

NeoBiotech
IMPLANT SYSTEM

IMPLANT SYSTEMS





NeoBiotech

IMPLANT SYSTEM

Serving the best products and services to implantologists under the motto of No.1 implant system in the world.

Neobiotech is a leading manufacturer and supplier of comprehensive products and solutions for implant, restorative, and digital dentistry. Ever since our foundation in year 2000, Neobiotech have been relentlessly striving for new and better ways in every area of implant dentistry with a central belief that our solutions must remain Simple, Safe, and Speedy (the 3S Spirit) for both the dentists and patients. Today, Neobiotech products, services, and educational offerings are available in around 70 countries worldwide through subsidiaries and distributors.

Neobiotech Co. believes that implant design should be developed based on implant surgical protocols prior to the application of other technologies. In 2007, Neobiotech introduced a new implant to the world, called CMI (Sinus Quick) Implant: an implant designed to easily achieve maximum initial fixation in maxillary or mandibular bone during implant placement. Neobiotech changed the implant design from a straight body type (earlier implant design) to tapered body type by applying the concept of "CMI fixation" and "Anytime loading". This innovation led Neobiotech to differentiate its products from other implant companies' products and services.

In the same year, Neobiotech launched the new GBR system that enabled easier, safer, and faster GBR process, which Neobiotech invented through many years of Dr. Heo's (CEO of Neobiotech) surgical experiences. In 2008, Neobiotech released the Sinus Crestal Approach (SCA) surgical kit and brought out innovation to sinus implant surgical operation. In the same year, Neobiotech also launched the Sinus Lateral Approach (SLA) Kit, which received praise and love worldwide.

In the middle of 2009, for the very first time, Neobiotech launched the FR Kit (Fixture Remover Kit), which let easy access on removing fixture abutments to dentists. In 2010, Neobiotech have launched the SR Kit (Screw Remover Kit), and from this, Neobiotech have made advanced surgical solution series: SCA Kit, SLA Kit, FR Kit, SR Kit. Furthermore, Neobiotech launched the new GBR solution series in 2011: new GBR Kit, CTi-mem (Customized Titanium Membrane), ACM (Autochip Maker).

In recent years, technological advance in world of digital dentistry was a new topic to dental clinicians. As one of the world leaders of dental technology, and with the very passion to provide better service to every clinicians leading world trend, NeoBiotech cooperates with global manufacturers of digital products; intra-oral scanner, 3D printer, milling machine, and CAD program.

Responding to needs from dental field since clinicians face digital era of dentistry, in 2017, 'AnyCheck', a mini-device to measure bone mobility level as healing abutments installed, and in 2019, 'OSTEO ACTIVE', a world-first plasma hydrophilicity activator for fixtures, are developed and launched.

Startling the world, VAROGuide, an advanced and original system for new era of digital dentistry developed by Neobiotech, is introduced in 2019. VAROGuide is differentiated for its simple process and accurate result from the conventional digital guide system.

As is, Neobiotech will always genuinely devote the uttermost effort to provide innovation and paradigm to digital dentistry.

Neobiotech has not only focused on creating innovative products and surgical protocols, but also followed the 3S (Simple, Safe, Speedy) concept while developing products in order to make sure the products were much simpler, safer, and faster for every implantologist to be confident and feel convenient during implant surgery.

To satisfy all of our customers' needs, Neobiotech will always be more than happy to come closer and listen to our valuable customers' voices. Neobiotech will strive to be the world's best implant company by continuously developing new implant system that all implantologists will trust and enjoy.

Chairman of Neobiotech
Young-ku Heo



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Product Line Up

Congratulations! You have made an excellent choice.
Welcome to the Neobiotech family

Implant System



IS System



Neo Master Kit



IS Full Kit



Neo Surgical Kit



S-Wide Kit



S-Narrow Kit



Prosthetic Kit



Ridge Wider Kit



Neo Prosthetic Planning Kit



Neo NaviGuide Kit



Neo NaviGuide Narrow Kit

Sinus Lift Solution

Repair Solution

GBR Solution



FR Kit
(Fixture Remover Kit)



SCA Kit
(Sinus Crestal Approach Kit)



SR Kit
(Screw Remover Kit)












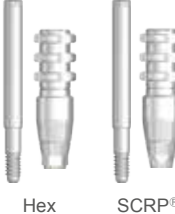















SLA Kit
(Sinus Lateral Approach Kit)



ACM
(Auto Chip Maker)

IS Implant System Chart

Fixture	Healing & Cover Screw	Abutment		Impression Coping	Lab Analog
 IS-III active  IS-II active	 Healing Abutment  Cover Screw	Solid	 Solid	 PickCap	 Fixture Level  Abutment Level
		Cemented	 Hex SCRP® Non-Hex Abutment Positioner	 Impression Cap	
		Angled	 Hex(A-Type) Hex(B-Type) Non-Hex	 Pick-up Hex SCRP®	
		Shapable	 Hex	 Non-Hex	
		UCLA	 Hex SCRP® Non-Hex CCM	 Transfer Hex Non-Hex	
		Temporary	 Hex SCRP® Non-Hex	 Impression coping positioner	
		Ball	  Clinical  Retainer  Housing	 Lab  Retainer  Housing	



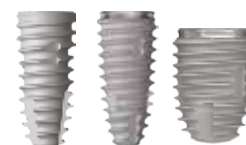


NeoBiotech
IS IMPLANT SYSTEM

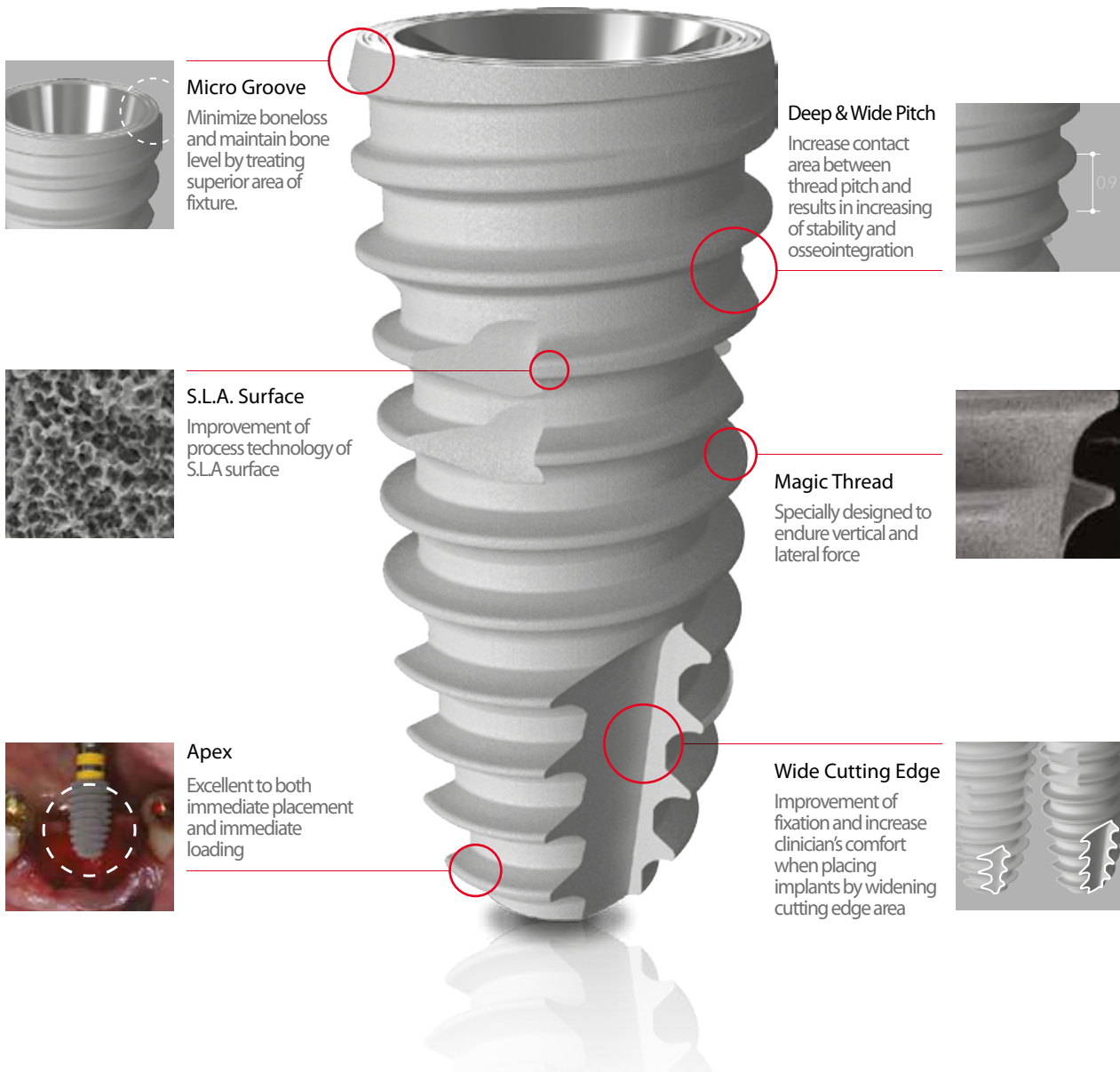
IS-III active / IS-III active S-Narrow / IS-III active S-Wide / IS-II active / IS-II active S-Wide

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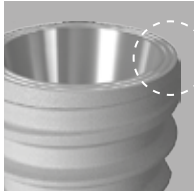


IS-III active



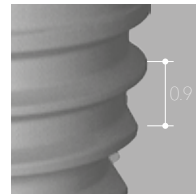
Micro Groove

Minimize bone loss and maintain bone level by treating superior area of fixture.



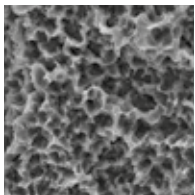
Deep & Wide Pitch

Increase contact area between thread pitch and results in increasing of stability and osseointegration



S.L.A. Surface

Improvement of process technology of S.L.A surface



Magic Thread

Specially designed to endure vertical and lateral force



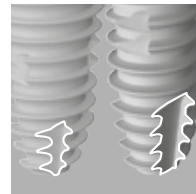
Apex

Excellent to both immediate placement and immediate loading

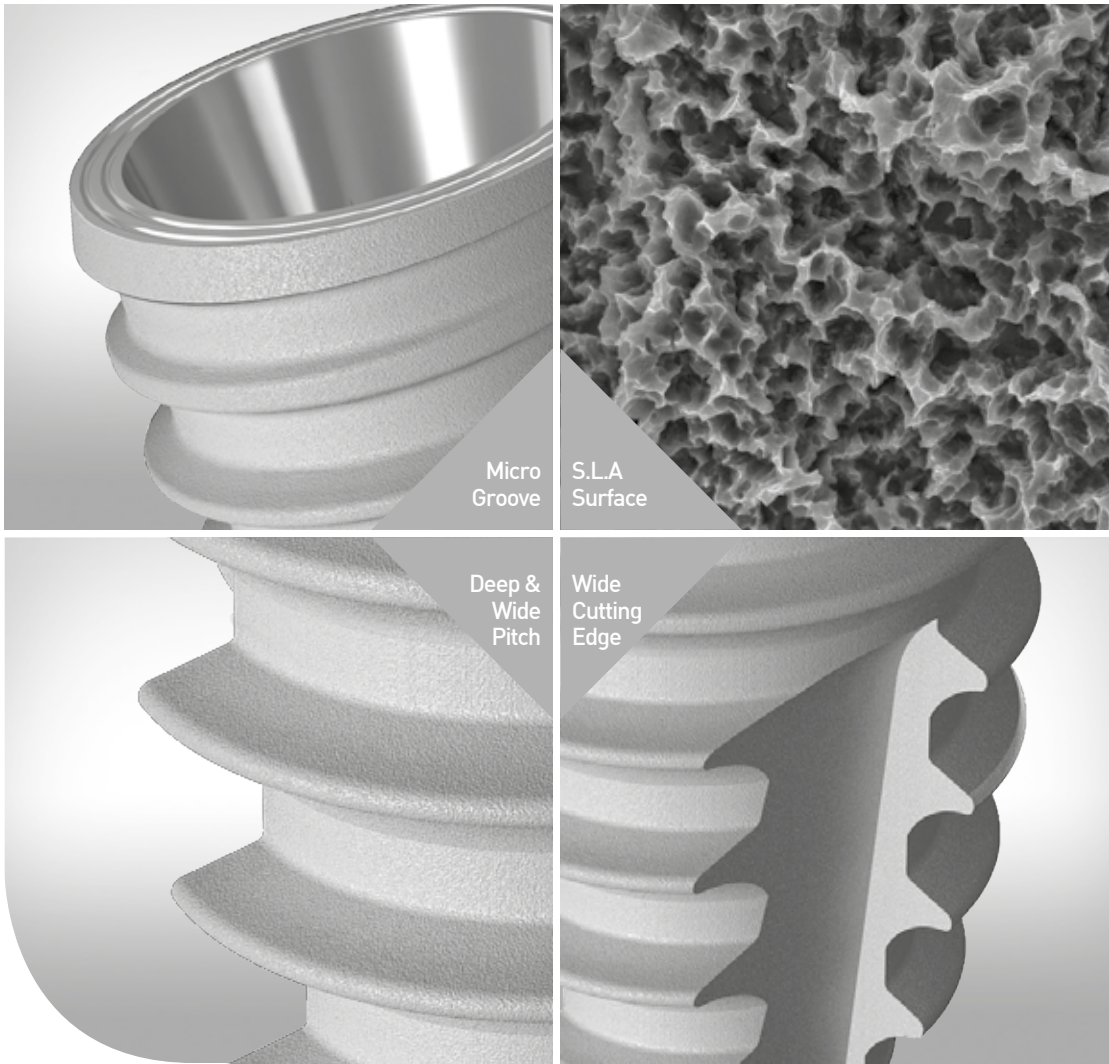


Wide Cutting Edge

Improvement of fixation and increase clinician's comfort when placing implants by widening cutting edge area



- Osteoconductivity Implant Surface (S.L.A.)
- Crestal MacroThread Design
- Self-Compactable Apex
- Powerful Deep Thread
- Micro Groove Design
- Conical Seal 11°



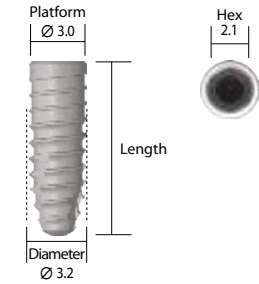
Clinical Case



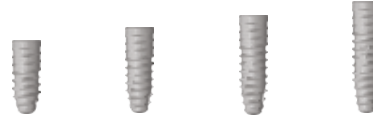
IS-III active Fixture(S.L.A. Surface)

The fixture bigger than Ø4.5 diameter is recommended to be placed in posterior area.

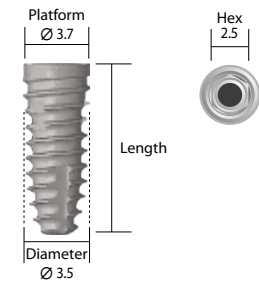
• Cover Screw excluded



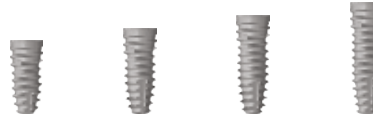
• S-Narrow / Diameter Ø 3.2



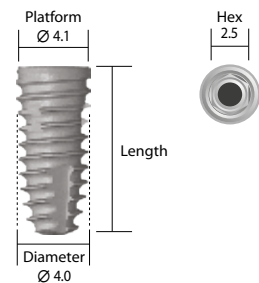
Length(mm)	8.5	10.0	11.5	13.0
Product name	IS3SN3008AP	IS3SN3010AP	IS3SN3011AP	IS3SN3013AP



• Narrow / Diameter Ø 3.5



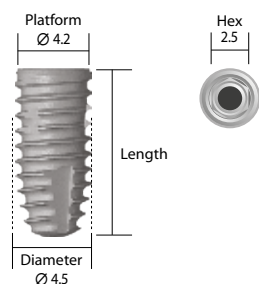
Length(mm)	8.5	10.0	11.5	13.0
Product name	IS33508AP	IS33510AP	IS33511AP	IS33513AP



• Regular / Diameter Ø 4.0



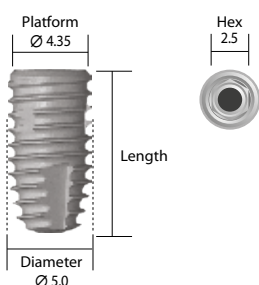
Length(mm)	7.3	8.5	10.0	11.5	13.0
Product name	IS34007AP	IS34008AP	IS34010AP	IS34011AP	IS34013AP



• Regular / Diameter Ø 4.5



Length(mm)	7.3	8.5	10.0	11.5	13.0
Product name	IS34507AP	IS34508AP	IS34510AP	IS34511AP	IS34513AP



• Wide / Diameter Ø 5.0



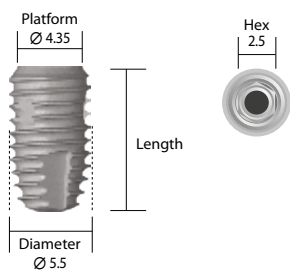
Length(mm)	6.6	7.3	8.5	10.0	11.5	13.0
Product name	IS35006AP	IS35007AP	IS35008AP	IS35010AP	IS35011AP	IS35013AP

※ All measurements can be different with the actual size

IS-III active Fixture(S.L.A. Surface)

The fixture bigger than Ø4.5 diameter is recommended to be placed in posterior area.

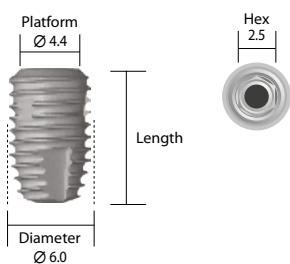
• Cover Screw excluded



• S-Wide / Diameter Ø5.5



Length(mm)	6.6	7.3	8.5	10.0	11.5	13.0
Product name	IS35506AP	IS35507AP	IS35508AP	IS35510AP	IS35511AP	IS35513AP



• S-Wide / Diameter Ø6.0



Length(mm)	6.6	7.3	8.5	10.0	11.5	13.0
Product name	IS36006AP	IS36007AP	IS36008AP	IS36010AP	IS36011AP	IS36013AP

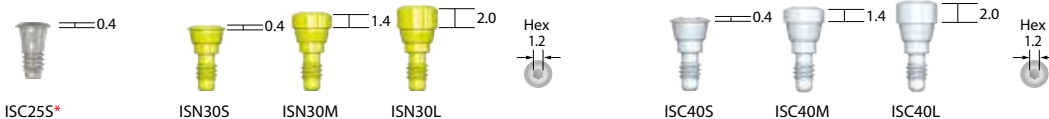
※ Requires S-Wide surgical kit for diameter Ø5.5 ~ Ø6.0 fixture
 ※ All measurements can be different with the actual size

Cover Screw

S-Narrow

Narrow

Regular / Wide / S-Wide



* This component is only for S-narrow fixture.

IS-II active

BioSeal(0.5mm)

Increase sealing of soft tissue and minimize bone loss

S.L.A. Surface

S.L.A. Surface is method that make rough surface by blasting on machined implant surface with HA(Hydroxy Apatite) particle smaller than $50\mu\text{m}$, and dual acid-etching.

Apex

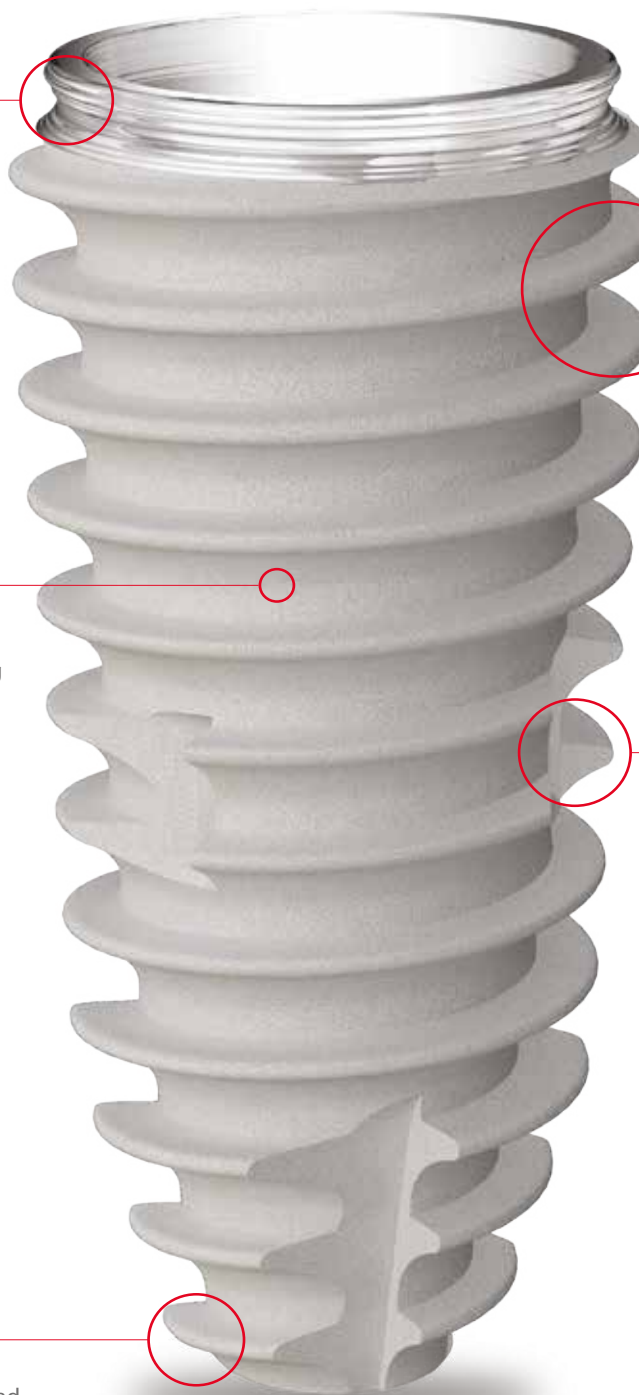
Powerful and well-defined thread exist at the peak of the apex. Initial fixation at the apex is excellent to both immediate placement and immediate loading

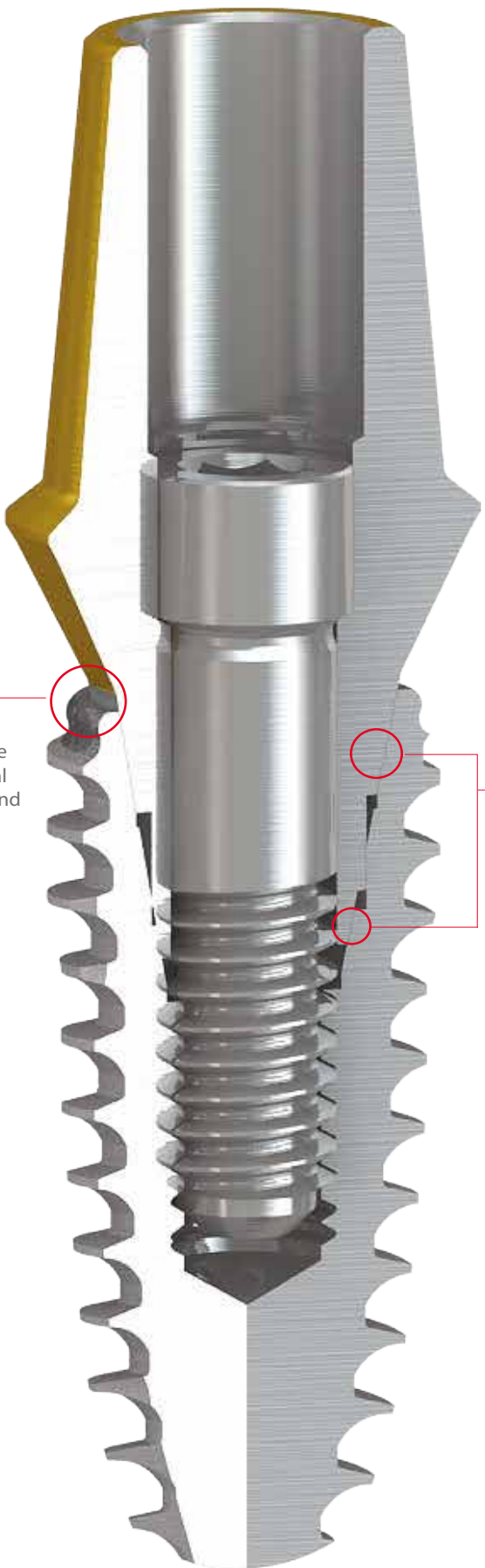
Coronal Macro Thread (Thread pitch 0.8mm)

Excellent primary stability at cortical bone

Magic Thread

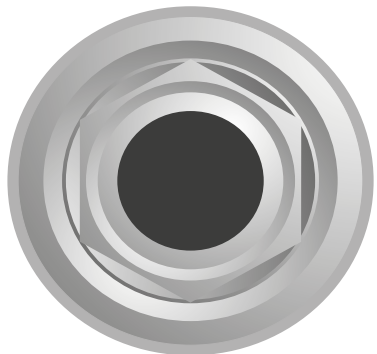
Specially designed to endure vertical force and lateral pressure effectively by lower half triangle thread





Platform Switching
Supports soft tissue interface for natural looking esthetics and minimize marginal bone loss

Two conical contact point
Creating a strong and stable fit between fixture and abutment, minimize marginal bone loss and screw loosening

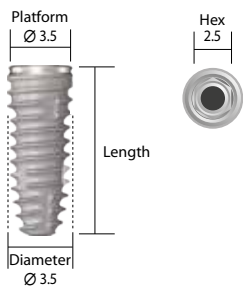


- Internal Conical Connection
- 2.5 Hex
- Conical Seal(11°)

IS-II active Fixture(S.L.A. Surface)

The fixture bigger than Ø4.5 diameter is recommended to be placed in posterior area.

