IS II active
IS II Implant System

Summary of CMI Implant

Advantage of CMI Implant

Neo CMI Implants Body structure and Characteristics

SCRP® Prosthetics System

Advantages of **SCRP® Multi Abutments**

IS II Implant System Chart

Surgical System

IS Full Kit

IS Core Kit

S-Wide Kit

Other Components

IS II Fixture Surgical Guide

IS II system component

IS II active Fixture

IS II Fixture Cover Screw

Healing Abutment

Temporary Abutment

Prosthetic Flow Chart

Hex Abutment

SCRP Multi Abutment

Non-Hex Abutment

Solid Abutment

Angled Abutment

Shapable Abutment

Impression Coping

Abutment level plastic Impression Cap

Lab Analog

Plastic Coping

Protective Cap

UCLA Gold Abutment

UCLA CCM Abutment

UCLA Plastic Abutment

Ball Abutment

Housing & Retainer

O-Ring & Impression O-Ring

Ball Abutment Driver

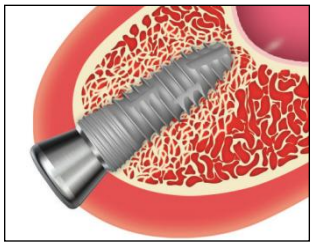
Ball Lab Analog

Advantages of Neo CMI Implants

Neo CMI Implant strengthens the advantages of straight body and taper body and compensates for typical drawbacks. Thus, drilling and implanting processes are quick and exact. Furthermore, initial fixation is excellent.

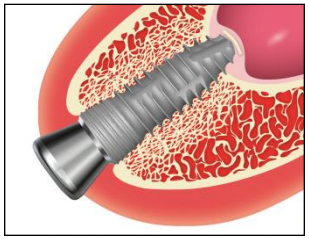
- Drilling and implanting processes are very safe, quick and easy.
- Self-tapping is possible(over 95%).
- Implantation is easy and safe even in difficult situations such as mixed bone(hard-soft-hard).
- If the bone is D4 or D4-D3, implant is possible only through initial drilling.
- Initial fixation will be acquired enough even in sinus graft or sinus osteotome operation. One stage approach is possible in 90% of the cases
.
- Drill are compatible, since the body structure of external and internal implants are same.

Neo CMI Implants Merits In sinus the maxillary posterior area



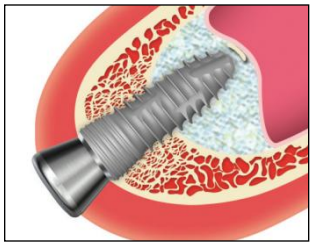
CM fixation

Initial fixation in D3-D4 bone is excellent due to minimal drilling and self-compaction.



CMI fixation without bone graft

If the bone's thickness is about 6~11mm, you will be able to gain sufficient initial fixation by CMI fixation.



CMI fixation with bone graft

Even though the bone thickness is only about 1~3mm, you can still get excellent initial stability.

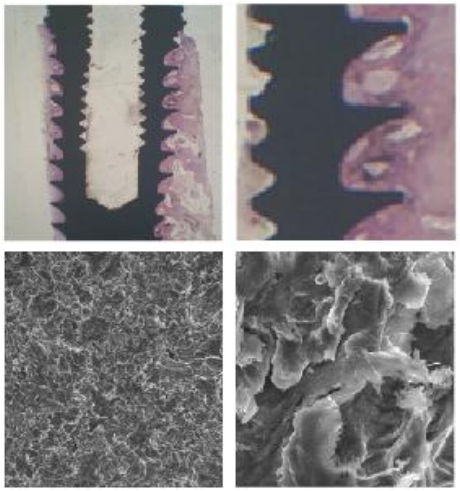
Neo CMI IS II active Implants Body structure and Characteristics

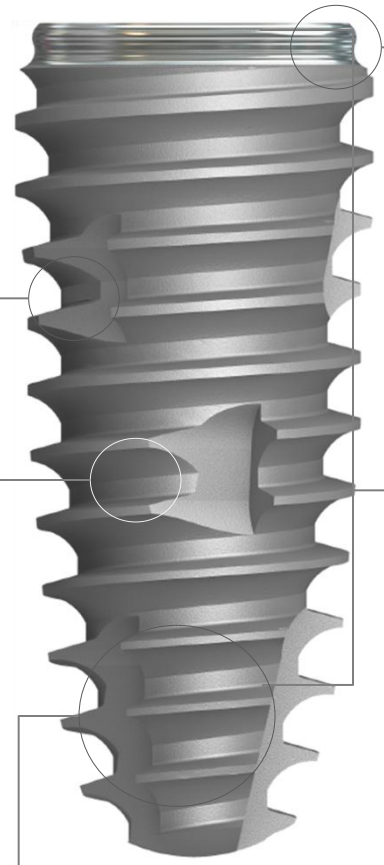
Magic Thread

The body is specially designed to endure vertical vertical force and lateral pressure effectively.

Surface

The surface is treated by S.L.A which has been proofed of long term verification of stability.





Platform Switching

Between Implant and abutment, minimize the microgap and maximize biologic width in order to minimize the bone loss.

Taper-straight-taper Body

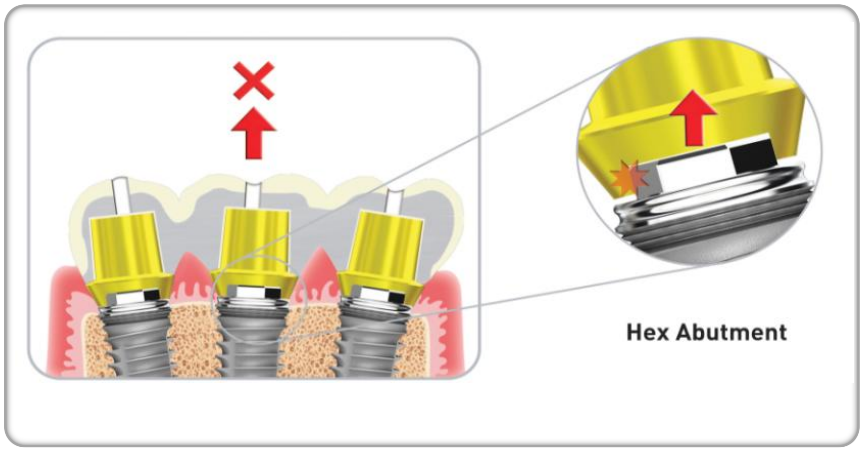
Drilling and implant insertion is easier and also have the design to endure bite forces and tension.

Apex

Powerful and well-defined threads exist at the peak of the apex. Drilling power is remarkable and initial fixation at the apex is excellent to both immediate placement and immediate loading.

SCRP® prosthetics System(External)

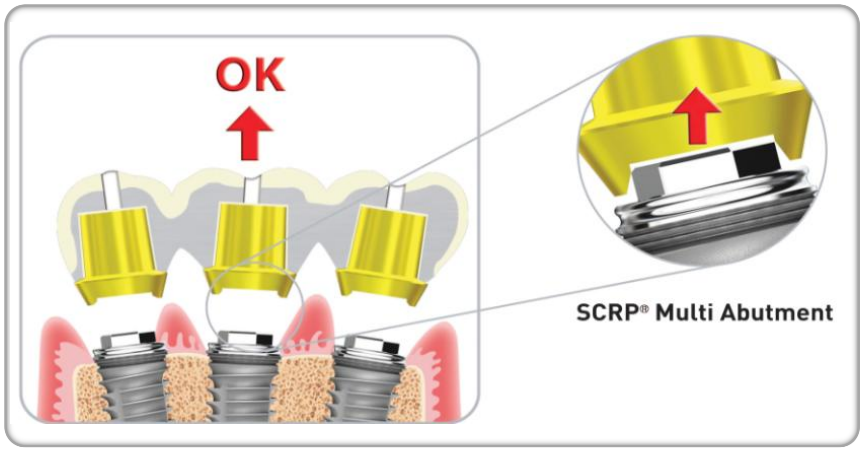
Neo CMI Implant SCRP® prosthetics can be applied to Neo CMI Implant EB system. If the degree between implants (in prosthetic structures that connect single as well as multiple implants) is within 45° prosthetic structure can be installed by using SCRP® multi-abutment.



When SCRP® prosthetic structure is produced by using an **entire hexa abutment**, **attaching and detaching the structure can be difficult** due to the blockage of the insertion path.


Abutment Positioner

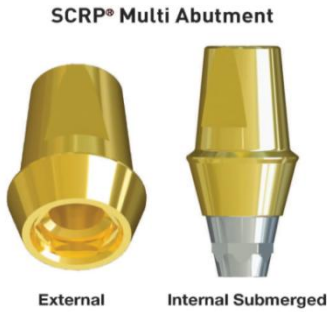
When fixing multi abutment to fixture, user have to use**"abutment positioner"** for exact position of hex and direction of prosthesis.



When SCRP® prosthetic structure is produced by using **Neobiotech's multi-abutments**, each abutment can be repositioned to implants. **Attaching and detaching is easy even in implants with a degree that is within 45°**

Advantages of SCRP® Multi Abutment

- Specified abutments for SCRP ® that applied to **multiple implants.**
- A multi-abutment can be repositioned in the oral cavity without a jig.
- **Passive fit** between implants and prosthetic structure can be **acquired easily.**
- Prosthetic Structure is easy to remove and minimize the damages.
- As a final cement is used, the risk of washing-out is minimal.
- Cementation of the washed-out abutment can be performed again.
- Cement under sub-gingival region can be easily removed and polished.
- **Easy to manufacture**
- **Economical.**



SCRP® System?

