

SDM

implant



—Manufacture

SDM Co., Ltd.

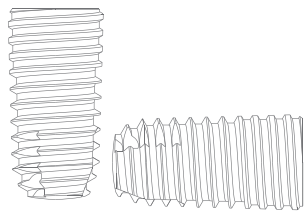
110 Commercialization Building 3dong, 333 Cheomdangwagi-ro, Buk-gu, Gwang ju, KOREA

Tel : +82-70-5178-1958

Web : www.sdmimplant.com

Fax : +82-70-4855-2609

Email : sdm00695@naver.com



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SDM is an expert company for dental implants.

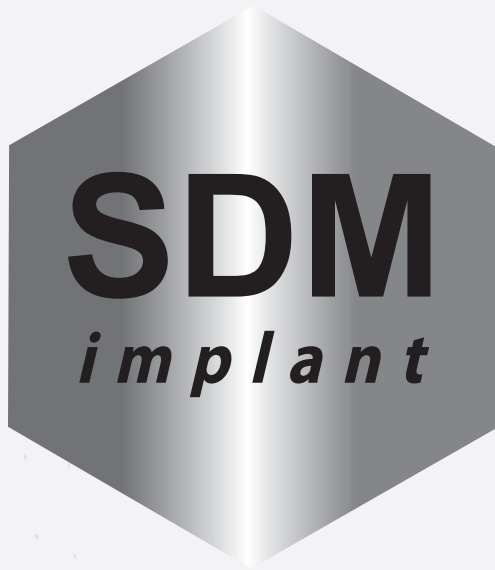
We export many countries such as China, USA, Southeast Asia , Iran and etc.

SDM has developed and produced all kinds of dental implants like fixture, abutment, analog and etc. we manufacture orthodontic screw and mini implant.

SDM can provide various kinds of dental products with you and satisfy your needs.

Our strength is to supply the highest quality products at an competitive price.

We will continually focus on enhancing the world best quality.



SDM FIXTURE COLOR CODES

With color codes it is easy to identify the implant's diameter.



Body Thread

Double Thread for reducing surgery time
Stable fixation

Cutting Edge

Using the helical cutting edge, improving self tapping ability
Differentiating blade parts according to diameter,
Equalize the support force of the outer diameter screw part

