

S I M P L E
E A S Y
B E T T E R

Luna 



شرکت بنیان دندان ایرانیان - نماینده انحصاری کمپانی شینهانگ کره جنوبی



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BDI-co.com



Bonyandandan



Luna.Implant

Tapered-Straight-Tapered Design

Tapered Section -

Provides firm fixation in Crestal bone

Straight Section -

Provides stability and control of implant depth

Tapered Section -

When matched with the drill, allows for easy depth control and additional stability. Through changes in the drill design, initial fixation is easily obtained even in thin Crestal bone

S&E Surface

Sand blasted & acid Etched

Average roughness above 2.5um

Bone healing period reduced by 20%

Cell response increased by over 20%

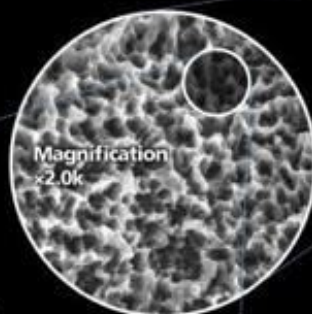
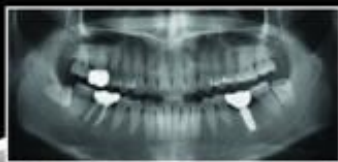
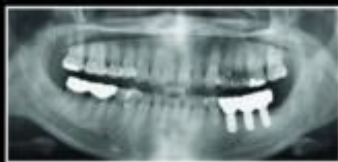
Excellent initial fixation even in soft bone

30 step cleansing and washing process guarantees a clean surface

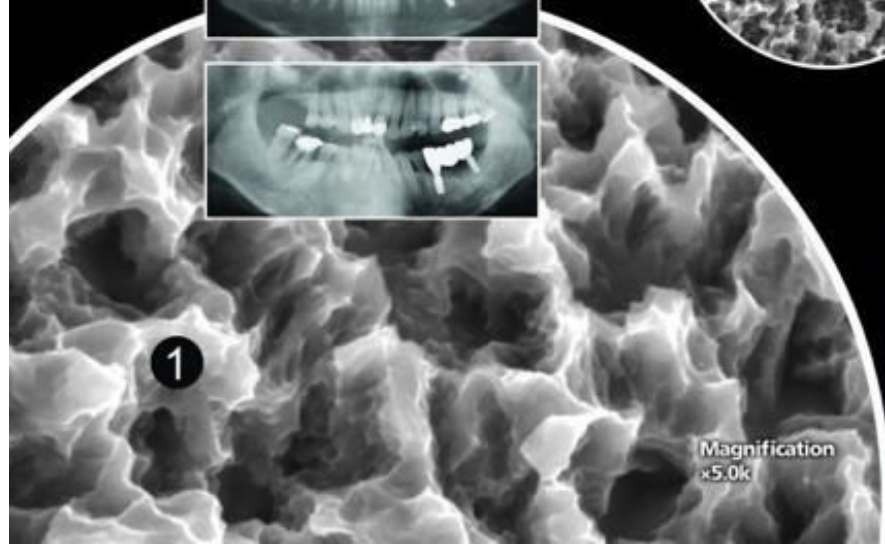
Five step safety test ensures a safe surface

Luna 3

Clinical Examples



Magnification
x2.0k



Magnification
x5.0k

Tapered

Straight

Tapered

1st Thread

First thread designed to minimize bone absorption

Cortical Bone

Thread thickness is increased, improving initial fixation and preventing the need of excessive torque during implantation

Trabecular Bone

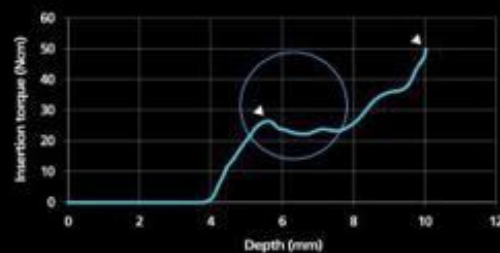
The straight section and lower taper section have a larger bone chip pocket space to increase the clamping force even in cancellous bone