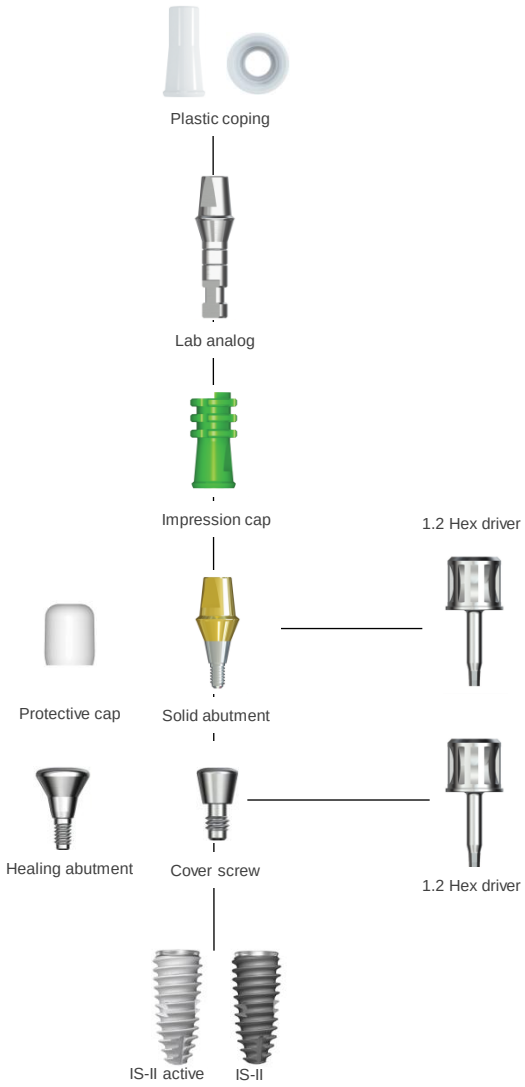
It is an implant prosthetic system that composes the advantages of screw and cement types and removes drawbacks. Because the SCRP ® system is simple, clinical & laboratory procedure is time-saving and cost-effective. Passive fit can be made easily and can be applied to narrow interocclusal spaces. Moreover, it can be removed easily anytime you want.

IS-II /IS-II active Implant System Chart

Fixture	Healing & Cover screw	Abutment		Impression coping	Lab analog
IS-II active IS-II IS-II S-wide	Healing Abutment Cover screw	Solid	Solid	Impression cap	Lab analog
		Cement	Straight, Abutment Positioner	Pick up: Hex	Impression Coping positioner
			Angled: Hex, Non Hex	SCRP® multi	
			Plastic: Hex, SCRP® multi, Non Hex	Non Hex	
		UCLA	Gold: Hex, SCRP® multi, Non Hex; Plastic: Hex, Non Hex	Transfer: Hex, Non Hex	Abutment level
		Temporary	Temporary: Hex, Non Hex		
		Ball	Ball, O-ring, Retainer, Housing, Ball abutment driver	O-ring, Retainer, Housing	Ball Lab analog

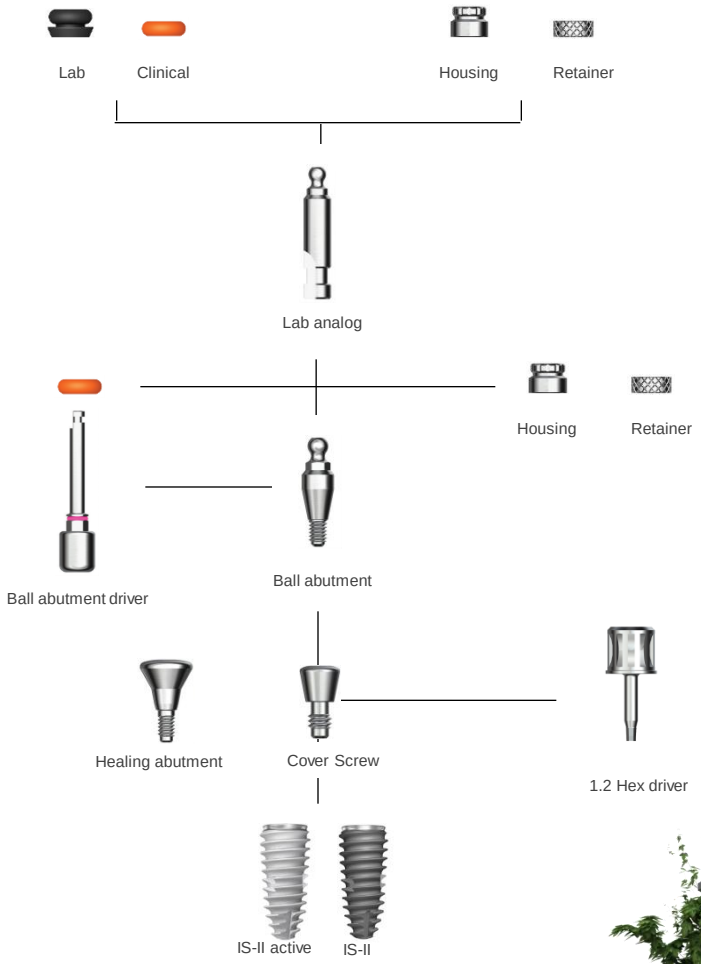
Prosthetic Flow Chart

IS Solid Abutment

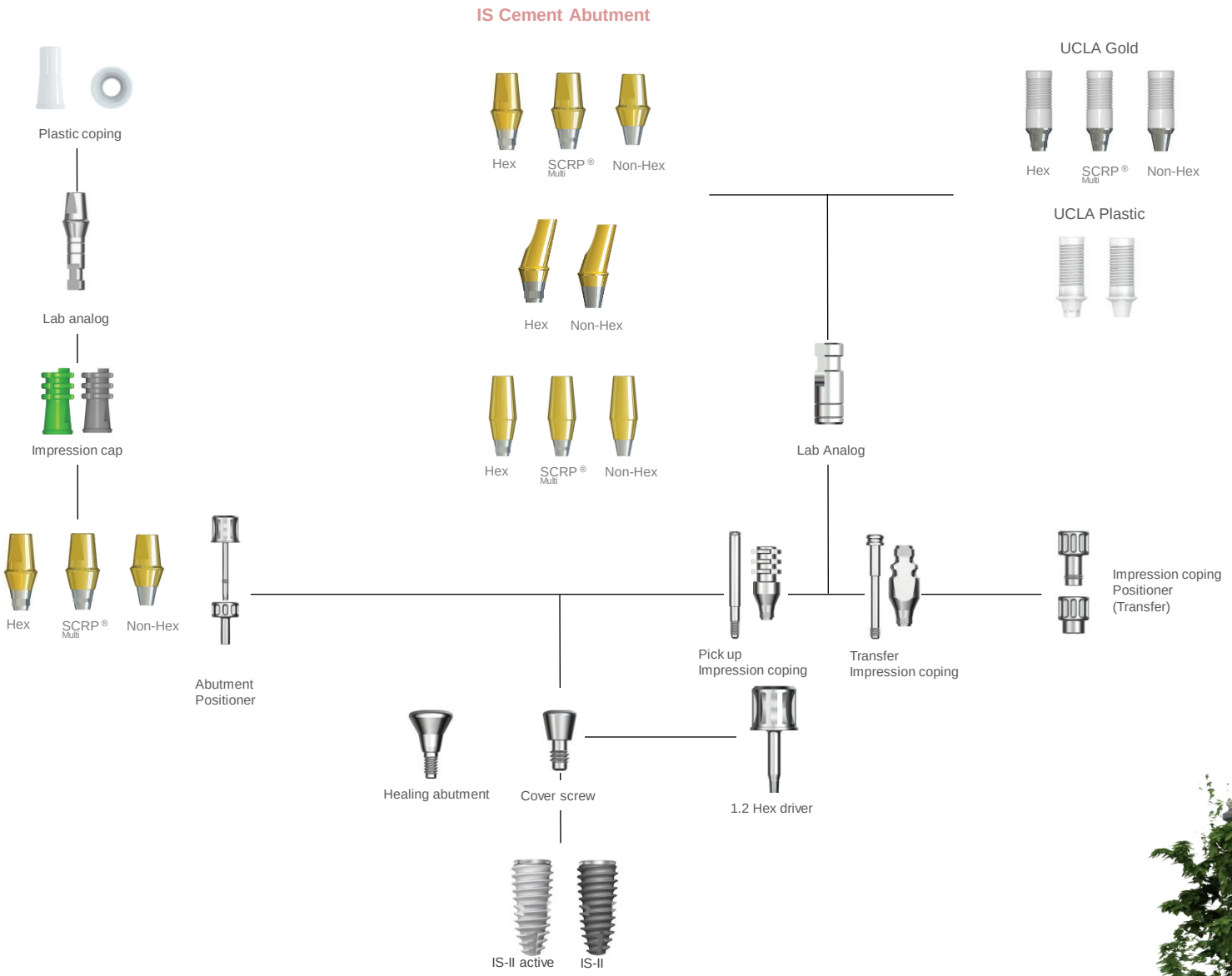


Prosthetic Flow Chart

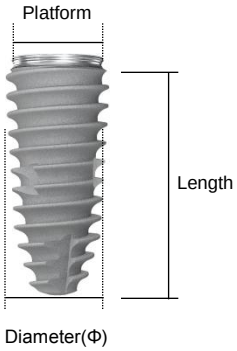
IS Ball Abutment



Prosthetic Flow Chart

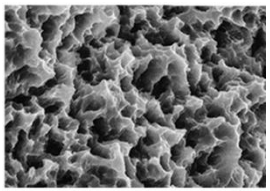


IS-II active Fixture



Type	Diameter(Φ)	Platform	Hex	Length(mm)	product Name
Narrow	3.5	3.5	2.5	8.5	BIS 3508A
				10.0	BIS 3510A
				11.5	BIS 3511A
				13.0	BIS 3513A
Regular	4.0	3.7	2.5	7.3	BIS 4007A
				8.5	BIS 4008A
				10.0	BIS 4010A
				11.5	BIS 4011A
				13.0	BIS 4013A
	4.5	3.9	2.5	7.3	BIS 4507A
				8.5	BIS 4508A
				10.0	BIS 4510A
				11.5	BIS 4511A
				13.0	BIS 4513A
Wide	5.0	4.4	2.5	7.3	BIS 5007A
				8.5	BIS 5008A
				10.0	BIS 5010A
				11.5	BIS 5011A
				13.0	BIS 5013A