Apex

Dome-type Design for Sinus Evaluation

Platform Switching

Bone Loss Prevention

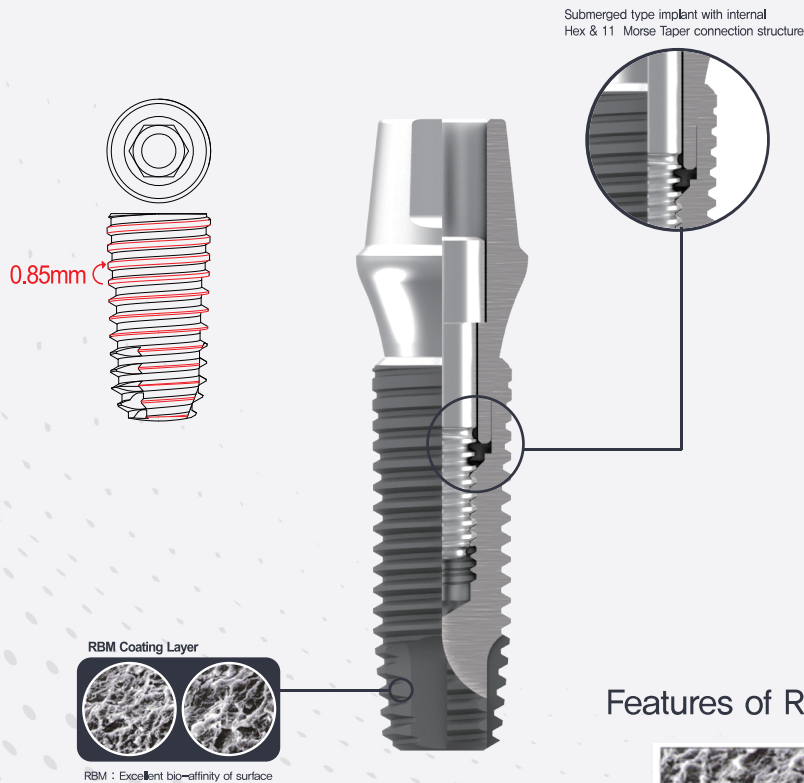
Surface

SLA/RBM Surface treatment : stable osteopor

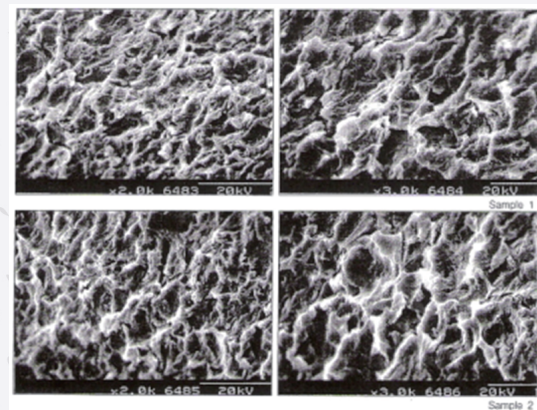
Tapered Body

Good initial stability
Open Thread use, easy to adjust the depth of fit

Submerged type implant with an Internal HEX & 11' Morse Taper connection structure
Increased osseointegration in the cortical bone
Decreased marginal bone loss
Tapered thread and double-tapered shape enable excellent initial bonding
Stability with soft bone