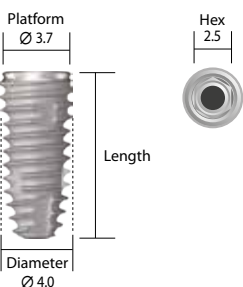
- Cover Screw included



• Narrow / Diameter Ø 3.5



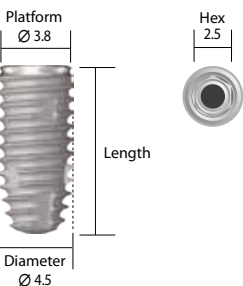
Length(mm)	8.5	10.0	11.5	13.0
Product name	BIS3508A	BIS3510A	BIS3511A	BIS3513A



• Regular / Diameter Ø 4.0



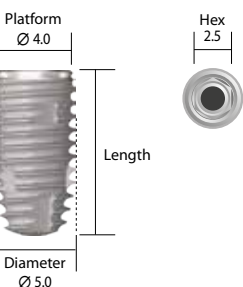
Length(mm)	7.3	8.5	10.0	11.5	13.0
Product name	BIS4007A	BIS4008A	BIS4010A	BIS4011A	BIS4013A



• Regular / Diameter Ø 4.5



Length(mm)	7.3	8.5	10.0	11.5	13.0
Product name	BIS4507A	BIS4508A	BIS4510A	BIS4511A	BIS4513A



• Wide / Diameter Ø 5.0



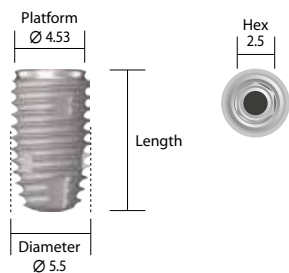
Length(mm)	7.3	7.3	7.3	8.5	10.0	11.5	13.0
Product name	BIS5005A	BIS5006A	BIS5007A	BIS5008A	BIS5010A	BIS5011A	BIS5013A

※ All measurements can be different with the actual size

IS-II active Fixture(S.L.A. Surface)

The fixture bigger than Ø4.5 diameter is recommended to be placed in posterior area.

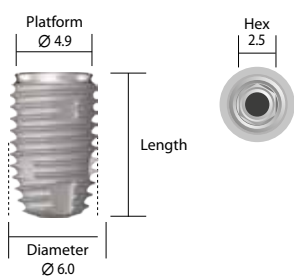
• Cover Screw included



• S-Wide / Diameter Ø 5.5



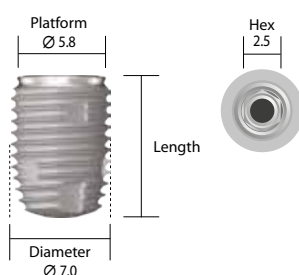
Length(mm)	7.3	7.3	7.3	8.5	10.0	11.5	13.0
Product name	BIS5505A	BIS5506A	BIS5507A	BIS5508A	BIS5510A	BIS5511A	BIS5513A



• S-Wide / Diameter Ø 6.0



Length(mm)	7.3	8.5	10.0	11.5	13.0
Product name	BIS6007A	BIS6008A	BIS6010A	BIS6011A	BIS6013A



• S-Wide / Diameter Ø7.0

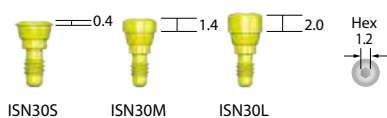


Length(mm)	7.3	8.5	10.0	11.5	13.0
Product name	BIS7007A	BIS7008A	BIS7010A	BIS7011A	BIS7013A

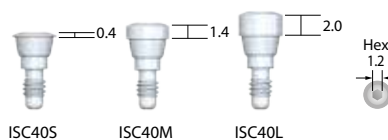
※ Requires S-Wide surgical kit for diameter Ø5.5 ~ Ø7.0 fixture
 ※ All measurements can be different with the actual size

Cover Screw

Narrow / All 7.3mm Fixtures



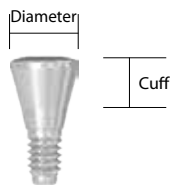
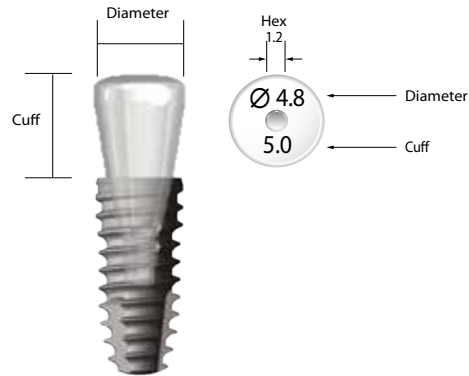
Regular / Wide / S-Wide



IS Healing Abutment

Temporary restorations for contouring of the soft tissue

• Tightening torque : 8~10 Ncm



• Diameter \varnothing 3.0



Diameter	\varnothing 3.0	
Cuff(mm)	3.0	5.0
Product name	ISH3003*	ISH3005*

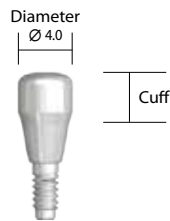
* These components are only for S-narrow fixture.

• Diameter \varnothing 3.8



Diameter	\varnothing 3.8	
Cuff(mm)	3.0	5.0
Product name	ISH3803*	ISH3805*

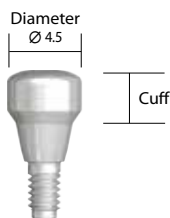
* These components are only for S-narrow fixture.



• Diameter \varnothing 4.0



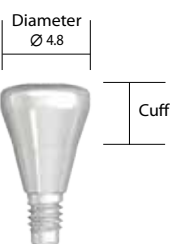
Cuff(mm)	2.0	3.0	4.0	5.0	6.0
Product name	ISUH4002	ISUH4003	ISUH4004	ISUH4005	ISUH4006



• Diameter \varnothing 4.5



Cuff(mm)	2.0	3.0	4.0	5.0	6.0
Product name	ISUH4502	ISUH4503	ISUH4504	ISUH4505	ISUH4506

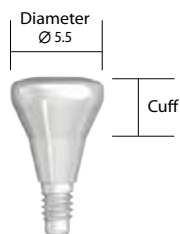


• Diameter \varnothing 4.8



Cuff(mm)	2.0	3.0	4.0	5.0	6.0	7.0
Product name	ISH402	ISH403	ISH404	ISH405	ISH406	ISH407

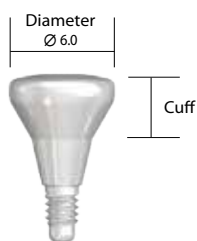
IS Healing Abutment



• Diameter \varnothing 5.5



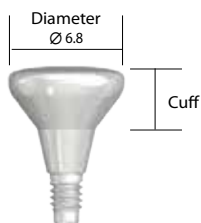
Cuff(mm)	2.0	3.0	4.0	5.0	6.0	7.0
Product name	ISH502	ISH503	ISH504	ISH505	ISH506	ISH507



• Diameter \varnothing 6.0



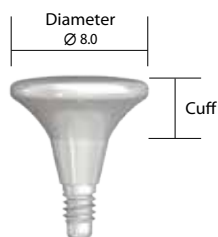
Cuff(mm)	2.0	3.0	4.0	5.0	6.0	7.0
Product name	ISH602	ISH603	ISH604	ISH605	ISH606	ISH607



• Diameter \varnothing 6.8



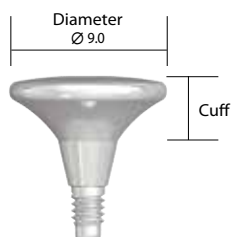
Cuff(mm)	2.0	3.0	4.0	5.0	6.0	7.0
Product name	ISH702	ISH703	ISH704	ISH705	ISH706	ISH707



• Diameter \varnothing 8.0



Cuff(mm)	2.0	3.0	4.0
Product name	ISH802	ISH803	ISH804



• Diameter \varnothing 9.0

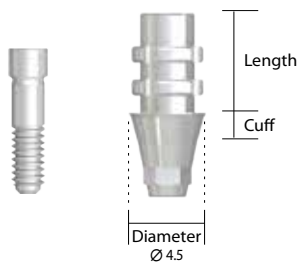
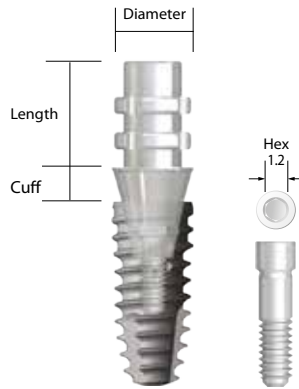


Cuff(mm)	2.0	3.0	4.0
Product name	ISH902	ISH903	ISH904

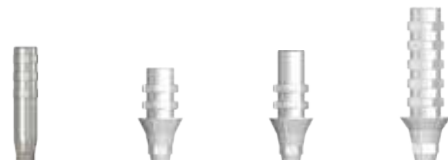
IS Temporary Abutment

Customizable titanium abutment for temporary crown and bridges

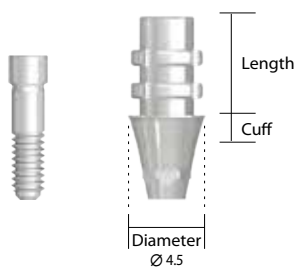
- Tightening torque : 30 Ncm
- Ø 3.2 : Abutment Screw (ISCS16S) included, This component is only for S-narrow fixture
- Ø 4.5 : Abutment Screw (ISCS20) included.



Hex Type



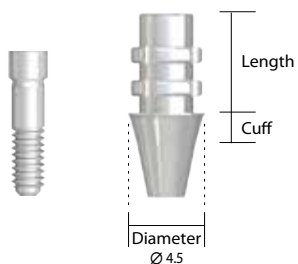
Diameter	Ø 3.2	Ø 4.5		
Cuff	1.0	2.0	2.0	1.0
Length(mm)	11.5	6.0	8.0	13.0
Product name	ISAHT300	ISAHT460	ISAHT480	ISAHT4130



SCRP® Type



Diameter	Ø 4.5		
Cuff	2.0	2.0	1.0
Length(mm)	6.0	8.0	13.0
Product name	ISAST460	ISAST480	ISAST4130



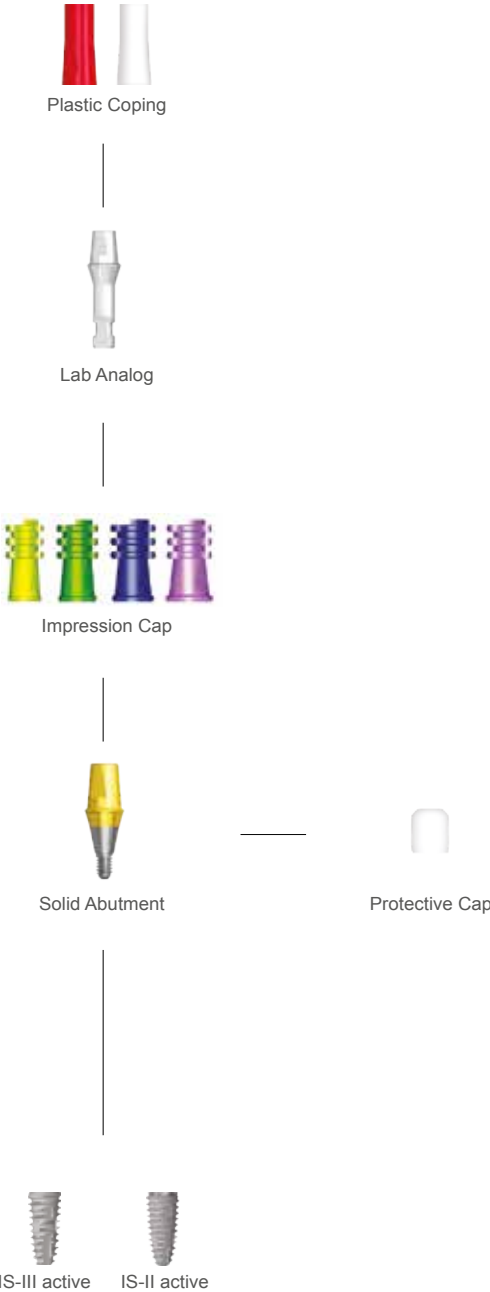
Non-Hex Type



Diameter	Ø 3.2	Ø 4.5		
Cuff	1.0	2.0	2.0	1.0
Length(mm)	11.5	6.0	8.0	13.0
Product name	Ø 4.5 ISANT300	ISANT460	ISANT480	ISANT4130

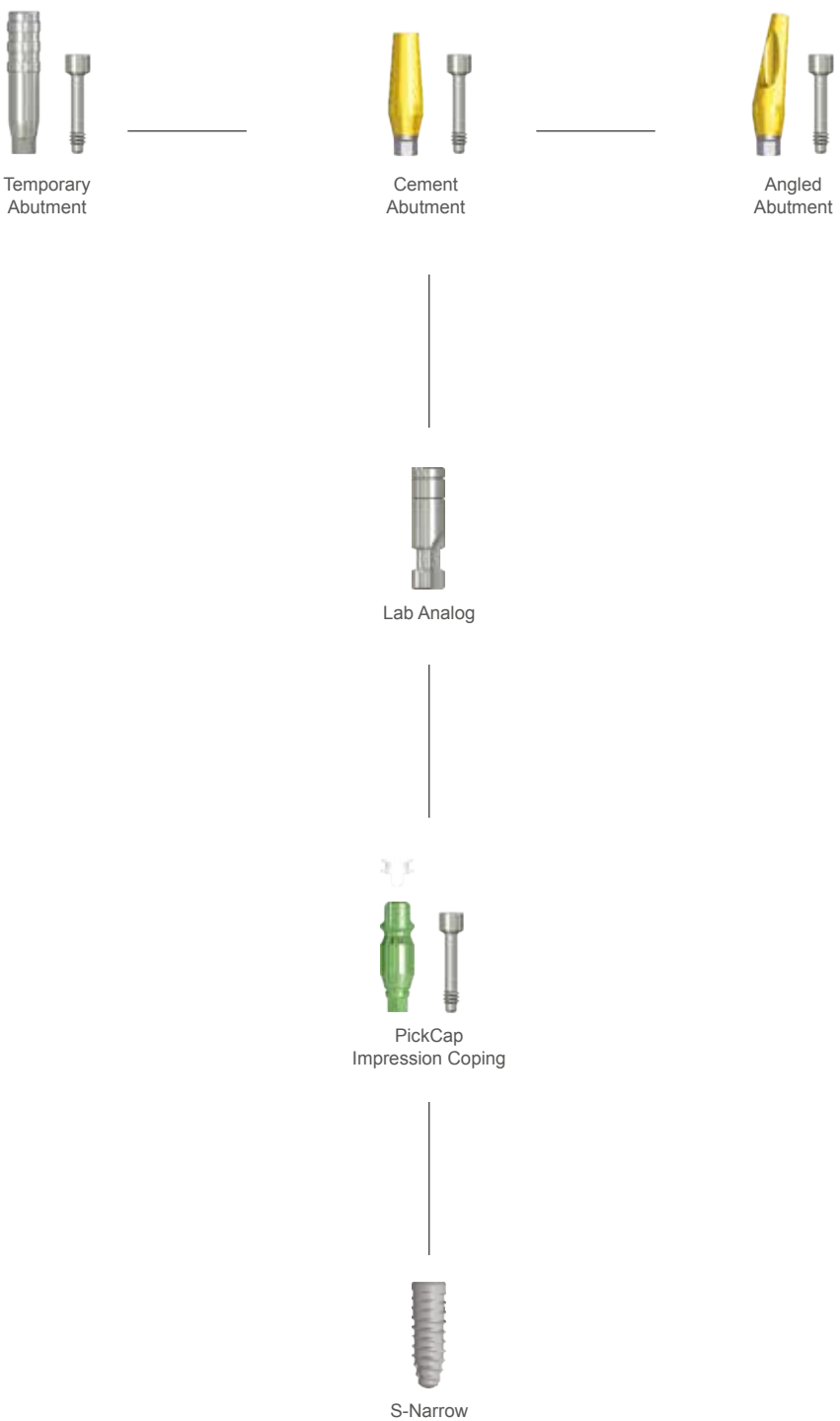
Prosthetic Flow Chart

- IS Solid Abutment



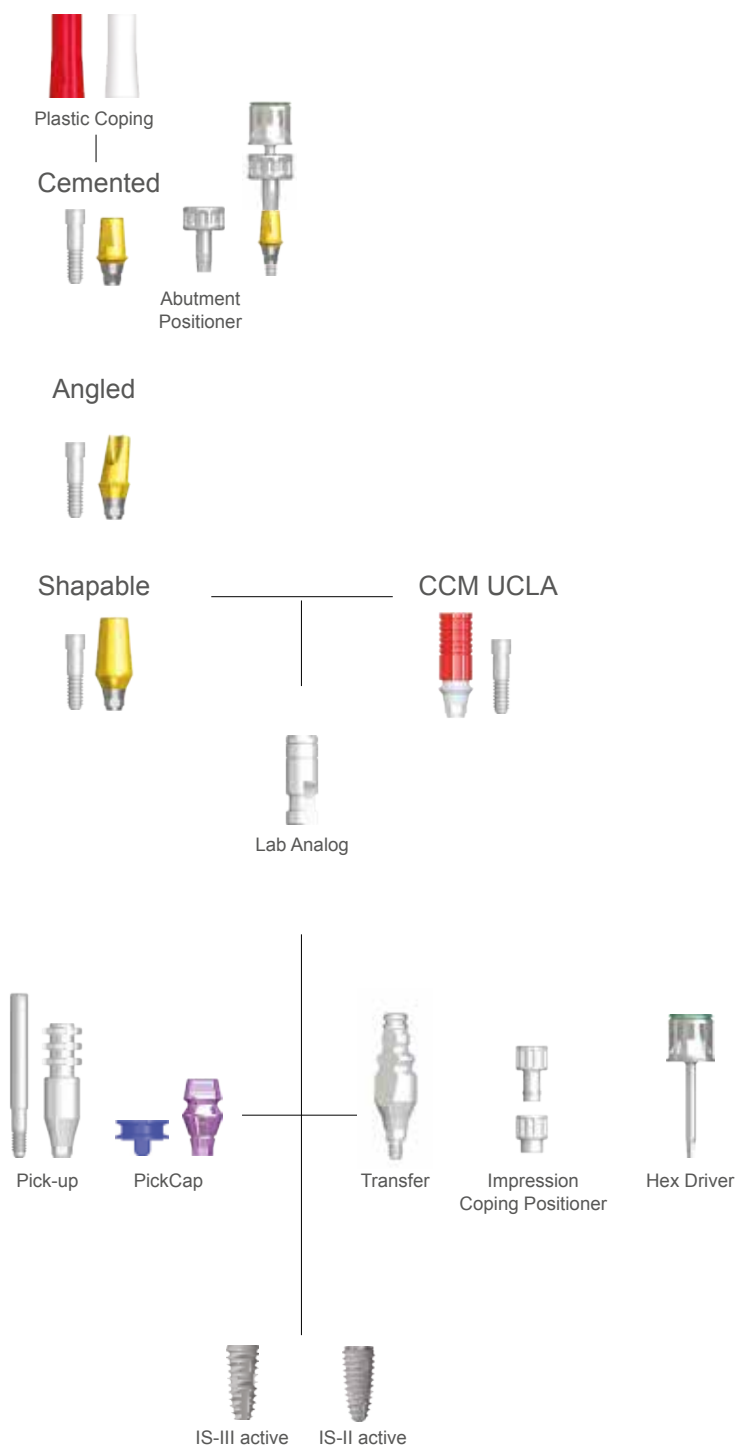
Prosthetic Flow Chart

- IS-III S-Narrow Abutment



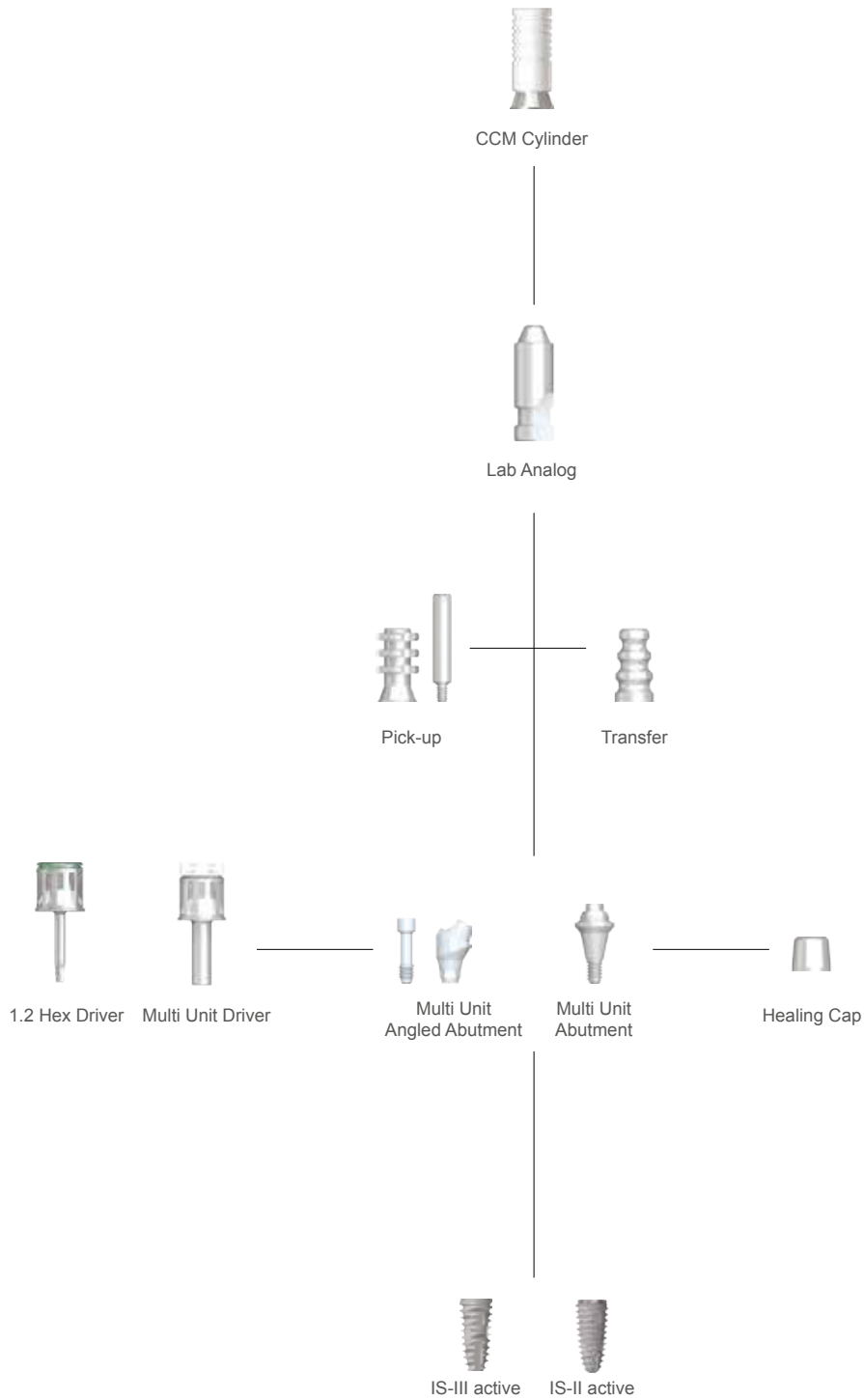
Prosthetic Flow Chart

- IS Abutment



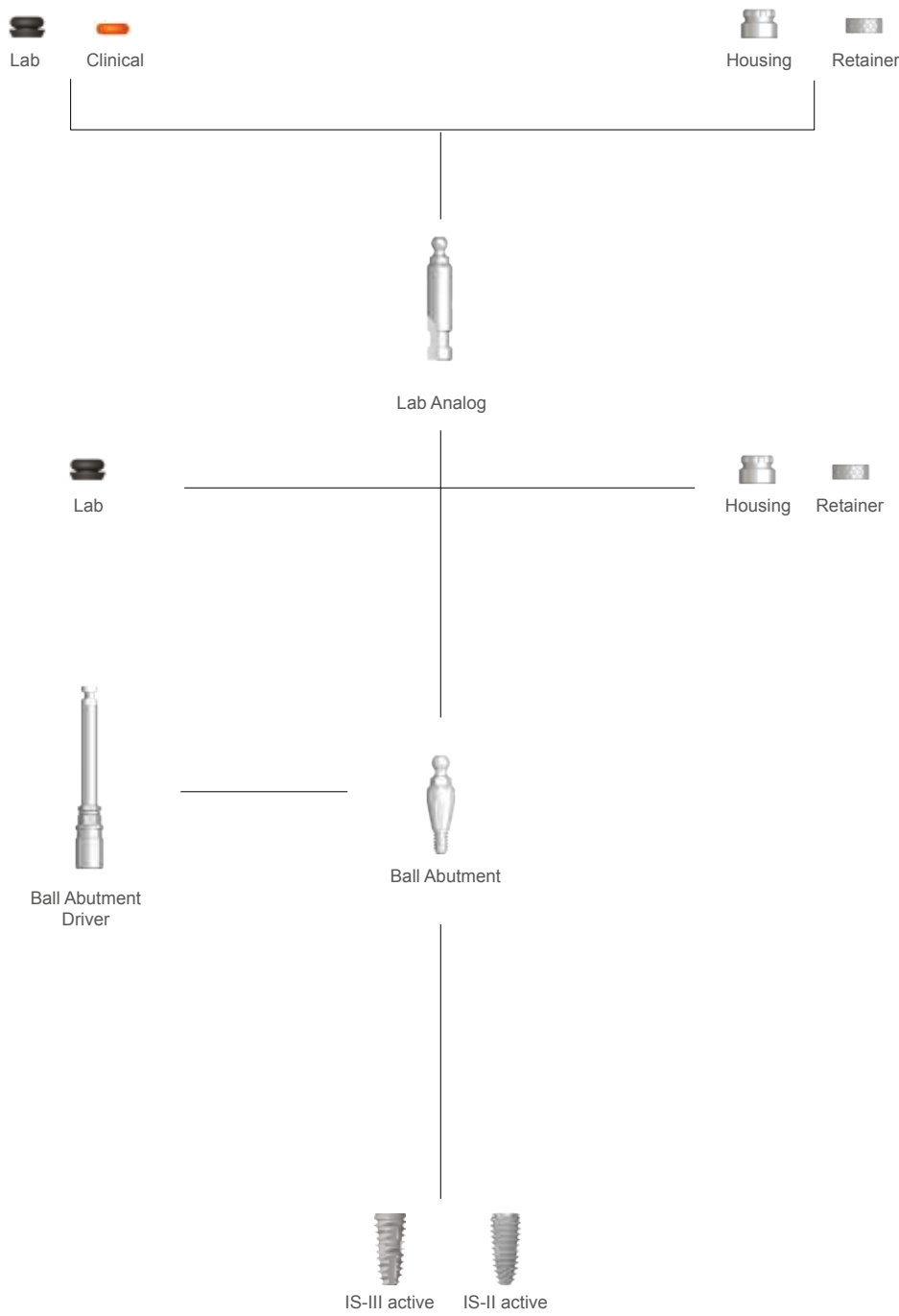
Prosthetic Flow Chart

- IS Multi Unit Abutment



Prosthetic Flow Chart

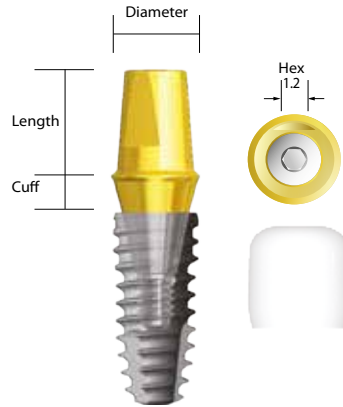
- IS Ball Abutment



IS Solid Abutment

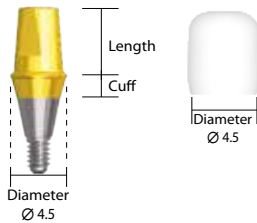
One piece abutment for cemented restorations

