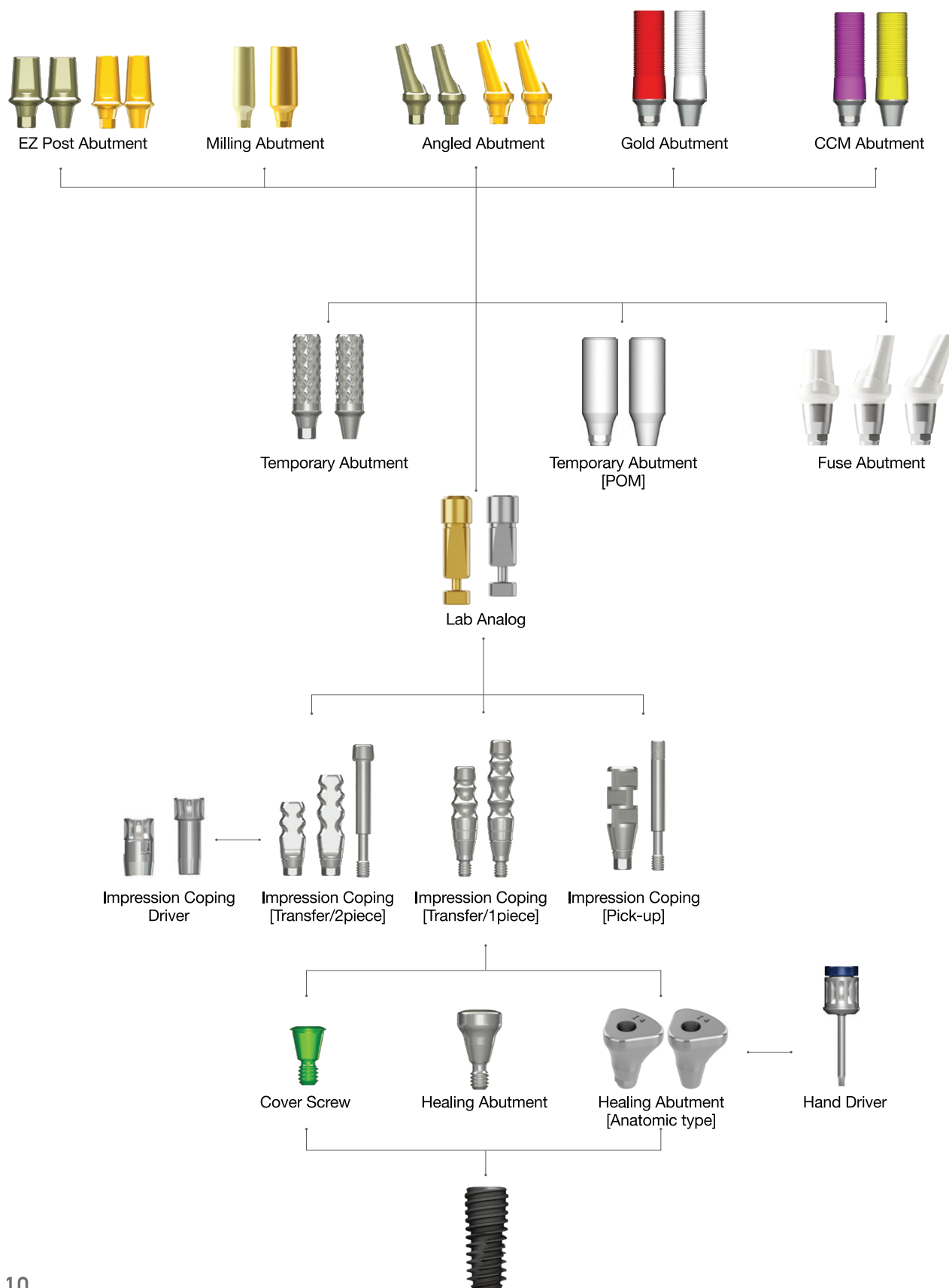
Type	MD (mm)	LB (mm)	Position No.	Height (mm)	Connection	Ref.C
Pre-Molar	4.5	6.0	P1	4	Regular	AOHM45604T
				5		AOHM45605T
				7		AOHM45607T
	5.0	7.0	P2	4		AOHM50704T
				5		AOHM50705T
				7		AOHM50707T
	4.5	6.0	P1	4	Non-Hex	AOHM45604NT
				5		AOHM45605NT
				7		AOHM45607NT
	5.0	7.0	P2	4		AOHM50704NT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



Type	MD (mm)	LB (mm)	Position No.	Height (mm)	Connection	Ref.C
Molar	6.0	7.0	M1	4	Regular	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	Regular	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



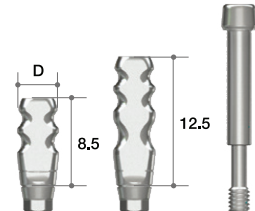
➡ Abutment Options & Components (Continued)

Impression Coping (2-piece, Transfer Type) (For closed-Tray Technique)

- Guide Pins : STTIG1611/ STTIG1615/ STTIG2011/
STTIG2015

- For use with Closed-tray technique Anti-rotation grooves are aligned with fixture hex direction
- Should be tightened with Impression Coping Driver
- Special impression coping screw which can be used with a 1.2mm hex driver is available on request.

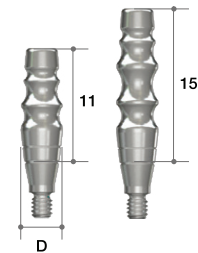
Diameter	Type	Connection	Height (mm)	Ref.C
Ø4.0	2-piece	Mini	11	STTIM4011T
			15	STTIM4015T
Regular			11	STTIM4511T
			15	STTIM4515T
		Ø4.0	11	STTIS4011T
			15	STTIS4015T
		Ø4,5	11	STTIS4511T
			15	STTIS4515T
Ø5.0		11	STTIS5011T	
		15	STTIS5015T	
Ø6.0	11	STTIS6011T		
	15	STTIS6015T		
Ø7.0	11	STTIS7011T		
	15	STTIS7015T		



Impression Coping (1-piece, Transfer Type) (For closed-Tray Technique)

- Impression Coping design ensures easy and accurate transfer of fixture position.
- Impression Coping Driver and Hand Driver(1.2Hex) should be used to ensure Impression Coping is properly tightened.

Diameter	Type	Connection	Height (mm)	Ref.C
Ø4.0	1-piece	Mini	11	STTIM4011NH
Ø4.5			15	STTIM4015NH
			11	STTIM4511NH
			15	STTIM4515NH
Ø4.0		Regular	11	STTIS4011NH
			15	STTIS4015NH
Ø4.5			11	STTIS4511NH
			15	STTIS4515NH
Ø5.0			11	STTIS5011NH
			15	STTIS5015NH
Ø6.0	11		STTIS6011NH	
	15		STTIS6015NH	
Ø7.0	11	STTIS7011NH		
	15	STTIS7015NH		

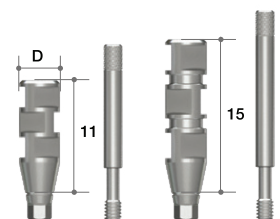


Impression Coping (2-piece, Pick-up Type) (For closed-Tray Technique)

- Guide Pins : STPIG1611(Mini / 11mm), STPIG1615(Mini/ 15mm),
STPIG2011(Regular/11mm),
STPIG2015(Regular/15mm) are included.

- Accurate impression-taking due to square structure
- Designed for easy & accurate impression-taking

Diameter	Type	Connection	Height(mm)	Ref.C		
Ø4.0	2-piece	Mini	Hex	11	STPIM4011T	
				15	STPIM4015T	
			Non-Hex	11	STPIM4011NT	
				15	STPIM4015NT	
Ø4.5		Mini	Hex	11	STPIM4511T	
				15	STPIM4515T	
			Non-Hex	11	STPIM4511NT	
				15	STPIM4515NT	
Ø4.0		2-piece	Regular	Hex	11	STPIS4011T
					15	STPIS4015T
				Non-Hex	11	STPIS4011NT
					15	STPIS4015NT
Ø4.5	Regular		Hex	11	STPIS4511T	
				15	STPIS4515T	
			Non-Hex	11	STPIS4511NT	
				15	STPIS4515NT	
Ø5.0	Regular		Hex	11	STPIS5011T	
				15	STPIS5015T	
			Non-Hex	11	STPIS5011NT	
				15	STPIS5015NT	
Ø6.0	Regular	Hex	11	STPIS6011T		
			15	STPIS6015T		
		Non-Hex	11	STPIS6011NT		
			15	STPIS6015NT		
Ø7.0	Regular	Hex	11	STPIS7011T		
			15	STPIS7015T		
		Non-Hex	11	STPIS7011NT		
			15	STPIS7015NT		

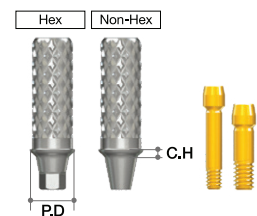


Temporary Abutment

- Abutment Screw is included
(Mini: STABSM / Regular: STABSS)

- To fabricate provisional restorations post area is designed to increase adhesive property of resin.
- Recommended torque: Mini 20Ncm/
Regular 25Ncm

Profile Diameter	Connection	Cuff Height(mm)	Ref.C
Ø4.0	Mini	Hex 1	STTA4010T
		3	STTA4030T
	Non-Hex	1	STTA4010NT
		3	STTA4030NT
Ø4.5	Regular	Hex 1	STTA4510T
		3	STTA4530T
	Non-Hex	1	STTA4510NT
		3	STTA4530NT

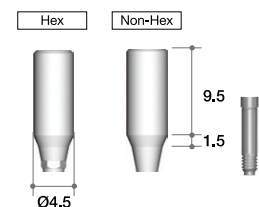


Temporary Abutment (POM)

- 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)	Connection	Ref.C
Ø4.5	11.0	Regular Hex	TA4511HPT
		Non-Hex	TA4511NPT



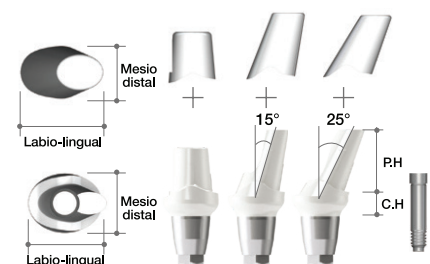
Fuse Abutment

- Abutment Screw(AS20)+Fuse cap included.