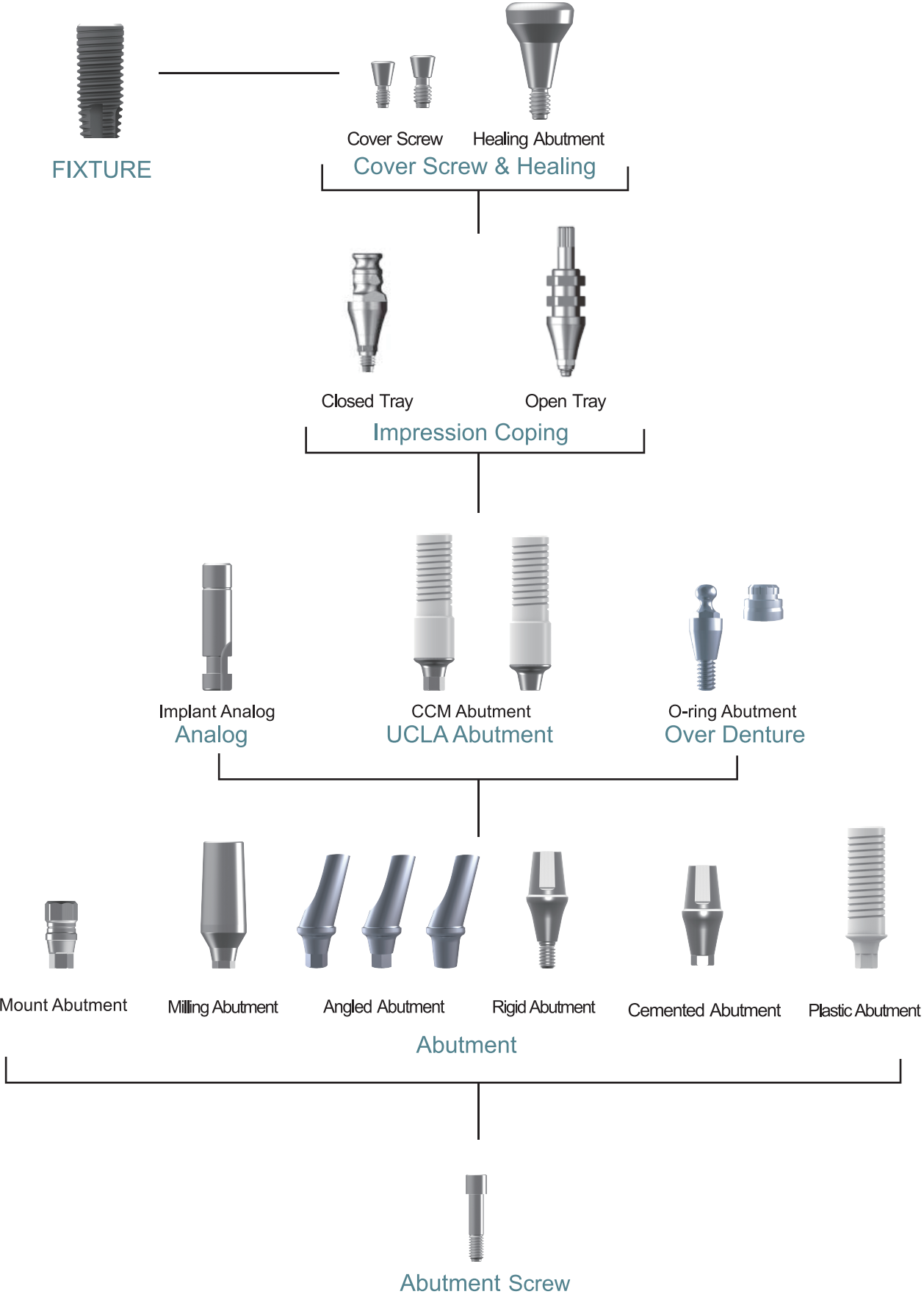


Features of RBM Surface Treatment Layer

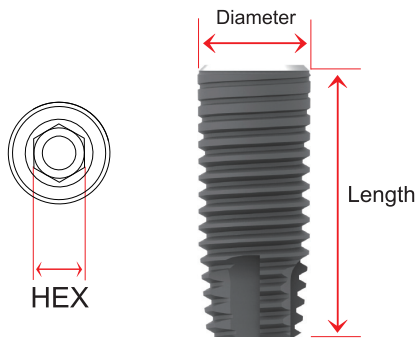


We choose SLA/RBM surface treatment which is proved to be safe for a long term and acquired stable osseointegration through various clinical cases.
We realized optimum roughness using HA blasting media.
We make clean surface through automatic cleaning process for customers.
In addition, we produce dental implants in HA coating and SLA surface treatment.

FLOW CHART



Fixture



D Diameter \emptyset
L Length
R Order code
GX3508
D L

- Submerged type implant with an Internal
- Hex & 11' Morse Taper connection structure
- Limited insertion torque : 40Ncm






Ø3.5



					
L	8.5mm	10mm	11.5mm	13mm	15mm
R	GX3508	GX3510	GX3511	GX3513	GX3515

Ø4.0



					
L	8.5mm	10mm	11.5mm	13mm	15mm
R	GX4008	GX4010	GX4011	GX4013	GX4015


Ø4.5



					
L	8.5mm	10mm	11.5mm	13mm	15mm
R	GX4508	GX4510	GX4511	GX4513	GX4515

Ø5.0



					
L	8.5mm	10mm	11.5mm	13mm	15mm
R	GX5008	GX5010	GX5011	GX5013	GX5015

Cover Screw

Packing unit : Cover screw

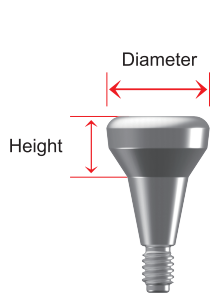
- Use 1,2 Hex Drivers
- Tightening torque : 5–8 Ncm



	L	REF
	5.8mm	GCSN2858

	L	REF
	6.55mm	GCSR3865

Healing Abutment



D Diameter \emptyset

H Height


R Oder code

HA5513-M
D H 

Packing unit : Healing Abutment

- Use 1,2 Hex Drivers
- Tightening torque : 5–8 Ncm

Ø4.5

	H	2.0mm	3.0mm	4.0mm	5.0mm
	R	HA4502-M	HA4513-M	HA4524-M	HA4535-M





Ø5.5

	H	2.0mm	3.0mm	4.0mm	5.0mm
	R	HA5502-M	HA5513-M	HA5524-M	HA5535-M

Healing Abutment





Ø4.5



				
H	2.0mm	3.0mm	4.0mm	5.0mm
R	HA4502	HA4513	HA4524	HA4535





Ø5.5



				
H	2.0mm	3.0mm	4.0mm	5.0mm
R	HA5502	HA5513	HA5524	HA5535

Ø6.5



				
H	2.0mm	3.0mm	4.0mm	5.0mm
R	HA6502	HA6513	HA6524	HA6535

Impression Coping

Packing unit : Impression Coping body + Guide Pin (Hex)
 Traingular arc design improves markability follwing impression



Closed tray



Open tray



Closed tray



REF
GXIMCCT-M



REF
GXIMCCT-R

Open tray



REF
GXIMCOT-M

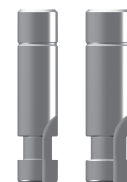


REF
GXIMCOT-R

Analog

Packing unit : Lab analog

- Oral fixtures are built on the working model



REF
GXLAB-M



REF
GXLAB-R

CCM Abutment



- Packing unit : Abutment + Plastic Sleeve + Abutment screw
- Use for cases with path and aesthetic and spatial constraints
 - After customization, be sure to use dental alloy for casting to make the prosthesis
 - Abutment (Co-Cr-Mo Alloy) melting point 1,380 ° C to 1420 ° C
 - Use a 1,2 Hex Driver
 - Tightening torque : NP 20 Ncm, RP 30 Ncm