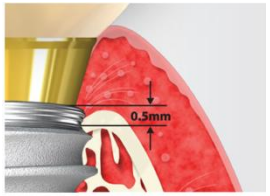
Characteristic of CMI IS-II active



▶S.L.A active surface

No impurities on implant surface / Optimal Rough Average(same with straumann SLA R.A)

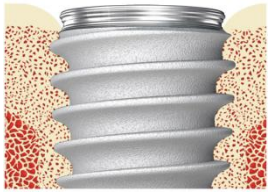
Strong and fast osseointegration by S.L.A surface with 10years surface treatment technique



▶Bioseal

Application of machined surface & Micro groove on 0.5mm of upper part.

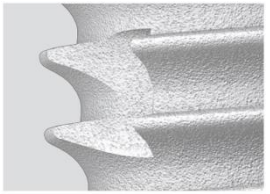
Bioseal is unique design to minimize bone loss by maximizing sealing effect of soft tissue



▶Coronal Magicthread

Optimal Primary stability

Coronal macrothread design is good for Immediate placement /loading at cortical bone

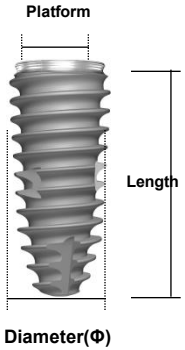


▶Magic Thread

Strong primary stability by reversed and tapered thread design.

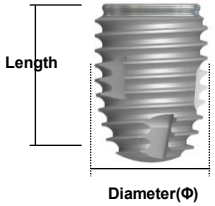
Magic thread (Reversed thread type) is designed to resist strongly against occlusive force and lateral force in the long term. So,Operator can experience stable insertion and strong initial stability

IS-II Fixture



Type	Diameter(Φ)	Platform	Hex	Length(mm)	product Name
Narrow	3.5	3.5	2.5	8.5	BIS 3508
				10.0	BIS 3510
				11.5	BIS 3511
				13.0	BIS 3513
Regular	4.0	3.7	2.5	7.3	BIS 4007
				8.5	BIS 4008
				10.0	BIS 4010
				11.5	BIS 4011
				13.0	BIS 4013
	4.5	3.9	2.5	7.3	BIS 4507
				8.5	BIS 4508
				10.0	BIS 4510
				11.5	BIS 4511
				13.0	BIS 4513
Wide	5.0	4.4	2.5	7.3	BIS 5007
				8.5	BIS 5008
				10.0	BIS 5010
				11.5	BIS 5011
				13.0	BIS 5013

IS II S-Wide Fixture

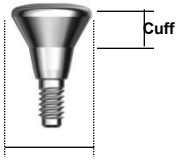


Type	Diameter(Φ)	Platform	Hex	Length(mm)	product Name
Wide	5.5	4.5	2.5	7.3	BIS 5507
				8.5	BIS 5508
				10.0	BIS 5510
				11.5	BIS 5511
				13.0	BIS 5513
	6.0	4.9	2.5	7.3	BIS 6007
				8.5	BIS 6008
				10.0	BIS 6010
				11.5	BIS 6011
				13.0	BIS 6013
	7.0	5.8	2.5	7.3	BIS 7007
				8.5	BIS 7008
				10.0	BIS 7010
				11.5	BIS 7011
				13.0	BIS 7013

Cover Screw

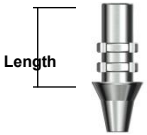
Type	product Name
Narrow	IS 308
Regular	IS 310
Wide/S-Wide	IS 311

Healing Abutment



Hex	Cuff(mm)	product Name
2.5	2.0	ISH 402
	3.0	ISH 403
	4.0	ISH 404
	5.0	ISH 405
	6.0	ISH 406
5.5	2.0	ISH 502
	3.0	ISH 503
	4.0	ISH 504
	5.0	ISH 505
	6.0	ISH 506
6.0	2.0	ISH 602
	3.0	ISH 603
	4.0	ISH 604
	5.0	ISH 605
	6.0	ISH 606
6.8	2.0	ISH 702
	3.0	ISH 703
	4.0	ISH 704
	5.0	ISH 705
	6.0	ISH 706

Temporary Abutment



Hex

Type	Length(mm)	product Name
Hex	6.0	ISAHT 560
	8.0	ISAHT 580

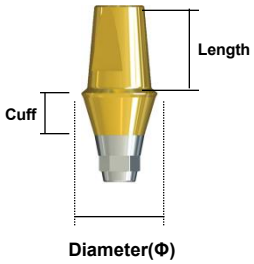
※ Abutment Screw is used as ISCS20

Non-Hex

Type	Length(mm)	product Name
Non-Hex	6.0	ISANT 560
	8.0	ISANT 580

※ Abutment Screw is used as ISCS20

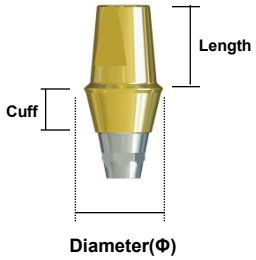
Hex Abutment



※ Abutment Screw is used as ISCS20

Type	Length(mm)	Cuff(mm)	product Name
4.5	4.5	1.0	ISAH 414
		2.0	ISAH 424
		3.0	ISAH 434
		4.0	ISAH 444
	5.5	1.0	ISAH 415
		2.0	ISAH 425
		3.0	ISAH 435
		4.0	ISAH 445
	7.0	1.0	ISAH 417
		2.0	ISAH 427
		3.0	ISAH 437
		4.0	ISAH 447
5.2	4.5	1.0	ISAH 514
		2.0	ISAH 524
		3.0	ISAH 534
		4.0	ISAH 544
	5.5	1.0	ISAH 515
		2.0	ISAH 525
		3.0	ISAH 535
		4.0	ISAH 545
	7.0	1.0	ISAH 517
		2.0	ISAH 527
		3.0	ISAH 537
		4.0	ISAH 547
5.7	4.5	1.0	ISAH 614
		2.0	ISAH 624
		3.0	ISAH 634
		4.0	ISAH 644
	5.5	1.0	ISAH 615
		2.0	ISAH 625
		3.0	ISAH 635
		4.0	ISAH 645
	7.0	1.0	ISAH 617
		2.0	ISAH 627
		3.0	ISAH 637
		4.0	ISAH 647
6.5	4.5	1.0	ISAH 714
		2.0	ISAH 724
		3.0	ISAH 734
		4.0	ISAH 744
	5.5	1.0	ISAH 715
		2.0	ISAH 725
		3.0	ISAH 735
		4.0	ISAH 745
	7.0	1.0	ISAH 717
		2.0	ISAH 727
		3.0	ISAH 737
		4.0	ISAH 747

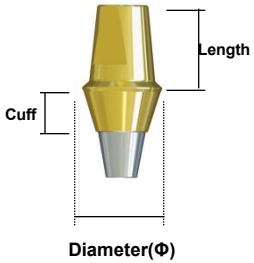
SCRP® Multi Abutment



※ Abutment Screw is used as ISCS20

Type	Length(mm)	Cuff(mm)	product Name
4.5	4.5	1.0	ISAS 414
		2.0	ISAS 424
		3.0	ISAS 434
		4.0	ISAS 444
	5.5	1.0	ISAS 415
		2.0	ISAS 425
		3.0	ISAS 435
		4.0	ISAS 445
	7.0	1.0	ISAS 417
		2.0	ISAS 427
		3.0	ISAS 437
		4.0	ISAS 447
5.2	4.5	1.0	ISAS 514
		2.0	ISAS 524
		3.0	ISAS 534
		4.0	ISAS 544
	5.5	1.0	ISAS 515
		2.0	ISAS 525
		3.0	ISAS 535
		4.0	ISAS 545
	7.0	1.0	ISAS 517
		2.0	ISAS 527
		3.0	ISAS 537
		4.0	ISAS 547
5.7	4.5	1.0	ISAS 614
		2.0	ISAS 624
		3.0	ISAS 634
		4.0	ISAS 644
	5.5	1.0	ISAS 615
		2.0	ISAS 625
		3.0	ISAS 635
		4.0	ISAS 645
	7.0	1.0	ISAS 617
		2.0	ISAS 627
		3.0	ISAS 637
		4.0	ISAS 647
6.5	4.5	1.0	ISAS 714
		2.0	ISAS 724
		3.0	ISAS 734
		4.0	ISAS 744
	5.5	1.0	ISAS 715
		2.0	ISAS 725
		3.0	ISAS 735
		4.0	ISAS 745
	7.0	1.0	ISAS 717
		2.0	ISAS 727
		3.0	ISAS 737
		4.0	ISAS 747