• Abutment Tightening Torque : 30 Ncm, Protective Cap Included



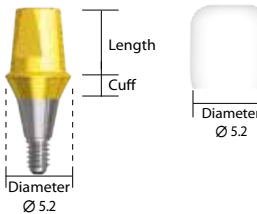
Narrow / Regular / Wide / S-wide

• Diameter $\varnothing 4.5$



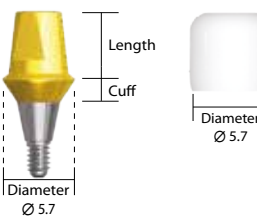
	Cuff(mm)	1.0	2.0	3.0	4.0	5.0
Length	4.0mm	ISAE4140	ISAE4240	ISAE4340	ISAE4440	ISAE4540
	5.5mm	ISAE415	ISAE425	ISAE435	ISAE445	ISAE455
	7.0mm	ISAE417	ISAE427	ISAE437	ISAE447	ISAE457

• Diameter $\varnothing 5.2$



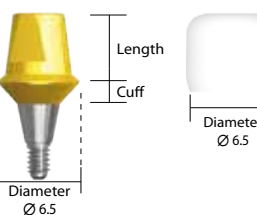
	Cuff(mm)	1.0	2.0	3.0	4.0	5.0
Length	4.0mm	ISAE5140	ISAE5240	ISAE5340	ISAE5440	ISAE5540
	5.5mm	ISAE515	ISAE525	ISAE535	ISAE545	ISAE555
	7.0mm	ISAE517	ISAE527	ISAE537	ISAE547	ISAE557

• Diameter $\varnothing 5.7$



	Cuff(mm)	1.0	2.0	3.0	4.0	5.0
Length	4.0mm	ISAE6140	ISAE6240	ISAE6340	ISAE6440	ISAE6540
	5.5mm	ISAE615	ISAE625	ISAE635	ISAE645	ISAE655
	7.0mm	ISAE617	ISAE627	ISAE637	ISAE647	ISAE657

• Diameter $\varnothing 6.5$

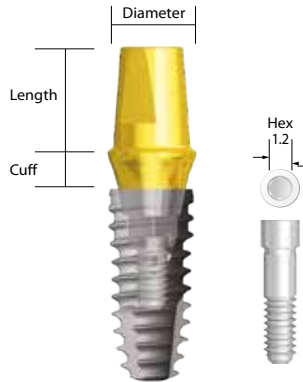


	Cuff(mm)	1.0	2.0	3.0	4.0	5.0
Length	5.5mm	ISAE715	ISAE725	ISAE735	ISAE745	ISAE755

IS Cemented Abutment (Hex Type)

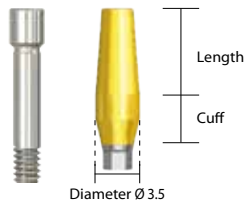
Cementable or Screw-retained abutment for single tooth and bridges

- Customizable by grinding (need to remain at least 3mm of abutment length above fixture platform)
- Abutment Screw (ISCS20) included, Tightening Torque : 30 Ncm



S-Narrow

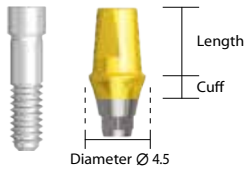
- Diameter $\varnothing 3.5$



Cuff	3.0	4.0	5.0	7.0
Length(mm)	7.0 mm			
Product name	ISAH3537	ISAH3547	ISAH3557	ISAH3577

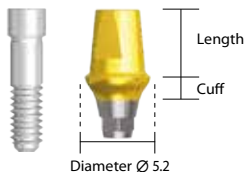
Narrow / Regular / Wide / S-wide

- Diameter $\varnothing 4.5$



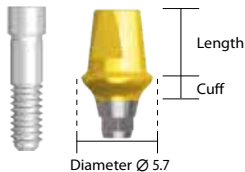
Cuff(mm)	1.0	2.0	3.0	4.0	5.0	
Length	4.0mm	ISAH4140	ISAH4240	ISAH4340	ISAH4440	ISAH4540
	5.5mm	ISAH415	ISAH425	ISAH435	ISAH445	ISAH455
	7.0mm	ISAH417	ISAH427	ISAH437	ISAH447	ISAH457

- Diameter $\varnothing 5.2$



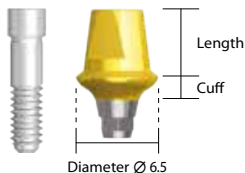
Cuff(mm)	1.0	2.0	3.0	4.0	5.0	
Length	4.0mm	ISAH5140	ISAH5240	ISAH5340	ISAH5440	ISAH5540
	5.5mm	ISAH515	ISAH525	ISAH535	ISAH545	ISAH555
	7.0mm	ISAH517	ISAH527	ISAH537	ISAH547	ISAH557

- Diameter $\varnothing 5.7$



Cuff(mm)	1.0	2.0	3.0	4.0	5.0	
Length	4.0mm	ISAH6140	ISAH6240	ISAH6340	ISAH6440	ISAH6540
	5.5mm	ISAH615	ISAH625	ISAH635	ISAH645	ISAH655
	7.0mm	ISAH617	ISAH627	ISAH637	ISAH647	ISAH657

- Diameter $\varnothing 6.5$

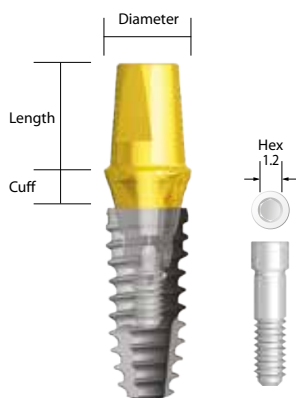
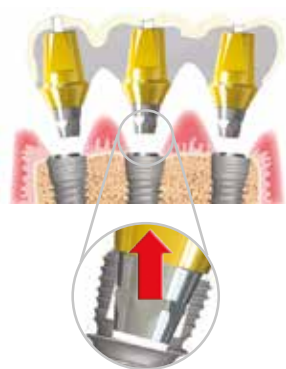


Cuff(mm)	1.0	2.0	3.0	4.0	5.0	
Length	4.0mm	ISAH7140	ISAH7240	ISAH7340	ISAH7440	ISAH7540
	5.5mm	ISAH715	ISAH725	ISAH735	ISAH745	ISAH755

IS Cemented Abutment (SCRP® Type)

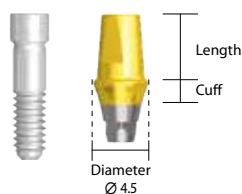
Abutment for screw-cement retained prosthesis

- Short hex design, Retrievable within 20° between implants
- Customizable by grinding (need to remain at least 3mm of abutment length above fixture platform)
- Abutment Screw (ISCS20) included, Tightening Torque : 30 Ncm



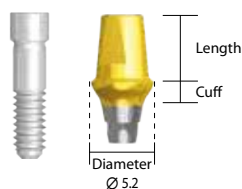
Narrow / Regular / Wide / S-wide

• Diameter $\varnothing 4.5$



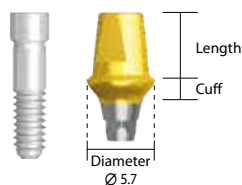
Cuff(mm)		1.0	2.0	3.0	4.0	5.0
Length	4.0mm	ISAS4140	ISAS4240	ISAS4340	ISAS4440	ISAS4540
	5.5mm	ISAS415	ISAS425	ISAS435	ISAS445	ISAS455
	7.0mm	ISAS417	ISAS427	ISAS437	ISAS447	ISAS457

• Diameter $\varnothing 5.2$



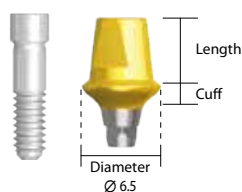
Cuff(mm)		1.0	2.0	3.0	4.0	5.0
Length	4.0mm	ISAS5140	ISAS5240	ISAS5340	ISAS5440	ISAS5540
	5.5mm	ISAS515	ISAS525	ISAS535	ISAS545	ISAS555
	7.0mm	ISAS517	ISAS527	ISAS537	ISAS547	ISAS557

• Diameter $\varnothing 5.7$



Cuff(mm)		1.0	2.0	3.0	4.0	5.0
Length	4.0mm	ISAS6140	ISAS6240	ISAS6340	ISAS6440	ISAS6540
	5.5mm	ISAS615	ISAS625	ISAS635	ISAS645	ISAS655
	7.0mm	ISAS617	ISAS627	ISAS637	ISAS647	ISAS657

• Diameter $\varnothing 6.5$

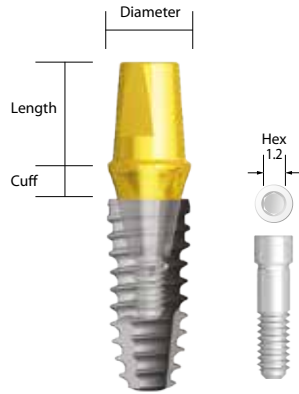


Cuff(mm)		1.0	2.0	3.0	4.0	5.0
Length	4.0mm	ISAS7140	ISAS7240	ISAS7340	ISAS7440	ISAS7540
	5.5mm	ISAS715	ISAS725	ISAS735	ISAS745	ISAS755

IS Cemented Abutment (Non-Hex Type)

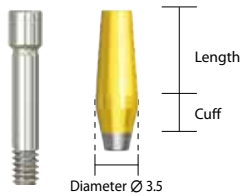
Cementable or Screw-retained abutment for multiple or bridges

- Customizable by grinding (need to remain at least 3mm of abutment length above fixture platform)
- Abutment Screw (ISCS20) included, Tightening Torque : 30 Ncm



S-Narrow

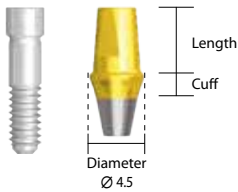
- Diameter $\varnothing 3.5$



Cuff	3.0	4.0	5.0	7.0
Length(mm)	7.0 mm			
Product name	ISAN3537*	ISAN3547*	ISAN3557*	ISAN3577*

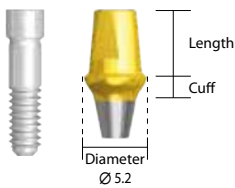
Narrow / Regular / Wide / S-wide

- Diameter $\varnothing 4.5$



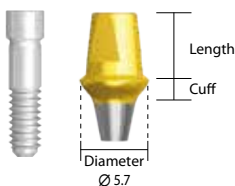
Cuff(mm)	1.0	2.0	3.0	4.0	5.0	
Length	4.0mm	ISAN4140	ISAN4240	ISAN4340	ISAN4440	ISAN4540
	5.5mm	ISAN415	ISAN425	ISAN435	ISAN445	ISAN455
	7.0mm	ISAN417	ISAN427	ISAN437	ISAN447	ISAN457

- Diameter $\varnothing 5.2$



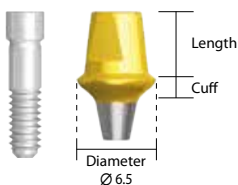
Cuff(mm)	1.0	2.0	3.0	4.0	5.0	
Length	4.0mm	ISAN5140	ISAN5240	ISAN5340	ISAN5440	ISAN5540
	5.5mm	ISAN515	ISAN525	ISAN535	ISAN545	ISAN555
	7.0mm	ISAN517	ISAN527	ISAN537	ISAN547	ISAN557

- Diameter $\varnothing 5.7$



Cuff(mm)	1.0	2.0	3.0	4.0	5.0	
Length	4.0mm	ISAN6140	ISAN6240	ISAN6340	ISAN6440	ISAN6540
	5.5mm	ISAN615	ISAN625	ISAN635	ISAN645	ISAN655
	7.0mm	ISAN617	ISAN627	ISAN637	ISAN647	ISAN657

- Diameter $\varnothing 6.5$

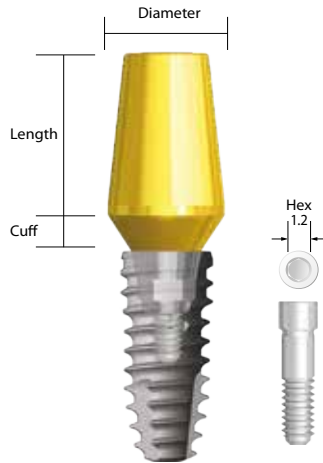


Cuff(mm)	1.0	2.0	3.0	4.0	5.0	
Length	4.0mm	ISAN7140	ISAN7240	ISAN7340	ISAN7440	ISAN7540
	5.5mm	ISAN715	ISAN725	ISAN735	ISAN745	ISAN755

IS Shapable Abutment

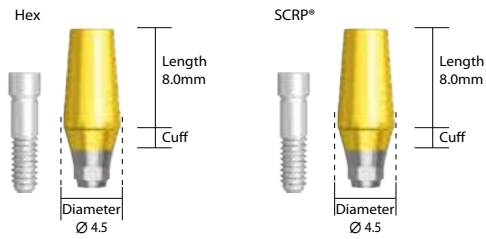
Customizable by grinding (need to remain at least 3mm of abutment length above fixture platform)

• Abutment Screw (ISCS20) included, Tightening Torque : 30 Ncm



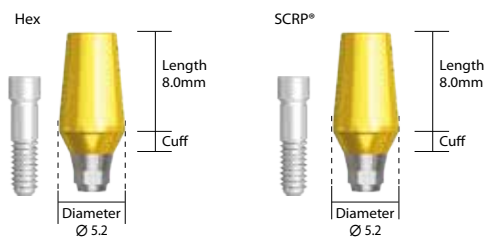
Narrow / Regular / Wide / S-wide

• Diameter $\varnothing 4.5$



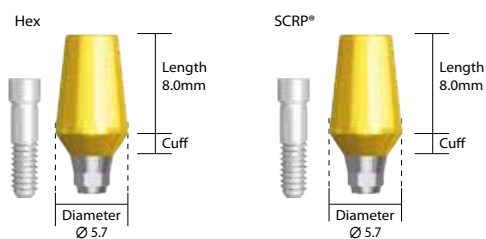
Cuff(mm)	2.0	4.0
Hex	ISSH428	ISSH448

• Diameter $\varnothing 5.2$



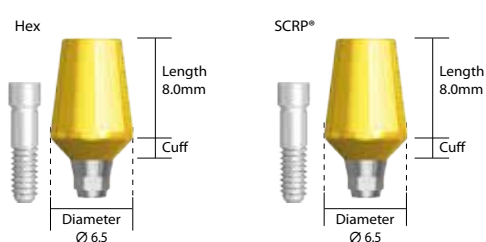
Cuff(mm)	2.0	4.0
Hex	ISSH528	ISSH548

• Diameter $\varnothing 5.7$



Cuff(mm)	2.0	4.0
Hex	ISSH628	ISSH648

• Diameter $\varnothing 6.5$

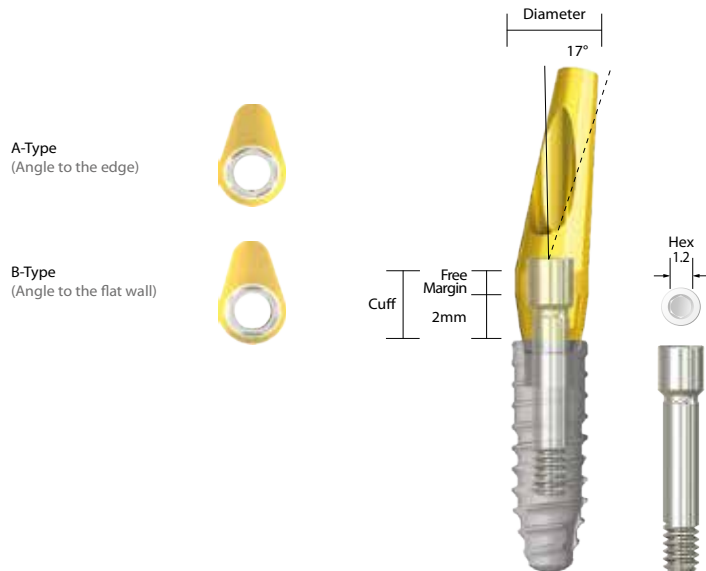


Cuff(mm)	2.0	4.0
Hex	ISSH728	ISSH748

IS Angled Abutment

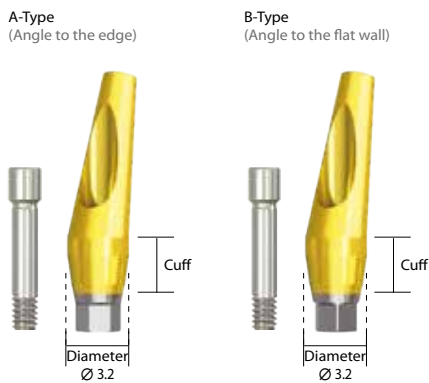
Customizable by grinding. Can be positioned in 12 directions by selecting A or B type

- Abutment Screw (ISCS16S) included, Tightening Torque : 30 Ncm



S-Narrow

- Diameter $\varnothing 3.2$

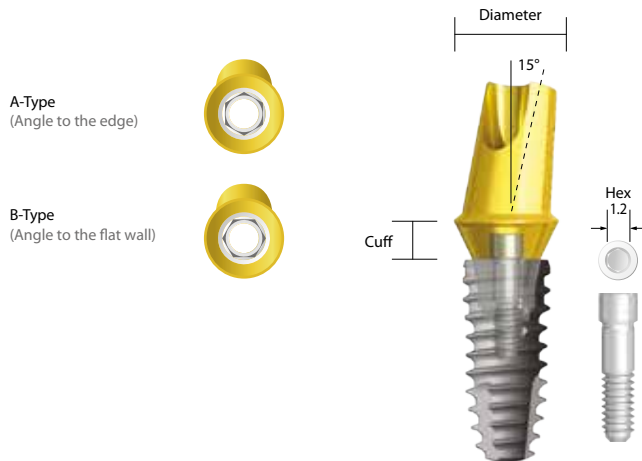


Type	A	B
Cuff(mm)	3.0	
Product name	ISAHA1739*	ISAHB1739*

IS Angled Abutment

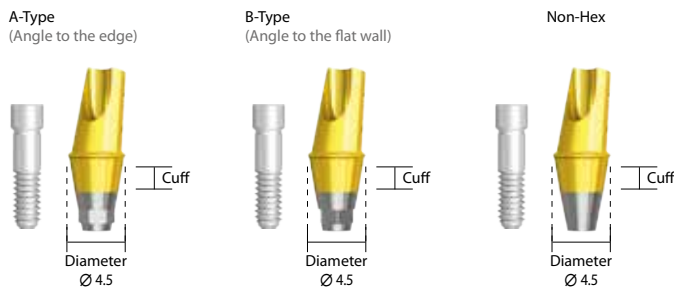
Customizable by grinding. Can be positioned in 12 directions by selecting A or B type



• Abutment Screw (ISCS20) included, Tightening Torque : 30 Ncm



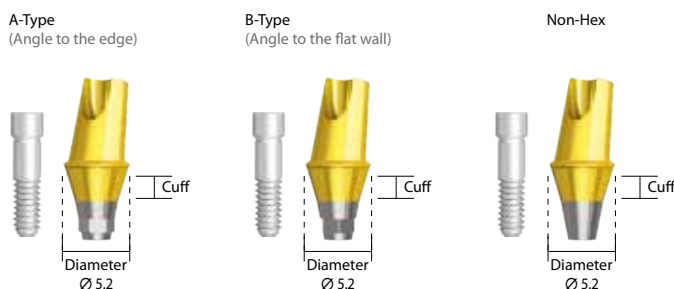
Narrow / Regular / Wide / S-wide




• Diameter $\varnothing 4.5$



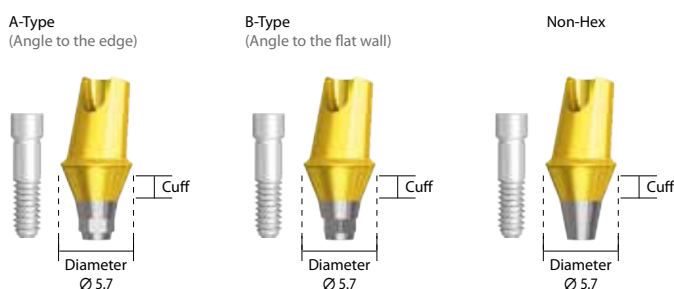
			
Cuff(mm)	2.0	3.0	4.0
A Type	ISAHA1427	ISAHA1437	ISAHA1447
B Type	ISAHB1427	ISAHB1437	ISAHB1447
Non-Hex	ISANA1427	ISANA1437	ISANA1447




• Diameter $\varnothing 5.2$



			
Cuff(mm)	2.0	3.0	4.0
A Type	ISAHA1527	ISAHA1537	ISAHA1547
B Type	ISAHB1527	ISAHB1537	ISAHB1547
Non-Hex	ISANA1527	ISANA1537	ISANA1547

• Diameter $\varnothing 5.7$

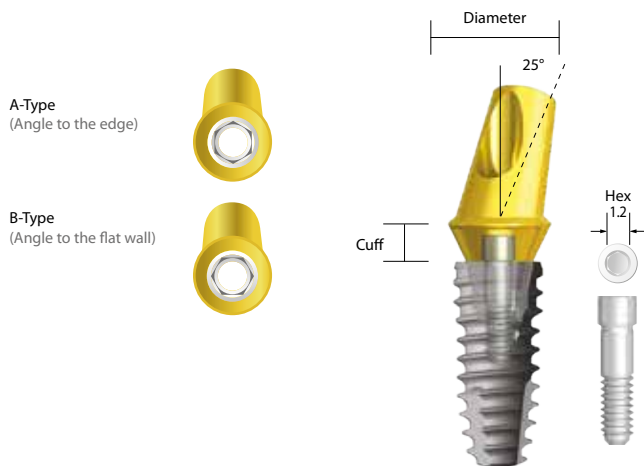


			
Cuff(mm)	2.0	3.0	4.0
A Type	ISAHA1627	ISAHA1637	ISAHA1647
B Type	ISAHB1627	ISAHB1637	ISAHB1647
Non-Hex	ISANA1627	ISANA1637	ISANA1647

IS Angled Abutment

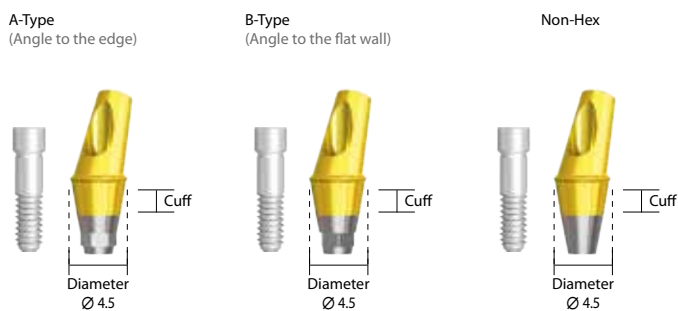
Customizable by grinding. Can be positioned in 12 directions by selecting A or B type

• Abutment Screw (ISCS20) included, Tightening Torque : 30 Ncm



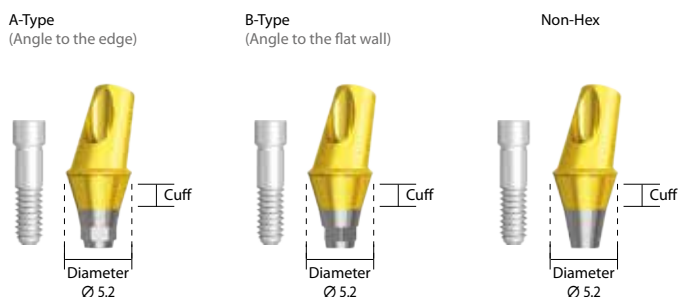
Narrow / Regular / Wide / S-wide

• Diameter \varnothing 4.5



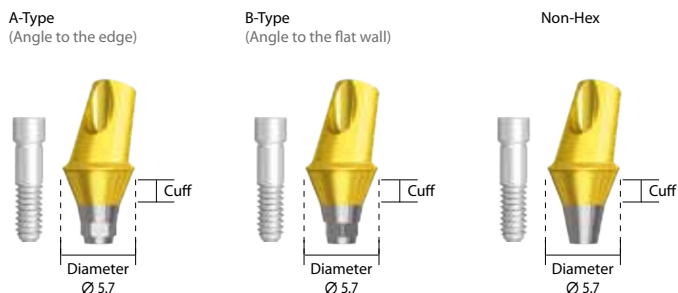
Cuff(mm)	2.0	3.0	4.0
A Type	ISAHA2427	ISAHA2437	ISAHA2447
B Type	ISAHB2427	ISAHB2437	ISAHB2447
Non-Hex	ISANA2427	ISANA2437	ISANA2447

• Diameter \varnothing 5.2



Cuff(mm)	2.0	3.0	4.0
A Type	ISAHA2527	ISAHA2537	ISAHA2547
B Type	ISAHB2527	ISAHB2537	ISAHB2547
Non-Hex	ISANA2527	ISANA2537	ISANA2547

• Diameter \varnothing 5.7



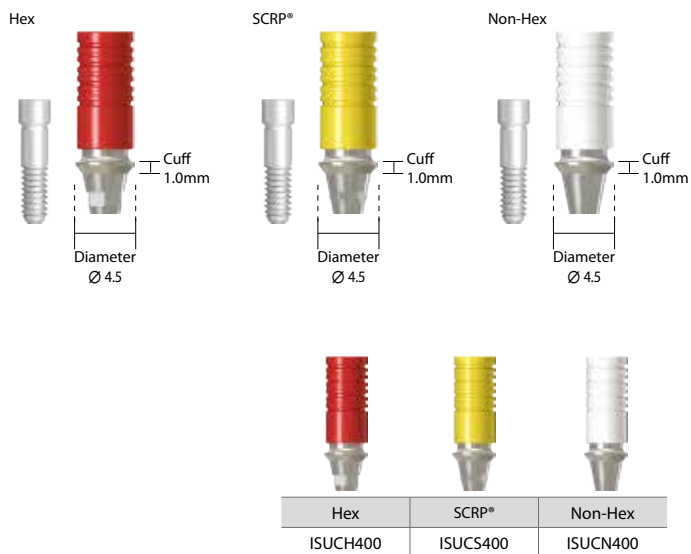
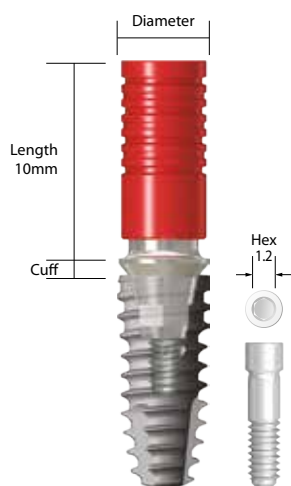
Cuff(mm)	2.0	3.0	4.0
A Type	ISAHA2627	ISAHA2637	ISAHA2647
B Type	ISAHB2627	ISAHB2637	ISAHB2647
Non-Hex	ISANA2627	ISANA2637	ISANA2647

IS CCM UCLA Abutment

Customizable by casting. Cementable or Screw-retained abutment for single tooth and bridges.