D Diameter Ø
 C Cuff
 R Oder code
UA403/N-M
 D C HEX / NonHEX 2.1 Mini

Ø4.0



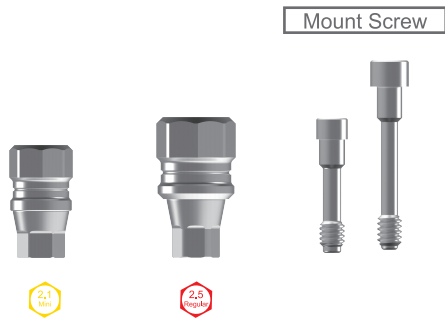
C (mm)	1.0mm	3.0mm
REF	UA401-M UA401N-M	UA403-M UA403N-M

Ø4.5



C (mm)	1.0mm	3.0mm
REF	UA451 UA451N	UA453 UA453N

Mount Abutment



Packing unit : Abutment+Screw

- Usable for impression substitute
- Usable for general cemented abutment after cutting the top
- Working as an adaptor in implanting
- Torque limit : 40Ncm(implanting fixture)
- Torque limit : 30Ncm(controlling Screw)

Ø2.08



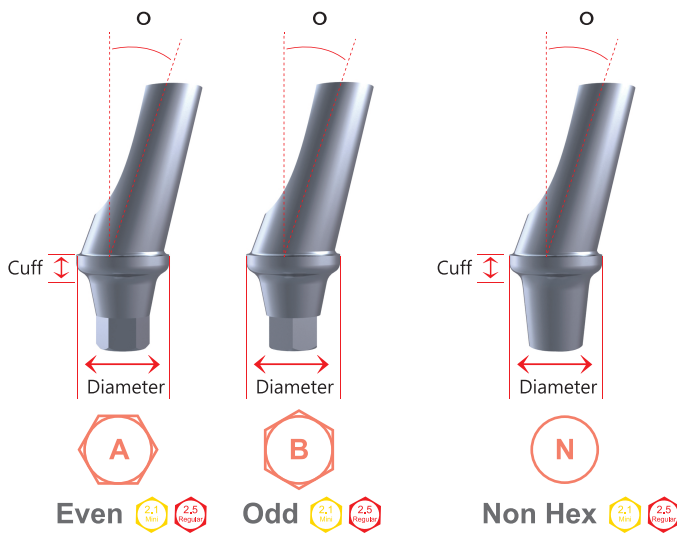
L	REF
11.5mm	GMN4312

Ø2.48



L	REF
11.5mm	GMR4311

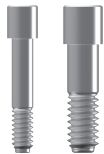
Angled Abutment- Two piece



Packing unit : Abutment + Abutment screw

- Use for the path adjustment of prosthesis
- Even / Odd two type hex connection overcoming the limitation of the abutment
- Use a 1,2 Hex Driver
- Tightening torque : NP 20 Ncm, RP 30 Ncm

Screw Abutment



D Diameter \varnothing

C Cuff

○ Angle

R Oder code

AA45215A/B/N-M
 D C ° Even A / Odd B / Non HEX 
 15°

Ø4.5



C (mm)	2.0		4.0	
°/R 15°	AA42515A-M	AA45215N-M	AA45415A-M	AA45415N-M
	AA45215B-M		AA45415B-M	
25°	AA45225A-M	AA45225N-M	AA45425A-M	AA45425N-M
	AA45225B-M		AA45425B-M	

Ø4.5



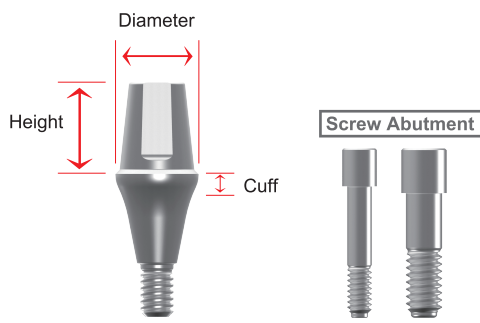
C (mm)	2.0		4.0	
°/R 15°	AA45215A	AA45215N	AA45415A	AA45415N
	AA45215B		AA45415B	
25°	AA45225A	AA45225N	AA45425A	AA45425N
	AA45225B		AA45425B	