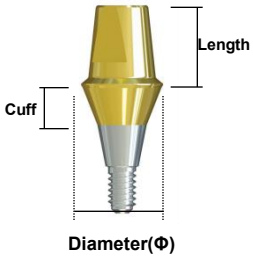
Non-Hex Abutment



※ Abutment Screw is used as ISCS20

Type	Length(mm)	Cuff(mm)	product Name
4.5	4.5	1.0	ISAN 414
		2.0	ISAN 424
		3.0	ISAN 434
		4.0	ISAN 444
	5.5	1.0	ISAN 415
		2.0	ISAN 425
		3.0	ISAN 435
		4.0	ISAN 445
	7.0	1.0	ISAN 417
		2.0	ISAN 427
		3.0	ISAN 437
		4.0	ISAN 447
5.2	4.5	1.0	ISAN 514
		2.0	ISAN 524
		3.0	ISAN 534
		4.0	ISAN 544
	5.5	1.0	ISAN 515
		2.0	ISAN 525
		3.0	ISAN 535
		4.0	ISAN 545
	7.0	1.0	ISAN 517
		2.0	ISAN 527
		3.0	ISAN 537
		4.0	ISAN 547
5.7	4.5	1.0	ISAN 614
		2.0	ISAN 624
		3.0	ISAN 634
		4.0	ISAN 644
	5.5	1.0	ISAN 615
		2.0	ISAN 625
		3.0	ISAN 635
		4.0	ISAN 645
	7.0	1.0	ISAN 617
		2.0	ISAN 627
		3.0	ISAN 637
		4.0	ISAN 647
6.5	4.5	1.0	ISAN 714
		2.0	ISAN 724
		3.0	ISAN 734
		4.0	ISAN 744
	5.5	1.0	ISAN 715
		2.0	ISAN 725
		3.0	ISAN 735
		4.0	ISAN 745
	7.0	1.0	ISAN 717
		2.0	ISAN 727
		3.0	ISAN 737
		4.0	ISAN 747

Solid Abutment



※ Abutment Screw is used as ISCS20

Type	Length(mm)	Cuff(mm)	product Name
4.5	4.5	1.0	ISAE 414
		2.0	ISAE 424
		3.0	ISAE 434
		4.0	ISAE 444
	5.5	1.0	ISAE 415
		2.0	ISAE 425
		3.0	ISAE 435
		4.0	ISAE 445
	7.0	1.0	ISAE 417
		2.0	ISAE 427
		3.0	ISAE 437
		4.0	ISAE 447
5.2	4.5	1.0	ISAE 514
		2.0	ISAE 524
		3.0	ISAE 534
		4.0	ISAE 544
	5.5	1.0	ISAE 515
		2.0	ISAE 525
		3.0	ISAE 535
		4.0	ISAE 545
	7.0	1.0	ISAE 517
		2.0	ISAE 527
		3.0	ISAE 537
		4.0	ISAE 547
5.7	4.5	1.0	ISAE 614
		2.0	ISAE 624
		3.0	ISAE 634
		4.0	ISAE 644
	5.5	1.0	ISAE 615
		2.0	ISAE 625
		3.0	ISAE 635
		4.0	ISAE 645
	7.0	1.0	ISAE 617
		2.0	ISAE 627
		3.0	ISAE 637
		4.0	ISAE 647
6.5	4.5	1.0	ISAE 714
		2.0	ISAE 724
		3.0	ISAE 734
		4.0	ISAE 744
	5.5	1.0	ISAE 715
		2.0	ISAE 725
		3.0	ISAE 735
		4.0	ISAE 745
	7.0	1.0	ISAE 717
		2.0	ISAE 727
		3.0	ISAE 737
		4.0	ISAE 747

Angled Abutment

- The path of implant can be fixed in 12 directions, as there are A-type that forms angle centering on the edge of hexa and B-type that forms angle centering on surface.
- TiN coating that considers aesthetics.
- Connects abutment screw(code : ITCS20) using 1.2 hex driver

A-Type
(Angle to the edge)

B-Type
(Angle to the edge)

Hex

Angle	Diameter(Φ)	Type	Cuff(mm)	product Name
15°	4.5	A	2.0	ISAHA 1427
			3.0	ISAHA 1437
		B	2.0	ISAHB 1427
			3.0	ISAHB 1437
	5.2	A	2.0	ISAHA 1527
			3.0	ISAHA 1537
		B	2.0	ISAHB 1527
			3.0	ISAHB 1537
	5.7	A	2.0	ISAHA 1627
			3.0	ISAHA 1637
		B	2.0	ISAHB 1627
			3.0	ISAHB 1637
25°	4.5	A	2.0	ISAHA 2427
			3.0	ISAHA 2437
		B	2.0	ISAHB 2427
			3.0	ISAHB 2437
	5.2	A	2.0	ISAHA 2527
			3.0	ISAHA 2537
		B	2.0	ISAHB 2527
			3.0	ISAHB 2537

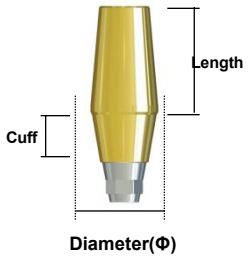
※ Abutment screw is used as ITCS20S.

Non-Hex

Angle	Diameter(Φ)	Cuff(mm)	product Name
15°	4.5	2.0	ISAHA 1427
		3.0	ISAHA 1437
	5.2	2.0	ISAHA 1527
		3.0	ISAHA 1537
	5.7	2.0	ISAHA 1627
		3.0	ISAHA 1637
25°	4.5	2.0	ISAHA 2427
		3.0	ISAHA 2437
	5.2	2.0	ISAHA 2527
		3.0	ISAHA 2537

Shapable Abutment

Hex



Diameter(Φ)	Cuff(mm)	Length(mm)	product Name
4.5	2.0	8.0	ISSH 428
	4.0		ISSH 448
5.2	2.0	8.0	ISSH 528
	4.0		ISSH 548
5.7	2.0	8.0	ISSH 628
	4.0		ISSH 648
6.5	2.0	8.0	ISSH 728
	4.0		ISSH 748

SCRP ®

Diameter(Φ)	Cuff(mm)	Length(mm)	product Name
4.5	2.0	8.0	ISSH 428
	4.0		ISSH 448
5.2	2.0	8.0	ISSH 528
	4.0		ISSH 548
5.7	2.0	8.0	ISSH 628
	4.0		ISSH 648
6.5	2.0	8.0	ISSH 728
	4.0		ISSH 748

Non-Hex

Diameter(Φ)	Cuff(mm)	Length(mm)	product Name
4.5	2.0	8.0	ISSH 428
	4.0		ISSH 448
5.2	2.0	8.0	ISSH 528
	4.0		ISSH 548
5.7	2.0	8.0	ISSH 628
	4.0		ISSH 648
6.5	2.0	8.0	ISSH 728
	4.0		ISSH 748

Impression Coping

Pick up

Hex

Hex

Diameter(Φ)	product Name
4.8	ISIPH 411
5.5	ISIPH 511
6.0	ISIPH 611

SCRP ®

SCRP ®

Diameter(Φ)	product Name
4.8	ISIPS 411
5.5	ISIPS 511
6.0	ISIPS 611

Non-Hex

Non-Hex

Diameter(Φ)	product Name
4.8	ISIPN 411
5.5	ISIPN 511
6.0	ISIPN 611

Transfer

Hex

Diameter(Φ)	product Name
4.8	ISITH 411
5.5	ISITH 511
6.0	ISITH 611

Impression Coping

Non-Hex

Diameter(Φ)	product Name
4.8	ISITN 411
5.5	ISITN 511
6.0	ISITN 611

Impression Coping Positioner

Image of impression coping and abutment has combined

- Used to connect with EB, IT, IS system of transfer impression coping screw.
- Take each coping body and screw as a positioner. The screw can be connected as relocating the hex by grabbing with one hand.

product Name
FDHSET 01

Lab Analog

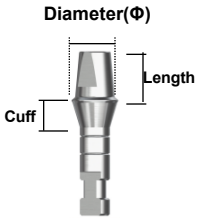
Diameter(Φ)

Fixture Level

Diameter(Φ)	product Name
4.8	ISIPH 411
5.5	ISIPH 511
6.0	ISIPH 611

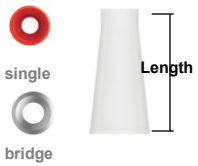
Lab Analog

Abutment Level



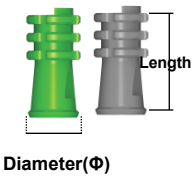
Diameter(Φ)	Cuff(mm)	Length(mm)	product Name
4.5	3.0	4.5	ISLA 445
		5.5	ISLA 455
		7	ISLA 475
5.2	3.0	4.5	ISLA 545
		5.5	ISLA 555
		7	ISLA 575
5.7	3.0	4.5	ISLA 645
		5.5	ISLA 655
		7	ISLA 675
6.5	3.0	4.5	ISLA 745
		5.5	ISLA 755
		7	ISLA 775

Plastic Coping



Diameter(Φ)	Length(mm)	Diameter(Φ)	product Name
4.5	11.7	Red	ISPCH 410
5.2			ISPCH 510
5.7			ISPCH 610
6.5			ISPCH 710
4.5	11.7	White	ISPCN 410
5.2			ISPCN 510
5.7			ISPCN 610
6.5			ISPCN 710