- Recommend torque : 25Ncm

Diameter	Cuff Height	Post Height	Type	Connection	Ref.C
			Labio-lingual	Mesio distal	
Ø5.5	4	5.5	Straight	Regular	AOFAP5545P
	4	7	15°		AOFAP5415P
	4	7	25°		AOFAP5425P

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



➔ Abutment Options & Components (Continued)

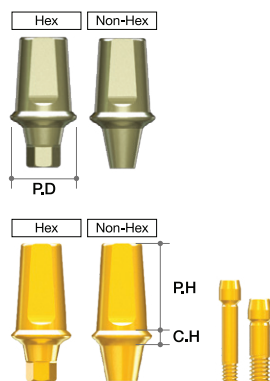
EZ Post Abutment

- Abutment Screw is included.

(Mini : STABSM / Regular : STABSS)

For cement-retained restoration:

- Post heights: 4.0, 5.5, 7.0mm
- Profile diameters: Ø4.5, Ø5.0, Ø6.0, Ø7.0
- Cuff heights: 1, 2, 3, 4, 5mm
- Aesthetic appearance realized via anodizing
- Non-hex abutments have no anti-rotation feature, and are contraindicated for single-unit restoration
- Recommended torque: Mini / 20Ncm, Regular / 30Ncm



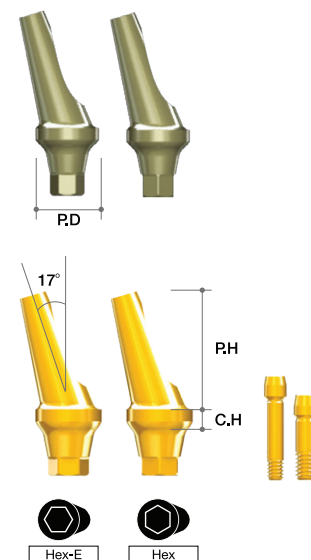
Profile Diameter	Connection	Cuff Height(mm)	Post Height(mm)	Ref.C	Profile Diameter	Connection	Cuff Height(mm)	Post Height(mm)	Ref.C
Ø4.5	Mini	Hex	1	STEA4611T	Ø5.0	Non-Hex	1	4.0	STEA5410NT
			2	STEA4621T			2	4.0	STEA5420NT
			3	STEA4631T			3	4.0	STEA5430NT
			4	STEA4641T			4	4.0	STEA5440NT
			5	STEA4651T			5	4.0	STEA5450NT
		Non-Hex	1	STEA4711T			1	5.5	STEA5610NT
			2	STEA4721T			2	5.5	STEA5620NT
			3	STEA4731T			3	5.5	STEA5630NT
			4	STEA4741T			4	5.5	STEA5640NT
			5	STEA4751T			5	5.5	STEA5650NT
	Regular	Hex	1	STEA4611NT		Non-Hex	1	7.0	STEA5710NT
			2	STEA4621NT			2	7.0	STEA5720NT
			3	STEA4631NT			3	7.0	STEA5730NT
			4	STEA4641NT			4	7.0	STEA5740NT
			5	STEA4651NT			5	7.0	STEA5750NT
		Non-Hex	1	STEA4711NT		Hex	1	4.0	STEA6410T
			2	STEA4721NT			2	4.0	STEA6420T
			3	STEA4731NT			3	4.0	STEA6430T
			4	STEA4741NT			4	4.0	STEA6440T
			5	STEA4751NT			5	4.0	STEA6450T
Ø4.5	Regular	Hex	1	STEAS4611T	Ø6.0	Hex	1	5.5	STEA6610T
			2	STEAS4621T			2	5.5	STEA6620T
			3	STEAS4631T			3	5.5	STEA6630T
			4	STEAS4641T			4	5.5	STEA6640T
			5	STEAS4651T			5	5.5	STEA6650T
		Non-Hex	1	STEAS4711T		Non-Hex	1	7.0	STEA6710T
			2	STEAS4721T			2	7.0	STEA6720T
			3	STEAS4731T			3	7.0	STEA6730T
			4	STEAS4741T			4	7.0	STEA6740T
			5	STEAS4751T			5	7.0	STEA6750T
	Regular	Hex	1	STEAS4611NT		Non-Hex	1	4.0	STEA6410NT
			2	STEAS4621NT			2	4.0	STEA6420NT
			3	STEAS4631NT			3	4.0	STEA6430NT
			4	STEAS4641NT			4	4.0	STEA6440NT
			5	STEAS4651NT			5	4.0	STEA6450NT
		Non-Hex	1	STEAS4711NT			1	5.5	STEA6610NT
			2	STEAS4721NT			2	5.5	STEA6620NT
			3	STEAS4731NT			3	5.5	STEA6630NT
			4	STEAS4741NT			4	5.5	STEA6640NT
			5	STEAS4751NT			5	5.5	STEA6650NT
Ø5.0	Regular	Hex	1	STEA5410T	Ø7.0	Hex	1	7.0	STEA6710NT
			2	STEA5420T			2	7.0	STEA6720NT
			3	STEA5430T			3	7.0	STEA6730NT
			4	STEA5440T			4	7.0	STEA6740NT
			5	STEA5450T			5	7.0	STEA6750NT
		Non-Hex	1	STEA5610T		Non-Hex	1	5.5	STEA7610T
			2	STEA5620T			2	5.5	STEA7620T
			3	STEA5630T			3	5.5	STEA7630T
			4	STEA5640T			4	5.5	STEA7640T
			5	STEA5650T			5	5.5	STEA7650T
	Regular	Hex	1	STEA5710T		Non-Hex	1	5.5	STEA7610NT
			2	STEA5720T			2	5.5	STEA7620NT
			3	STEA5730T			3	5.5	STEA7630NT
			4	STEA5740T			4	5.5	STEA7640NT
			5	STEA5750T			5	5.5	STEA7650NT

Angled Abutment

- Abutment Screw is included
(Mini : STABSM / Regular : STABSS)

- Only one angle available: 17°
- Various diameters: Ø4.5, 5.0, 6.0
- Various cuff heights: 2mm, 4mm
- Covers 12 different angles (Hex, Hex-E)
- Aesthetic appearance realized via anodizing
- More convenient to use as milling area is widened by minimizing screw head height
- Recommended torque: Mini / 20Ncm, Regular / 30Ncm

Profile Diameter	Connection		Cuff Height(mm)	Post Height(mm)	Ref.C
Ø4.5	Mini	Hex-E	2	8	STAA4520MAT
			4		STAA4540MAT
		Hex	2		STAA4520MBT
			4		STAA4540MBT
		Non-Hex	2		STAA4520MNT
			4		STAA4540MNT
Ø4.5	Regular	Hex-E	2	8	STAA4520AT
			4		STAA4540AT
		Hex	2		STAA4520BT
			4		STAA4540BT
		Non-Hex	2		STAA4520NT
			4		STAA4540NT
Ø5.0	Regular	Hex-E	2		STAA5020AT
			4		STAA5040AT
		Hex	2		STAA5020BT
			4		STAA5040BT
		Non-Hex	2		STAA5020NT
			4		STAA5040NT
Ø6.0	Regular	Hex-E	2		STAA6020AT
			4		STAA6040AT
		Hex	2		STAA6020BT
			4		STAA6040BT
		Non-Hex	2		STAA6020NT
			4		STAA6040NT

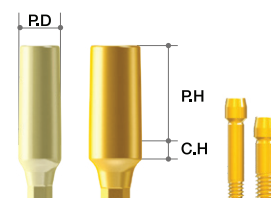


Milling Abutment

- Abutment Screw is included
(Mini : STABSM / Regular : STABSS)

- Used for customized milling
- Profile diameters: Ø4.5/ Ø5.0/ Ø6.0/ Ø7.0
- Cuff heights: 1.5mm, 3.0mm
- Aesthetic appearance realized via anodizing
- Recommended torque: Mini / 20Ncm, Regular / 30Ncm

Profile Diameter	Connection	Cuff Height(mm)	Post Height(mm)	Ref.C
Ø4.5	Mini	1.5	10.5	STMA4015T
		3.0	9.0	STMA4030T
Ø4.5	Regular	1.5	10.5	STMAS4015T
		3.0	9.0	STMAS4030T
Ø5.0	Regular	1.5	10.5	STMAS5015T
		3.0	9.0	STMAS5030T
Ø5.0	Regular	1.5	8.0	STMASG5015T
		3.0	7.0	STMASG5030T
Ø6.0	Regular	1.5	10.5	STMASG6015T
		3.0	9.0	STMASG6030T
Ø7.0	Regular	1.5	10.5	STMASG7015T
		3.0	9.0	STMASG7030T



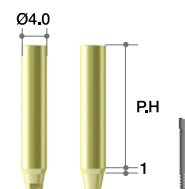
➔ Abutment Options & Components

Milling Abutment Type II (GALLI Abutment)

- AnyOne Internal : Abutment Screw (AS20) included.