Ø5.5



C (mm)	2.0		4.0	
°/R 15°	AA55215A	AA55215N	AA55415A	AA55415N
	AA55215B		AA55415B	
25°	AA55225A	AA55225N	AA55425A	AA55425N
	AA55225B		AA55425B	

Rigid Abutment- One Piece



D Diameter \varnothing

H Height

C Cuff

Ref Order code







GRAN4420
D H C

Packing unit : Abutment+Screw

- Use 1.2 Hex Drivers
- Tightening torque : NP 20 Ncm, RP 30 Ncm







Ø4.0





			
H	4.0mm	5.5mm	7.0mm
C(mm)/R 2.0	GRAN4420	GRAN4620	GRAN4720
			
C(mm)/R 3.0	GRAN4430	GRAN4630	GRAN4730

Ø4.0






			
H	4.0mm	5.5mm	7.0mm
C(mm)/R 2.0	GRA4420	GRA4620	GRA4720
			
C(mm)/R 3.0	GRA4430	GRA4630	GRA4730

H		
	5.5mm	7.0mm
C(mm)/R	2.0	2.0
	GRA5620	GRA5720

Ø5.0





		
C(mm)/R	3.0	3.0
	GRA5630	GRA5730

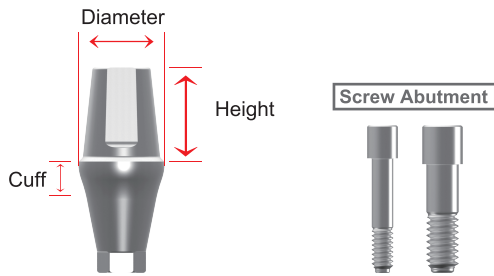
H			
	4.0mm	5.5mm	7.0mm
C(mm)/R	2.0	2.0	2.0
	GRA6420	GRA6620	GRA6720

Ø6.0



			
C(mm)/R	3.0	3.0	3.0
	GRA6430	GRA6630	GRA6730

Cemented Abutment- Two piece



Packing unit : Abutment + Abutment screw

- Use for making general cement-type prosthesis
- Tapered body design facilitating prosthetic fit
- cross-section design for the prevention of prosthesis rotation
- Use a 1,2 Hex Driver
- Tightening torque : NP 20 Ncm, RP 30 Ncm



D Diameter \emptyset

H Height

C Cuff

R Oder code

GTA45551/N-M
D H C HEX / NonHEX 2.1 Mini

GTA5410/N
D C HEX / NonHEX

Ø4.5



C (mm)	1.0	2.0	3.0	4.0	5.0
H/R 5.5mm	GTA45551-M	GTA45552-M	GTA45553-M	GTA45554-M	GTA50555-M

GTA45551N-M GTA45552N-M GTA45553N-M GTA45554N-M GTA50555N-M

Ø5.0



C (mm)		1.0	2.0	3.0	4.0
H/R	5.5mm	GTA5611	GTA5621	GTA5631	GTA5641

Ø5.5



		1.0	2.0	3.0	4.0
C (mm)					
H/R	5.5mm	GTA50551-M GTA50551N-M	GTA50552-M GTA50552N-M	GTA50553-M GTA50553N-M	GTA50554-M GTA50554N-M






Ø4.5



C (mm)		1.0	2.0	3.0	4.0	5.0
H/R	4.0mm	GTA45410 GTA45410N	GTA45420 GTA45420N	GTA45430 GTA45430N	GTA45440 GTA45440N	GTA45450 GTA45450N
	5.5mm	GTA45610 GTA45610N	GTA45620 GTA45620N	GTA45630 GTA45630N	GTA45640 GTA45640N	GTA45650 GTA45650N
H/R	7.0mm	GTA45710 GTA45710N	GTA45720 GTA45720N	GTA45730 GTA45730N	GTA45740 GTA45740N	GTA45750 GTA45750N






Ø5.0



					
C (mm)	1.0	2.0	3.0	4.0	5.0
H/R	<i>GTA5410</i>	<i>GTA5420</i>	<i>GTA5430</i>	<i>GTA45740</i>	<i>GTA5450</i>
4.0mm	<i>GTA5410N</i>	<i>GTA5420N</i>	<i>GTA5430N</i>	<i>GTA5440N</i>	<i>GTA5450N</i>
5.5mm	<i>GTA5610</i>	<i>GTA5620</i>	<i>GTA5630</i>	<i>GTA5640</i>	<i>GTA5650</i>
	<i>GTA5610N</i>	<i>GTA5620N</i>	<i>GTA5630N</i>	<i>GTA5640N</i>	<i>GTA5650N</i>
7.0mm	<i>GTA5710</i>	<i>GTA5720</i>	<i>GTA5730</i>	<i>GTA5740</i>	<i>GTA5750</i>
	<i>GTA5710N</i>	<i>GTA5720N</i>	<i>GTA5730N</i>	<i>GTA5740N</i>	<i>GTA5750N</i>