Abutment Level Plastic impression cap

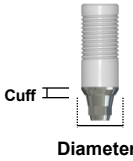


Diameter(Φ)	Length(mm)	Diameter(Φ)	product Name
4.5	11.5	yellow	ISPIC 411
5.2	11.5	Green	ISPIC 511
5.7	11.5	Blue	ISPIC 611
6.5	11.5	Purple	ISPIC 711

Protective Cap

Diameter(Φ)	Cuff(mm)	Length(mm)	product Name
4.5	3.0	4.5	ISLA 445
		5.5	ISLA 455
		7	ISLA 475
5.2	3.0	4.5	ISLA 545
		5.5	ISLA 555
		7	ISLA 575
5.7	3.0	4.5	ISLA 645
		5.5	ISLA 655
		7	ISLA 675
6.5	3.0	4.5	ISLA 745
		5.5	ISLA 755
		7	ISLA 775

UCLA Gold Abutment



Hex

Diameter(Φ)	Cuff(mm)	product Name
4.5	11.5	ISPIC 411

※ Abutment Screw is used as ISCS20

SCRP ® Multi

Diameter(Φ)	Cuff(mm)	product Name
4.5	11.5	ISPIC 411

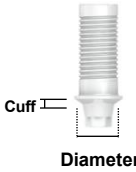
※ Abutment Screw is used as ISCS20

Non-Hex

Diameter(Φ)	Cuff(mm)	product Name
4.5	11.5	ISPIC 411

※ Abutment Screw is used as ISCS20

Abutment Level Plastic impression cap



Hex

Diameter(Φ)	Cuff(mm)	product Name
4.5	1.0	ISPIC 411
5.2	1.0	ISPIC 511
5.7	1.0	ISPIC 711

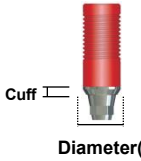
※ Abutment Screw is used as ISCS20

Non-Hex

Diameter(Φ)	Cuff(mm)	product Name
4.5	1.0	ISPIC 411
5.2	1.0	ISPIC 511
5.7	1.0	ISPIC 711

※ Abutment Screw is used as ISCS20

UCLA CCM Abutment



Hex

Diameter(Φ)	Cuff(mm)	product Name
4.5	11.5	ISUCH 400

※ Abutment Screw is used as ISCS20

SCRP ® Multi

Diameter(Φ)	Cuff(mm)	product Name
4.5	11.5	ISUCS 400

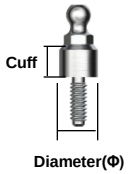
※ Abutment Screw is used as ISCS20

Non-Hex

Diameter(Φ)	Cuff(mm)	product Name
4.5	11.5	ISUCN 400

※ Abutment Screw is used as ISCS20

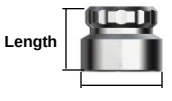
Ball Abutment



- Abutment that connects the over denture and implant
- Use Ball Abutment Driver
- Compensate maximum path of 20 degree
- Tighten torque: 30Ncm

Type	Diameter(Φ)	Hex	Length(mm)	product Name
Narrow	3.5	2.4	2.0	EABAN 200
			3.0	EABAN 300
			4.0	EABAN 400
Regular	4.5	2.7	2.0	EABAR 200
			3.0	EABAR 300
			4.0	EABAR 400
Wide(3i)	5.0	2.7	2.0	EABAI 200
			3.0	EABAI 300
			4.0	EABAI 400
Wide (Branemark)	5.0	3.4	2.0	EABAB 200
			3.0	EABAB 300
			4.0	EABAB 400

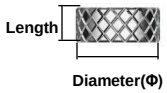
Housing & Retainer



Housing

- Features detachable of Ball Abutment Overdenture by inserting impression O-Ring as final.

Diameter(Φ)	Length(mm)	product Name
5.0	4.0	BAH 40



Retainer

- In case of occlusion interval is lower use retainer instead of housing.

Diameter(Φ)	Length(mm)	product Name
5.0	2.0	BAR 40

O-Ring & Impression O-Ring

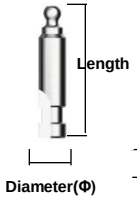
- lab, clinical there are two kinds of clinical use and O-ring & Impression O-ring can be inserted with Housing or Retainer.
- lab O-Ring is specially designed and the following acts are listed below.

·Prevents the resin flowing into the under of Housing or Retainer, while making a final resin denture at laboratory.

·Prevents the resin flowing into the under of Housing or Retainer, while inserting Housing or Retainer within denture directly at the office.

Hex	Diameter(Φ)	Cuff(mm)	product Name
Clinical	4.5	Orange	BAORING
Lab		Black	BAOIMP

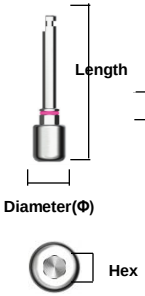
Ball Lab Analog



- A ball abutment of oral implementation on model of ball abutment (abutment level)
- Compatible with EB / IS / S-Mini(ball)

Diameter(Φ)	Length(mm)	product Name
3.5	17.1	BALA 350

Ball Abutment Driver



- A tool used to connect or disconnect the ball abutment to the fixture.

Diameter(Φ)	Length(mm)	Hex	product Name
5.0	25.0	2.4	BADH 24

Surgical Kit

IS Full Kit

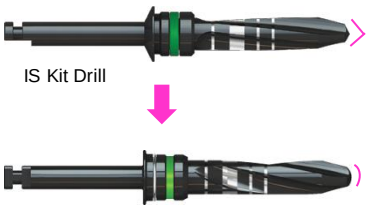
IS Full Kit is…

It is possible to place IS, IS-II, IS-II active Fixture, more simplified in Drilling Sequence than IS Kit to maximize convenience for dentists and patients.(except S-wide)

IS Full Kit Character

※ It is very effective with simple Drilling Sequence by following the guideline on Kit Tray.

IS Full Kit Character



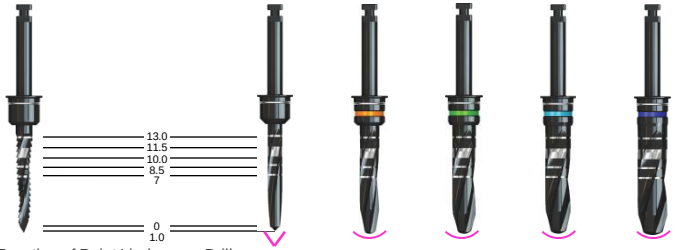
• Cutting ability and durability have been improved with blade grinding process improvement

• Stopper combination improvement with C-ring combination method from old groove method.

• Prevention Over Drilling with Round Design on Drill Point(no need Stopper system,
but recommended for D3~D4 bone)

IS Full Kit Components

Surgical drill

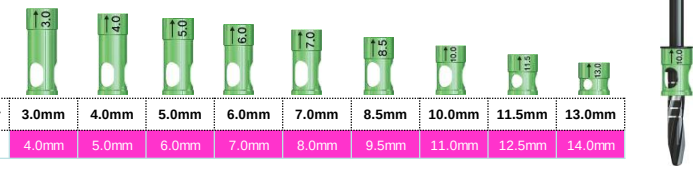


* Function of Point Lindemann Drill

① Point Drill - Marking position of drilling(4~5mm Drilling)

② Side Cutting – Possible for Drilling in extraction hole and controlling path in drilling

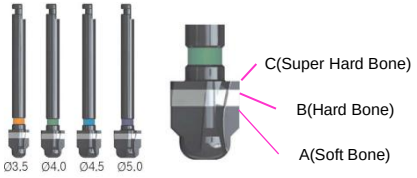
Stopper



Stopper	3.0mm	4.0mm	5.0mm	6.0mm	7.0mm	8.5mm	10.0mm	11.5mm	13.0mm
Length	4.0mm	5.0mm	6.0mm	7.0mm	8.0mm	9.5mm	11.0mm	12.5mm	14.0mm

※ Length means actual length in drilling. Drilling is deeper 1.0mm than stopper length when stopper connected. Stopper is connected with drill by following signal.

Countersink



※used for IS Fixture, considering Cortical Bone Density, possible to use for IS-II in some case.

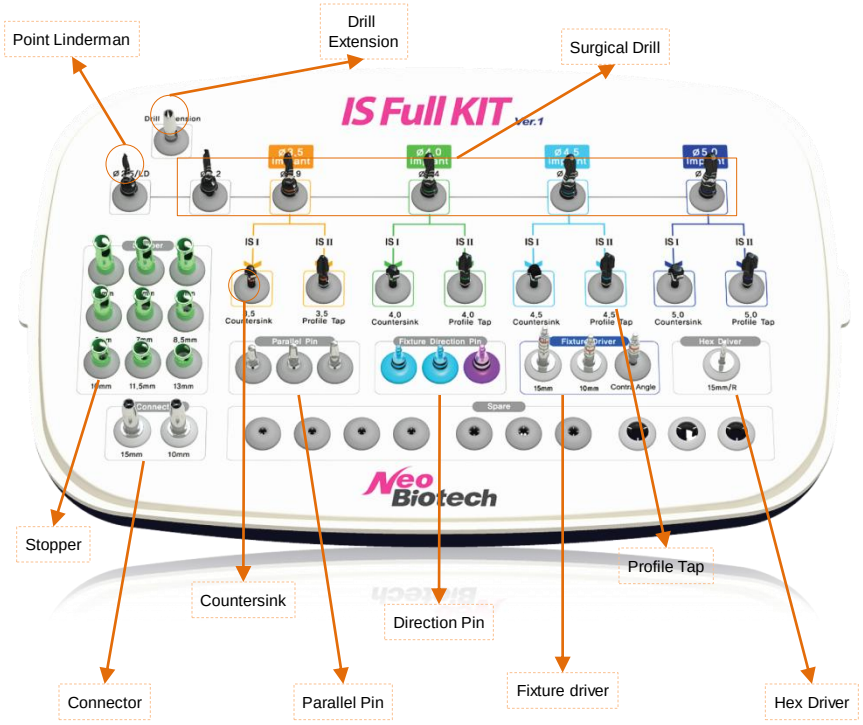
>> The depth controlling of countersink drilling is up to patient's bone density. In case that patient's bone density is hard bone, depth is B line, bone density is soft bone, depth is A line. In case that bone density is super hard bone, C line is recommended.