- Long post enables easier customization from milling.
- Recommend torque : 35Ncm

Profile Diameter	Connection	Cuff Height (mm)	Post Height (mm)	Ref.C
Ø4.0	Regular	1.0	19	AOBOT4019HT
				AOBOT4019NT

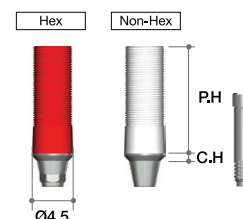


Gold Abutment

- 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	Connection	Cuff Height (mm)	Post Height (mm)	Ref.C
Ø4.5	Regular	1.0	11.0	GA4515HT
				GA4515NT

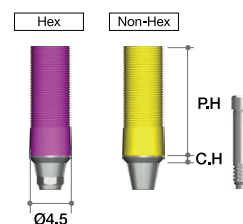


CCM Abutment

- Abutment Screw(AS20) included

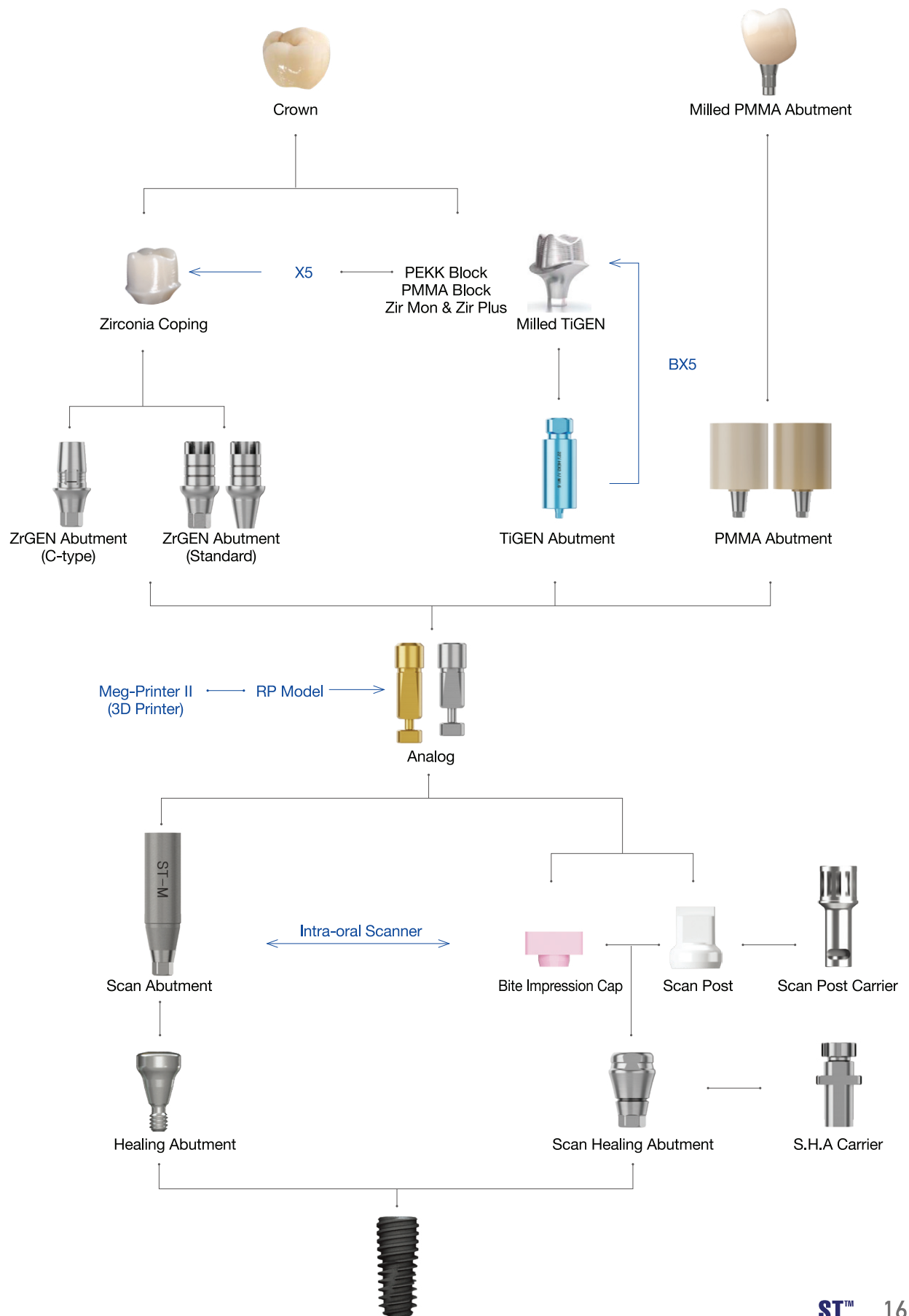
- Useful to make a customized abutment in difficult situations.
- Can be casted with non-precious alloys(Ni-Cr, Cr-Co alloys).
- Non-precious melting temperature : Depend on Manufacturer
- Threaded sleeves for convenient Resin / Wax-up.
- Melting temperature of CCM : 1300~1400°C
- Recommend torque :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

Profile Diameter	Connection	Cuff Height (mm)	Post Height (mm)	Ref.C
Ø4.5	Regular	1.0	11.0	CA4515HT
				CA4515NT



I. Fixture Level Prosthesis

1. Fixture Level Prosthesis_Digital

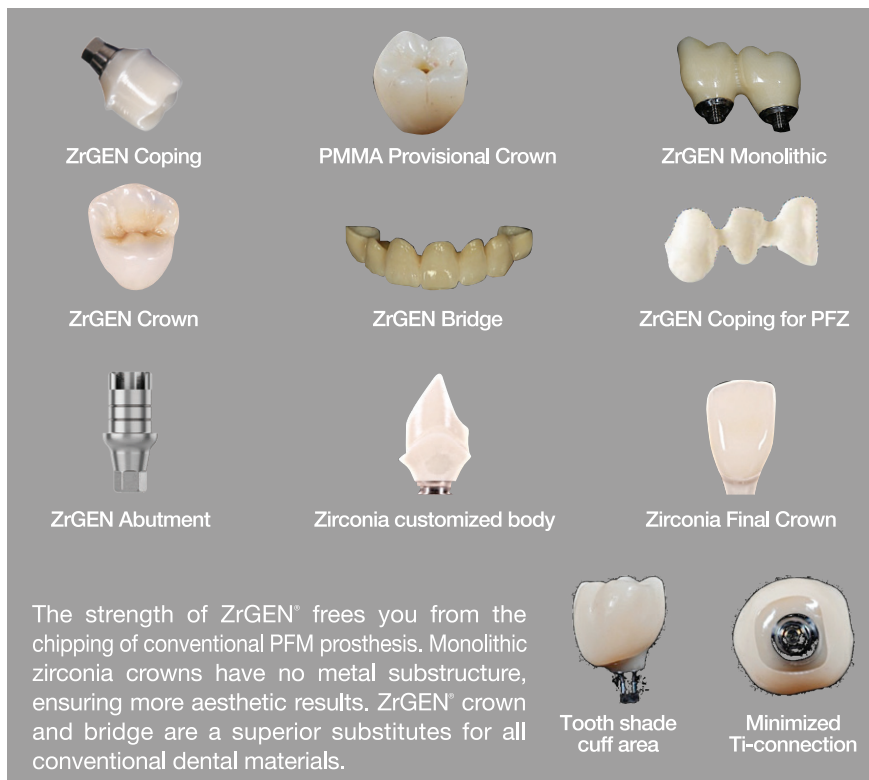


» Digital Material

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®

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

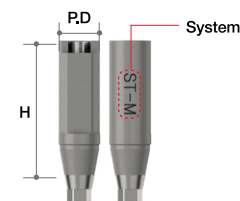


➡ Abutment & Prosthetic Option (Continued)

Scan Abutment

- Abutment Screw included.
 - ✓ ST Mini (SAOSGSAS3110)
 - ✓ ST Regular (SAOSGSAS3210)
 - ✓ Octa Level (SAIRCS200)
 - ✓ MUA Level (SAMUAS)
- For Chairside/ Labside
- Included spare Abutment Screw
- Supporting Dental CAD
 - 3Shape
 - exocad
 - Dental Wings
- Recommend torque : By Hand (5~8Ncm)

System	Profile Diameter	Height (mm)	Ref.C
ST	Mini	9	OSGSSC3110T
		13	OSGSSC3111T
	Regular	9	OSGSSC3210T
		13	OSGSSC3211T
Octa Level	Ø4.0	11	AOCESC4011T
MUA Level (N Type)	Ø4.0	13	AMUASR4013T



Scan Healing Abutment

- Abutment Screw included.
 - ✓ ST Mini (STMHS1604/ STMHS1605/ STMHS1607/ STMHS1609)
 - ✓ ST Regular (STRHS2004/ STRHS2005/ STRHS2007/ STRHS2009)
- 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 & ST system - FDA : Approved in 2023



System	Profile Diameter	Height (mm)	Ref.C
ST	Mini	4	STMHS4004T
		5	STMHS4005T
		7	STMHS4007T
		9	STMHS4009T
	Regular	4	STRSH5004T
		5	STRSH5005T
		7	STRSH5007T
		9	STRSH5009T
	Ø5.0	4	STRSH6004T
		5	STRSH6005T
		7	STRSH6007T
		9	STRSH6009T
	Ø6.0	4	STRSH7004T
		5	STRSH7005T
		7	STRSH7007T
		9	STRSH7009T

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

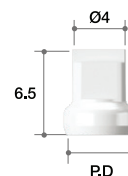


➡ Abutment & Prosthetic Option

Scan Post

- Scan Healing Abutment should be exposed 2.0mm from the surgical site for accurate scanning. Scanning would be much easier if you connect Scan Post when scanning seems difficult due to less exposure of Scan Healing Abutment or other conditions.
- Select Scan Post based on the diameter of Scan Healing Abutment
- Scan Post is a disposable product.
- 1 set consists of 10 Scan Posts.

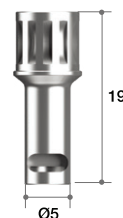
Profile Diameter	Height (mm)	Ref.C
Ø4.0	6.5	SP4007.MTN
Ø5.0		SP5007.MTN
Ø6.0		SP6007.MTN
Ø7.0		SP7007.MTN



Scan Post Carrier

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

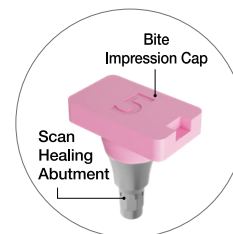
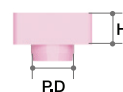
Profile Diameter	Height (mm)	Ref.C
Ø5	19	SPC16



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



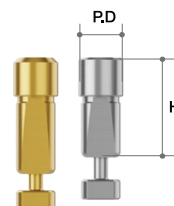
➡ Analog Option

Analog

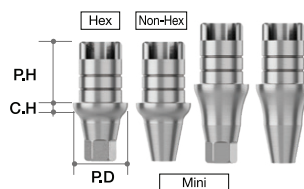
- Analog Screw(ALS18) included.
- For Chairside/ Labside
- Supporting Dental CAD
 - 3Shape
 - exocad
- 2 piece type



System	Profile Diameter	Height (mm)	Ref.C
ST	Mini	Ø4.0 10.5	STIALMT
	Regular	Ø4.0 9	STIALRT



➡ ZrGEN Abutment Option (Continued)



ZrGEN Abutment

- Abutment Screw included.