- Abutment Screw (ISCS20) included, Tightening Torque : 30 Ncm
- Metal Casting

Narrow / Regular / Wide / S-wide



DIGITAL SOLUTIONS

Abutment Scan Body

Gli ScanBody permettono il preciso trasferimento della posizione degli impianti mediante scansione intraorale nello studio dentistico.

Grazie allo speciale design, sono in grado di trasferire posizioni 3D in modo estremamente preciso.

- Vite PSBSM20 compresa



1. ScanBody inserito sull'impianto



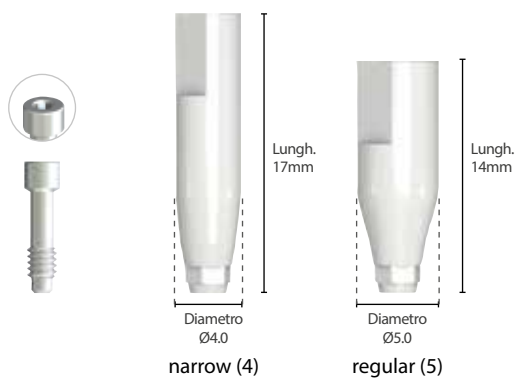
2. Ricezione dei dati digitali



3. Pianificazione dell'abutment



4. Abutment inserito sull'impianto



Scan Body Hex Type



Diametro	4.0	5.0
Codice	ISPSBH40NB	ISPSBH50NB

vite PSBSM20 inclusa

Multi Unit Abutment Scan Body



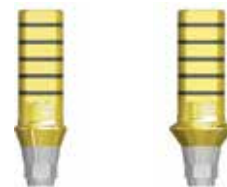
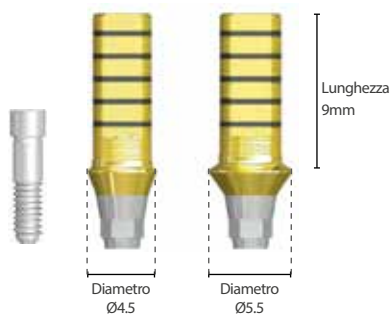
Diametro	4,8
Codice	MUASB48

vite MUASB 14 inclusa

Ti-Cylinder Abutment

Abutment in titanio per monconi customizzati.

- Vite SCS20 compresa



Type	Diametro	4.5	5.5
Hex	Codice	ISTCAH4509	ISTCAH5509
Non-Hex	Codice	ISTCAN4509	ISTCAN5509



Titanium Link Abutment



Type	Ø	4.0	4.5
Hex	Codice	ISLKH4035NB	ISLKH4535NB

Analoghi Digitali



Narrow



Regular/Wide

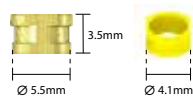


Diametro	Narrow	Regular/Wide
Codice	SGISLA400	SGISLA500

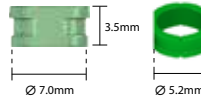
* SGISLA400 per impianti Narrow Ø3.5 e tutti gli impianti lung. 7.3
SGISLA500 per impianti Regular e Wide

Surgical Guide Sleeve

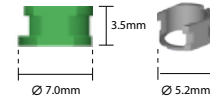
Narrow



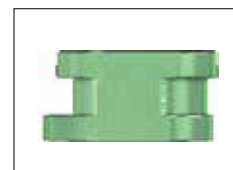
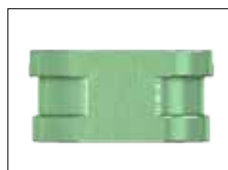
Regular/Wide



C-Sleeve Regular/Wide

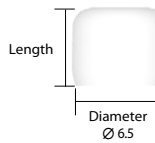
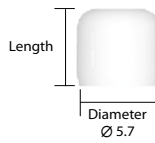
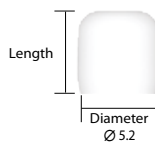
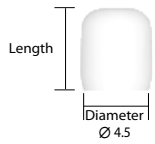


Diametro	5,5	7	7
Distanza antirotazionale	4,1	5,2	5,2
Altezza	3,5	3,5	3,5
Codice	SGS55N	SGS70RW	CSGS70RW






Components for Abutment Level

Protective Cap






Narrow / Regular / Wide / S-wide




• Diameter \varnothing 4.5

			
Length(mm)	4.5	5.5	7.0
Product name	ISPTC445	ISPTC455	ISPTC470



• Diameter \varnothing 5.2

			
Length(mm)	4.5	5.5	7.0
Product name	ISPTC545	ISPTC555	ISPTC570

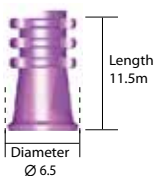
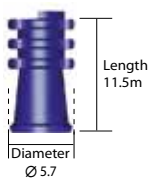
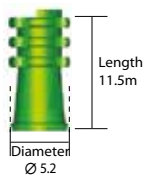
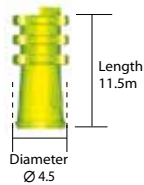
• Diameter \varnothing 5.7

			
Length(mm)	4.5	5.5	7.0
Product name	ISPTC645	ISPTC655	ISPTC670

• Diameter \varnothing 6.5

		
Length(mm)	4.5	5.5
Product name	ISPTC745	ISPTC755

Impression Cap




Narrow / Regular / Wide / S-wide


• Diameter \varnothing 4.5

	
Product name	ISPIC411


• Diameter \varnothing 5.2

	
Product name	ISPIC511

• Diameter \varnothing 5.7

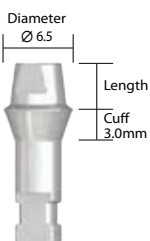
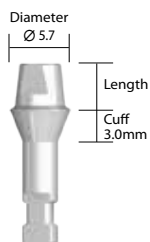
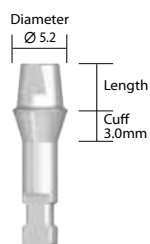
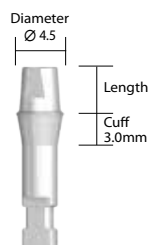
	
Product name	ISPIC611

• Diameter \varnothing 6.5

	
Product name	ISPIC711

Components for Abutment Level

Lab Analog



Narrow / Regular / Wide / S-wide

• Diameter Ø 4.5



Length(mm)	4.0	5.5	7.0
Product name	ISLA440	ISLA455	ISLA470

• Diameter Ø 5.2



Length(mm)	4.0	5.5	7.0
Product name	ISLA540	ISLA555	ISLA570

• Diameter Ø 5.7



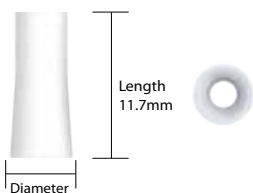
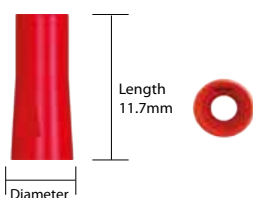
Length(mm)	4.0	5.5	7.0
Product name	ISLA640	ISLA655	ISLA670

• Diameter Ø 6.5



Length(mm)	4.0	5.5
Product name	ISLA740	ISLA755

Plastic Coping



Narrow / Regular / Wide / S-wide

Hex



Diameter(ø)	4.5	5.2	5.7	6.5
Product name	ISPC410	ISPC510	ISPC610	ISPC710

Non-Hex



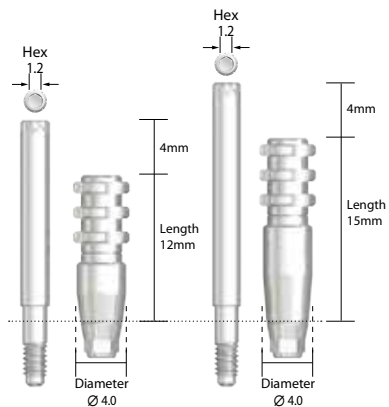
Diameter(ø)	4.5	5.2	5.7	6.5
Product name	ISPCN410	ISPCN510	ISPCN610	ISPCN710

Components for Fixture Level

Pick-up Impression Coping

Narrow / Regular / Wide / S-wide

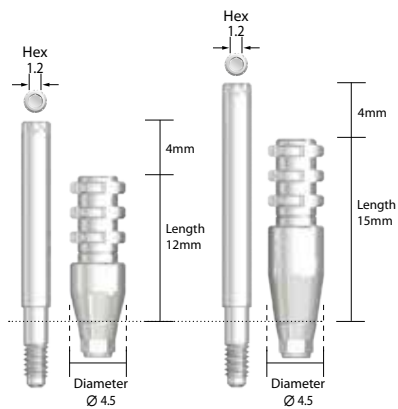
• Diameter $\varnothing 4.0$



Type	Hex	SCR ^P *	Non-Hex
Short	ISIPH400	ISIPS400	ISIPN400
Long	ISIPHL400	ISIPSL400	ISIPNL400

* Impression coping Screw included (Short - ISPIS20, Long - ISPISL20)

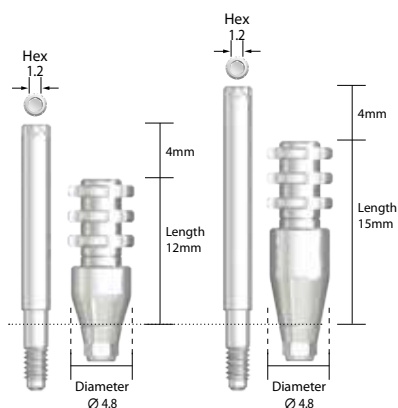
• Diameter $\varnothing 4.5$



Type	Hex	SCR ^P *	Non-Hex
Short	ISIPH450	ISIPS450	ISIPN450
Long	ISIPHL450	ISIPSL450	ISIPNL450

* Impression coping Screw included (Short - ISPIS20, Long - ISPISL20)

• Diameter $\varnothing 4.8$



Type	Hex	SCR ^P *	Non-Hex
Short	ISIPH411	ISIPS411	ISIPN411
Long	ISIPHL411	ISIPSL411	ISIPNL411

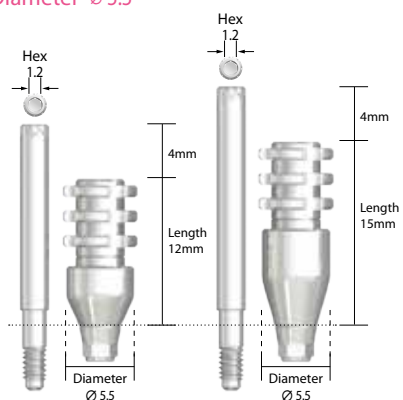
* Impression coping Screw included (Short - ISPIS20, Long - ISPISL20)

Components for Fixture Level

Pick-up Impression Coping

Narrow / Regular / Wide / S-wide

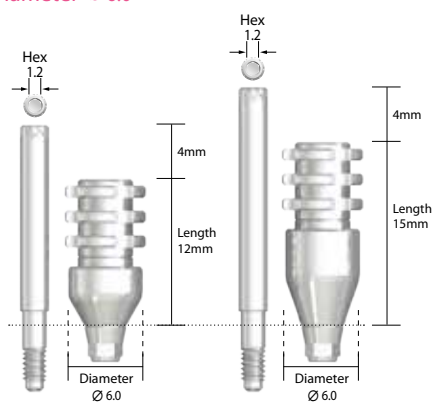
• Diameter \varnothing 5.5



Type	Hex	SCR ^P *	Non-Hex
Short	ISIPH511	ISIPS511	ISIPN511
Long	ISIPHL511	ISIPSL511	ISIPNL511

* Impression coping Screw included
(Short - ISPIS20, Long - ISPISL20)

• Diameter \varnothing 6.0



Type	Hex	SCR ^P *	Non-Hex
Medium	ISIPH611	ISIPS611	ISIPN611
Long	ISIPHL611	ISIPSL611	ISIPNL611

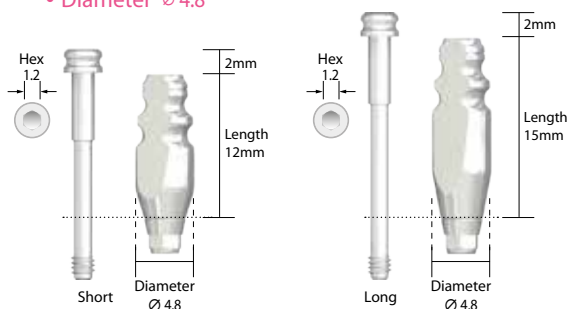
* Impression coping Screw included
(Short - ISPIS20, Long - ISPISL20)

Components for Fixture Level

Transfer Impression Coping

Narrow / Regular / Wide / S-wide

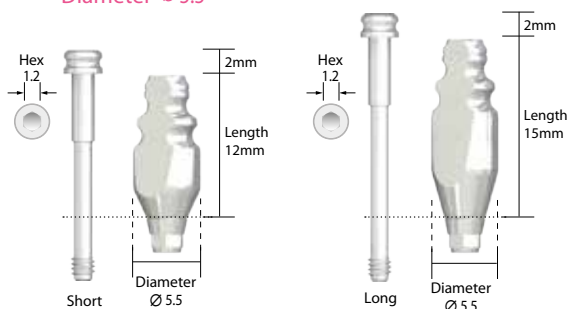
• Diameter $\varnothing 4.8$



Type	Hex	Non-Hex
Short	ISITH411	ISITN411
Long	ISITHL411	ISITNL411

* Impression coping Screw included
(Short - ISTIS20H, Long - ISTISL20H)

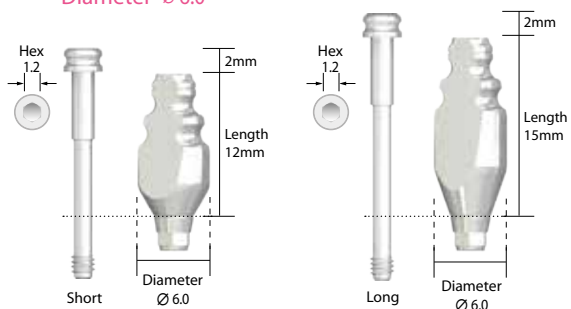
• Diameter $\varnothing 5.5$



Type	Hex	Non-Hex
Short	ISITH511	ISITN511
Long	ISITHL511	ISITNL511

* Impression coping Screw included
(Short - ISTIS20H, Long - ISTISL20H)

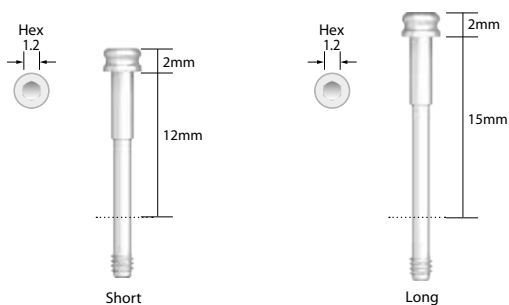
• Diameter $\varnothing 6.0$



Type	Hex	Non-Hex
Short	ISITH611	ISITN611
Long	ISITHL611	ISITNL611

* Impression coping Screw included
(Short - ISTIS20H, Long - ISTISL20)

• Impression Coping Hex Screw



Short	ISTIS20H
Long	ISTISL20H

Components for Fixture Level

Transfer Impression Coping Positioner

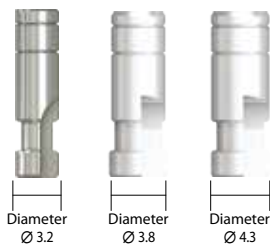


* Connected to transfer impression coping



Product name	FDHSET01
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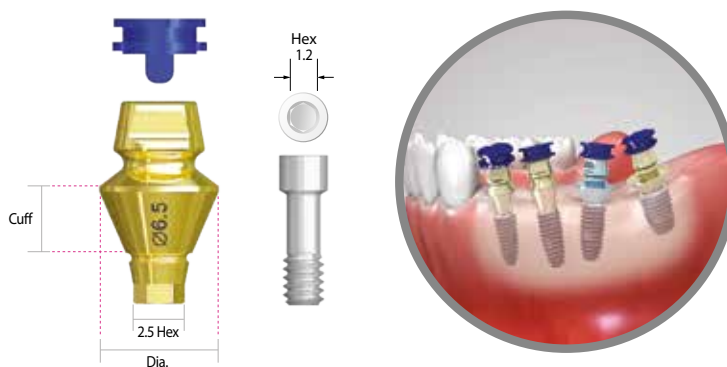
Lab Analog



Diameter	3.2	3.8	4.3
Product name	ISLA300	ISLA400	ISLA500
Type	S-Narrow(Ø3.2)	Narrow(Ø3.5)	Regular,Wide

IS PickCap Impression Coping

Coping body & Screw & impression cap included.



• Neo PickCap Impression Coping



Diameter	Ø 3.5	
Cuff(mm)	5.0	7.0
Product name	ISSNPCI3505C*	ISSNPCI3507C*

* This component is only for S-narrow Fixture



Diameter	Ø 3.5			
Cuff(mm)	3.0	5.0	8.0	10.0
Product name	ISPCIB3503C	ISPCIB3505C	ISPCIB3508C	ISPCIB3510C



Diameter	Ø 4.0			
Cuff(mm)	3.0	5.0	8.0	10.0
Product name	ISPCIB4003C	ISPCIB4005C	ISPCIB4008C	ISPCIB4010C



Diameter	Ø 4.5			
Cuff(mm)	3.0	5.0	8.0	10.0
Product name	ISPCIB403C	ISPCIB405C	ISPCIB408C	ISPCIB410C



Diameter	Ø 5.2				
Cuff(mm)	2.0	3.0	4.0	5.0	6.0
Product name	ISPCIB502C	ISPCIB503C	ISPCIB504C	ISPCIB505C	ISPCIB506C




Diameter	Ø 5.7				
Cuff(mm)	2.0	3.0	4.0	5.0	6.0
Product name	ISPCIB602C	ISPCIB603C	ISPCIB604C	ISPCIB605C	ISPCIB606C




Diameter	Ø 6.5				
Cuff(mm)	2.0	3.0	4.0	5.0	6.0
Product name	ISPCIB702C	ISPCIB703C	ISPCIB704C	ISPCIB705C	ISPCIB706C

Neo PickCap Impression Kit

- Neo PickCap Impression Cap

Small Cap 

Large Cap 

Cap size	Product name	Set (10ea)	Note
Small	PCISC01	PCISC0110S	Coping Ø3.5~Ø4.5
Large	PCILC01	PCILC0110S	Coping Ø5.2~Ø6.5

- Neo PickCap Impression Coping Screw



Product name	ISPCIS18	ISPCIS20
Type	S-Narrow(Ø3.2)	Narrow, Regular, Wide

- Pincette



Product name	PCIPC
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- Neo PickCap Impression Mini Kit Tray



Product name	PCIKITTB
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- Neo PickCap Impression Mini Kit Cover

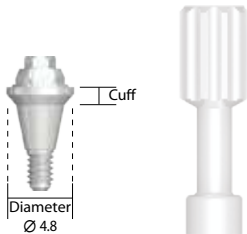


Product name	KTC
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IS Multi Unit Abutment

Screw-retained abutment for multiple or bridges

• Abutment Tightening Torque : 30 Ncm, Cylinder screw 15 Ncm



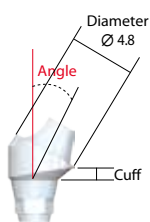
Cuff(mm)	1.0	2.0	3.0	4.0
Product name	ISMUA4810S	ISMUA4820S	ISMUA4830S	ISMUA4840S

* Holder(MUAH48) Included

IS Multi Unit Angled Abutment

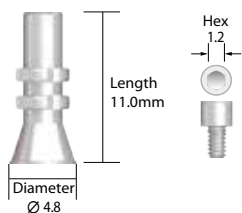
Screw-retained abutment for multiple or bridges

• Abutment Tightening Torque : 30 Ncm, Cylinder screw 15 Ncm



Cuff(mm)		1.0	2.0	3.0	4.0
Hex	17°	ISAHMUA1410S	ISAHMUA1420S	ISAHMUA1430S	ISAHMUA1440S
	30°	ISAHMUA3410S	ISAHMUA3420S	ISAHMUA3430S	ISAHMUA3440S
Non-Hex	17°	ISANMUA1410S	ISANMUA1420S	ISANMUA1430S	ISANMUA1440S
	30°	ISANMUA3410S	ISANMUA3420S	ISANMUA3430S	ISANMUA3440S

* Holder Included

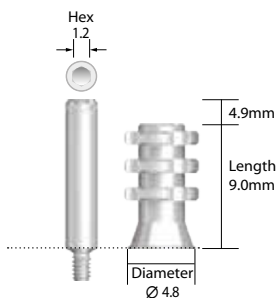


Temporary Cylinder,
Non-Hex



Length(mm)	11.0
Product name	MUATPCN48

* Cylinder Screw(MUAS 14) Included

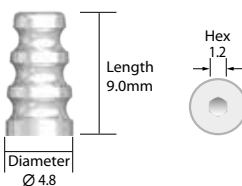


Pick-up Impression
Coping



Length(mm)	9.0
Product name	MUAIP48

* Coping Screw(MUAIPS48) Included



Transfer Impression
Coping



Length(mm)	9.0
Product name	MUAIT48



Lab Analog



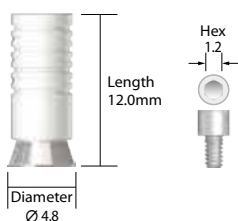
Product name	MUALA48
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Multi Unit
Abutment Driver



Product name	MUAD48S
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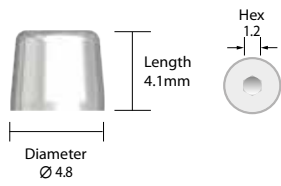


CCM Cylinder,
Non-Hex



Length(mm)	12.0
Product name	MUACCN48

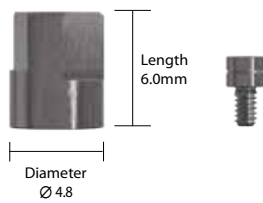
* Cylinder Screw(MUAS 14) Included
* available separately



Healing Cap



Length(mm)	4.1
Product name	MUAHC48

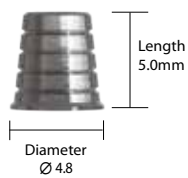


Multi Unit Abutment Scan Body



Product name	MUASB48
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* Scan body screw(MUASBS14) included



2022 New!

Multi Unit Abutment Cylinder



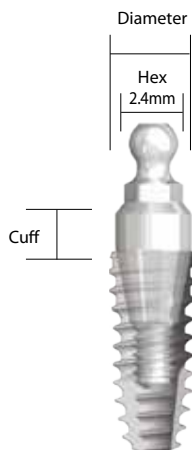
Product name	MUAC48
--------------	--------

* Cylinder screw(MUAS14) included

IS Ball Abutment

Implant over-denture ball attachment system

- Compensation degree : Max 20° between implants
- Abutment Tightening Torque : 30 Ncm

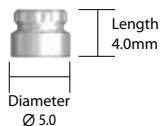


Ball Abutment



Cuff(mm)	1.0	2.0	3.0	4.0
Product name	ISABA100	ISABA200	ISABA300	ISABA400

* Ball Abutment Driver(BADH24) Required

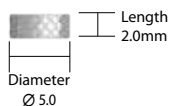


Housing



Product name	BAH40
--------------	-------

* O-ring(BAORING) 5ea and O-ring(BAOIMP) 1ea Included



Retainer



Product name	BAR20
--------------	-------

* In case of occlusion interval is lower, use retainer instead of housing

* O-ring(BAORING) 5ea and O-ring(BAOIMP) 1ea Included

IS Ball Abutment



O-Ring (Clinical)



Product name	BAORING
--------------	---------

* 3ea Included



O-Ring (Lab)



Product name	BAOIMP
--------------	--------

* 3ea Included

* Prevents the resin flowing into the under of Housing or Retainer

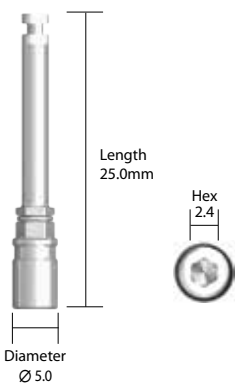
1. while making a final resin denture at laboratory.
2. while inserting Housing or Retainer within denture directly at the office.