Profile Tap

>> Used for IS-II, IS-II active Fixture, effective for getting initial stability by tapping cortical bone.
>> easy tapping with four blades when using contra angle.

※ Tapping on cortical bone for upper part of Fixture. Drilling until Laser Marking Line on the upper part of Tap.<RPM 50, Torque 50>

IS Full Kit Compositions



Features of IS Full Kit

1. Easy Drill choice by simple Drilling Sequence and **guideline on the Kit tray**. Use drills sequentially when placing wide fixture.
Ex) When placing Ø4.5 implant
Ø2.5/LD Drill >> Ø2.2 Drill >> Ø2.9 Drill >> Ø3.4 Drill >> Ø3.9 Drill

2. Select Countersink or Profile Tap for IS, IS-II Fixture.
Ex) When placing IS Ø4.5 implant
Ø2.5/LD Drill >> Ø2.2 Drill >> Ø2.9 Drill >> Ø3.4 Drill >> Ø3.9 Drill >> Ø4.5 Counter Sink

IS Full Kit Compositions

Surgical Drill

Point Lindemann	LDS25
Initial Drill Ø2.2	TSD22F
Twist Drill Ø2.9	TSD29F
Twist Drill Ø3.4	TSD34F
Twist Drill Ø3.9	TSD39F
Twist Drill Ø4.4	TSD44F

Stopper Length

3.0mm	DS030F
4.0mm	DS040F
5.0mm	DS050F
6.0mm	DS060F
7.0mm	DS070F
8.5mm	DS085F
10.0mm	DS0100F
11.5mm	DS0115F
13.0mm	DS0130F

Countersink

Ø3.5	ISC35F
Ø4.0	ISC40F
Ø4.5	ISC45F
Ø5.0	ISC50F

Profile Tap

Ø3.5	PTAP35F
Ø4.0	PTAP40F
Ø4.5	PTAP45F
Ø5.0	PTAP50F

Direction Pin

Ø5.0	DPI50
Ø6.0	DPI60

Connector

Ratchet(Long)	RC15
Ratchet(short)	RC10

IS Fixture Driver

Ratchet(Long)	ISFDR10F
Ratchet(short)	ISFDR15F
Contra Angle	ISFDH25SF

Parallel Pin

Code	PP10F

Hex Driver

Code	HD1215

Drill Extension

Code	DE01

Torque Ratchet

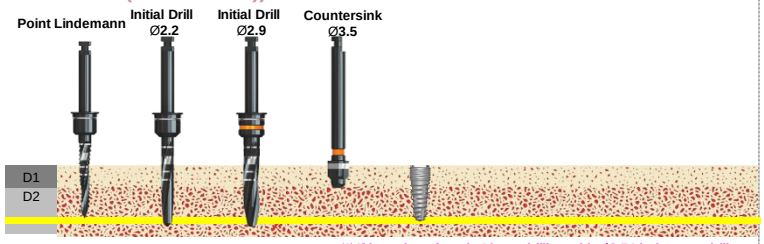
Code	TW01

Depth Gauge

Code	MG00

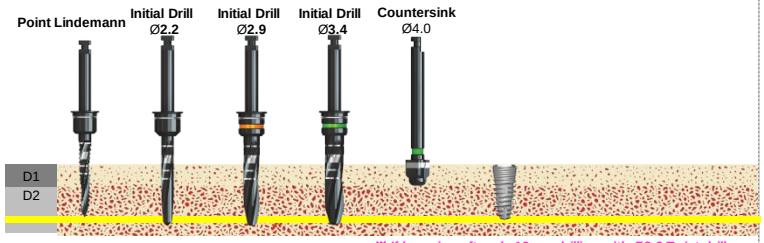
IS Drilling Sequence

IS Fixture (Φ3.5 x 10mm(D1/D2 Bone))



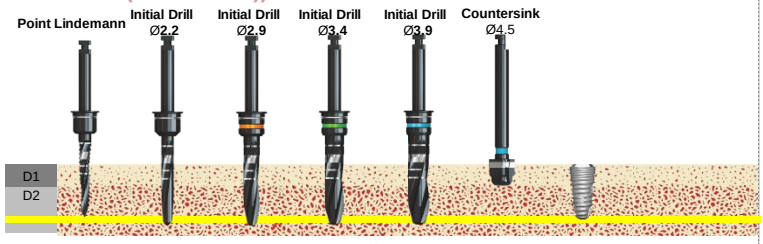
※ If bone is soft, only 10mm drilling with Ø2.5 Lindemann drill

IS Fixture (Φ4.0 x 10mm(D1/D2 Bone))



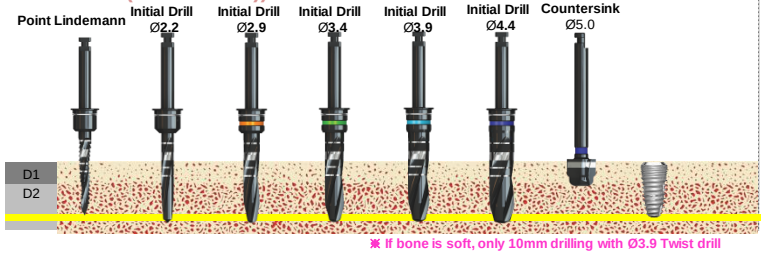
※ If bone is soft, only 10mm drilling with Ø2.9 Twist drill

IS Fixture (Φ4.5 x 10mm(D1/D2 Bone))



※ If bone is soft, only 10mm drilling with Ø3.4 Twist drill

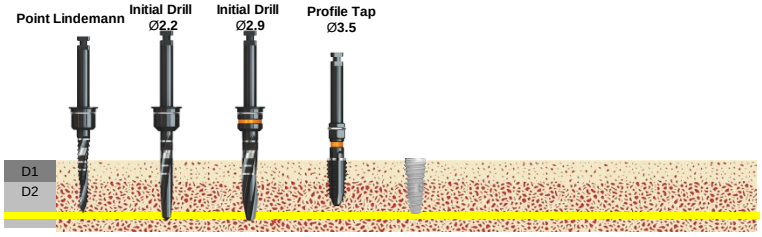
IS Fixture (Φ5.0 x 10mm(D1/D2 Bone))



※ If bone is soft, only 10mm drilling with Ø3.9 Twist drill

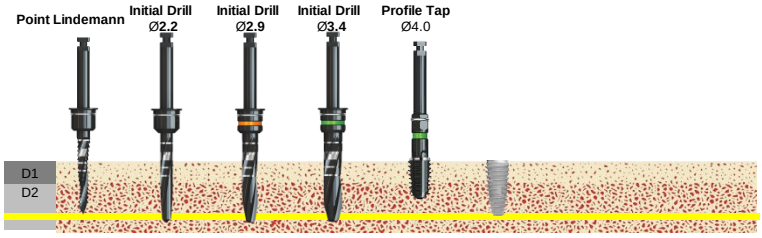
IS-II, IS-II active Drilling Sequence

IS II Fixture (Φ3.5 x 10mm(D1/D2 Bone))



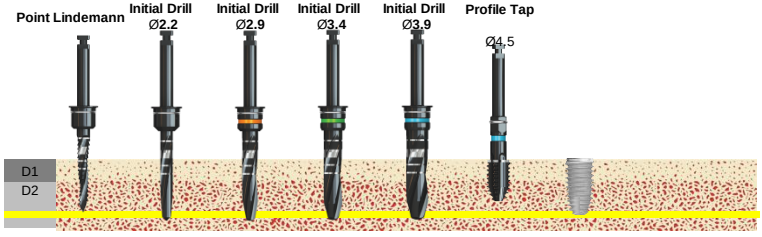
※ If bone is soft, only 10mm drilling with Ø2.5 Lindemann drill

IS II Fixture (Φ4.0 x 10mm(D1/D2 Bone))



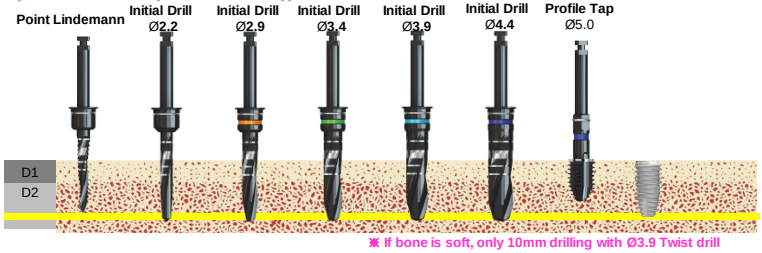
※ If bone is soft, only 10mm drilling with Ø2.9 Twist drill

IS II Fixture (Φ4.5 x 10mm(D1/D2 Bone))