✓ ST Mini (OSGSAS3110)

✓ ST Regular (OSGSAS3210)

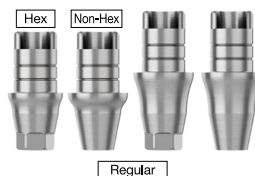
✓ Octa Level (IRCS200)

✓ MUA Level (MUAS)

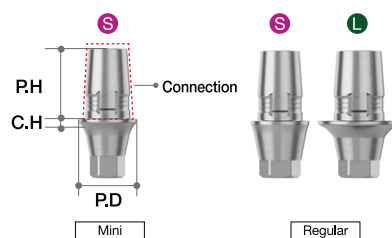
- Titanium Base
- 1 set consists of 10 Abutments.
 - included spare Abutment Screw
 - Mini ZrGEN has special abutment screw (Available only in ZrGEN Abutment)
- Supporting DentalCAD
 - 3 Shape
 - exocad
- - Dental Wing
- Post Height can be checked by the number of Groove.
 - Post Height : 4.5mm ☒ Groove : 2ea
 - Post Height : 5mm ☒ Groove : 3ea
 - Post Height : 6mm ☒ Groove : 4ea
 - Post Height : 8mm ☒ Groove : 6ea
- Recommend torque
 - 30Ncm : ST (Regular)
 - 20Ncm : ST (Mini)
 - 35Ncm : Octa Level
 - 15Ncm : MUA Level

Standard

System	Profile Diameter	Cuff Height (mm)	Post Height (mm)	Type	Ref.C		
ST	Mini	Ø4.0	0.6	4.5	Hex	OSGSPA3111.MTN	
				6		OSGSPA3112.MTN	
				8		OSGSPA3113.MTN	
			1.5	4.5		OSGSPA3121.MTN	
				6		OSGSPA3122.MTN	
				8		OSGSPA3123.MTN	
			3.0	4.5		OSGSPA3131.MTN	
				6		OSGSPA3132.MTN	
				8		OSGSPA3133.MTN	
			4.0	4.5		OSGSPA3141.MTN	
				6		OSGSPA3142.MTN	
				8		OSGSPA3143.MTN	
			0.6	Non-Hex	4.5	OSGSPA3111N.MTN	
					6	OSGSPA3112N.MTN	
					8	OSGSPA3113N.MTN	
					1.5	4.5	OSGSPA3121N.MTN
						6	OSGSPA3122N.MTN
						8	OSGSPA3123N.MTN
					3.0	4.5	OSGSPA3131N.MTN
						6	OSGSPA3132N.MTN
						8	OSGSPA3133N.MTN
					4.0	4.5	OSGSPA3141N.MTN
						6	OSGSPA3142N.MTN
						8	OSGSPA3143N.MTN



System	Profile Diameter	Cuff Height (mm)	Post Height (mm)	Type	Ref.C
Regular	Ø4.0	0.6	4.5	Hex	OSGSPA3211.MTN
			6		OSGSPA3212.MTN
			8		OSGSPA4018.MTN
		1.5	4.5		OSGSPA4025.MTN
			6		OSGSPA4026.MTN
			8		OSGSPA4028.MTN
		3.0	4.5		OSGSPA4035.MTN
			6		OSGSPA4036.MTN
			8		OSGSPA4038.MTN
		4.0	4.5		OSGSPA4045.MTN
			6		OSGSPA4046.MTN
			8		OSGSPA4048.MTN
		0.6	4.5	Non-Hex	OSGSPA3211N.MTN
			6		OSGSPA3212N.MTN
			8		OSGSPA4018N.MTN
		1.5	4.5		OSGSPA4025N.MTN
			6		OSGSPA4026N.MTN
			8		OSGSPA4028N.MTN
		3.0	4.5		OSGSPA4035N.MTN
			6		OSGSPA4036N.MTN
			8		OSGSPA4038N.MTN
		4.0	4.5		OSGSPA4045N.MTN
			6		OSGSPA4046N.MTN
			8		OSGSPA4048N.MTN
ST	Regular	0.6	4.5	Hex	OSGSPA4515.MTN
			6		OSGSPA4516.MTN
			8		OSGSPA4518.MTN
		1.5	4.5		OSGSPA3221.MTN
			6		OSGSPA3222.MTN
			8		OSGSPA4528.MTN
		3.0	4.5		OSGSPA4535.MTN
			6		OSGSPA4536.MTN
			8		OSGSPA4538.MTN
		4.0	4.5		OSGSPA4545.MTN
			6		OSGSPA4546.MTN
			8		OSGSPA4548.MTN
		0.6	4.5	Non-Hex	OSGSPA4515N.MTN
			6		OSGSPA4516N.MTN
			8		OSGSPA4518N.MTN
		1.5	4.5		OSGSPA3221N.MTN
			6		OSGSPA3222N.MTN
			8		OSGSPA4528N.MTN
		3.0	4.5		OSGSPA4535N.MTN
			6		OSGSPA4536N.MTN
			8		OSGSPA4538N.MTN
		4.0	4.5		OSGSPA4545N.MTN
			6		OSGSPA4546N.MTN
			8		OSGSPA4548N.MTN



- Abutment Screw included.
- ✓ ST Mini (OSGSAS3110)
- ✓ ST Regular (OSGSAS3210)
- 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
- 30Ncm : ST (Regular)
- 20Ncm : ST (Mini)



C-type

System	Profile Diameter	Cuff Height (mm)	Post Height	Connection	Ref.C
ST	Mini	0.5	4.7	S	STCSS3405.MTN
		1			STCSS3410.MTN
		2			STCSS3420.MTN
		0.5			STCSS3805.MTN
		1			STCSS3810.MTN
		2			STCSS3820.MTN
	Regular	0.5		S	STCSR3405.MTN
		1			STCSR3410.MTN
		2			STCSR3420.MTN
		0.5			STCSR3805.MTN
		1			STCSR3810.MTN
		2			STCSR3820.MTN
	Ø5.5	0.5		L	STCLR4505.MTN
		1			STCLR4510.MTN
		2			STCLR4520.MTN

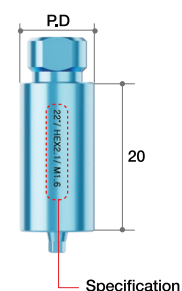
➡ TiGEN Abutment Option (Continued)

TiGEN Abutment

- Abutment Screw included.
 - ✓ ST Mini (OSGSAS3110)
 - ✓ ST Regular (OSGSAS3210)
- 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
 - 30Ncm : ST (Regular)
 - 20Ncm : ST (Mini)
- FDA : Approved in 2023

MegaGen type

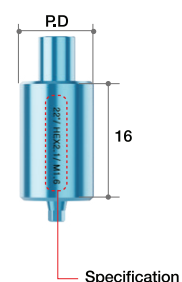
System		Color	Profile Diameter	Height (mm)	Type	Ref.C
ST	Mini	Sky blue	Ø10	20	Hex	OSTG3112.MTN
					Non-Hex	OSTG3112N.MTN
			Ø12		Hex	OSTG3111.MTN
					Non-Hex	OSTG3111N.MTN
	Regular		Ø10		Hex	OSTG3212.MTN
					Non-Hex	OSTG3212N.MTN
			Ø12		Hex	OSTG3211.MTN
					Non-Hex	OSTG3211N.MTN



- Abutment Screw included.
 - ✓ ST Mini (OSGSAS3110)
 - ✓ ST Regular (OSGSAS3210)
- Pre-milled Abutment
- 1 set consists of 10 Abutments
 - included spare Abutment Screw
- Supporting DentalCAD
 - 3 Shape
 - exocad
- Recommend torque
 - 30Ncm : ST (Regular)
 - 20Ncm : ST (Mini)
- FDA : Approved in 2023

NT type

System		Color	Profile Diameter	Height (mm)	Type	Ref.C
ST	Mini	Sky blue	Ø10	16	Hex	OSTGN3112.MTN
					Non-Hex	OSTGN3112N.MTN
					Hex	OSTGN3111.MTN
					Non-Hex	OSTGN3111N.MTN
	Regular				Hex	OSTGN3212.MTN
					Non-Hex	OSTGN3212N.MTN
					Hex	OSTGN3211.MTN
					Non-Hex	OSTGN3211N.MTN

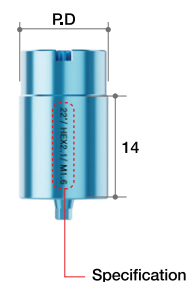


- Abutment Screw included.
 - ✓ ST Mini (OSGSAS3110)
 - ✓ ST Regular (OSGSAS3210)

- Pre-milled Abutment
- 1 set consists of 10 Abutments
 - included spare Abutment Screw
- Supporting DentalCAD
 - 3 Shape
 - exocad
- Recommend torque
 - 30Ncm : ST (Regular)
 - 20Ncm : ST (Mini)
- FDA : Approved in 2023

Medentika type

System		Color	Profile Diameter	Height (mm)	Type	Ref.C
ST	Mini	Sky blue	Ø12	14	Hex	OSTGM3111.MTN
	Regular				Non-Hex	OSTGM3111N.MTN
					Hex	OSTGM3211.MTN
					Non-Hex	OSTGM3211N.MTN



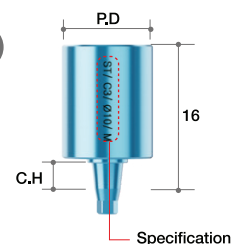
➡ TiGEN Abutment Option

- Abutment Screw included.
- ✓ ST Mini (OSGSAS3110)
- ✓ ST Regular (OSGSAS3210)

- 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
 - 30Ncm : ST (Regular)
 - 20Ncm : ST (Mini)
- FDA : Approved in 2023
- CE : Approved in 2024