Ball Lab Analog



Product name	BALA350
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Ball Abutment Driver



Product name	BADH24
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NeoBiotech **SURGICAL KIT**

Neo Master Kit / Neo Surgical Kit / IS Full Kit / S-Wide Kit / S-Narrow Kit /
Neo NaviGuide Kit / Neo NaviGuide Narrow Kit / Ridge Wid er Kit / Neo Prosthetic Kit /
Neo Prosthetic Planning Kit / Neo PickCap Impression Kit /



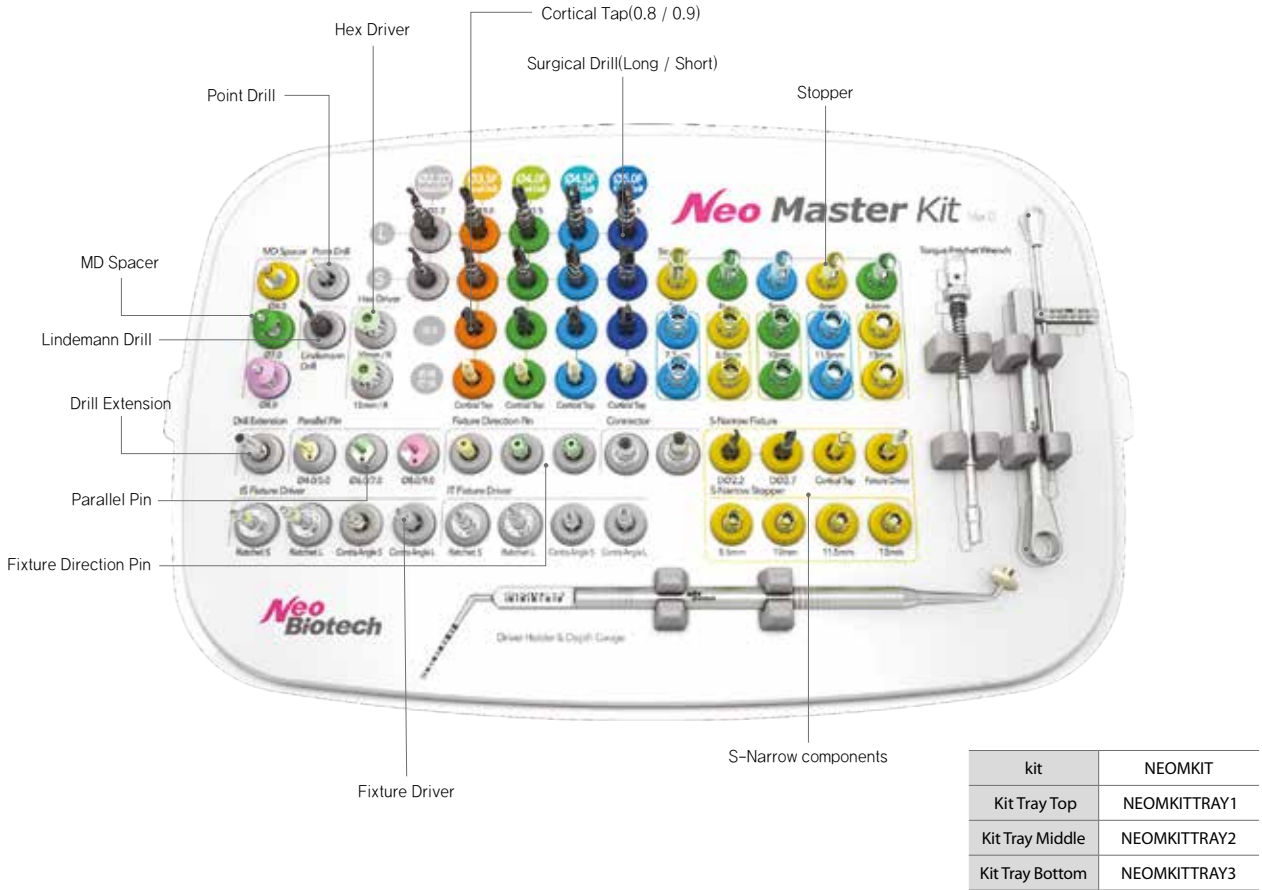
Contents

Surgical Kit	Neo Master Kit	56
	Neo Surgical Kit	62
	IS Full Kit	68
	S-Wide Kit	74
	S-Narrow Kit	76
	Neo NaviGuide Kit	78
	Neo NaviGuide Narrow Kit	88
	Ridge Wider Kit	94
	Neo Prosthetic Kit	96
	Neo Prosthetic Planning Kit	100



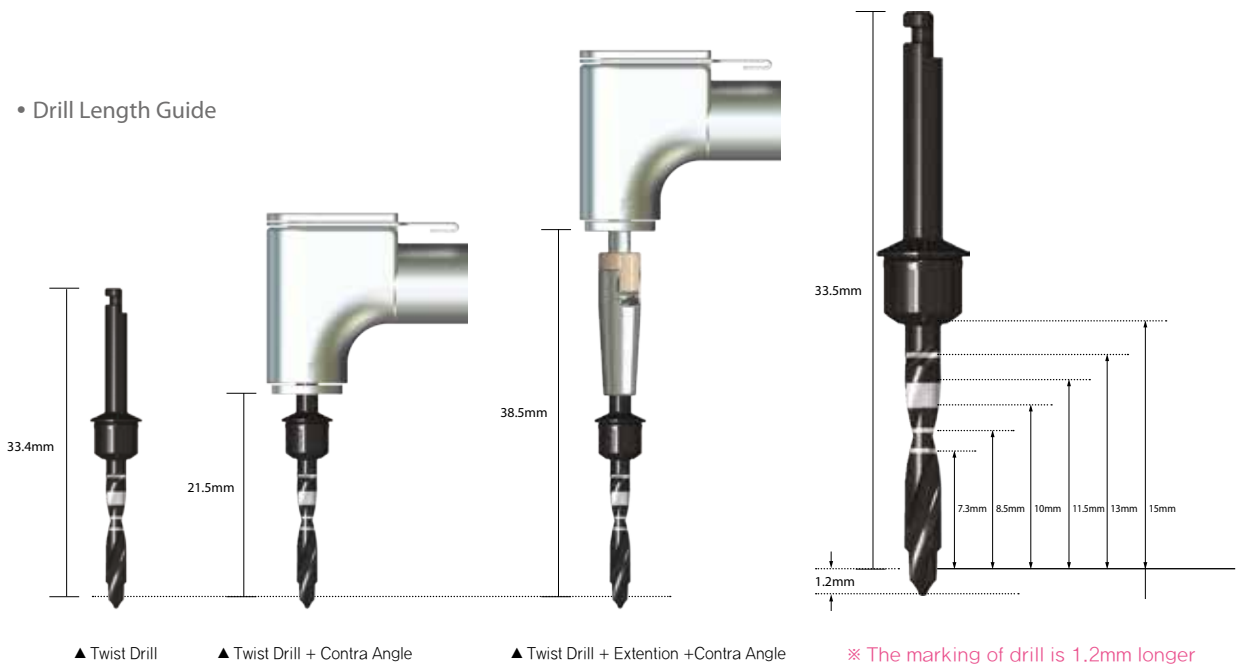
Neo Master Kit

This kit can be used to perform implant surgery for IS-III active, IS-II active, IT-III active, EB-II active.



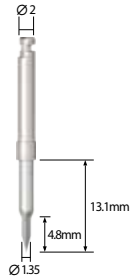
kit	NEOMKIT
Kit Tray Top	NEOMKITTRAY1
Kit Tray Middle	NEOMKITTRAY2
Kit Tray Bottom	NEOMKITTRAY3

• Drill Length Guide



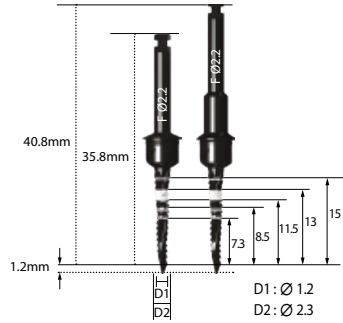
Neo Master Kit Components

• Point Drill



Diameter	Product name
Ø1.35	PD13

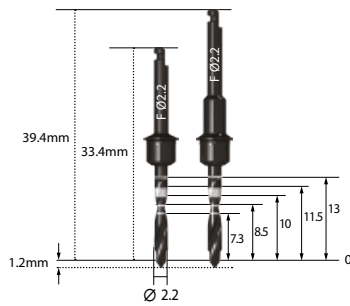
• Lindemann Drill



Diameter	Product name
Ø2.3	LDS23CS*
Ø2.3	LDS23CL*

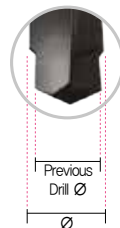
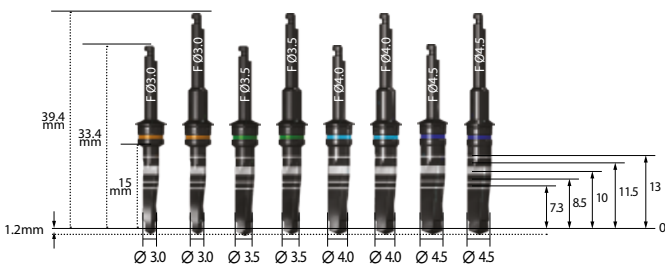
* Optional

• Initial Drill



Diameter	Type	Product name
Ø2.2	Short	TSD22CS
Ø2.2	Long	TSD22CL

• Twist Drill



Diameter	Type	Product name
Ø3.0	Short	TSD30CS
Ø3.0	Long	TSD30CL
Ø3.5	Short	TSD35CS
Ø3.5	Long	TSD35CL
Ø4.0	Short	TSD40CS
Ø4.0	Long	TSD40CL
Ø4.5	Short	TSD45CS
Ø4.5	Long	TSD45CL

• Stopper

Stopper	3.0	4.0	5.0	6.0	6.6	7.3	8.5	10.0	11.5	13
Drilling Length(mm)	4.2*	5.2*	6.2*	7.2*	7.8	8.5	9.7	11.2	12.7	14.2
Product name	DS030C	DS040C	DS050C	DS060C	DS066C	DS070C	DS085C	DS100C	DS115C	DS130C



*Only Stopper included. Please order Stopper holder(DSHC) separately.

* Not included. Separately Purchasable

Neo Master Kit Components

• Cortical Tap (IS-II active)

Diameter	Product name
Ø3.5	CT38S08*
Ø4.0	CT43S08*
Ø4.5	CT45S08*
Ø5.0	CT50S08*

* Optional

• Cortical Tap (IS-III / IT-III active)

Diameter	Product name
Ø3.5	CT38S09*
Ø4.0	CT43S09*
Ø4.5	CT45S09*
Ø5.0	CT50S09*

* Optional

• Cortical Long Tap

Dia meter	Product name	
	IS-III, IT-III	IS-II, EB-II
Ø3.5	ISTD38L*	PTAP35FL*
Ø4.0	ISTD40L*	PTAP40FL*
Ø4.5	ISTD45L*	PTAP45FL*
Ø5.0	ISTD50L*	PTAP50FL*

* Not Included. Separately Purchasable.

• Connector

Length	Product name
Short	RC10
Long	RC15

• IS Fixture Driver

Type	Product name
Ratchet (Short)	ISFD10R*
Ratchet (Long)	ISFD15R*
Contra Angle (Short)	ISFD05C*
Contra Angle (Long)	ISFD05CL*

* Optional

• IT Fixture Driver

Type	Product name
Ratchet (Short)	ITFDO31RS*
Ratchet (Long)	ITFDO31RL*
Contra Angle (Short)	ITFDO31S*
Contra Angle (Long)	ITFDO31L*

* Optional

• MD Spacer

Diameter	Product name
Ø4.0	MDS4025
Ø7.0	MDS7030
Ø8.0	MDS8030

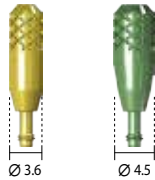
* Only stopper included. Please order MD Spacer holder(MDSH) separately.

• MD Parallel Pin

Diameter	Product name
Ø4.0 / Ø5.0	MDPP4050
Ø6.0 / Ø7.0	MDPP6070
Ø8.0 / Ø9.0	MDPP8090

Neo Master Kit Components

• Direction Pin



Diameter	Product name
Ø3.6	DP36
Ø4.5	DP45

• Cortical Drill



Diameter	Product name
Ø3.5	CD38*
Ø4.0	CD43*
Ø4.5	CD45*
Ø5.0	CD50*

* Optional

• EB Fixture Driver



Type	Hex	Product name
Narrow	2.4	EBFDH24*
Regular/Wide(3i)	2.7	EBFDH27*
Wide(Brenemark)	3.4	EBFDH34*

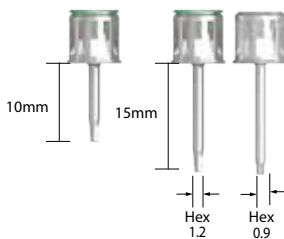
* Not Included.
Separately Purchasable.

• Drill Extension



Product name	DE01
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• Hex Driver



Length(mm)	Hex	Product name
10	1.2	HD1210S
15		HD1215S
10	0.9	HD0910*
15		HD0910S*

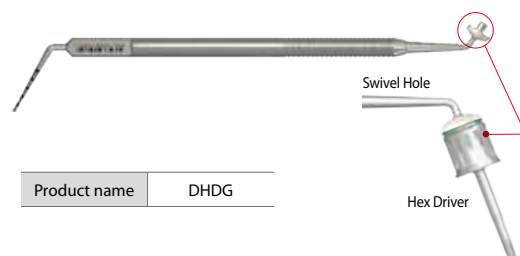
* Not Included.
Separately Purchasable.

• Torque Ratchet



Product name	TW60
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• Driver Holder & Depth Gauge



Product name	DHDG
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Neo Master Kit Components

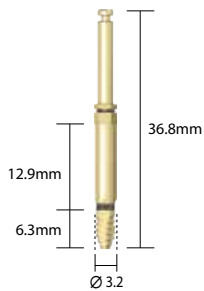
• S-Narrow Surgical Drill



Diameter	Product name
Ø2.2	TSDS22CL*
Ø2.7	TSD27CL*

* Not Included.
Separately Purchasable.

• S-Narrow Cortical Tap



Diameter	Product name
Ø3.2	CT32S09*

* Not Included.
Separately Purchasable.

• S-Narrow Drill Stopper



Length(mm)	8.5	10	11.5	13
Product name	DS085CS*	DS100CS*	DS115CS*	DS130CS*

* Please order Stopper holder(DSHCS) separately

* Not Included.
Separately Purchasable.

• S-Narrow Fixture Driver



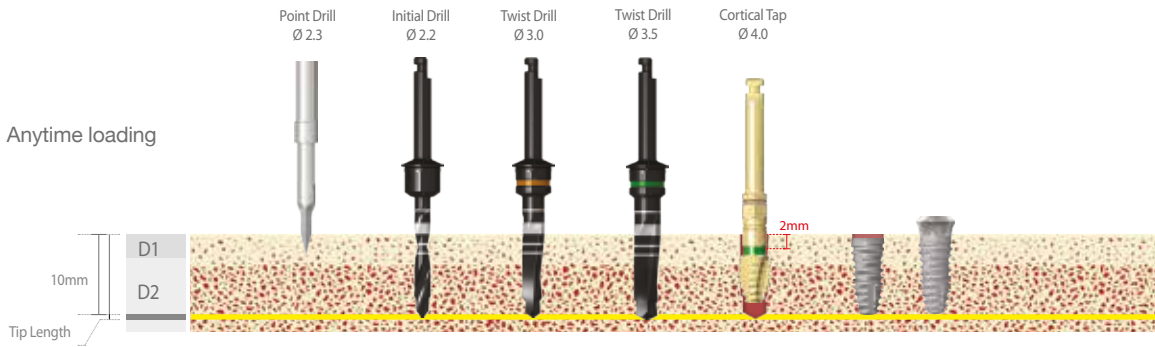
Type	Product name
Contra Angle	ISFDSNCL*

* Not Included.
Separately Purchasable.

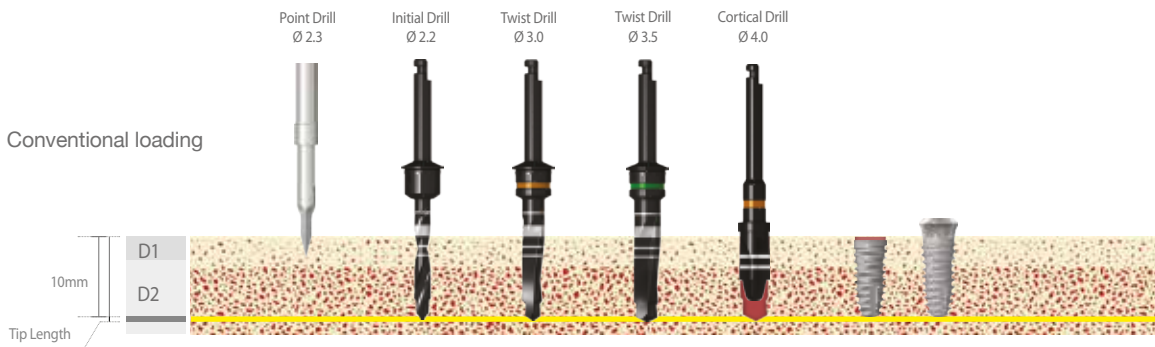
Neo Master Kit – Drilling Sequence

Drilling Speed & Torque

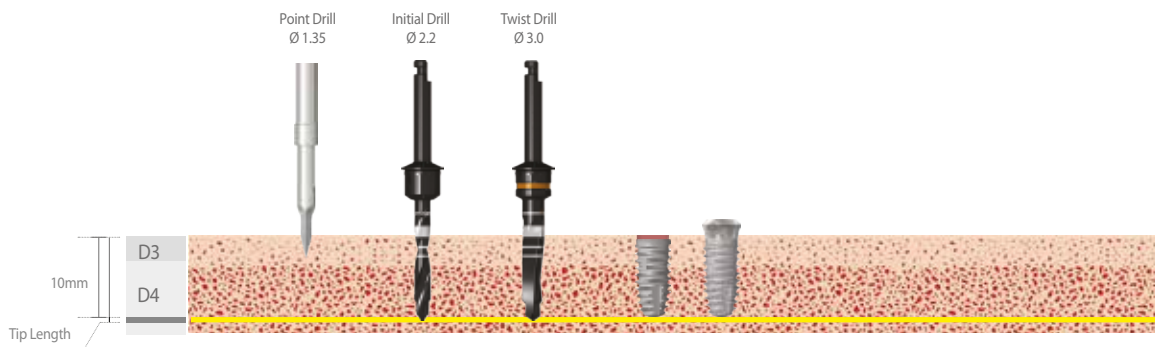
- Point Drill, Initial Drill, Twist Drill : 1,200rpm / 35~45Ncm
Cortical Tap : 50rpm / 50Ncm
- IS-III active(IT-III active) Fixture $\varnothing 4.0$ X 10mm (D1/D2 bone)



- IS-III active(IT-III active) Fixture $\varnothing 4.0$ X 10mm (D1/D2 bone)

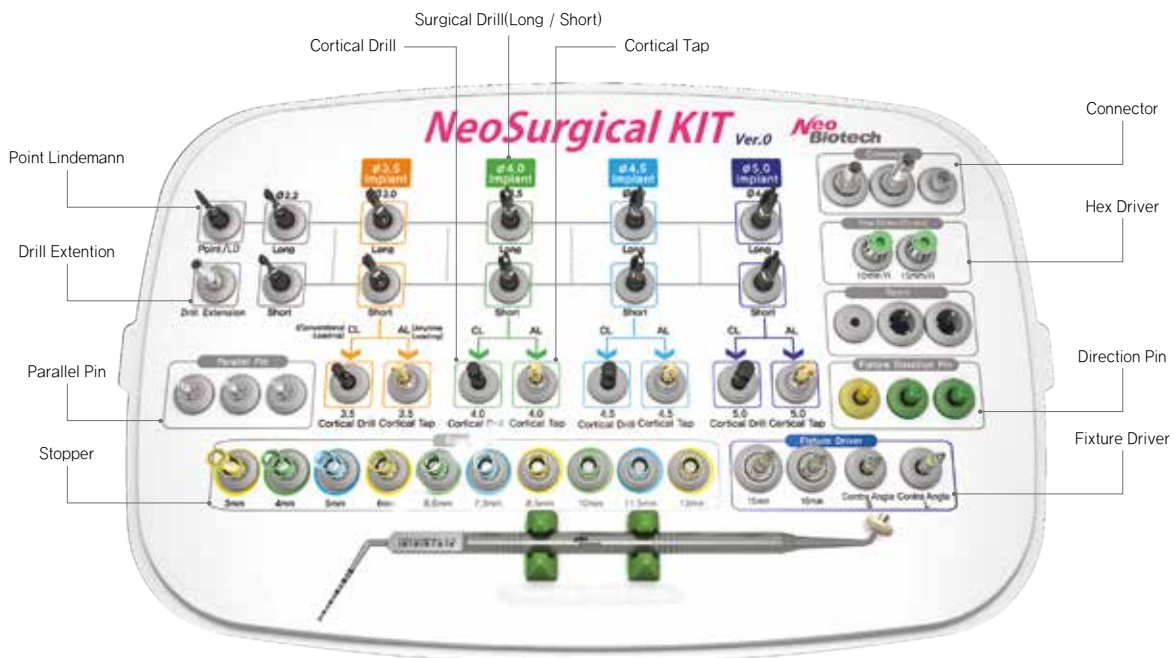


- IS-III active(IT-III active) Fixture $\varnothing 4.0$ X 10mm (D3/D4 bone)



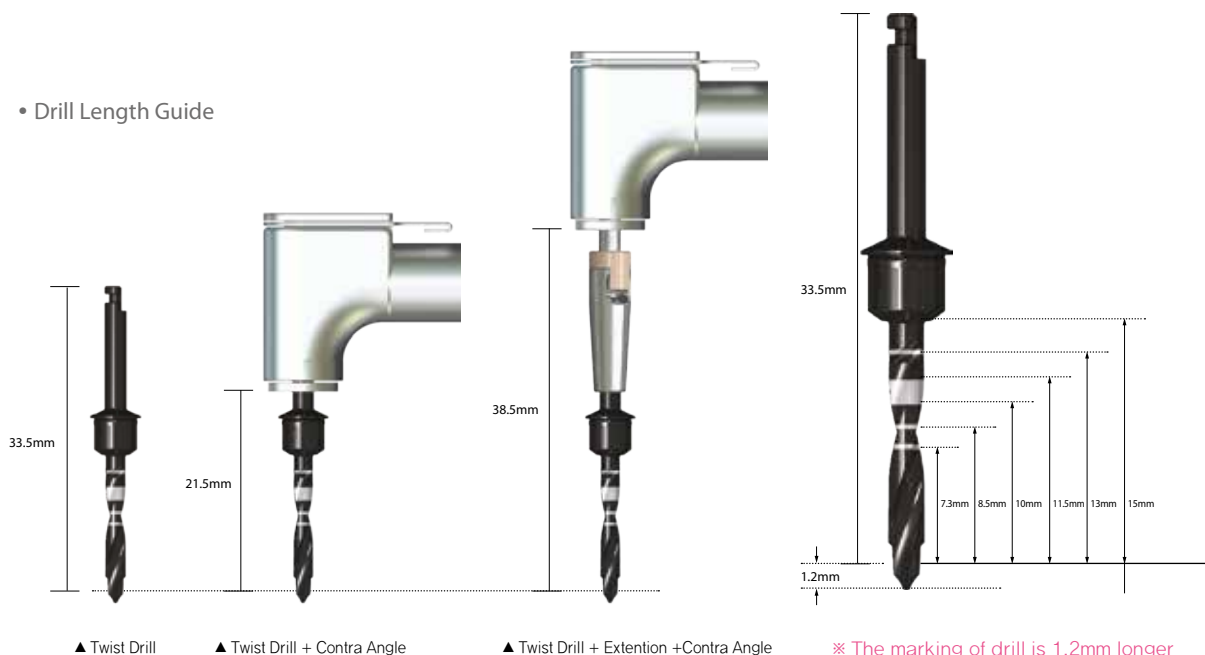
Neo Surgical Kit

This kit can be used to perform implant surgery for IS-III active (Ø3.5~Ø5.0)
 For S-Narrow(diameter Ø3.2)·S-Wide(diameter Ø5.5~Ø6.0) implant surgery, S-Narrow·S-Wide Kit additionally required



Product name	NEOSKIT
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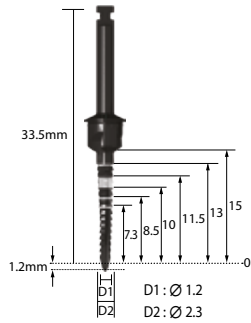
• Drill Length Guide



※ The marking of drill is 1.2mm longer than that of fixture length

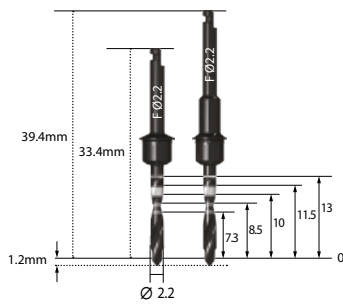
Neo Surgical Kit

• Point Lindemann Drill



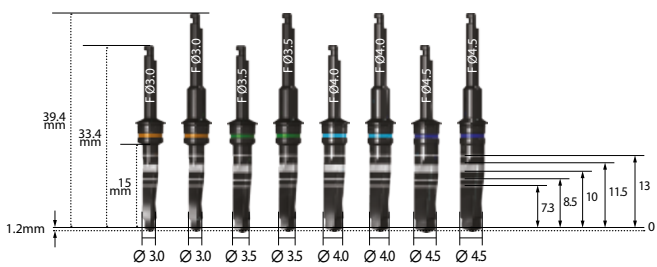
Diameter	Product name
Ø2.3	LDS23CS

• Initial Drill



Diameter	Type	Product name
Ø2.2	Short	TSD22CS
Ø2.2	Long	TSD22CL

• Twist Drill



Diameter	Type	Product name
Ø3.0	Short	TSD30CS
Ø3.0	Long	TSD30CL
Ø3.5	Short	TSD35CS
Ø3.5	Long	TSD35CL
Ø4.0	Short	TSD40CS
Ø4.0	Long	TSD40CL
Ø4.5	Short	TSD45CS
Ø4.5	Long	TSD45CL

• Stopper

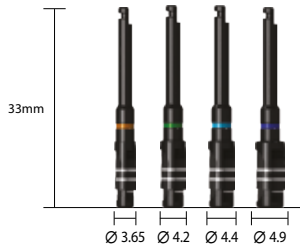
Stopper	3.0	4.0	5.0	6.0	6.6	7.3	8.5	10.0	11.5	13
Drilling Length(mm)	4.2	5.2	6.2	7.2	7.8	8.5	9.7	11.2	12.7	14.2
Product name	DS030C	DS040C	DS050C	DS060C	DS066C	DS070C	DS085C	DS100C	DS115C	DS130C



* Only stopper included. Please order Stopper holder(DSHC) separately.