Ø5.5



					
C (mm)	1.0	2.0	3.0	4.0	5.0
H/R	<i>GTA55410</i>	<i>GTA55420</i>	<i>GTA55430</i>	<i>GTA55440</i>	<i>GTA55450</i>
4.0mm	<i>GTA55410N</i>	<i>GTA55420N</i>	<i>GTA55430N</i>	<i>GTA55440N</i>	<i>GTA55450N</i>
5.5mm	<i>GTA55610</i>	<i>GTA55620</i>	<i>GTA55630</i>	<i>GTA55640</i>	<i>GTA55650</i>
	<i>GTA55610N</i>	<i>GTA55620N</i>	<i>GTA55630N</i>	<i>GTA55640N</i>	<i>GTA55650N</i>
7.0mm	<i>GTA55710</i>	<i>GTA55720</i>	<i>GTA55730</i>	<i>GTA55740</i>	<i>GTA55750</i>
	<i>GTA55710N</i>	<i>GTA55720N</i>	<i>GTA55730N</i>	<i>GTA55740N</i>	<i>GTA55750N</i>

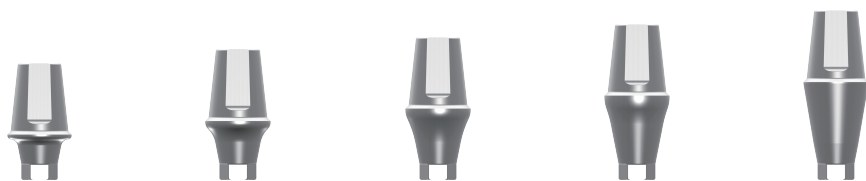
Cemented Abutment- Two piece

Ø6.0



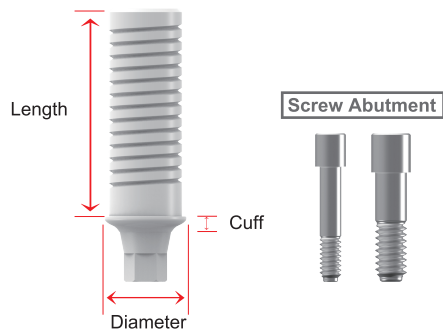
C (mm)	1.0	2.0	3.0	4.0	5.0
H/R					
4.0mm	GTA6410	GTA6420	GTA6430	GTA6440	GTA6450
	GTA56410N	GTA6420N	GTA6430N	GTA6440N	GTA6450N
5.5mm	GTA6610	GTA6620	GTA6630	GTA55740	GTA6650
	GTA6610N	GTA6620N	GTA6630N	GTA6640N	GTA6650N

Ø6.5



C (mm)	1.0	2.0	3.0	4.0	5.0
H/R					
4.0mm	GTA65410	GTA65420	GTA65430	GTA65440	GTA65450
	GTA65410N	GTA65420N	GTA65430N	GTA65440N	GTA65450N
5.5mm	GTA65610	GTA65620	GTA65630	GTA65640	GTA65650
	GTA65610N	GTA65620N	GTA65630N	GTA65640N	GTA65650N
7.0mm	GTA65710	GTA65720	GTA65730	GTA65740	GTA65750
	GTA65710N	GTA65720N	GTA65730N	GTA65740N	GTA65750N