CUFF type

System	Color	Profile Diameter	Cuff Height (mm)	Height (mm)	Type	Ref.C
ST	Mini	Ø8	0.6	16	Hex	OSTGMR0608.MTN
			1.5			OSTGMR1508.MTN
			3.0			OSTGMR3008.MTN
		Ø10	0.6			OSTGMR0610.MTN
			1.5			OSTGMR1510.MTN
			3.0			OSTGMR3010.MTN
		Ø12	0.6			OSTGMR0612.MTN
			1.5			OSTGMR1512.MTN
			3.0			OSTGMR3012.MTN
	Regular	Ø8	0.6			OSTGRR0608.MTN
			1.5			OSTGRR1508.MTN
			3.0			OSTGRR3008.MTN
		Ø10	0.6			OSTGRR0610.MTN
			1.5			OSTGRR1510.MTN
			3.0			OSTGRR3010.MTN
		Ø12	0.6			OSTGRR0612.MTN
			1.5			OSTGRR1512.MTN
			3.0			OSTGRR3012.MTN



[TiGEN Abutment CUFF type Line-Up]

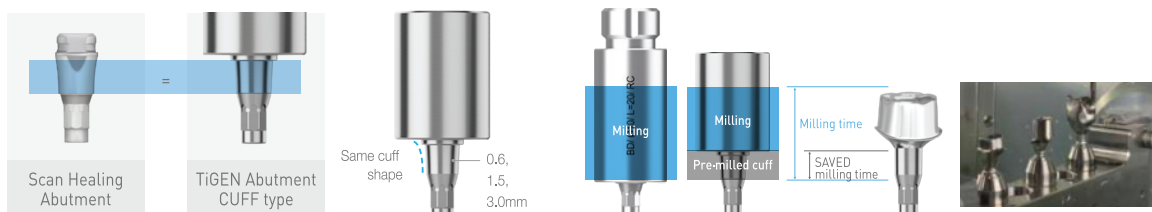
	D8	D10	D12
C0.6			
C1.5			
C3.0			

☑ 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

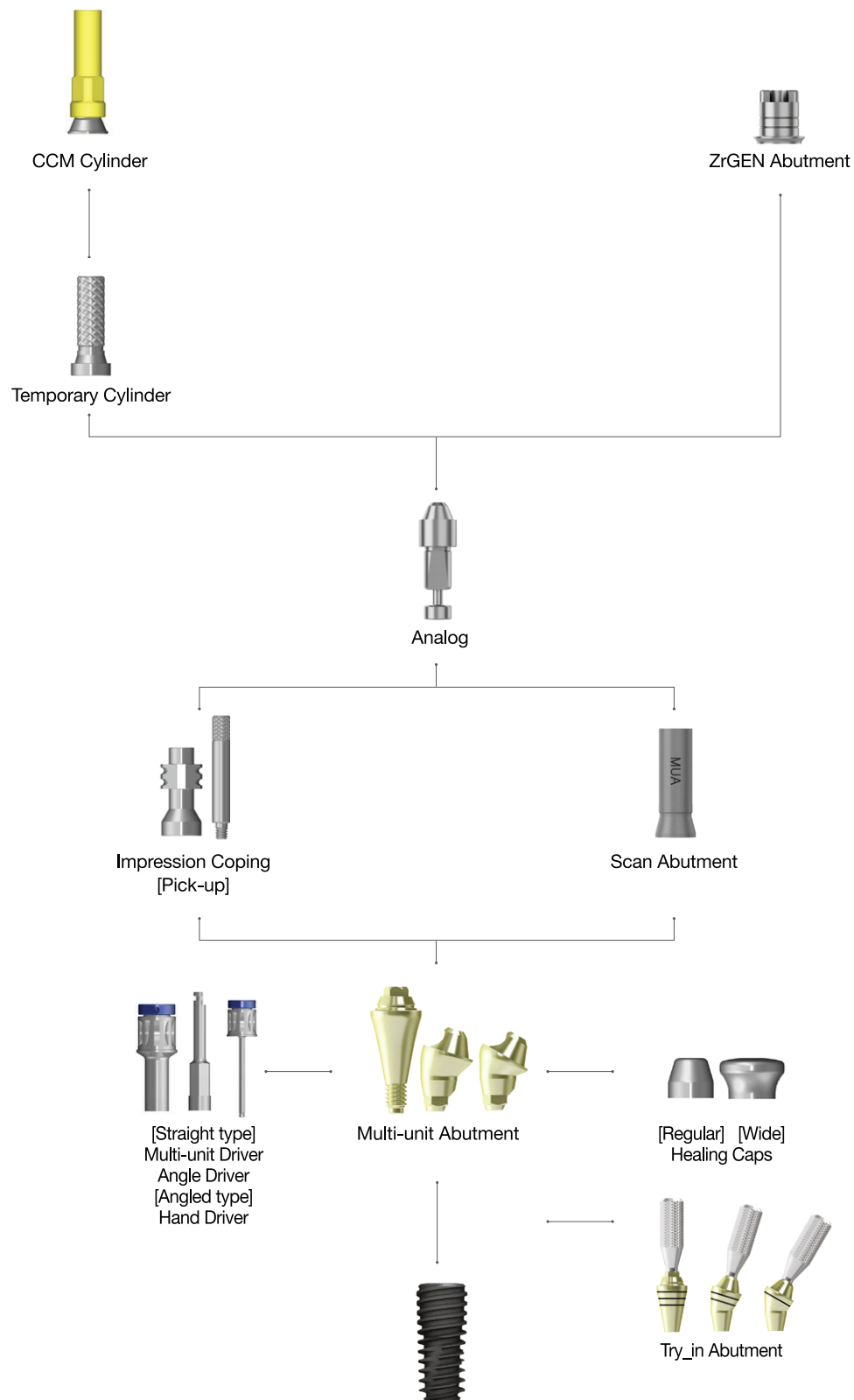
- 60% reduction in milling time when compared with conventional products!
- NO post milling, allowing reverse jig milling to occlusal surface within 8 minutes!



II. Abutment Level Prosthesis

1. Multi-unit Abutment & Components

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



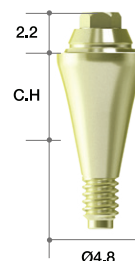
➔ Multi-unit Abutment

Multi-unit Abutment - Straight

- MUA Straight Carrier (MUASC) included

- Regular: Compatible with AnyOne Internal System
- Recommend torque : Mini / 25Ncm, Regular / 35Ncm
- Mini Connection : Coming Soon

Cuff Height (mm)	Connection	Type	Ref.C
1.5	Mini	1-piece (M2)	MUASTMN0015C
2.5			MUASTMN0025C
3.5			MUASTMN0035C
4.5			MUASTMN0045C
1.5	Regular		MUAAON0015C
2.5			MUAAON0025C
3.5			MUAAON0035C
4.5			MUAAON0045C

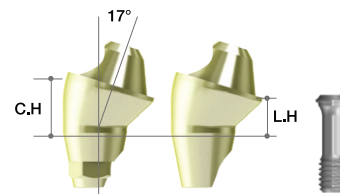


Multi-unit Angled Abutment - 17°

- MUA Screw (MUAOS) included
- MUA Angled Carrier (MUAAC) included

- Recommend torque : Mini / 25Ncm, Regular / 25Ncm
- Mini Connection : Coming Soon

Cuff Height (Labial) (mm)	Connection	Ref.C
2.5 (1.1)	Mini	MUASTMH1725TC
3.5 (2.1)		MUASTMH1735TC
4.5 (3.1)		MUASTMH1745TC
2.5 (1.1)		MUASTMN1725TC
3.5 (2.1)		MUASTMN1735TC
4.5 (3.1)		MUASTMN1745TC
2.5 (1.1)	Regular	MUAAOH1725TC
3.5 (2.1)		MUAAOH1735TC
4.5 (3.1)		MUAAOH1745TC
2.5 (1.1)		MUAAON1725TC
3.5 (2.1)		MUAAON1735TC
4.5 (3.1)		MUAAON1745TC

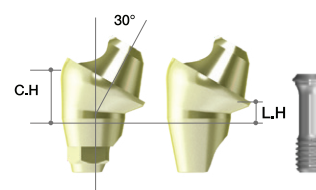


Multi-unit Angled Abutment - 30°

- MUA Screw (MUAOS) included
- MUA Angled Carrier (MUAAC) included

- Recommend torque : Mini / 25Ncm, Regular / 25Ncm
- Mini Connection : Coming Soon

Cuff Height (Labial) (mm)	Connection	Ref.C
3.5 (1.1)	Mini	MUASTMH3035TC
4.5 (2.1)		MUASTMH3045TC
3.5 (1.1)		MUASTMN3035TC
4.5 (2.1)		MUASTMN3045TC
3.5 (1.1)	Regular	MUAAOH3035TC
4.5 (2.1)		MUAAOH3045TC
3.5 (1.1)		MUAAON3035TC
4.5 (2.1)		MUAAON3045TC