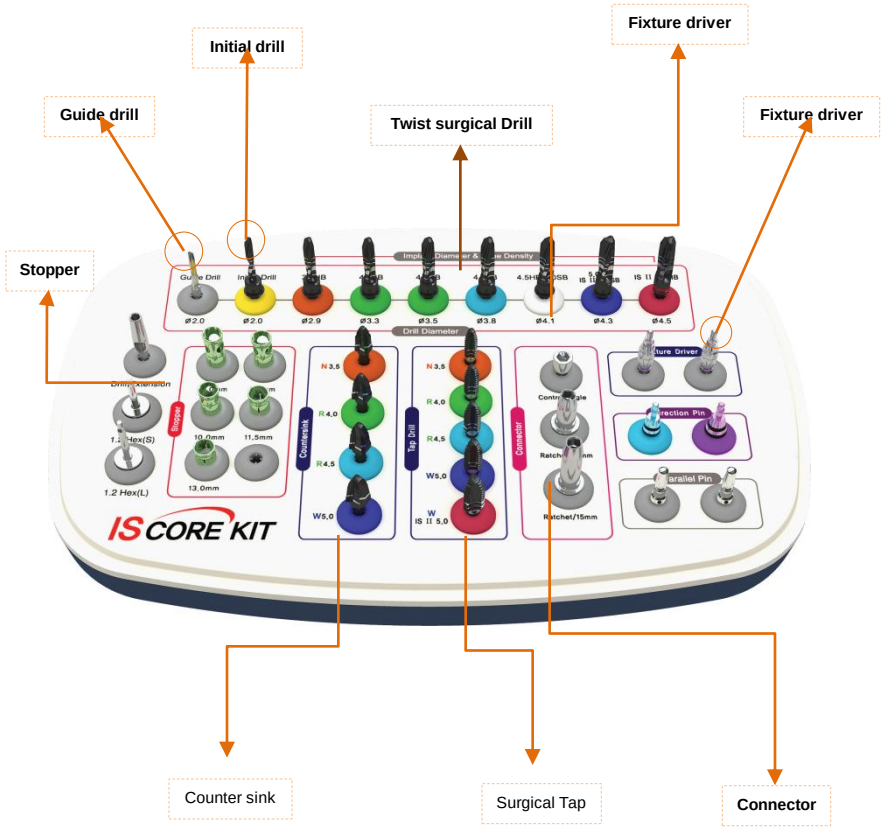
※ If bone is soft, only 10mm drilling with Ø3.4 Twist drill

IS II Fixture (Φ5.0 x 10mm(D1/D2 Bone))



※ If bone is soft, only 10mm drilling with Ø3.9 Twist drill

IS Core Kit Compositions



IS Core Kit Compositions

1. Guide Drill

A drill, which can point the exact place for the implantation effectively.

product Name
MICIMP

2. Initial Drill

Straight drill that is used initially and can detect the bone density of each depth.

Diameter(Φ)	product Name
2.0	MICIMP

3. Twist Surgical Drill

Laser marking is exists in each size and a stopper can be attached. Even though diameter increases, rooting or sparking merely exists. Exact depth control is possible. It is the final drill that can be used safely at any time.

Diameter(Φ)	product Name
2.9	TSD 29
3.3	TSD 33
3.5	TSD 35
3.8	TSD 38
4.1	TSD 41
4.3	TSD 43
4.5	TSD 45(SI II wide)

4. IS Countersink

- IS countersink can be used for the marginal bone depending on the cortical bone density (in case of bone density D1 and D2). It is equipped with four different sizes in diameter (narrow, regular, wide).
- Marking line stands for maximum depth.
- If alveolar osteopathic is D1-D2, make sure to do full countersink drilling toprevent excessive torque.

Diameter(Φ)	product Name
4.1	**ISCS 35**
4.5	**ISCS 40**
4.8	**ISCS 45**
5.3	**ISCS 50**

IS Core Kit Compositions

5. Surgical Tap

Drill that is used when bone density is D1 or D2. When using this drill, use it after the final drill.

Type	Diameter(Φ)	product Name
EB/IT/IS/IS II	3.5	ISTD 35
	4.0	ISTD 40
	4.5	ISTD 45
	5.0	ISTD 50
	5.0	ISTD 50(IS II Wide)

6. Connector

The connectors are in two types; ratchet and contra angle.

Type	Diameter(Φ)	product Name
Ratchet	15.0	RC 15
Contra angle	4.3-	CAA 00

7 Stopper

Can be attached with drills that are in sizes from 2.0 to 4.3. Also, it is safe and used for precise drilling. Stopper is exists in sizes of 7.0, 8.5, 10, 11.5 13mm.

Length(mm)	product Name
7.0	DS 070
8.5	DS 085
10.0	DS 100
11.5	DS 115
13.0	DS 130

IS Core Kit Compositions

8. Fixture Driver

Tool used when implanting fixture, instead of using fixture mount connected to the fixture.
- It can be used as a rachet by connecting with rachet connector.

Type	Size	product Name
IS	Hex 2.5	ISFDH 25

9. Hex Driver

Tool Used when connecting or detaching screw and cover screw

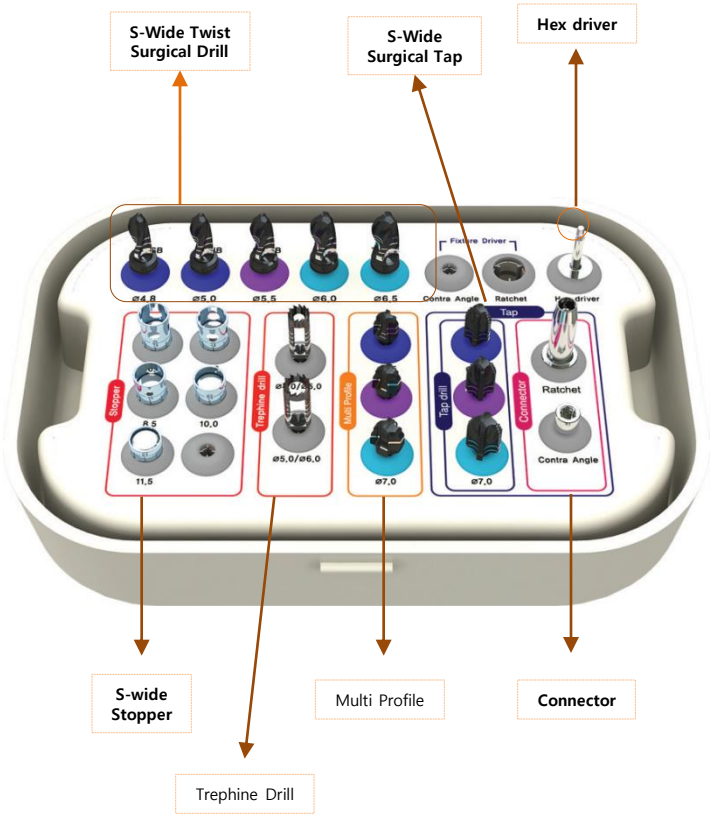
Length(mm)	Hex	product Name
10	1.2	HD 1210
15	0.9	HD 0915
	1.2	HD 1215

10. Torque Ratchet

Tool used to measure exact torque of the implant

product Name
TW 01

S-Wide Kit Composition



S-Wide Kit Composition

1. S-Wide Twist Surgical Drill

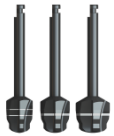
Laser marking is exists in each size, and the stopper can be selected accordingly by a surgical case. Even though diameter increases, a circumstance of splashing or shutting itself up is merely exists. Exact depth control is possible to be used safely at any time.

Diameter(Φ)	product Name
2.9	TSD 29
3.3	TSD 33
3.5	TSD 35
3.8	TSD 38
4.5	TSD 45(SI II wide)

2. S-Wide Multi Profile

Countersink for S-Wide EB/IS that is used as selected depending on the density of cortical bone activity

Diameter(Φ)0	product Name
4.1	ISCS 35
4.5	ISCS 40
4.8	ISCS 45
5.3	ISCS 50



3. S-Wide Surgical Tap

Drill that is used when bone density is D1 or D2. When using this drill, use it after the final drill.

Diameter(Φ)	product Name
5.5	TD 55
6.0	ID 60
7.0	TD 70

4. Connector

The connectors are in two types; ratchet and contra angle.

Type	Diameter(Φ)	product Name
Ratchet	15.0	RC 15
Contra angle	4.3-	CAA 00

S-Wide Kit Composition

6. Stopper

It is safe and used for precise drilling by connecting to the drill. Stopper is exists in sizes of 6.0, 7.0, 8.5, 10, 11.5mm.

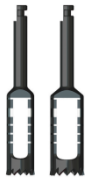
Length(mm)	product Name
6.0	DSL 060
7.0	DSL 070
8.5	DSL 085
10.0	DSL 100
11.5	DSL 115

7. Hex Driver

Tool Used when connecting or detaching screw and cover screw

Length(mm)	Hex	product Name
12	1.2	HD 1212

8. Trephine Drill



To place the S-Wide fixture, it can skip the steps from Guide drill to 4.3 drill to create a general hole. Also, it can be used in order to form an even hole prior to drilling for extraction.

Length(mm)	product Name
6.0	DSL 060
7.0	DSL 070
8.5	DSL 085
10.0	DSL 100
11.5	DSL 115

Other Surgical & Prosthetic Component

1. Impression Coping Positioner

- Used to connect with EB, IT, IS system of transfer impression coping screw.
- Take each coping body and screw as a positioner. The screw can be connected as relocating the hex by grabbing with one hand.

product Name
FDHSET 01

2. IT Solid Abutment Driver

Match the straight line marked on the driver with the groove of solid abutment. After, connect the fixture by rotation.