Plastic Abutment



Packing unit : Abutment+Screw

- Use 1,2 Hex Drivers
- Tightening torque : 30 Ncm

D Diameter Ø

L Length

C Cuff

R Oder code

GUCLARH



Ø4.5



L	11.4mm
C(mm)/R	1.56 GUCLAMIH

Ø4.5



L	11.65mm
C(mm)/R	1.75 GUCLAMINH

Ø4.5



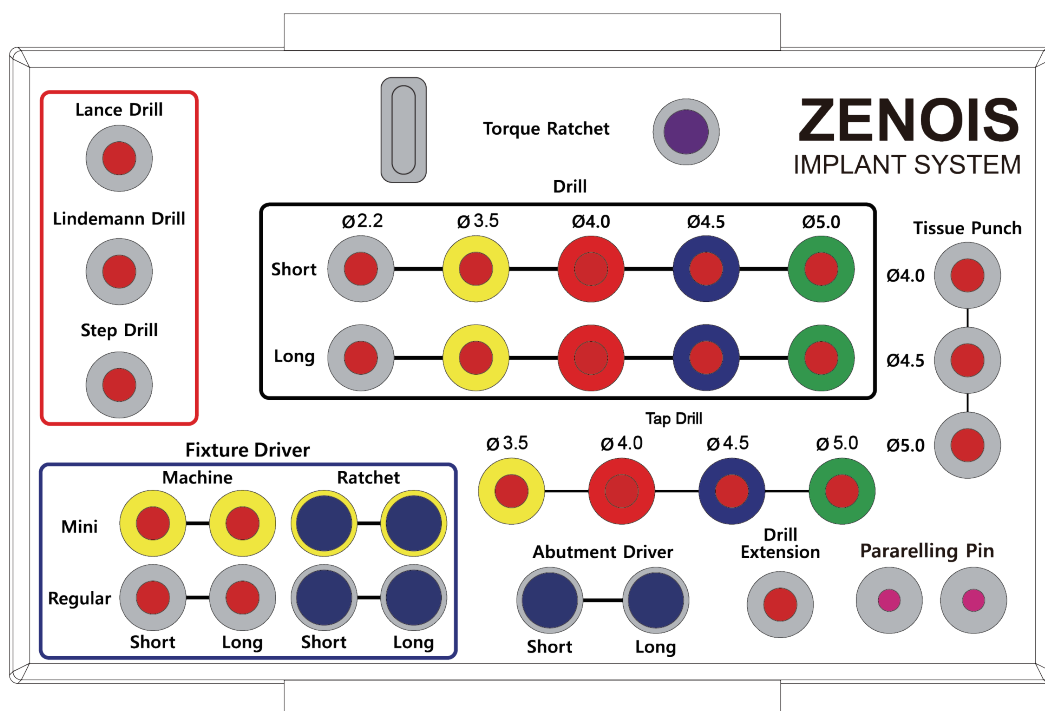
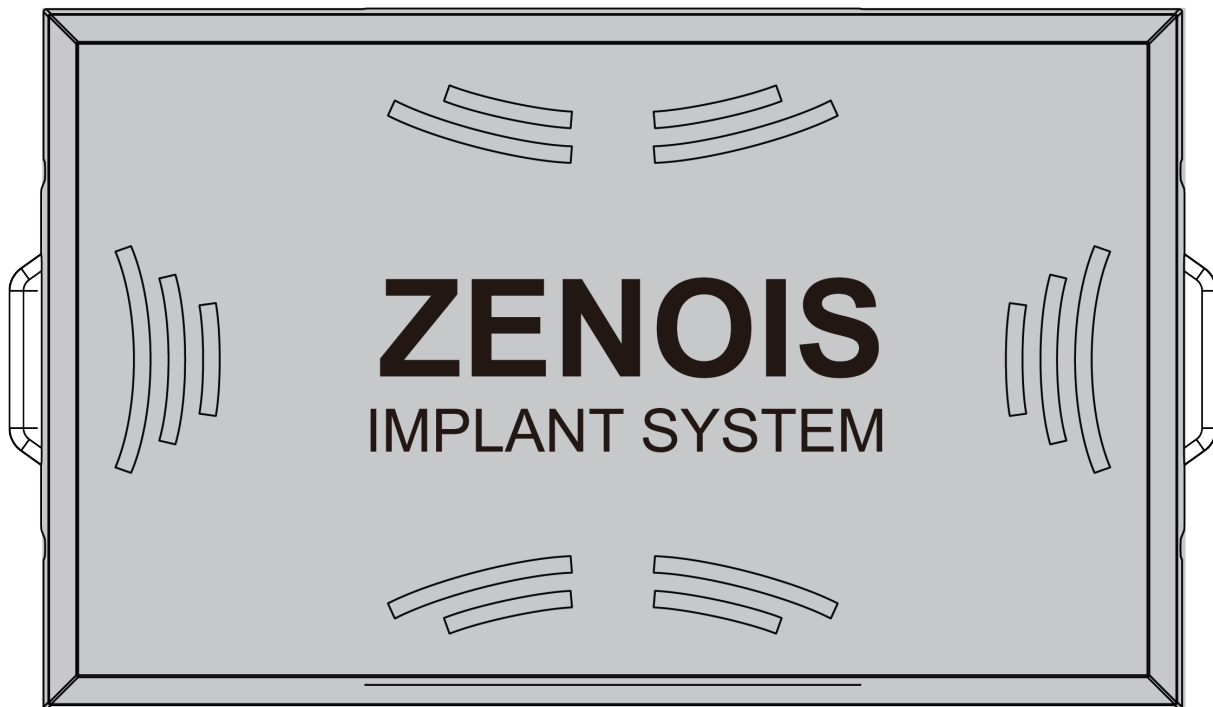
L	11.5mm
C(mm)/R	2.5 GUCLARH