►► Contents of Multi-unit Abutment Set

Multi-unit Abutment Healing Cap-type Set Reference Code

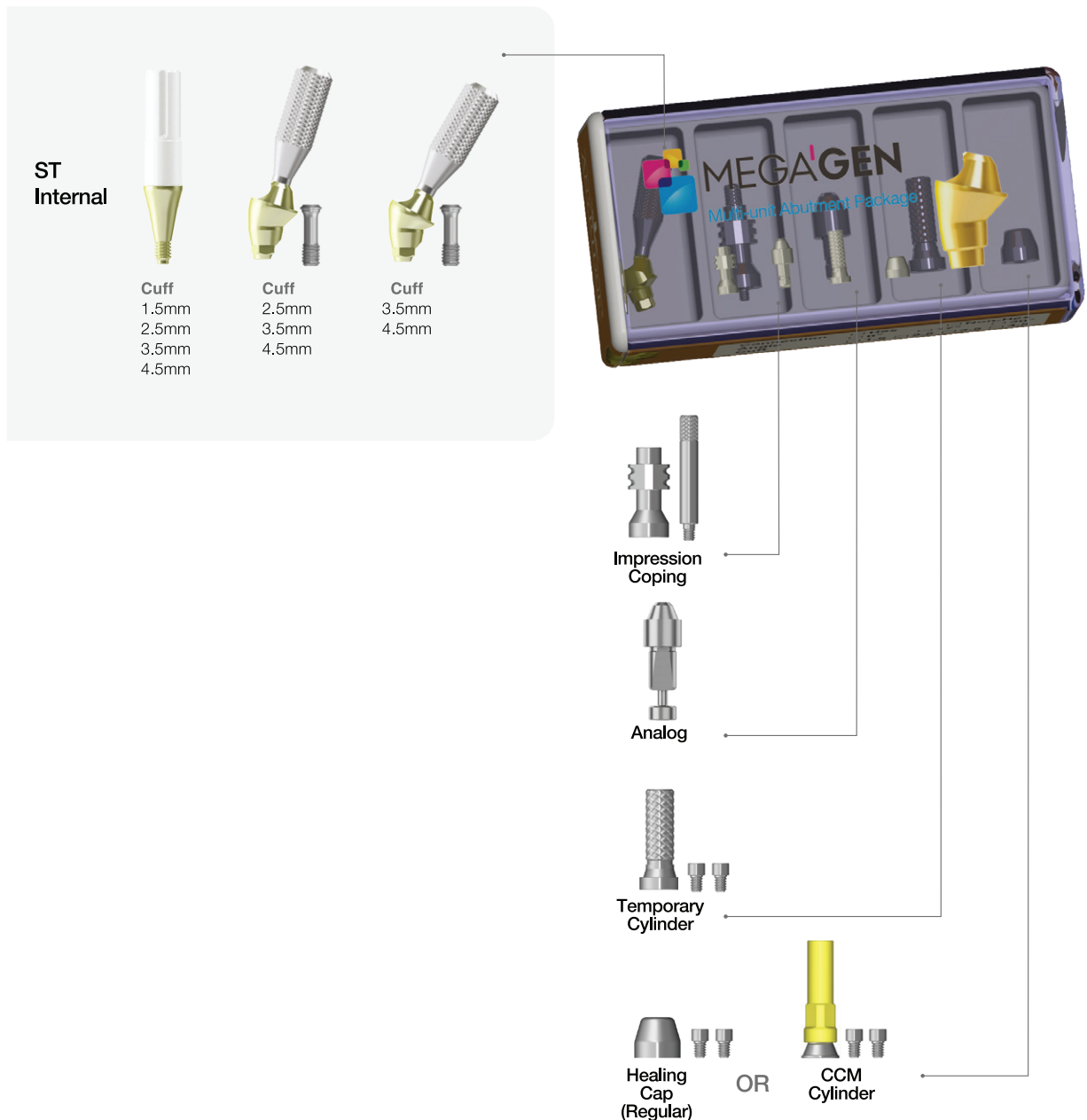
Order code : Available by changing to 'HP' instead of 'C' or 'TC' from current Ref.C

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**

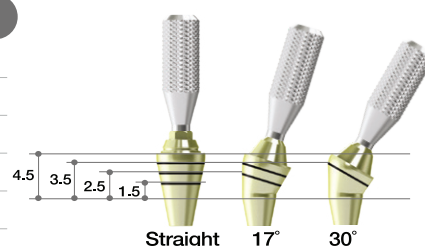


➡ Components for Multi-unit Abutment (Continued)

Try-in Abutment

- Cuff height is indicated with laser markings
- Straight, 17°, 30°
- Mini Connection : Coming Soon

Angle	Connection	Cuff Marking	Ref.C
Straight	Mini	1.5 / 2.5 / 3.5 / 4.5	MUTIASTM00C
17°		2.5 / 3.5 / 4.5	MUTIASTM17C
30°		3.5 / 4.5	MUTIASTM30C
Straight	Regular	1.5 / 2.5 / 3.5 / 4.5	MUTIAAO00C
17°		2.5 / 3.5 / 4.5	MUTIAAO17C
30°		3.5 / 4.5	MUTIAAO30C



Try-in Abutment Set reference code

Order code : MUTIAAO00C P

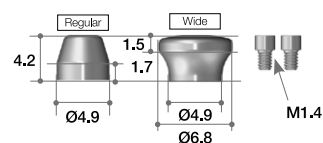
* Kit contains Straight, 17° and 30° type of Try-in Abutments (1 each)



Healing Cap

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

Type	Ref.C
Regular	MUAHCL
Wide	MUAHCWL



Healing Cap Set reference code

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

Ex) MUAHCL → MUAHCP



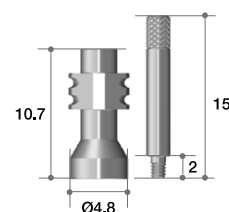
➡ Components for Multi-unit Abutment (Continued)

Impression Coping

(Pick-up)

- Guide pin (MUAGP) included
- For use with impression taking at abutment level

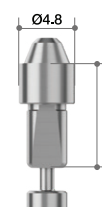
Connection	Ref.C
Non-Hex	MUAICT



Analog

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

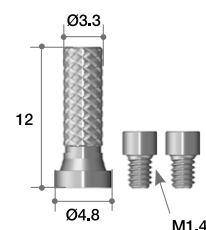
Head form	Ref.C
Multi-unit Abutment(Nobel)	MUAALT



Temporary Cylinder

- Cylinder screws (MUAS) 2EA included
- For use with fabricating acrylic provisional restoration
- Grooves on post cylinder for storing resin adhesion
- Back-up screw is included
- Recommended torque: 15Ncm

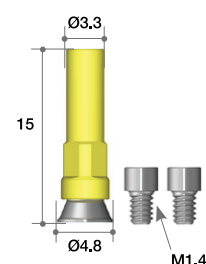
Connection	Ref.C
Non-Hex	MUATCL



CCM Cylinder

- Cylinder screws (MUAS) 2EA included
- For use with fabricating screw-retained prosthesis with metal-reinforced or bar-structured overdenture
- Can be cast using non-precious dental alloys (Ni-Cr, Cr-Co alloys)
- Melting temperature of CCM base: 1300~1400°C
- Back-up screw included
- Recommended torque: 15Ncm

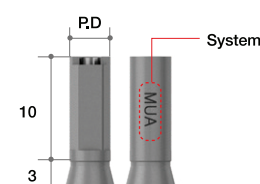
Connection	Ref.C
Non-Hex	MUACCML



Scan Abutments

- Abutment Screw(SAMUAS) included
- For Chairside/ Labside
- Supporting Dental CAD
 - 3Shape / Exocad / Dental Wings
- Recommend torque : By Hand (5~8Ncm)

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

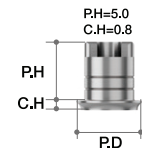


ZrGEN Abutments

- 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

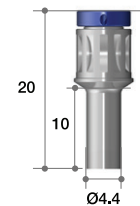
Profile Diameter	Cuff Height (mm)	Post Height (mm)	Type	Ref.C
Ø5.5	0.8	5	N Type	AMUAPR5515N.MTN
		6		AMUAPR5516N.MTN
		8		AMUAPR5518N.MTN



Multi-unit Driver

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

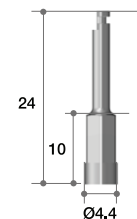
Hex	Length	Ref.C
2.0	10	MUD10



Right Angle Driver

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

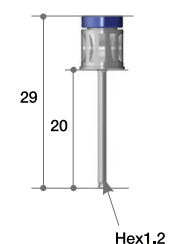
Hex	Length	Ref.C
2.0	10	MURAD10



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

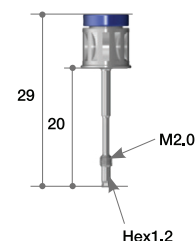


➔ Components for Multi-unit Abutment

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.

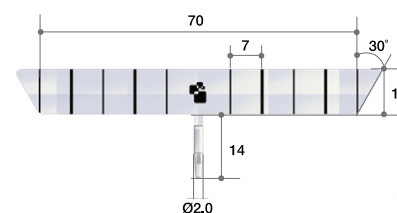
Hex	Length	Ref.C
1.2	20	MUARD20



Surgical Guide

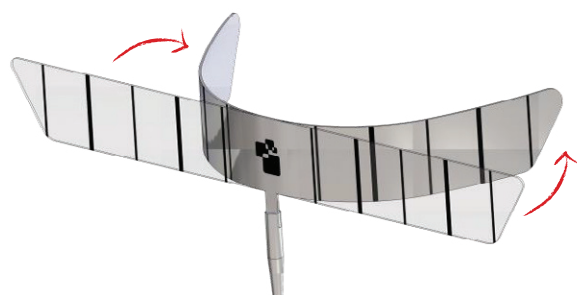
- 7mm distance between lines
- Place center pin after initial drilling at center of arch

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

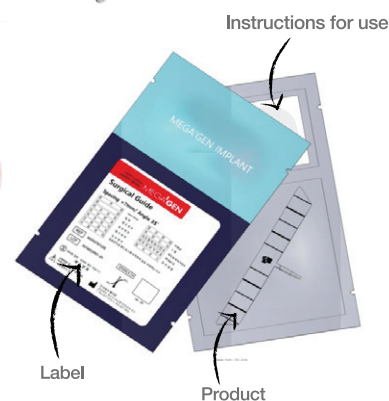
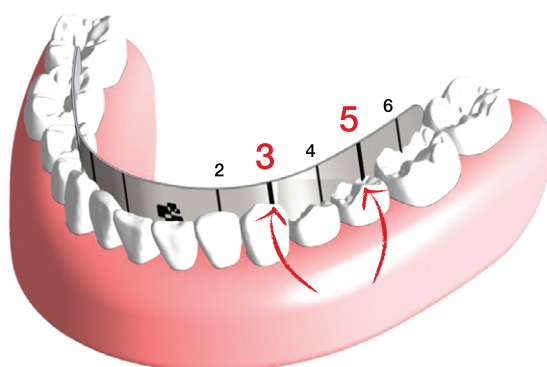


►► How to use Surgical Guide

- * 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]

III. Overdenture Prosthesis

Meg-Ball Abutment & Components



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-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



Connection	Cuff Height (mm)	Ref.C
Mini	0	MBSTM00
	1.0	MBSTM10
	2.0	MBSTM20
	3.0	MBSTM30
	4.0	MBSTM40
	5.0	MBSTM50
	6.0	MBSTM60
	7.0	MBSTM70

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



Meg-Ball Package

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

Connection	Cuff Height (mm)	Ref.C
Mini	0	MBSTM00P
	1.0	MBSTM10P
	2.0	MBSTM20P
	3.0	MBSTM30P
	4.0	MBSTM40P
	5.0	MBSTM50P
	6.0	MBSTM60P
	7.0	MBSTM70P

Connection	Cuff Height (mm)	Ref.C
Regular	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

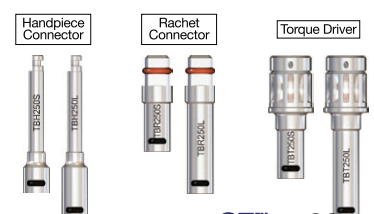
Quantity	Ref.C
5	MBR5
10	MBR10



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.