Insertion Torque Test

As initial insertion torque values rise, initial stability increases and when combined with the stability of the S&E surface, loading time is decreased

By tuning the torque characteristics over the entire implant, differences in torque values are minimized

Stability & Stimulation for torque distribution of implant



Self Tapping Edge

Through the straight cutting edge design, self tapping and path modification are possible

In the 7mm implant, self cutting is minimized through an increase in surface area, increasing stability

Fixture

S&E No Mount

Length (mm)					
	 Diameter 3.5	 Diameter 4.0	 Diameter 4.5	 Diameter 5.0	 Diameter 6.0
7		NSIR4007SF	NSIR4507SF	NSIR5007SF	NSIR6007SF
8.5	NSIN3508SF	NSIR4008SF	NSIR4508SF	NSIR5008SF	NSIR6008SF
10	NSIN3510SF	NSIR4010SF	NSIR4510SF	NSIR5010SF	NSIR6010SF
11.5	NSIN3511SF	NSIR4011SF	NSIR4511SF	NSIR5011SF	NSIR6011SF
13	NSIN3513SF	NSIR4013SF	NSIR4513SF	NSIR5013SF	NSIR6013SF
15	NSIN3515SF	NSIR4015SF	NSIR4515SF	NSIR5015SF	

Cover Screw

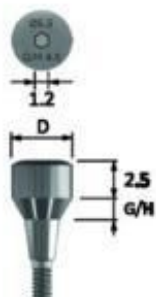
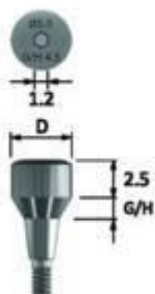
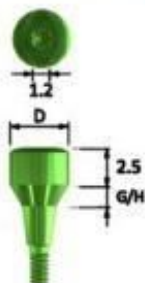


NP
SCN00



RP
SCR00

Healing Abutment

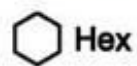


Type	D(Ø)	G/H(mm)	Order Code
Mini	4.0	1.0	HAS4010
		1.5	HAS4015
		2.0	HAS4020
		2.5	HAS4025
		3.5	HAS4035
		4.5	HAS4045
		5.5	HAS4055
		6.5	HAS4065

Type	D(Ø)	G/H(mm)	Order Code
Regular	4.0	0.0	HA4000
		1.0	HA4010
		1.5	HA4015
		2.5	HA4025
		3.5	HA4035
		4.5	HA4045
		5.5	HA4055
		6.5	HA4065
		8.5	HA4085
		10.5	HA40105
	4.5	0.0	HA4500
		1.0	HA4510
		1.5	HA4515
		2.5	HA4525
		3.5	HA4535
		4.5	HA4545
		5.5	HA4555
		6.5	HA4565
		8.5	HA4585
		10.5	HA45105
	5.5	0.0	HA5500
		1.5	HA5515
		2.5	HA5525
		3.5	HA5535
		4.5	HA5545
		5.5	HA5555
		6.5	HA5565
		8.5	HA5585
		10.5	HA55105

Type	D(Ø)	G/H(mm)	Order Code
Regular	6.5	0.0	HA6500
		1.5	HA6515
		2.5	HA6525
		3.5	HA6535
		4.5	HA6545
		5.5	HA6555
	7.5	6.5	HA6565
		0.0	HA7500
		1.0	HA7510
		1.5	HA7515
		2.5	HA7525