Ø4.5

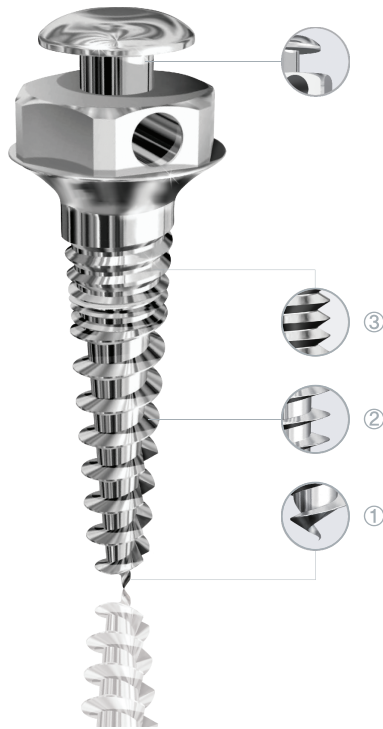


L	11.6mm
C(mm)/R	1.9 GUCLARNH

Surgical Kit



Orthodontic Screw



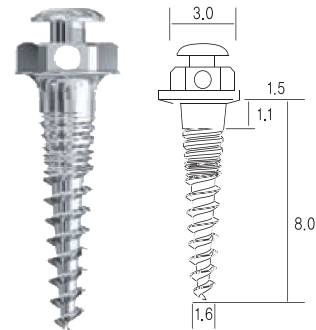
New idea for Mini Implant in Orthodontic Treatment

Features

It doesn't depend on the operator's skill or the bony tissue of the patient lot, which is unlike other mini-implants system.

- ▶ Triangular screw design(①) with sharp end and cutting edge acts to help self-tapping and screwing into bone smoothly.
- ▶ Round screw + triangular screw(②) which work for different purpose can make each part connect easily and the screw planted in its place.
- ▶ As you load the screw more and more deeply, the screw shape of S-Thread(③) helps get more firmly closed to the bone and it can get strong fixing force with wedge effect initial loading. Since the screws has 0.4mm space between each others, it can prevent the cortex bone absorption due to the additional infection of bacteria or germs.

Spec



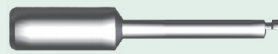
Model	Diameter	Length	Model	Diameter	Length
IC - T1206	1.2mm	6mm	IC - T1506	1.5mm	6mm
IC - T1208	1.2mm	8mm	IC - T1508	1.5mm	8mm
IC - T1210	1.2mm	10mm	IC - T1510	1.5mm	10mm
IC - T1212	1.2mm	12mm	IC - T1512	1.5mm	12mm
IC - T1406	1.4mm	6mm	IC - T1606	1.6mm	6mm
IC - T1408	1.4mm	8mm	IC - T1608	1.6mm	8mm
IC - T1410	1.4mm	10mm	IC - T1610	1.6mm	10mm
IC - T1412	1.4mm	12mm	IC - T1612	1.6mm	12mm
			IC - T1614	1.6mm	14mm
			IC - T1616	1.6mm	16mm

Instrument

H.P Driver(Short)

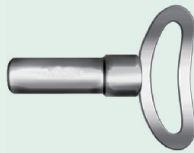


H.P Driver(Long)



(option)

Mini Handle



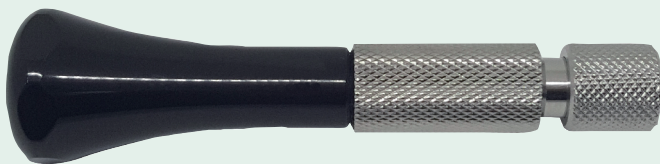
Drill(1.2mm)



Driver Shaft



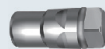
Universal Driver



Ratchet Driver



Ratchet Driver Tip



Contra Angle Driver



H.P Driver(Short,Long)