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

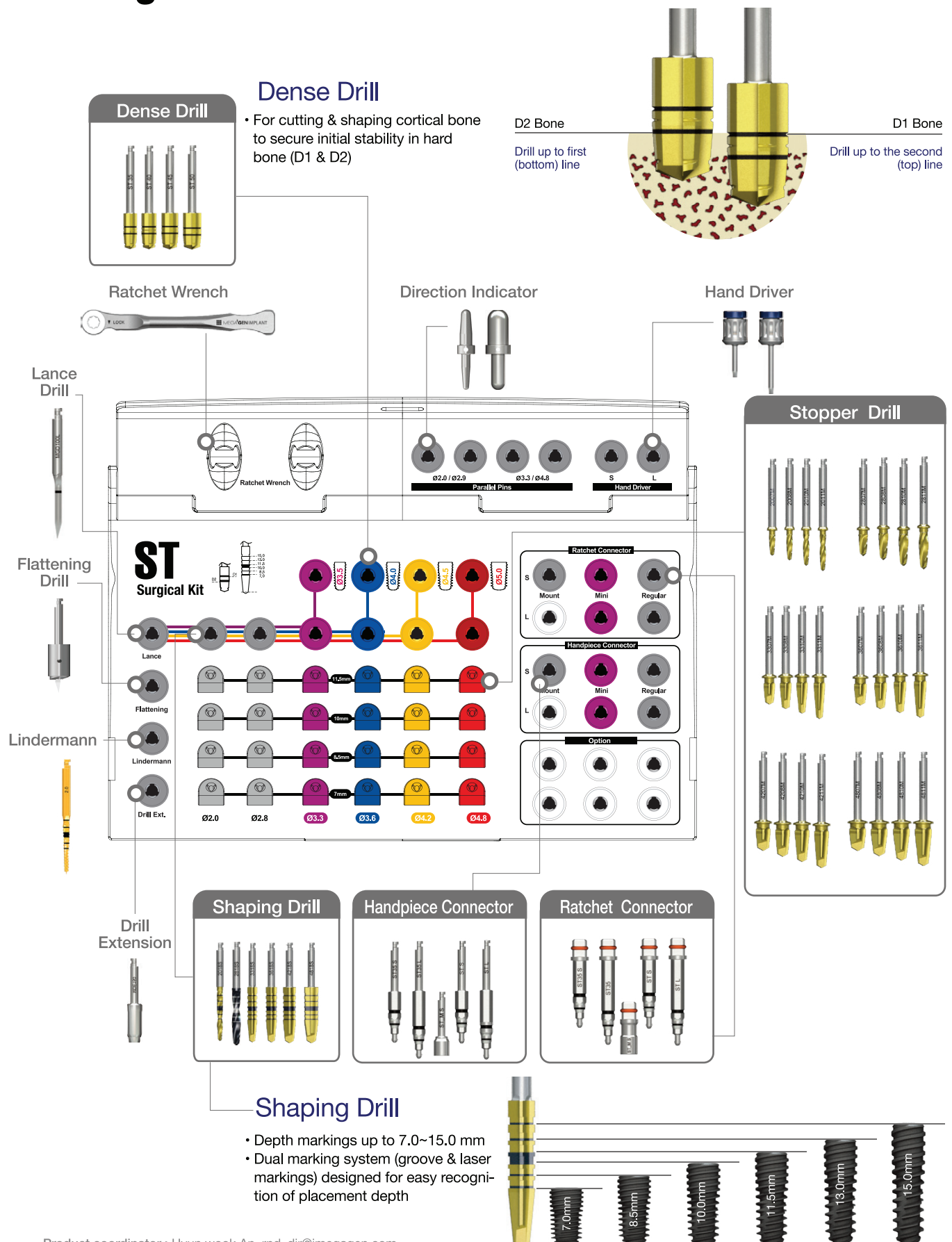


ST Kit

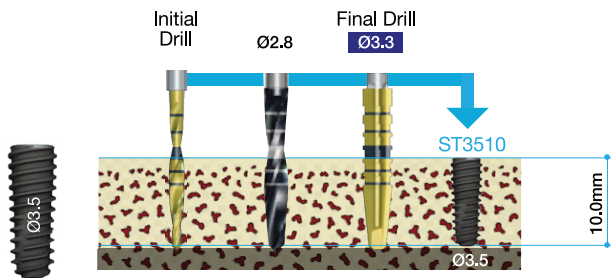
I. Surgical Kit

Ref.C

KSTIN3000



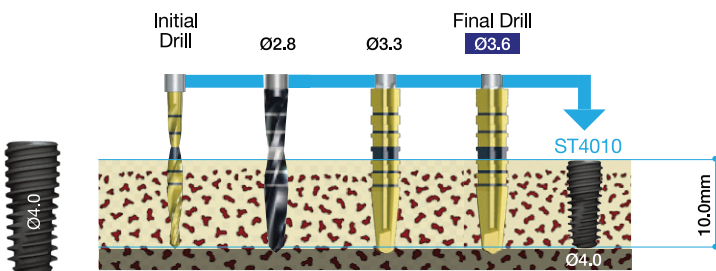
► ► Surgical Drilling Sequence



Ø3.5 Fixture

Ø3.5 Drilling Sequence

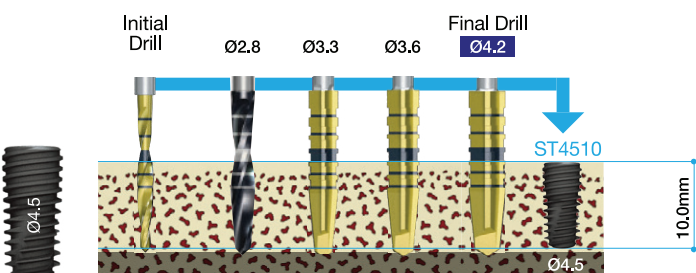
Actual fixture length is 10.0mm & shaping drill length is 0.59mm, so total drill depth is 10.59mm



Ø4.0 Fixture

Ø4.0 Drilling Sequence

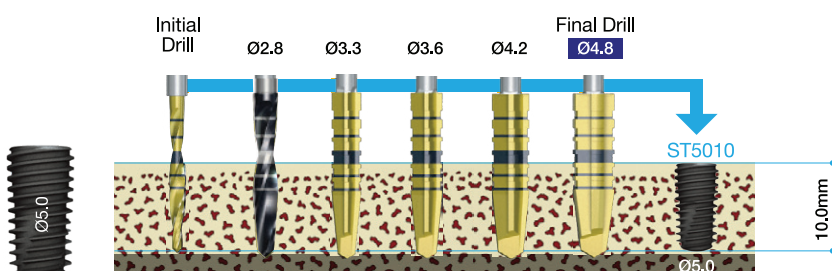
Actual fixture length is 10.0mm & shaping drill length is 0.68mm, so total drill depth is 10.68mm



Ø4.5 Fixture

Ø4.5 Drilling Sequence

Actual fixture length is 10.0mm & shaping drill length is 0.85mm, so total drill depth is 10.85mm



Ø5.0 Fixture

Ø5.0 Drilling Sequence

Actual fixture length is 10.0mm & shaping drill length is 0.89mm, so total drill depth is 10.89mm

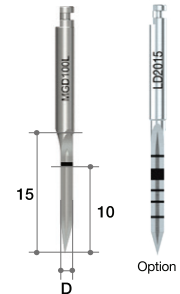
➡ ST Surgical Kit Components (Continued)

Lance Drill

- For easy marking of cortical bone for accurate drilling

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

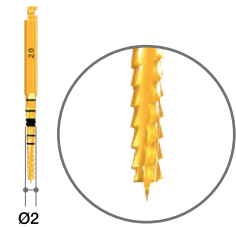
(*) Separate sales item.



Lindermann Drill

- For controlling drilling path

Diameter	Ref.C
Ø2	TEEL200M



Shaping Drill

- Depth markings up to 7.0~15.0mm
- Dual marking system (groove & laser markings) designed for easy recognition of placement depth
- Coated with TiN to resist corrosion & damage

Diameter	Length(mm)	Ref.C
Ø2.0	33	SD2018S
	38	*SD2018M
	43	*SD2018L
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

(*) Separate sales item.



Dense Drill

- For cutting & shaping cortical bone to secure initial stability in hard bone (D1, D2)
- Coated with TiN to resist corrosion & damage

Diameter	Type	Ref.C
Ø3.9	Long	STDD39
Ø4.3		STDD43
Ø4.8		STDD48
Ø5.3		STDD53



➔ ST Surgical Kit Components

Stopper Drill

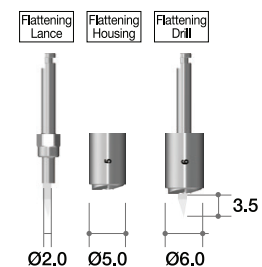
Diameter	Blade Length (mm)	Ref.C
Ø2.0	7	SD2007M
	8.5	SD2008M
	10	SD2010M
	11.5	SD2011M
Ø2.8	7	SD2807M
	8.5	SD2808M
	10	SD2810M
	11.5	SD2811M
Ø3.3	7	SD3307M
	8.5	SD3308M
	10	SD3310M
	11.5	SD3311M
Ø3.6	7	SD3607M
	8.5	SD3608M
	10	SD3610M
	11.5	SD3611M
Ø4.2	7	SD4207M
	8.5	SD4208M
	10	SD4210M
	11.5	SD4211M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



Flattening Drill

- For flattening irregular bone so that stopper drill can drill to accurate depth
- To use flattening lance, connect to housing (Ø5.0 & Ø6.0) according to final drill diameter
- Ø5.0 = Stopper Drill Ø2.0~ Ø4.3
- Ø6.0 = Stopper Drill Ø4.8~ Ø5.4
- Boundary is formed by housing & guides position of subsequent fixture drilling