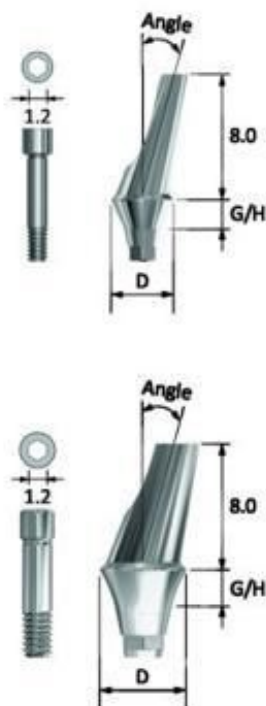
Dual Abutment



Type	D(Ø)	G/H(mm)	L(mm)	Order Code
Mini	4.0	1.0	5.5	DAS40105H
		2.0		DAS40205H
		2.5		DAS40255H
		3.5		DAS40355H
		4.5		DAS40455H
		1.0	7.0	DAS40107H
		2.0		DAS40207H
		2.5		DAS40257H
		3.5		DAS40357H
		4.5		DAS40457H
Regular	4.5	1.0	5.5	DA45105H
		1.5		DA45155H
		2.5		DA45255H
		3.5		DA45355H
		4.5		DA45455H
		5.5		DA45555H
		1.0	7.0	DA45107H
		1.5		DA45157H
		2.5		DA45257H
		3.5		DA45357H
		4.5		DA45457H
		5.5		DA45557H
	5.5	1.5	5.5	DA55155H
		2.5		DA55255H
		3.5		DA55355H
		4.5		DA55455H
		5.5		DA55555H
		1.5	7.0	DA55157H
		2.5		DA55257H
		3.5		DA55357H
		4.5		DA55457H
		5.5		DA55557H
	6.5	1.5	5.5	DA65155H
		2.5		DA65255H
		3.5		DA65355H
		4.5		DA65455H
		5.5		DA65555H
		1.5	7.0	DA65157H
		2.5		DA65257H
		3.5		DA65357H
		4.5		DA65457H
		5.5		DA65557H

Angled Abutment

Hex (15°)



Type	D(Ø)	Angle	G/H(mm)	Order Code
Mini	4.0	15°	2.0	AAS40152H
			4.0	AAS40154H

Type	D(Ø)	Angle	G/H(mm)	Order Code
Regular	4.5	15°	1.0	AA451510H
			2.0	AA451520H
			3.0	AA451530H
			4.0	AA451540H
			5.0	AA451550H
	5.5		1.0	AA551510H
			2.0	AA551520H
			3.0	AA551530H
			4.0	AA551540H
			5.0	AA551550H

- General cement retained-type abutment.
- It is used to correct the path of the fixture, mainly for anterior.
- 1.2 Hex driver use.
- Packing unit : Abutment + Abutment screw
- Tightening torque : 30Ncm

Hex (25°)



Type	D(Ø)	Angle	G/H(mm)	Order Code
Regular	4.5	25°	1.0	AA452510H
			2.0	AA452520H
			3.0	AA452530H
			4.0	AA452540H
			5.0	AA452550H
	5.5		1.0	AA552510H
			2.0	AA552520H
			3.0	AA552530H
			4.0	AA552540H
			5.0	AA552550H

- General cement retained-type abutment.
- It is used to correct the path of the fixture, mainly for anterior.
- 1.2 Hex driver use.
- Packing unit : Abutment + Abutment screw
- Tightening torque : 30Ncm

Dual Long Abutment

Hex



Type	D(Ø)	G/H(mm)	L(mm)	Order Code
Regular	4.0	1.5	10.0	MA4015H
	4.5	2.0	9.5	MA4520H
	5.5	2.0	9.0	MA5520H
		3.0	8.0	MA5530H
	6.5	2.5	8.5	MA6525H
		4.0	7.0	MA6540H

- Cement type abutment, which fastens fixture by using dental cement.
- Used when the abutment needs to be adjusted or customization is required for the marginal region of the prosthesis.
- 1.2 Hex driver use.
- Packing unit : Abutment + Abutment screw
- Tightening torque : 30Ncm

Temporary Abutment

Hex



Type	D(Ø)	G/H(mm)	Order Code
Regular	4.5	1.0	TA4510H

- Used for making temporary prosthesis.
- 1.2 Hex driver use.
- Packing unit : Abutment + Abutment screw
- Tightening torque : 30Ncm