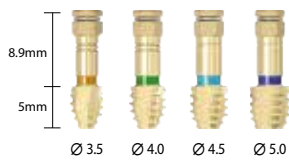
Neo Surgical Kit

• Cortical Drill



Diameter	Product name
Ø3.65	ISCD35F
Ø4.2	ISCD40F
Ø4.4	ISCD45F
Ø4.9	ISCD50F

• Cortical Tap (0.9 Pitch)



Diameter	Product name
Ø3.5	ISTD38S
Ø4.0	ISTD43S
Ø4.5	ISTD45S
Ø5.0	ISTD50S

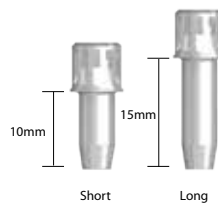
* Only stopper included.
Please order Stopper holder(SGPTSH) separately.

• IS Fixture Driver



Length	Product name
Ratchet (Short)	ISFD10R
Ratchet (Long)	ISFD15R
Contra Angle (Short)	ISFD05C
Contra Angle (Long)	ISFD05CL

• Connector



Ratchet

Length	Product name
Short	RC10
Long	RC15

Contra Angle

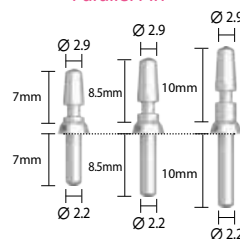
Product name	CAA00
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• Direction Pin



Diameter	Product name
Ø 3.5	DPIS35C
Ø 4.5	DPIS45C

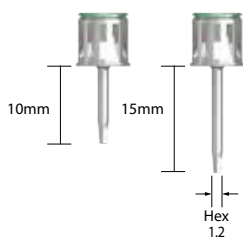
• Parallel Pin



Length	Product name
7.0 mm	PP07F
8.5 mm	PP08F
10.0 mm	PP10F

Neo Surgical Kit

• Hex Driver



Length	Product name
10mm	HD1210S
15mm	HD1215S

• Drill Extension



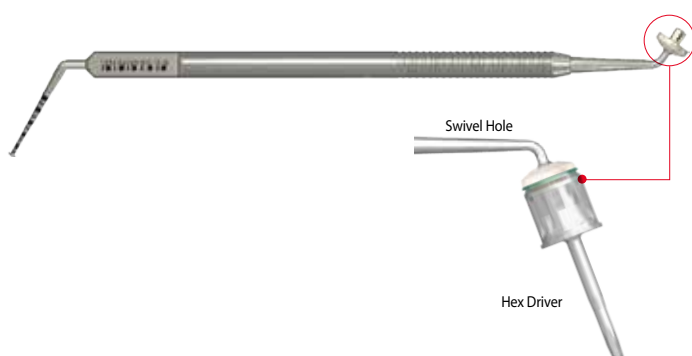
Product name	DE01
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• Torque Ratchet



Product name	TW60
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• Driver Holder & Depth Gauge



Product name	DHDG
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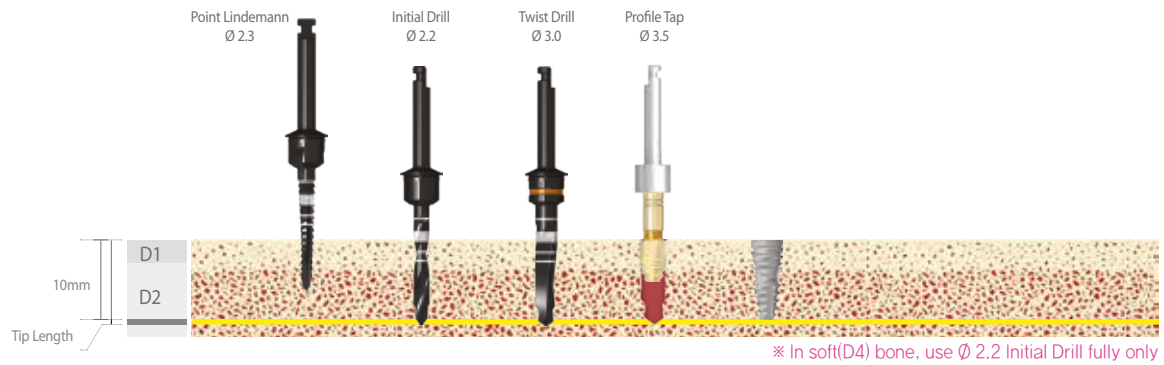
Surgical Kit

Neo Surgical Kit - IS-III active Drilling Sequence

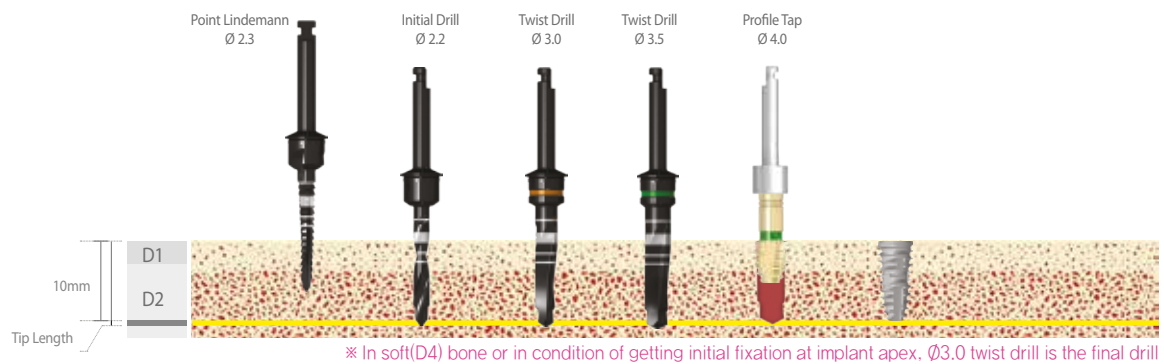
Drilling Speed & Torque

- Point Lindemann, Initial Drill, Twist Drill : 1,200rpm / 35~45Ncm
Cortical Tap / Profile Tap : 50rpm / 50Ncm
Cortical Drill : 1,200rpm / 35~45Ncm (Conventional Loading case)

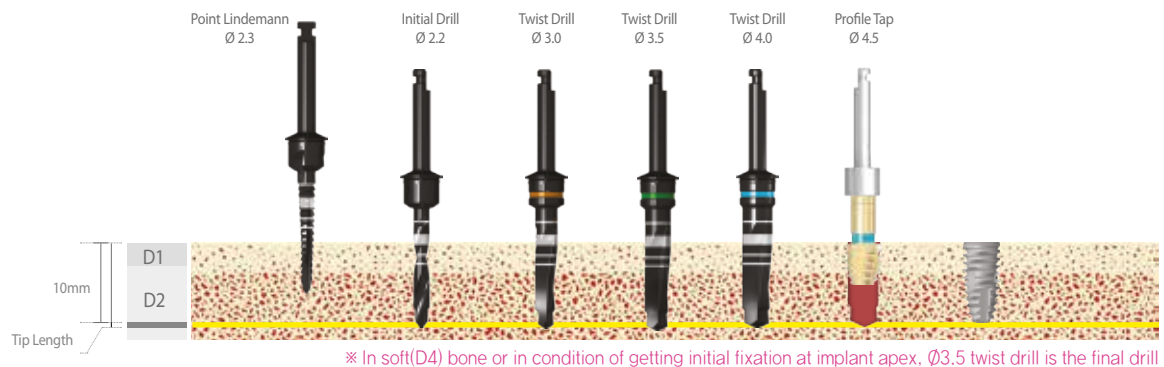
- IS-III active Fixture $\varnothing 3.5$ X 10mm (D1/D2 bone)



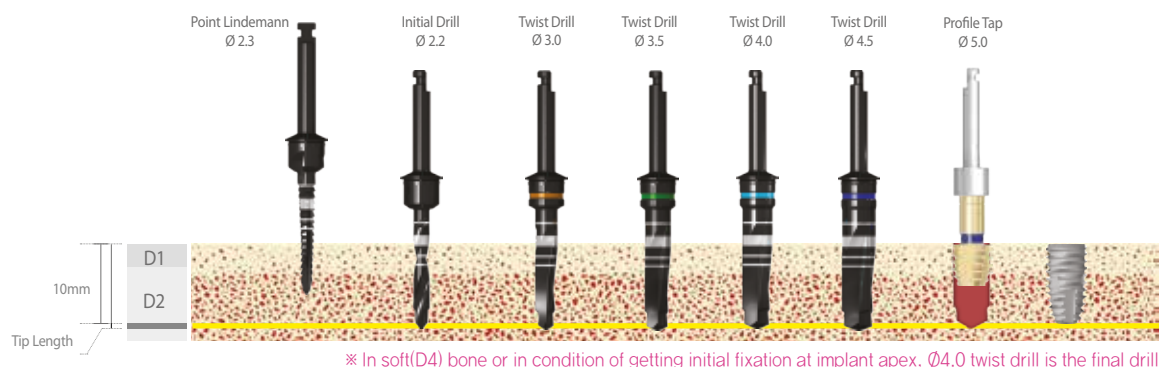
- IS-III active Fixture $\varnothing 4.0$ X 10mm (D1/D2 bone)



- IS-III active Fixture $\varnothing 4.5$ X 10mm (D1/D2 bone)



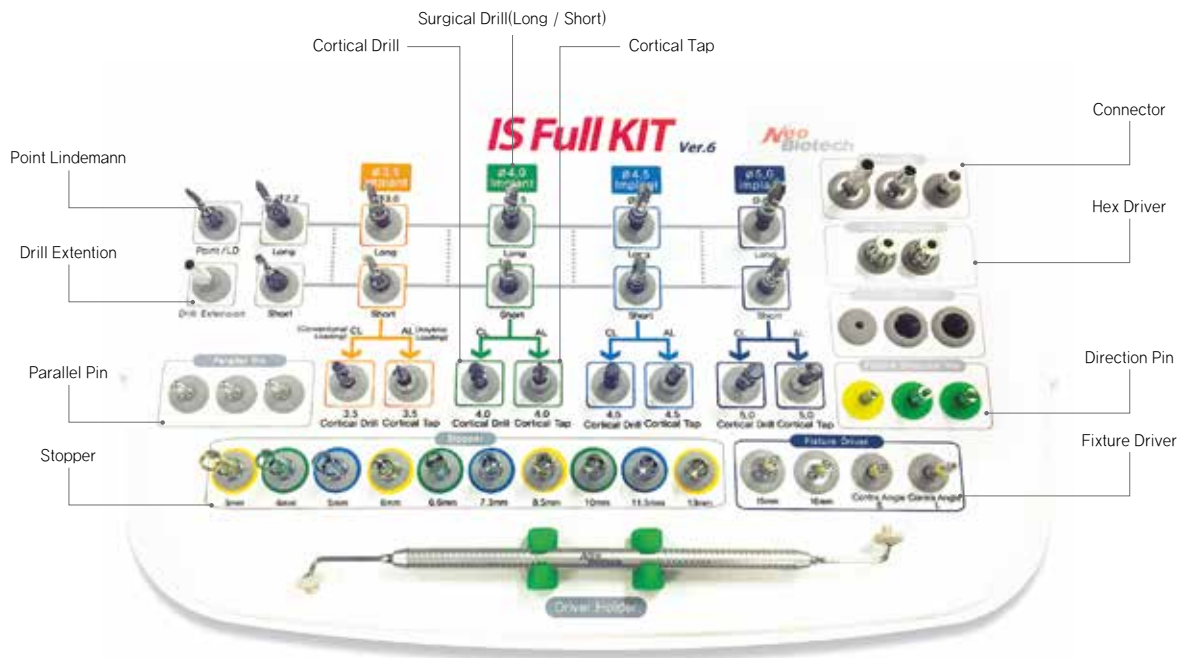
- IS-III active Fixture $\varnothing 5.0$ X 10mm (D1/D2 bone)





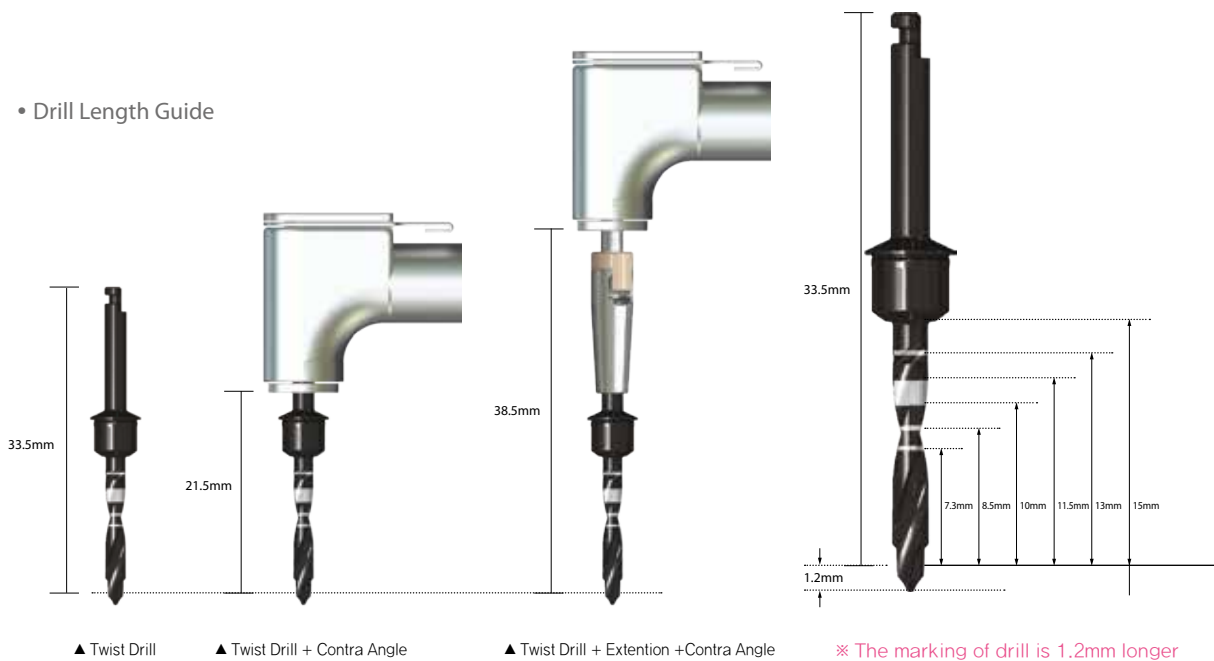
IS Full Kit

This kit can be used to perform implant surgery for IS-II active (Ø3.5~Ø5.0)
 For S-Wide(diameter Ø5.5~Ø6.0) implant surgery, S-Wide Kit additionally required



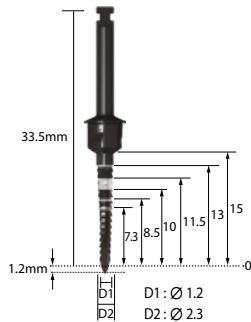
Product name	ISFKIT
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• Drill Length Guide



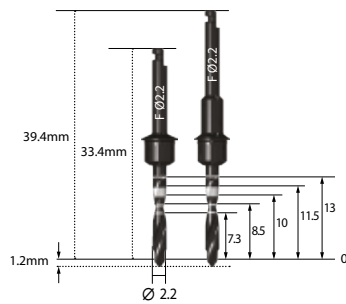
IS Full Kit Components

• Point Lindemann Drill



Diameter	Product name
Ø2.3	LDS23C

• Initial Drill



Diameter	Type	Product name
Ø2.2	Short	TSD22CS
Ø2.2	Long	TSD22CL

• Twist Drill



Diameter	Type	Product name
Ø3.0	Short	TSD30CS
Ø3.0	Long	TSD30CL
Ø3.5	Short	TSD35CS
Ø3.5	Long	TSD35CL
Ø4.0	Short	TSD40CS
Ø4.0	Long	TSD40CL
Ø4.5	Short	TSD45CS
Ø4.5	Long	TSD45CL

• Stopper

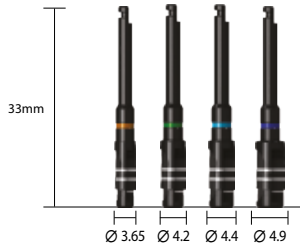
Stopper	3.0	4.0	5.0	6.0	6.6	7.3	8.5	10.0	11.5	13
Drilling Length(mm)	4.2	5.2	6.2	7.2	7.8	8.5	9.7	11.2	12.7	14.2
Product name	DS030C	DS040C	DS050C	DS060C	DS066C	DS070C	DS085C	DS100C	DS115C	DS130C



* Only stopper included. Please order Stopper holder separately.

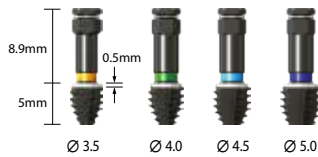
IS Full Kit Components

• Cortical Drill



Diameter	Product name
Ø3.65	ISCD35F
Ø4.2	ISCD40F
Ø4.4	ISCD45F
Ø4.9	ISCD50F

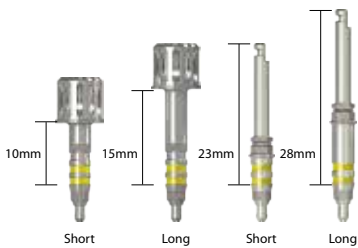
• Cortical Tap (0.8 Pitch)



Diameter	Product name
Ø3.5	PTAP35FS
Ø4.0	PTAP40FS
Ø4.5	PTAP45FS
Ø5.0	PTAP50FS

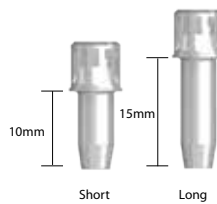
* Only stopper included.
Please order Tap holder (SGPTSH) separately.

• IS Fixture Driver



Length	Product name
Ratchet (Short)	ISFD10R
Ratchet (Long)	ISFD15R
Contra Angle (Short)	ISFD05C
Contra Angle (Long)	ISFD05CL

• Connector



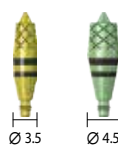
Ratchet

Length	Product name
Short	RC10
Long	RC15

Contra Angle

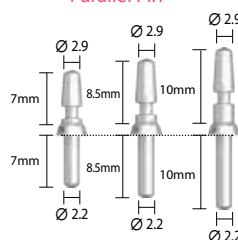
Product name	CAA00
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• Direction Pin



Diameter	Product name
Ø 3.5	DPIS35C
Ø 4.5	DPIS45C

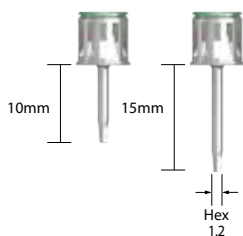
• Parallel Pin



Length	Product name
7.0 mm	PP07F
8.5 mm	PP08F
10.0 mm	PP10F

IS Full Kit Components

• Hex Driver



Length	Product name
10mm	HD1210S
15mm	HD1215S

• Drill Extension



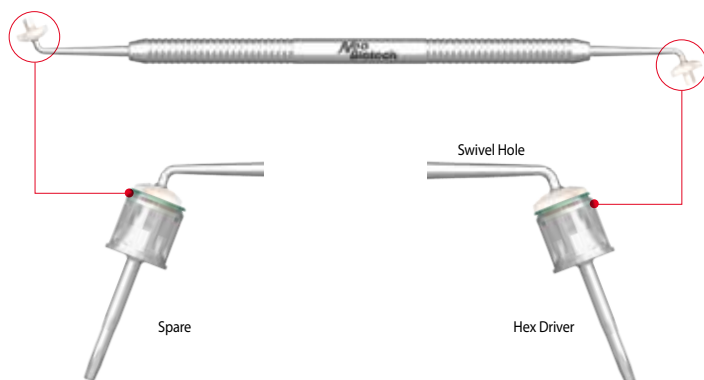
Product name	DE01
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• Torque Ratchet



Product name	TW60
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• Driver Holder



Product name	DH02
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• Depth gauge



Product name	DG17
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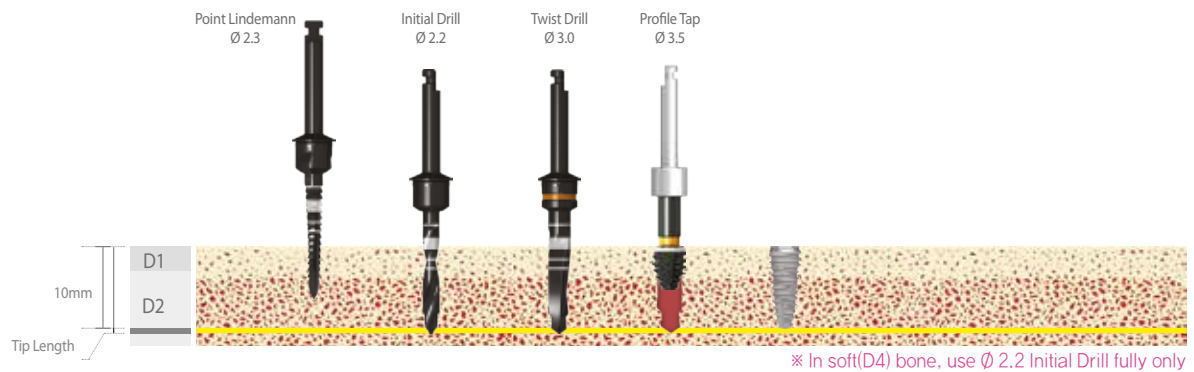
Surgical Kit

IS Full Kit - IS-II active, IS-II Drilling Sequence

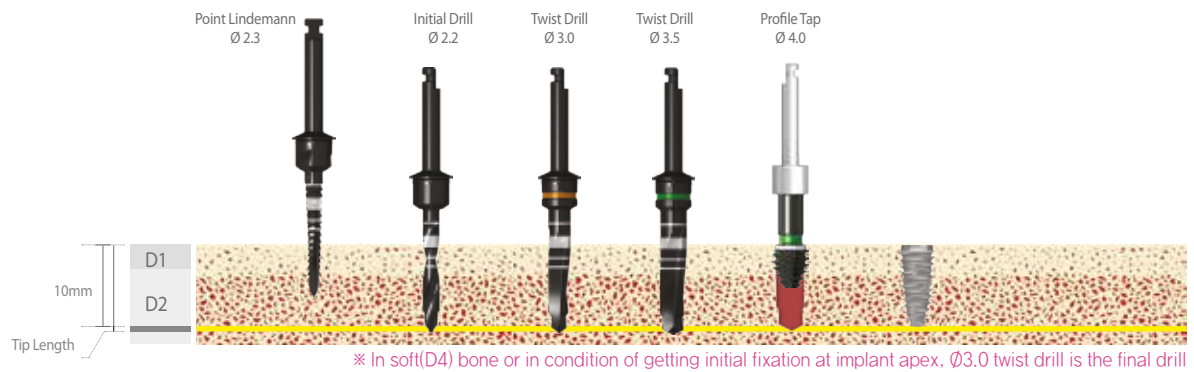
Drilling Speed & Torque

- Point Lindemann, Initial Drill, Twist Drill : 1,200rpm / 35~45Ncm
- Cortical Tap / Profile Tap : 50rpm / 50Ncm
- Cortical Drill : 1,200rpm / 35~45Ncm (Conventional Loading case)

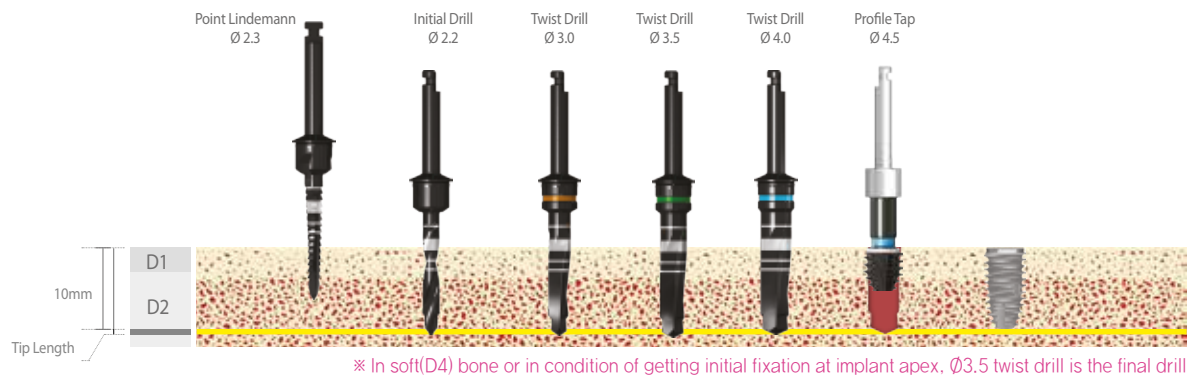
• IS-II active Fixture $\varnothing 3.5$ X 10mm (D1/D2 bone)