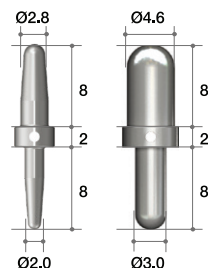
Diameter	Length(mm)	Ref.C
Ø5.0 / Ø2.0	3.5	FD5020
Ø6.0 / Ø2.0		FD6020



Drill Extension

- For extending length of drill connected to handpiece
- Can be damaged if 45Nm or higher torque is applied

Ref.C
MDE150



Direction Indicator

- For checking location, direction, & depth of drilled hole

Diameter	Ref.C
Ø2.0 / Ø2.8	MDI100
Ø3.0 / Ø4.6	MDI348

Ratchet Wrench

- For applying stronger force than handpiece
- No bearing system: no blood-triggered corrosion, not easily damaged
- Connect to ratchet extension to use
- Arrow on head indicates direction of force to be applied

Ref.C

MRW040S

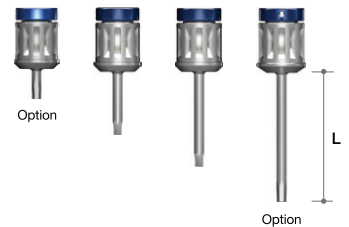


Hand Driver (1.2 Hex)

- For all cover screws, abutment screws, & healing abutments
- Various lengths available
- Can be used as torque driver after connecting it to torque wrench without separate adapter
- Hex tip is designed to withstand 35~45Ncm torque

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

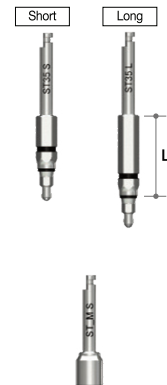


Handpiece Connector

- For retrieving fixture from ampule & positioning in mouth using handpiece
- Spring-type connection allows easier & safer fixture pick-up & positioning
- First (bottom) mark on shaft indicates position of fixture platform, while second (top) mark indicates distance from fixture platform. Lower part indicates 3.5mm from bone level & upper part indicates 4.5mm as guide for flapless surgery.

Length(mm)	Type	Connection	Ref.C
10	Short	Mini	STHCS21
15	Long	Mini	STHCL21
15	Short	Regular	STHCS25
20	Long	Regular	STHCL25

Length(mm)	Type	Connection	Ref.C
15	Short	Mount	STHCS36M

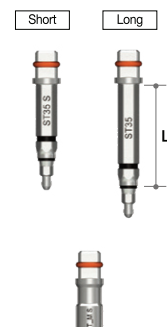


Ratchet Connector

- For placing or removing fixture using ratchet wrench
- Check if ratchet wrench & ratchet connector are connected properly before use
- Too much torque can damage internal hex
- First (bottom) mark on shaft indicates position of fixture platform, while second (top) mark indicates distance from fixture platform. Lower part indicates 3.5mm from bone level & upper part indicates 4.5mm as guide for flapless surgery.

Length(mm)	Type	Connection	Ref.C
10	Short	Mini	STRCS21
15	Long	Mini	STRCL21
15	Short	Regular	STRCS25
20	Long	Regular	STRCL25

Length(mm)	Type	Connection	Ref.C
15	Short	Mount	STRCS36M



Clinical Cases

➡ Clinical Case 1

- Courtesy of Dr. Dae Hee Lee

Fig 1. Due to severe chronic adult periodontitis, bone is quite significantly resorbed across entire upper dentition.

Fig 2. All teeth from premolars to molars were extracted, and waited for more than 2 months.

Fig 3. Lateral sinus graft and GBR were performed on right side.

Fig 4. Same procedures were performed on left side, and perforated sinus membrane was repaired with collagen membrane.

Fig 5. After 5 months, ST implants were placed and bone core biopsies taken from #15 and #25.

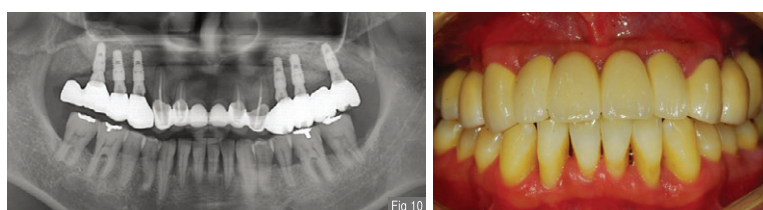
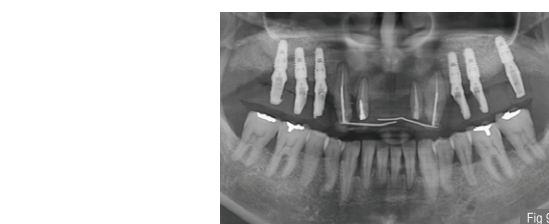
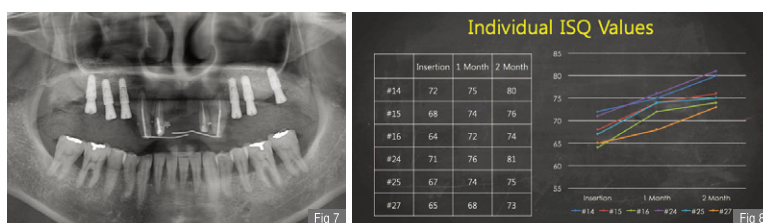
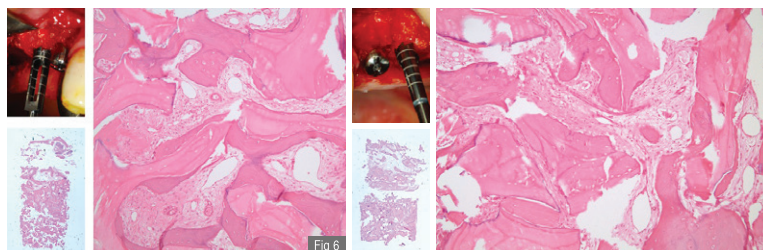
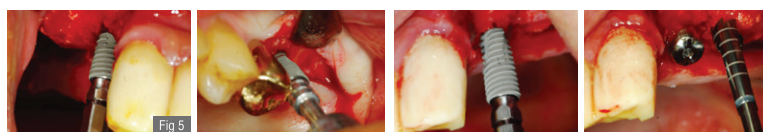
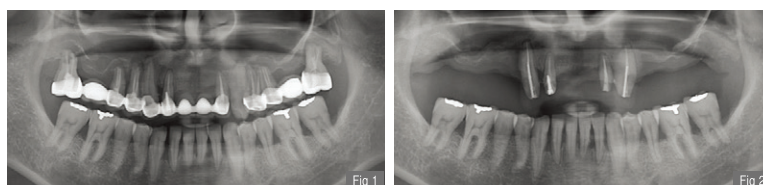
Fig 6. Vital bone formation area at 5 mm depth cut > 30%

Fig 7. ST Implant 4010 were placed at #14 and #24, and ST Implant 4510 in other areas.

Fig 8. All ISQ values were good, so impression was taken after 2 months.

Fig 9. Temporary bridge after 2.5 months.

Fig 10. Final prosthesis.



➔ Clinical Case 2

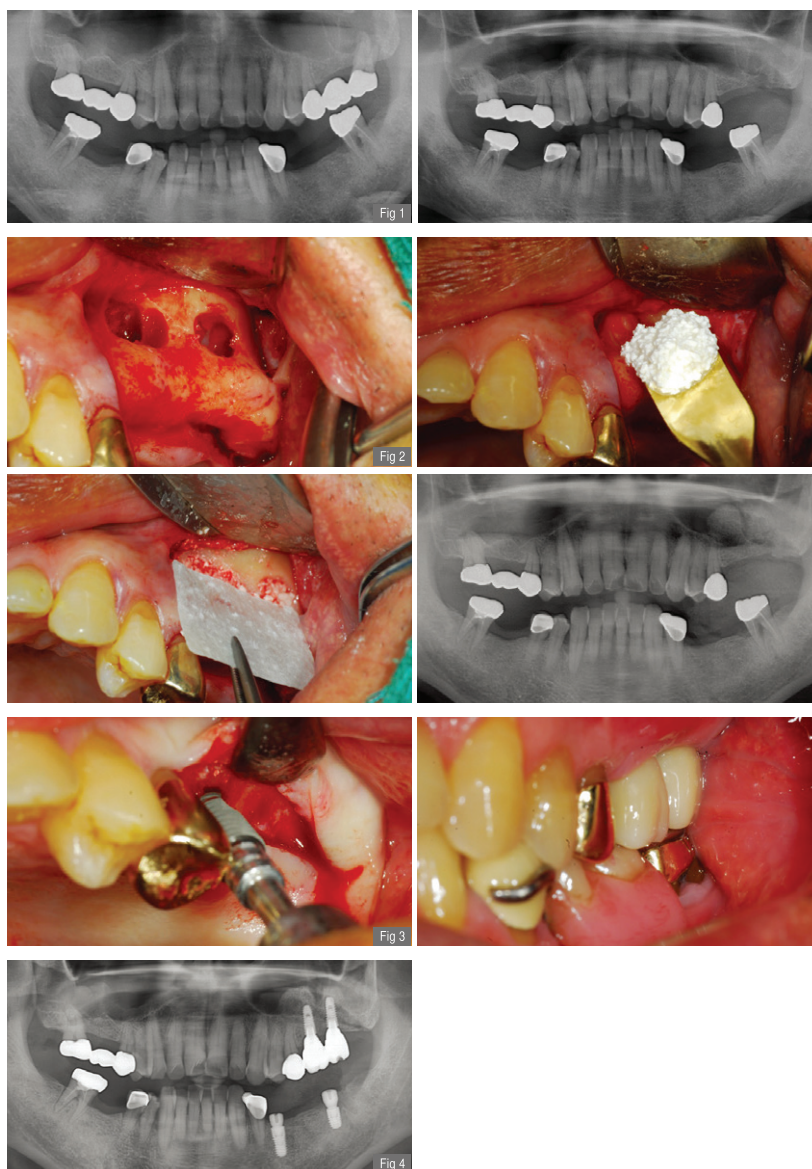
- Courtesy of Dr. Dae Hee Lee

Fig 1. #27 was extracted due to chronic periodontitis, and waited for 2 months.

Fig 2. Two lateral windows were made on septum.

Fig 3. Two ST implants (4510) were placed after 4 months.

Fig 4. 2-year follow-up.



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