Length(mm)	product Name
12.0	ITAD 0L

3. IT Excellent Solid Abutment Driver

Match the straight line marked on the driver with the groove of an excellent solid abutment. After, connect the fixture by rotation.

Length(mm)	product Name
12.0	ITESDD 00

Other Surgical & Prosthetic Component

4. Bone Profiler

After removing the screw, a tool is used to clean-up the bone around EB fixture before putting the prosthesis..

Type	Diameter(Φ)	product Name
Narrow	2.9	TSD 29
Regular	3.3	TSD 33
Wide(3i)	3.5	TSD 35
Wide(Branemark)	4.5	TSD 45(SI II wide)

5. Tissue Punch

Tool used to cut the tissue neatly into a shape of circle.

Diameter(Φ)0	product Name
4.1	ISCS 35
4.8	ISCS 45
5.3	ISCS 50

6. Lindemann Drill

Side cutting and path correction are possible as a function along with the function of Guide drill and initial drill.

Diameter(Φ)	product Name
7.0	TD 70

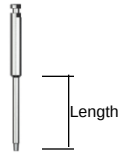
Other Surgical & Prosthetic Component

7 Thread Former

Tool used to save the screw shape in the damaged internal of fixture..

Type	product Name
M1.6 x 0.35P	TF 16
M1.8 x 0.35P	TF 18
M2.0 x 0.4P	TF 20
M2.5 x 0.45P	TF 25

8. Hex Driver



Tool used for connecting and disconnecting the abutment screw with cover screw or healing abutment.

Type	Hex	Length(mm)	product Name
Ratchet	0.9	10.0	HD 0910
		15.0	HD 0915
		20.0	HD 0920
	1.2	7.0	HD 1207
		10.0	HD 1210
		15.0	HD 1215
		20.0	HD 1220
Contra Angle	0.9	15.0	HDC 0915
		20.0	HDC 0920
	1.2	15.0	HDC 1215
		20.0	HDC 1220

Other Surgical & Prosthetic Component

9. Abutment Positioner

When fixing SCRP multi abutment to fixture, user have to use abutment positioned for exact position of hex and direction of prosthesis.

Type	Length(mm)	Length2(mm)	product Name
Short	15.0	2.0	AP 2015 (HDS 1215 + AP 202)
Long	20.0	7.0	AP 2020 (HDS 1220 + AP 207)

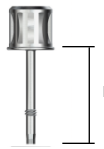
Single Component

✓ Abutment Positioner Hex Driver

Type	Length(mm)	product Name
Short	15.0	HDS 1215
Long	20.0	HDS 1220

✓ Abutment Positioner Holder

Type	Length(mm)	product Name
Short	2.0	AP 202
Medium	5.0	AP 205
Long	7.0	AP 207

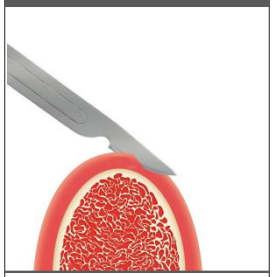


Abutment Positioner Hex Driver

Abutment Positioner Holder

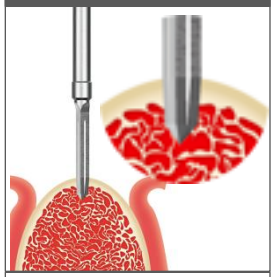
IS-II / IS-II active Fixture Surgical Guide

1. Incision



Make a full-thickness crestal incision and use a peristeal elevator to expose the alveolar ridge.

2. Guide Drill

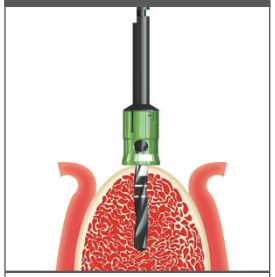


Optimal implant location is selected using the guide drill.

The drilling depth using guide drill should not be over the apex line(2~3mm) of the guide drill.

※Speed : 1,200 ~ 1,500rpm

3. Φ2.0 Initial Drill

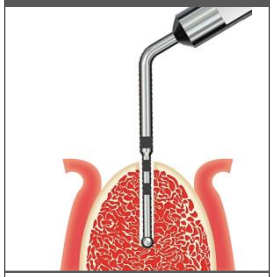


Use the 2.0mm drill mounted a stopper to create a pilot hole of appropriate depth. Check the bone density during the drilling with your technical sense.

Pumping action is recommended while drilling. If the fixture needs deeper hole or to control the depth, we recommend using 1 step shorter stopper to over drilling.

※Speed : 1,200rpm

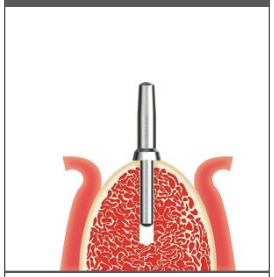
4. Depth Gauge



After drilling 2.0 straight drill, check the drilling depth using depth gauge.

The laser marking represents drilling depth from 7.0, 8.5, 10.0, 11.5 and 13.0 mm from the bottom of depth gauge.

5. Parallel Pin



Use the parallel pin to determine the appropriate alignment with adjacent teeth, opposing occlusion of other implants.

6. Twist Surgical Drill

After attached an appropriate stopper to the tapper drill, make a drill hole. Select an appropriate drill type depending on the bone density.

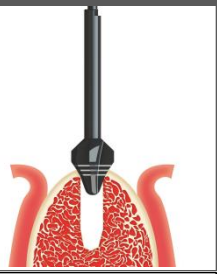
D1: Use hard bone drill(H)
·Narrow(3.5) Implant : Guide drill→2.0 drill→2.9 drill
·Regular(4.0) Implant : Narrow(3.5)→3.3 drill→3.5 drill
·Regular(4.5) Implant : Regular(4.0)→3.8 drill→4.1 drill
·Wide(5.0) Implant : Regular(4.5)→4.3 drill\

D1: Use hard bone drill(H)
·Narrow(3.5) Implant : Guide drill→2.0 drill→2.9 drill
·Regular(4.0) Implant : Narrow(3.5)→3.3 drill→3.5 drill
·Regular(4.5) Implant : Regular(4.0)→3.8 drill→4.1 drill
·Wide(5.0) Implant : Regular(4.5)→4.3 drill\

D1: Use hard bone drill(H)
·Narrow(3.5) Implant : Guide drill→2.0 drill→2.9 drill
·Regular(4.0) Implant : Narrow(3.5)→3.3 drill→3.5 drill
·Regular(4.5) Implant : Regular(4.0)→3.8 drill→4.1 drill
·Wide(5.0) Implant : Regular(4.5)→4.3 drill\

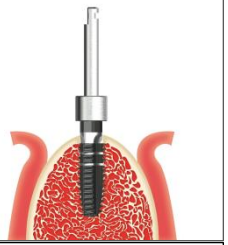
IS-II / IS-II active Fixture Surgical Guide

7. Multi Profile



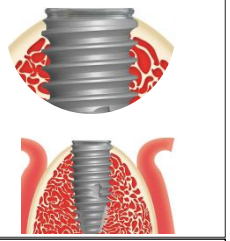
When the bone density is D1 or D2, the multi profile is used for preparing the marginal bone.
When the narrow, regular and wide fixtures are placed, drill up to the upper part of the countersink.
※Speed : 1,200 ~ 1,500rpm
.

8. Surgical Tap



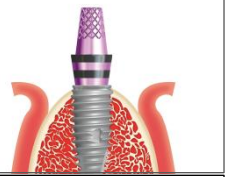
When the bone density is D1 or D2, the prepared site can be tapped with a tap drill. After mounting contra angle connector to the tap drill,
complete tapping at the speed of 25 rpm and full length. When **the bone density is D3 or D4, make a under tapping to increase the fixation strength**. If immediate loading is required, downsize to "s"drill and then proceed tapping.
.

9. Insertion



Place the IS II fixture using free mount fixture driver of either contra angle type or ratchet type.
insertion torque : 30-40Ncm.
Since the laser marking on the drill is designed to level to the flap top of the fixture, the fixture can be inserted up to the flat top level.
(1)the fixture can be inserted just up to the bioseal groove level.
(2) However, when the healing abutment is connected

10. Direction Pin



After combining the direction pin to the fixture insertion, relation with opposite arch and choose of abutment and prosthetic treatment can be predicted.

And if additional fixture has to be implanted, direction pin can be reference the direction pin.

11. Healing Abutment / Cover screw & Suture

If the initial fixation of the torque is more than 20 Ncm, the healing abutments are intended for use following second-stage surgery, to promote soft-tissue recovery.

By using 1.2 Hex Driver,Healing Abutment & Cover Screw can be closed by hand and turning anticlockwise it can be removed again If the initial fixation is under 20Ncm, the cover screw should be used and complete the suture.

12. Tip (Ways of successful initial fixation)

If implant final insertion torque is 45 NCM, turn inversely 1~2 wheel and then continue the insertion until 35~40 NCM which will gain the initial fixation.

Warning
- If the 2/3 insertion of the fixture show over 45 NCM torque during the process, reverse the insertion and take out the fixture. After taking out the fixture,
drill one step deeper or wider or try tapping and process the insertion of the fixture.
- Not only excessive insertion torque can be the cause of surgical failure, also it can be compulsive to the implant hex. In other cases, if the implant driver
and fixture itself does not combine completely, this can cause damages to the hex.

Hex driver - 2 sizes of Hex Driver which can be used.
- 0.9mm hex driver with cover screw
- 1.2mm hex driver with healing abutment