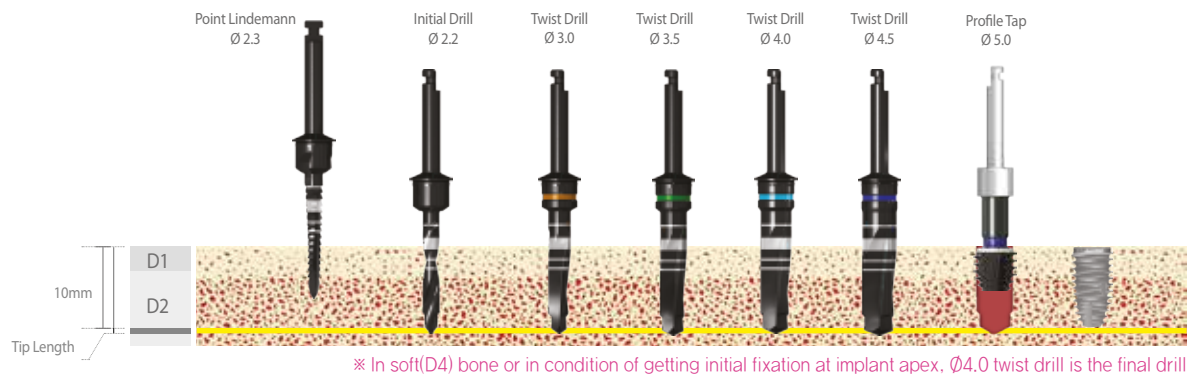
• IS-II active Fixture $\varnothing 4.0$ X 10mm (D1/D2 bone)



• IS-II active Fixture $\varnothing 4.5$ X 10mm (D1/D2 bone)



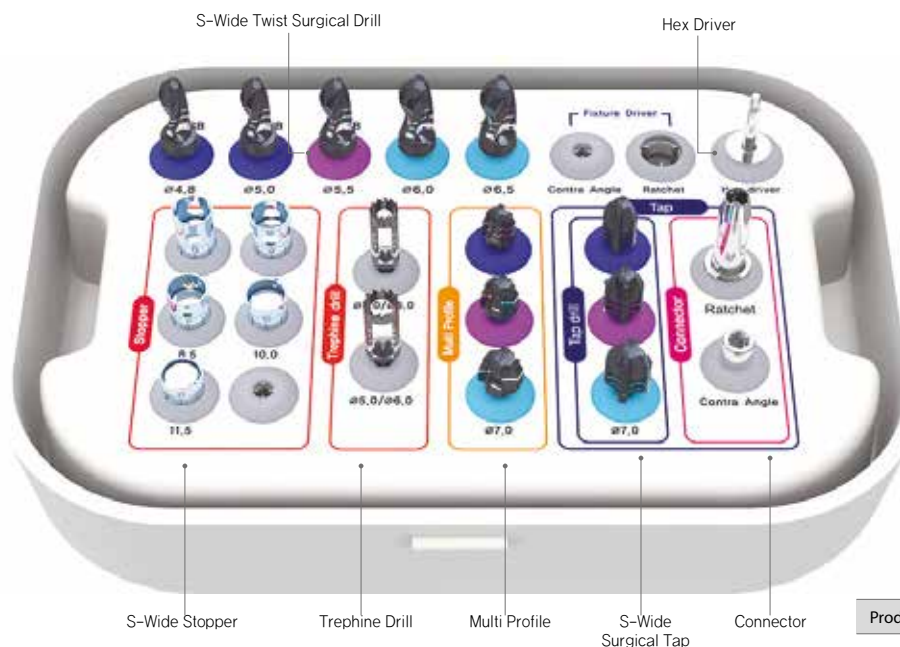
• IS-II active Fixture $\varnothing 5.0$ X 10mm (D1/D2 bone)





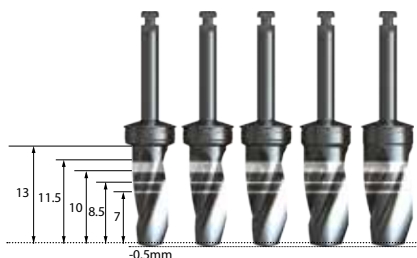
S-Wide Kit

This kit can be used to perform implant surgery for IS-III active(Ø5.5~Ø6.0), IS-II active(Ø5.5~Ø7.0), IT-III active Wide neck (Ø5.5~Ø6.0), EB S-Wide(Ø5.5~Ø6.0).



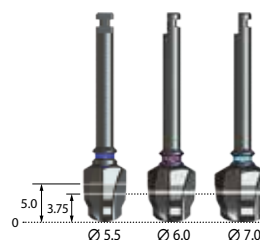
Product name	SWKIT
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• S-Wide Twist Surgical Drill



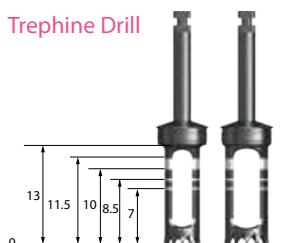
Diameter	Product name
Ø4.8	TSD48
Ø5.0	TSD50
Ø5.5	TSD55
Ø6.0	TSD60
Ø6.5	TSD65

• S-Wide Multi Profile



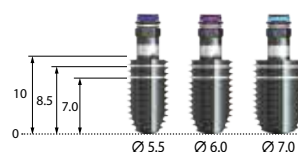
Diameter	Product name
Ø5.5	MP55
Ø6.0	MP60
Ø7.0	MP70

• Trepphine Drill



Diameter	Product name
Ø4.0 / Ø5.0	TB40
Ø5.0 / Ø6.0	TB50

• S-Wide Surgical Tap



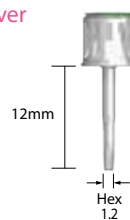
Diameter	Product name
Ø5.5	TD55
Ø6.0	TD60
Ø7.0	TD70

• S-Wide Drill Stopper



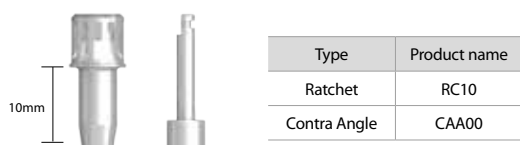
* Only stopper included. Please order Stopper holder(DSHL) separately.

• Hex Driver



Type	Product name
1.2Hex	HD1212s

• Connector





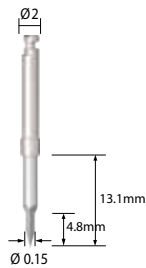
S-Narrow Kit

This kit can be used to perform implant surgery for IS-III active(Ø3.2).

• All products are individual purchases.



• Point Drill



Diameter	Product name
Ø1.35	PD13

• Surgical Drill



Diameter	Product name
Ø2.2	TSDS22CL
Ø2.7	TSD27CL

• Drill Stopper



Length(mm)	8.5	10	11.5	13
Product name	DS085CS	DS100CS	DS115CS	DS130CS

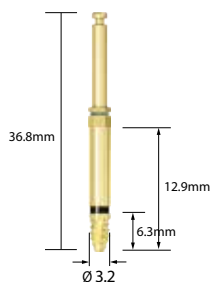
* Only stopper included. Please order Stopper holder(DSHCS) separately.

• Drill Extension



Product name	DE01
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• Cortical Tap



Diameter	Product name
Ø3.2	CT32S09

• Cortical Drill



Diameter	Product name
Ø3.2	ISCD32

S-Narrow Kit

• Direction Pin



Diameter	Product name
Ø3.6	DP36

• Fixture Driver



Length	Product name
Ratchet	ISFDSNRL
Contra Angle	ISFDSNCL

• Hex Driver



Length	Product name
15mm	HD1215S

• Connector



Length	Product name
Long	RC15S

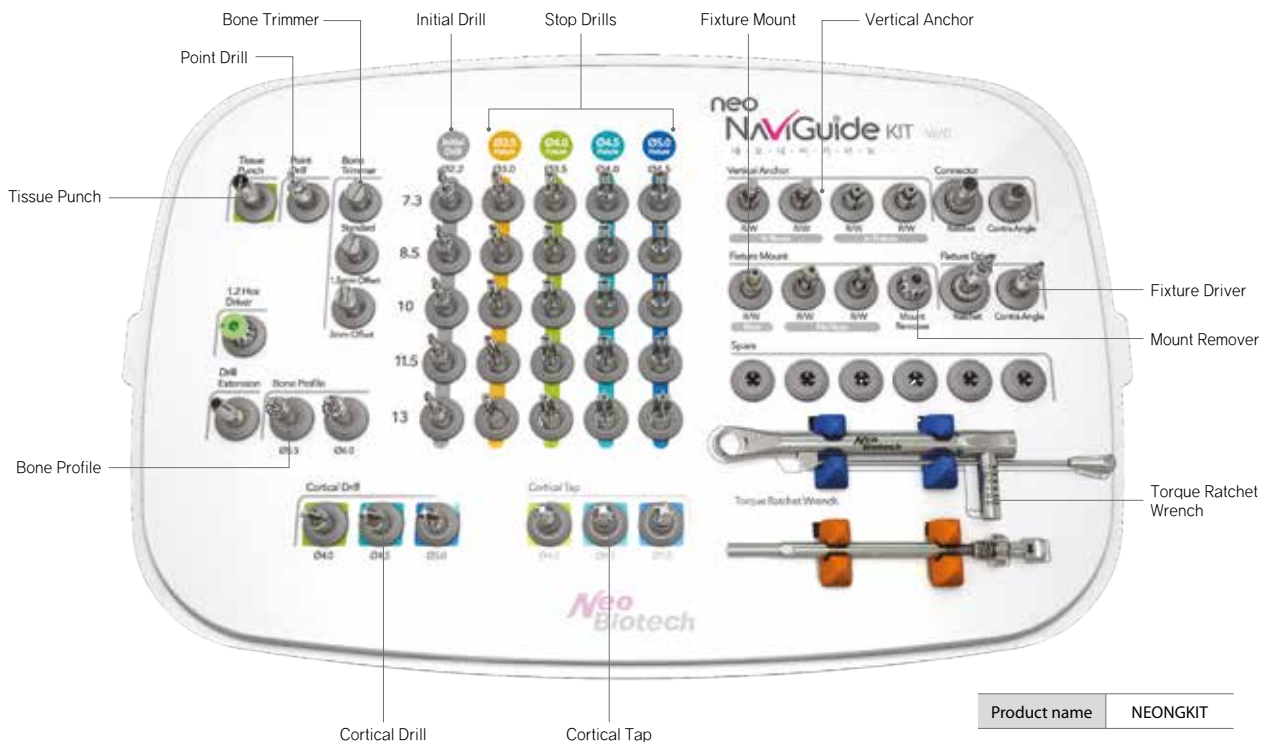
• Torque Ratchet



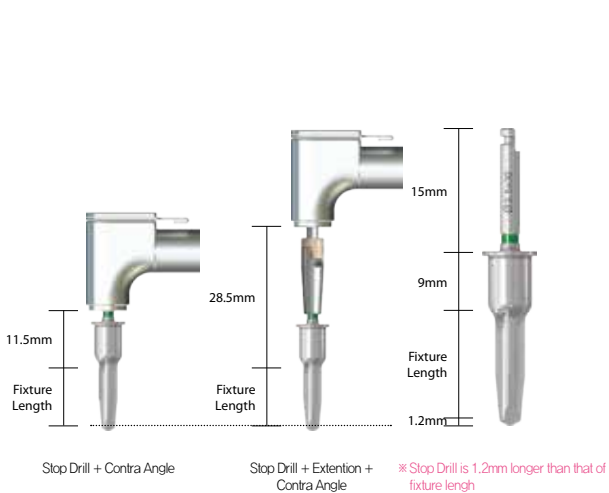
Product name	TW60
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Neo NaviGuide Kit

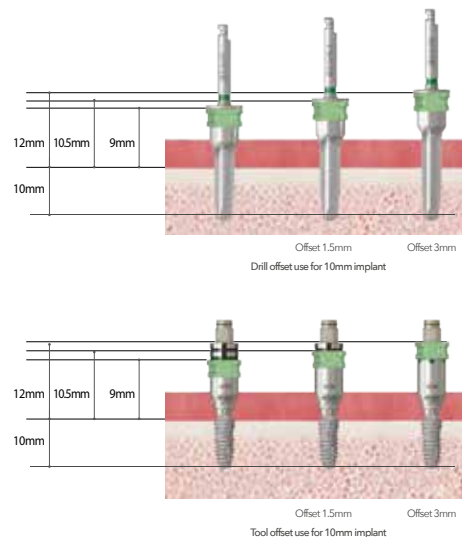
This kit can be used to perform surgical guide implant surgery for IS-II active , IS-III active (Ø3.5~Ø5.0) For R/W sleeve , R/W C sleeve



• Drill Length Guide

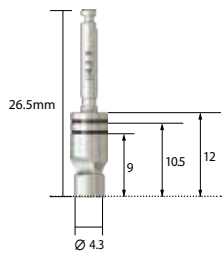


• Sleeve Offset Guide



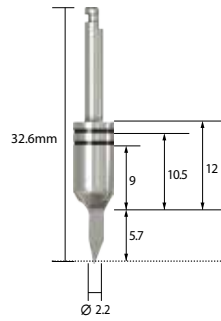
Neo NaviGuide Kit

• Tissue Punch



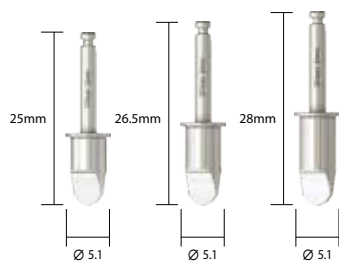
Diameter	Product name
Ø4.3	NGTP43R

• Point Drill



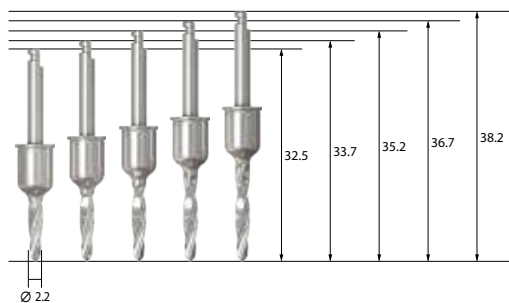
Diameter	Product name
Ø2.2	NGPD22

• Bone Trimmer



Diameter	Type	Product name
Ø5.1	Standard	NGBT00
Ø5.1	1.5mm offset	NGBT15
Ø5.1	3.0mm offset	NGBT30

• Ø2.2 Initial Drill

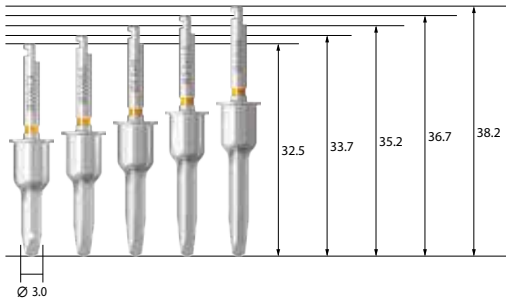


Diameter	Length	Product name
Ø2.2	7.3	NGTWD2207
Ø2.2	8.5	NGTWD2208
Ø2.2	10	NGTWD2210
Ø2.2	11.5	NGTWD2211
Ø2.2	13	NGTWD2213

Surgical Kit

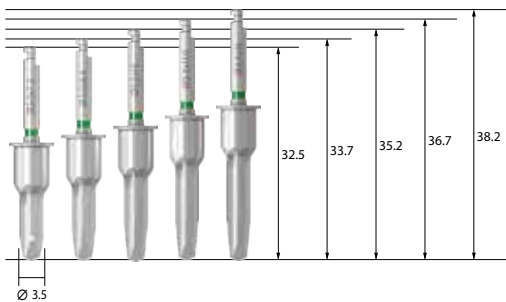
Neo NaviGuide Kit

• Ø3.0 Stop Drill



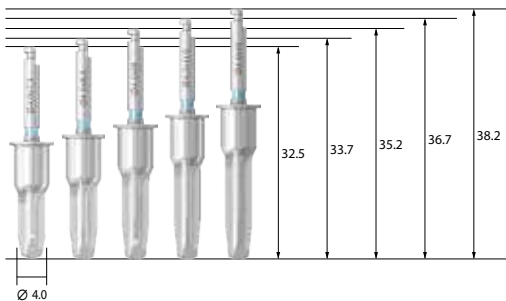
Diameter	Length	Product name
Ø3.0	7.3	NGTD3007
Ø3.0	8.5	NGTD3008
Ø3.0	10	NGTD3010
Ø3.0	11.5	NGTD3011
Ø3.0	13	NGTD3013

• Ø3.5 Stop Drill



Diameter	Length	Product name
Ø3.5	7.3	NGTD3507
Ø3.5	8.5	NGTD3508
Ø3.5	10	NGTD3510
Ø3.5	11.5	NGTD3511
Ø3.5	13	NGTD3513

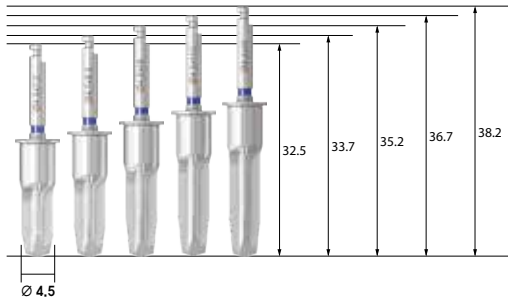
• Ø4.0 Stop Drill



Diameter	Length	Product name
Ø4.0	7.3	NGTD4007
Ø4.0	8.5	NGTD4008
Ø4.0	10	NGTD4010
Ø4.0	11.5	NGTD4011
Ø4.0	13	NGTD4013

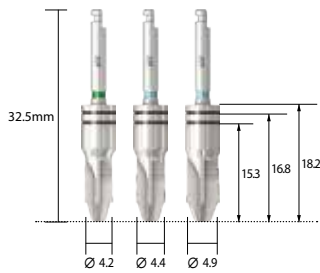
Neo NaviGuide Kit

• Ø4.5 Stop Drill



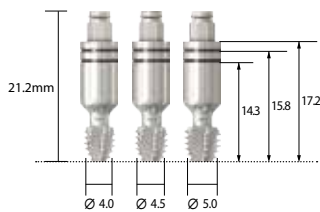
Diameter	Length	Product name
Ø4.5	7.3	NGTD4507
Ø4.5	8.5	NGTD4508
Ø4.5	10	NGTD4510
Ø4.5	11.5	NGTD4511
Ø4.5	13	NGTD4513

• Cortical Drill



Diameter	Product name
Ø4.2	NGCD40F
Ø4.4	NGCD45F
Ø4.9	NGCD50F

• Cortical Tap (IS-II Active)



Diameter	Product name
Ø4.0	NGISCT40R
Ø4.5	NGISCT45R
Ø5.0	NGISCT50W

Surgical Kit

Neo NaviGuide Kit

• Vertical Anchor



Type	Product name
In Bone	SGVABRW



Type	Product name
In Fixture	SGISVAFRW

• Fixture Mount



Type	Product name
Stop	SGISFARW

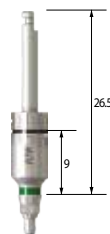


Type	Product name
No Stop	SGISFAN30

• Fixture Driver



Type	Product name
Ratchet	NGISFDR



Type	Product name
Contra Angle	NGISFDCA

Neo NaviGuide Kit

• Connector



Type	Product name
Ratchet	SGRC10



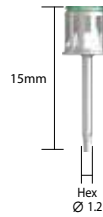
Type	Product name
Contra Angle	SGCAC00

• Mount Remover



Product name	Product name
SGFART20	SGFART20

• Hex Driver



Product name	Product name
HD1215S	HD1215S

• Drill Extension



Product name	Product name
DE01	DE01

• Bone Profile



Diameter	Product name
Ø5.5	ISBP55
Ø6.0	ISBP60

Surgical Kit

Neo NaviGuide Kit

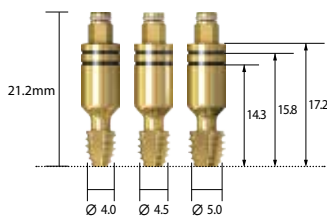
- Torque Ratchet



Product name	TW60
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Option

- Cortical Tap (IS-III Active)



Diameter	Product name
Ø4.0	NGISCT40RS
Ø4.5	NGISCT45RS
Ø5.0	NGISCT50WS

- Surgical Guide Sleeve



Type	Product name
R/W Sleeve	SGS70RW



Type	Product name
R/W C-Sleeve	CSGS70RW

- Surgical Guide IS Lab Analog



Product name	SGISLA500
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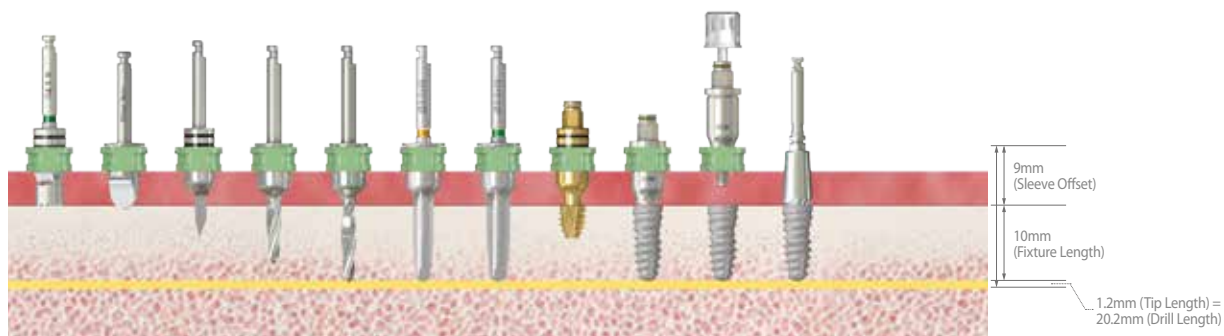


Neo NaviGuide Kit Drilling Sequence

Tissue Punch, Bone Trimmer, PontDrill, Initial Drill : 1,200rpm / 35~45Ncm

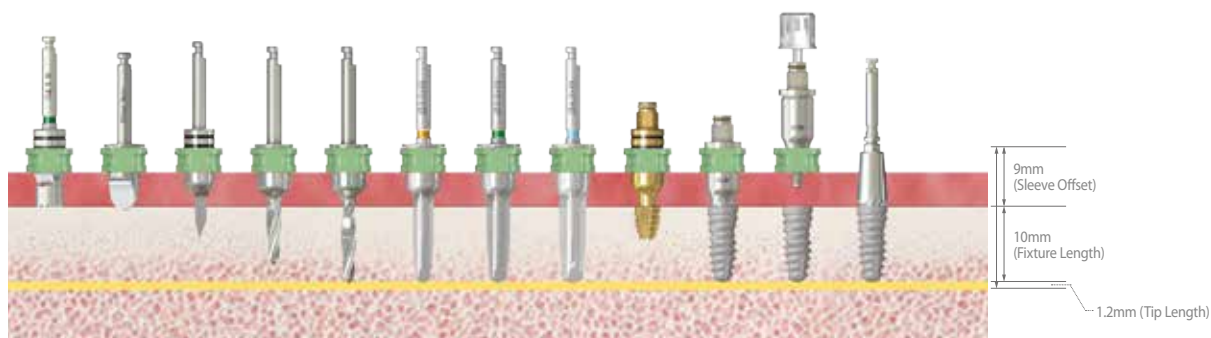
- Stop Drill : 50~100 rpm / 35~45Ncm (Option : 1,200rpm / 35~45Ncm)
- Cortical Tap : 50rpm / 50Ncm
- Cortical Drill : 50rpm / 50Ncm (Conventional loading case)
- IS-III active Fixture $\varnothing 4.0 \times 10\text{mm}$ / Offset 0mm (D1/D2bone)

$\varnothing 4.3$	Bone	$\varnothing 2.2$	$\varnothing 2.2$	$\varnothing 2.2$	$\varnothing 3.0$	$\varnothing 3.5$	$\varnothing 4.0$	Fixture Stop	Mount	Bone
Tissue Punch	Trimmer Standard	Point Drill	7.3mm Drill	10mm Drill	10mm Drill	10mm Drill	Cortical Tap	Mount	Mount Remover	Profile



- IS-III active Fixture $\varnothing 4.5 \times 10\text{mm}$ / Offset 0mm (D1/D2bone)

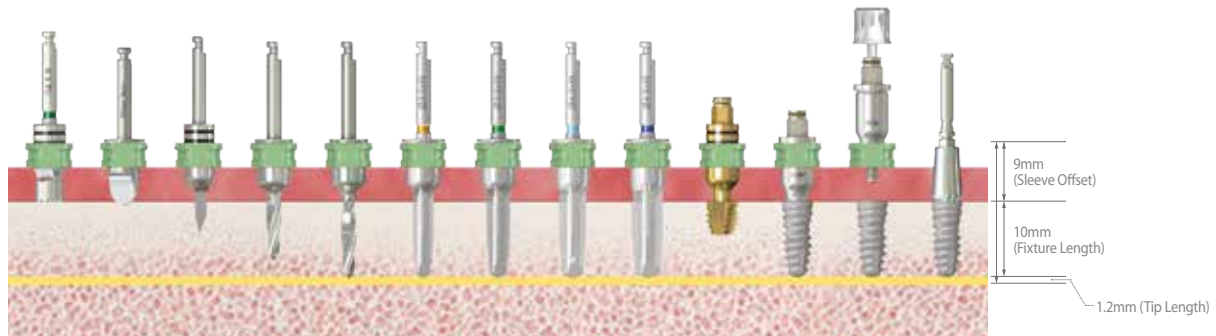
$\varnothing 4.3$	Bone	$\varnothing 2.2$	$\varnothing 2.2$	$\varnothing 2.2$	$\varnothing 3.0$	$\varnothing 3.5$	$\varnothing 4.0$	$\varnothing 4.0$	Fixture Stop	Mount	Bone
Tissue Punch	Trimmer Standard	Point Drill	7.3mm Drill	10mm Drill	10mm Drill	10mm Drill	10mm Drill	Cortical Tap	Mount	Mount Remover	Profile