CCM Abutment

Hex



Type	D(Ø)	G/H(mm)	L(mm)	Order Code
Regular	4.5	1.0	11.0	CCMA-RH

- Screw retained-type abutment that fastens the prosthesis using an Abutment screw.
- Used when there are restrictions, e.g. path, aesthetic, and space.
(The Metal frame for a crown is fabricated by casting CCM abutment directly. Custom abutments can be manufactured by these characteristics and applied to various cases. Additionally, advantages for making prosthesis which is required a lot of angle correction.)
- Cylinder melting range : 1,400°C ~ 1,450°C (Non-precious metal alloy casting contraindication)
- 1.2 Hex driver use.
- Packing unit : Abutment + Abutment screw
- Tightening torque : 30Ncm

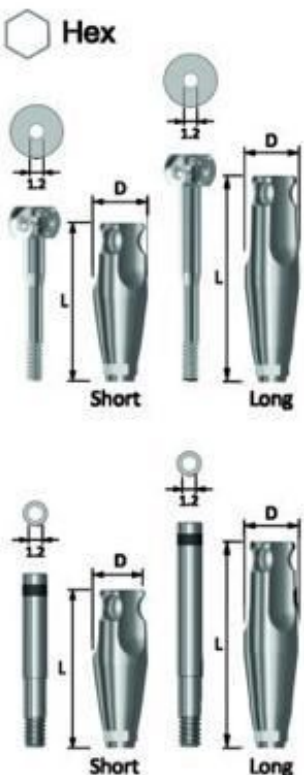
Pick Up Impression Coping



Type	D(Ø)	L(mm)	Order Code
Mini	4.0	13.0 (Short)	IPS40HS
	4.0	17.0 (Long)	IPS40HL
Regular	4.0	15.0 (Short)	IP40HS
	4.5		IP45HS
	5.5		IP55HS
	6.5		IP65HS
	4.0	19.0 (Long)	IP40HL
	4.5		IP45HL
	5.5		IP55HL
	6.5		IP65HL

- Pick-up type for impression taking with a custom tray.
- 1.2 Hex driver use.
- Packing unit : Impression coping + Guide pin

Transfer Impression Coping



Type	D(Ø)	L(mm)	Order Code
Mini	4.0	9.5 (Short)	ITS40HS
	4.0	13.5 (Long)	ITS40HL

Type	D(Ø)	L(mm)	Order Code
Regular	4.0	13.0 (Short)	IT40HS
	4.5		IT45HS
	5.5		IT55HS
	6.5		IT65HS

- Transfer type for impression taking with Ready-made tray.
- 1.2 Hex driver use.
- Packing unit : Impression coping + Guide pin

SISK Kit

ø 1.8/2.3 Lindemann Drill



ø 3.5 Drill



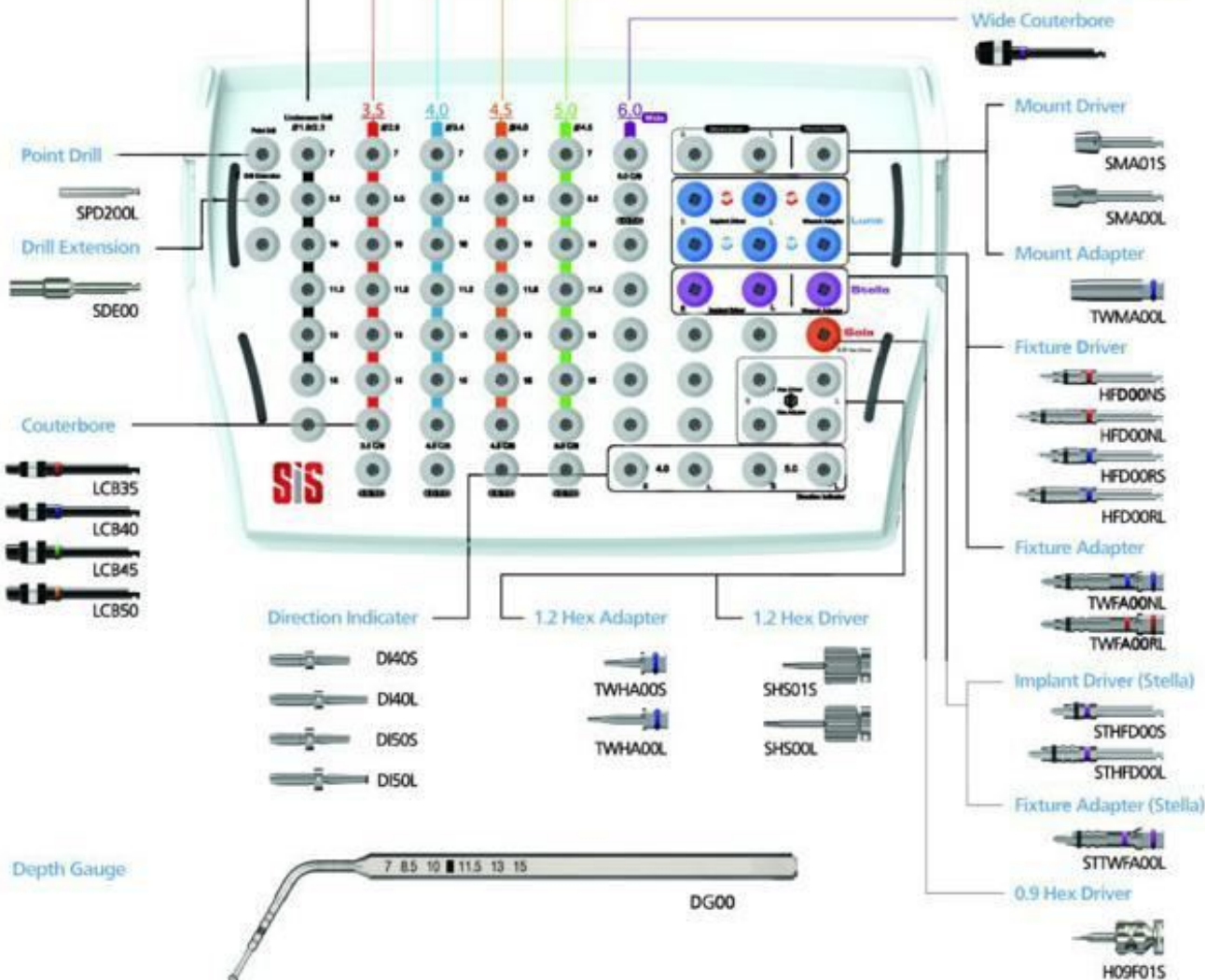
ø 4.0 Drill



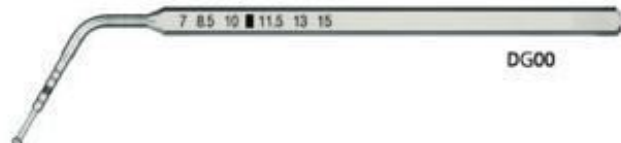
ø 4.5 Drill



ø 5.0 Drill



Depth Gauge



Torque Wrench



Titanium Square Bowl



Drill Sequence

		Ø 2.0 Drill	F3.5 Drill	F4 Drill	F4.5 Drill	F5 Drill	Counterbore 1 STEP	Counterbore 2 STEP
								
Fixture	Bone Quality							
3.5	SOFT	●						
	MEDIUM	●	●				●	
	DENSE	●	●					●
4.0	SOFT	●	●				●	
	MEDIUM	●	●	●			●	
	DENSE	●	●	●				●
4.5	SOFT	●	●	●			●	
	MEDIUM	●	●		●		●	
	DENSE	●	●		●			●
5.0	SOFT	●	●		●		●	
	MEDIUM	●	●		●	●	●	
	DENSE	●	●		●	●		●

SD ABUTMENT



Dual Abutment



Dual Long Abutment



Angled Abutment



CCM Abutment



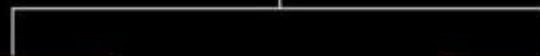
Solid Abutment



Temporary Abutment



Analog



Pick up



Transfer



Fixture