Neo NaviGuide Kit Drilling Sequence

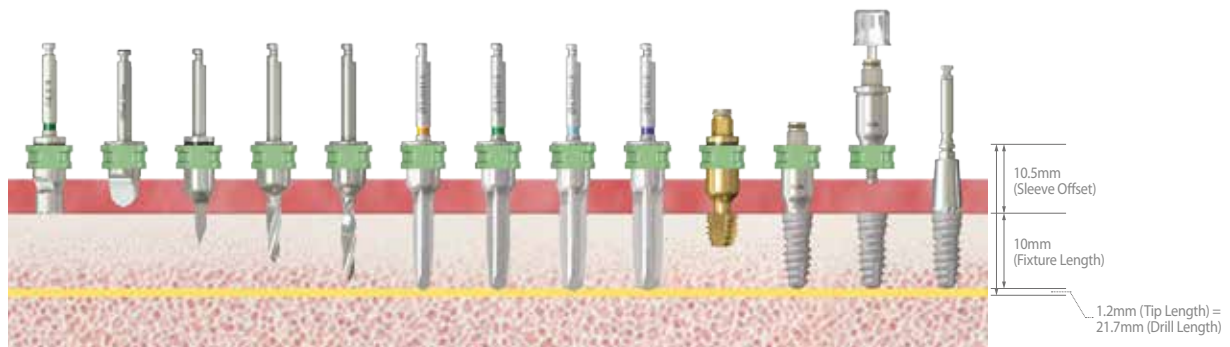
• IS-III active Fixture $\varnothing 5.0$ X 10mm / Offset 0mm (D1/D2bone)

$\varnothing 4.3$	Bone	$\varnothing 2.2$	$\varnothing 2.2$	$\varnothing 2.2$	$\varnothing 3.0$	$\varnothing 3.5$	$\varnothing 4.0$	$\varnothing 4.5$	$\varnothing 5.0$	Fixture Stop	Mount	Bone
Tissue Punch	Trimmer Standard	Point Drill	7.3mm Drill	10mm Drill	10mm Drill	10mm Drill	10mm Drill	10mm Drill	Cortical Tap	Mount	Remover	Profile



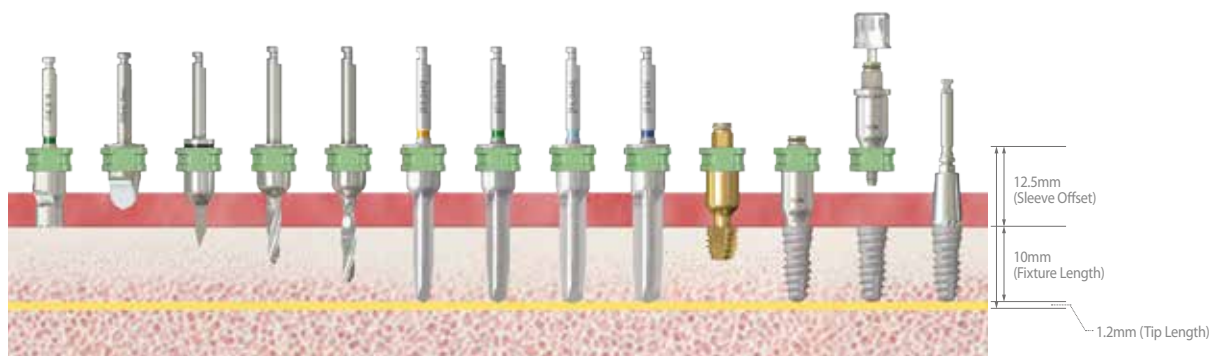
• IS-III active Fixture $\varnothing 5.0$ X 10mm / Offset 1.5mm (D1/D2bone)

$\varnothing 4.3$	Bone	$\varnothing 2.2$	$\varnothing 2.2$	$\varnothing 2.2$	$\varnothing 3.0$	$\varnothing 3.5$	$\varnothing 4.0$	$\varnothing 4.5$	$\varnothing 5.0$	Fixture Stop	Mount	Bone
Tissue Punch	Trimmer Standard	Point Drill	7.3mm Drill	10mm Drill	11.5mm Drill	11.5mm Drill	11.5mm Drill	11.5mm Drill	Cortical Tap	Mount	Remover	Profile



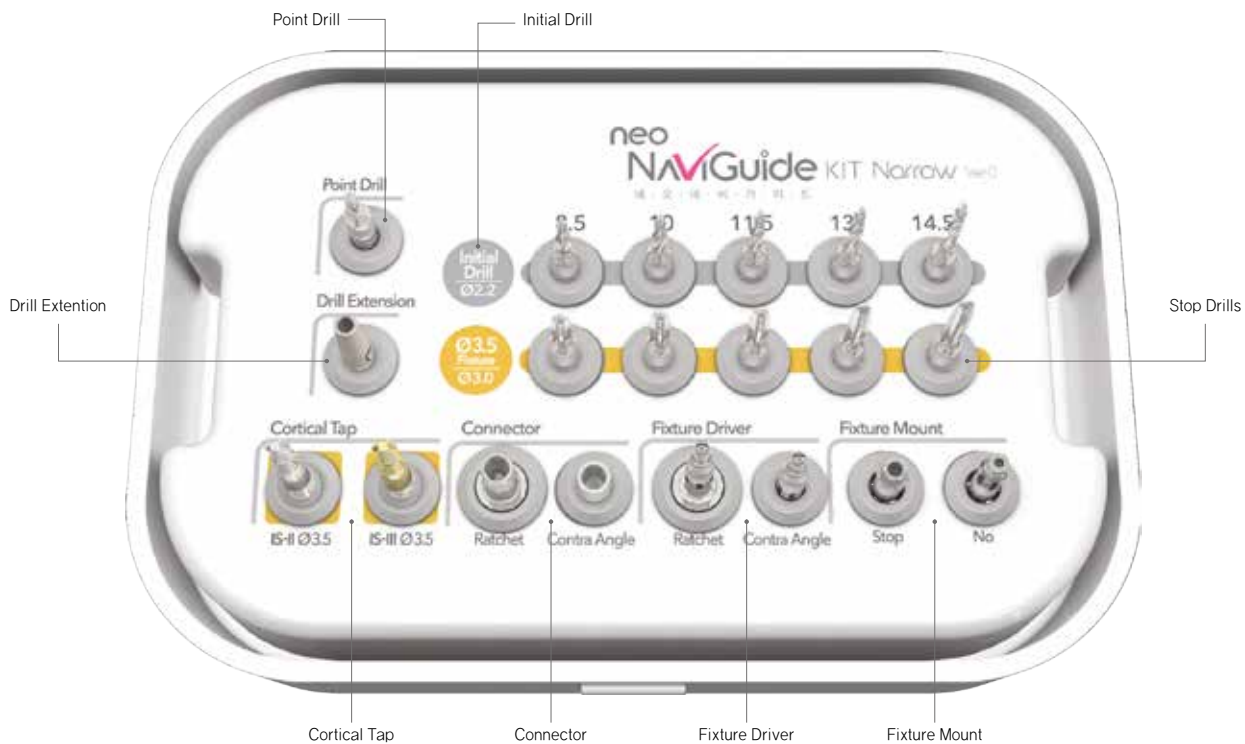
• IS-III active Fixture $\varnothing 5.0$ X 10mm / Offset 3.0mm (D1/D2bone)

$\varnothing 4.3$	Bone	$\varnothing 2.2$	$\varnothing 2.2$	$\varnothing 2.2$	$\varnothing 3.0$	$\varnothing 3.5$	$\varnothing 4.0$	$\varnothing 4.5$	$\varnothing 5.0$	Fixture Stop	Mount	Bone
Tissue Punch	Trimmer Standard	Point Drill	7.3mm Drill	10mm Drill	13mm Drill	13mm Drill	13mm Drill	13mm Drill	Cortical Tap	Mount	Remover	Profile

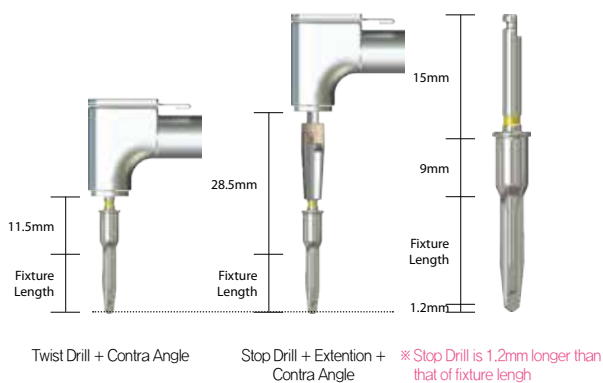


Neo NaviGuide Narrow Kit

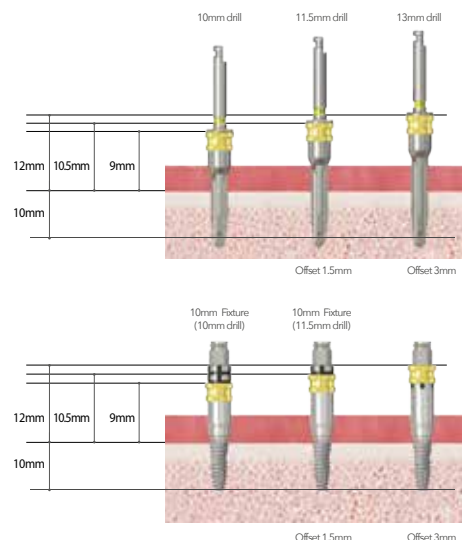
This kit can be used to perform surgical guide implant surgery for IS-II Active, IS-III active(Ø3.5) For N sleeve



• Drill Length Guide

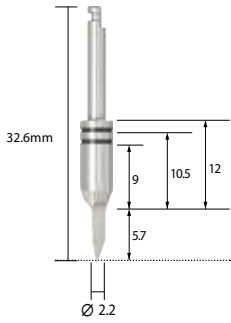


• Sleeve Offset Guide



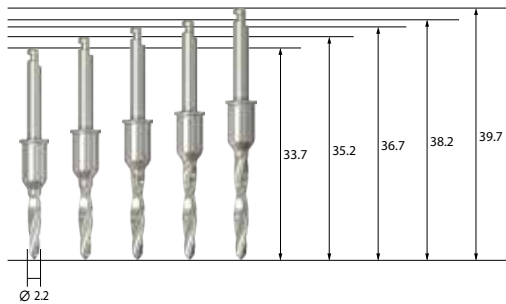
Neo NaviGuide Narrow Kit

• Point Drill



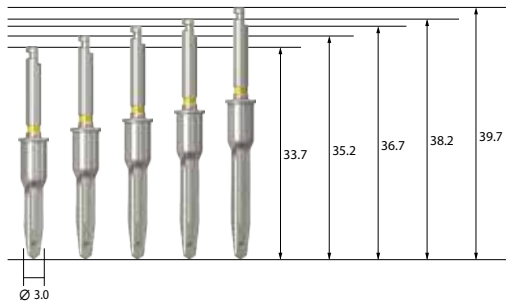
Diameter	Product name
Ø2.2	NGPD22N

• Ø2.2 Initial Drill



Diameter	Length	Product name
Ø2.2	8.5	NGTWD2208N
Ø2.2	10	NGTWD2210N
Ø2.2	11.5	NGTWD2211N
Ø2.2	13	NGTWD2213N
Ø2.2	14.5	NGTWD2214N

• Ø3.0 Stop Drill



Diameter	Length	Product name
Ø3.0	8.5	NGTD3008N
Ø3.0	10	NGTD3010N
Ø3.0	11.5	NGTD3011N
Ø3.0	13	NGTD3013N
Ø3.0	14.5	NGTD3014N

Surgical Kit

Neo NaviGuide Narrow Kit

• Cotical Tap

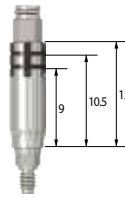


Type	Product name
IS-II	NGISCT35N
IS-III	NGISCT35NS

• Fixture Mount

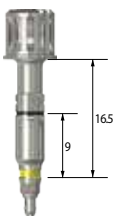


Type	Product name
Stop	SGISFAN

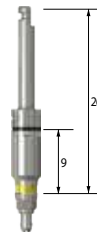


Type	Product name
No Stop	SGISFAN30

• Fixture Driver



Type	Product name
Ratchet	NGISFDRN



Type	Product name
Contra Angle	NGISFDCAN

Neo NaviGuide Narrow Kit

- Connector



Type	Product name
Ratchet	SGRC10



Type	Product name
Contra Angle	SGCAC00

- Drill Extension



Product name	
DE01	

Option

- Surgical Guide Sleeve



Type	Product name
N Sleeve	SGS55N

- Surgical Guide IS Lab Analog



Product name	
SGISLA400	

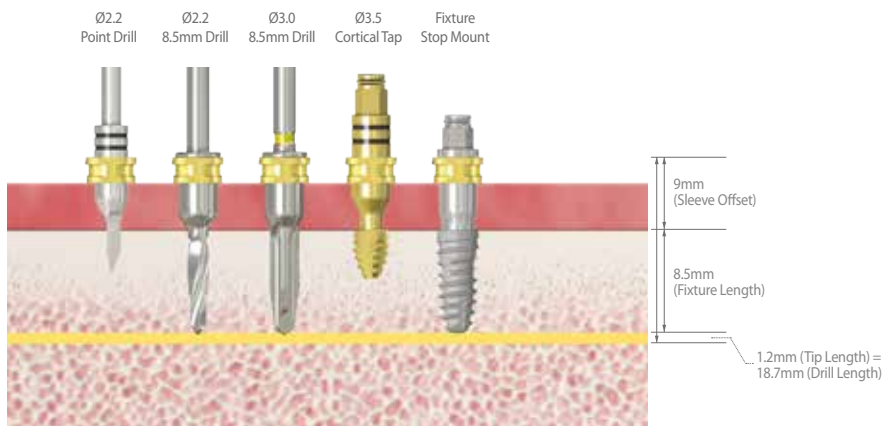
Surgical Kit

Neo NaviGuide Narrow Kit Drilling Sequence

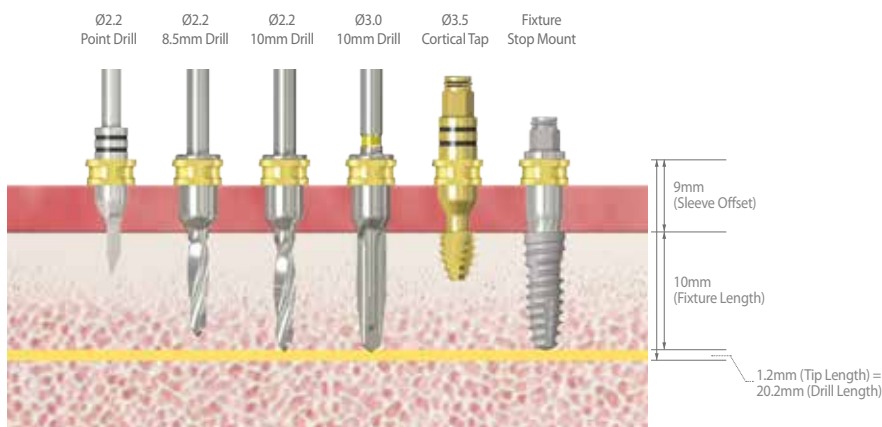
PontDrill, Initial Drill : 1,200rpm / 35~45Ncm

- Stop Drill : 50~100 rpm / 35~45Ncm (Option : 1,200rpm / 35~45Ncm)
- Cortical Tap : 50rpm / 50Ncm

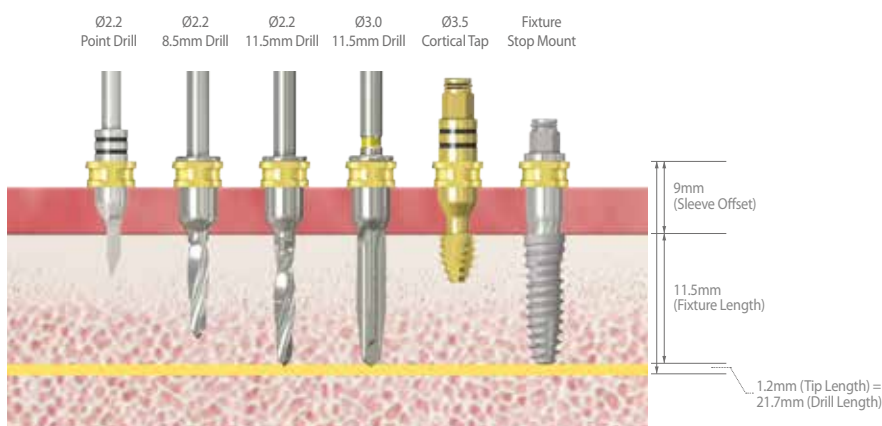
• IS-III active Fixture Ø3.5 X 8.5mm / Offset 0mm (D1/D2bone)



• IS-III active Fixture Ø3.5 X 10mm / Offset 0mm (D1/D2bone)

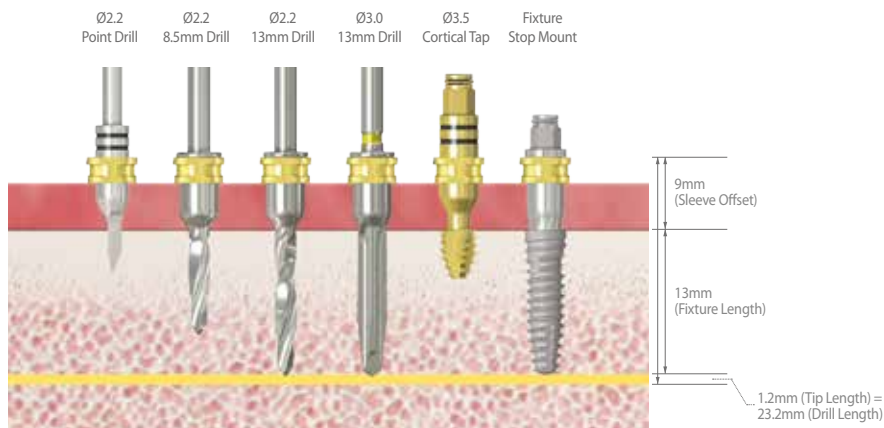


• IS-III active Fixture Ø3.5 X 11.5mm / Offset 0mm (D1/D2bone)

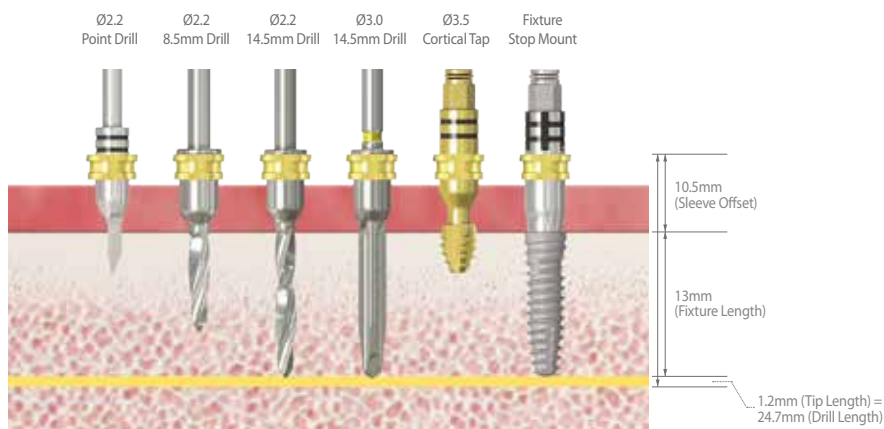


Neo NaviGuide Narrow Kit Drilling Sequence

• IS-III active Fixture $\varnothing 3.5$ X 13mm / Offset 0mm (D1/D2bone)



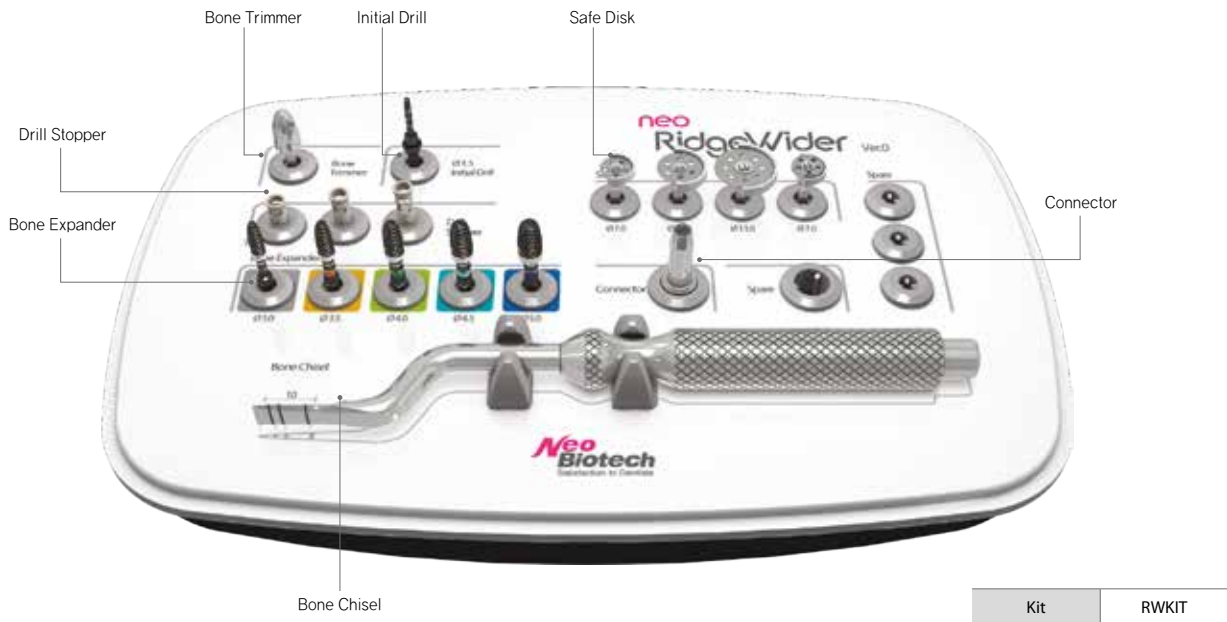
• IS-III active Fixture $\varnothing 3.5$ X 13mm / Offset 1.5mm (D1/D2bone)



Surgical Kit

Ridge Wider Kit

The product is a dental procedural device developed for convenient and easy split and expansion with RidgeWider Kit including expander, safe disk, drill and chisel in narrow ridge case where implant placement is difficult.



Kit	RWKIT
-----	-------




• Bone Trimmer



Product name	BTR16010
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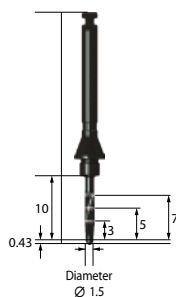
• Drill Stopper



			
Drilling Length	3.0mm	5.0mm	7.0mm
Product name	SFDS030	SFDS050	SFDS070

Only stopper included.
Please order Stopper holder(SAWDDSH) separately.

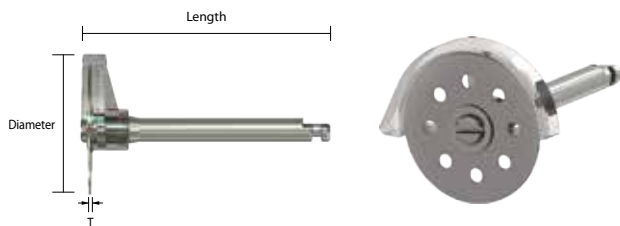
• Initial Drill



Product name	SFD15
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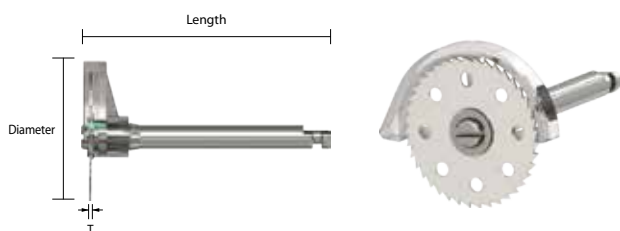
Ridge Wider Kit

• Safe Disk (Non-Saw Type)



Diameter	Length	T	Product name
Ø7.0	24.8mm	0.35T	SAWD0703N
Ø7.0	25.75mm	1.0T	SAWD0710N
Ø10.0	24.8mm	0.35T	SAWD1003N
Ø13.0	24.8mm	0.35T	SAWD1303N

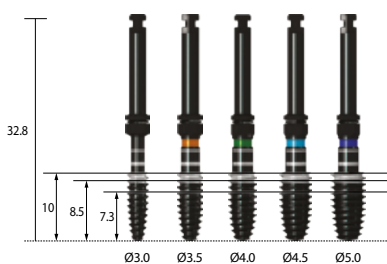
• Safe Disk (Saw Type) - Optional



Diameter	Length	T	Product name
Ø7.0	24.8mm	0.28T	SAWD0703S*
Ø7.0	25.75mm	1.0T	SAWD0710S*
Ø10.0	24.8mm	0.28T	SAWD1003S*
Ø13.0	24.8mm	0.28T	SAWD1303S*

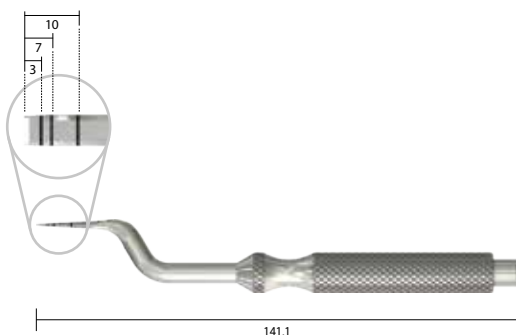
* Not Included.
Separately Purchasable.

• Bone Expander



Diameter	Product name
Ø3.0	BEXP30
Ø3.5	BEXP35
Ø4.0	BEXP40
Ø4.5	BEXP45
Ø5.0	BEXP50

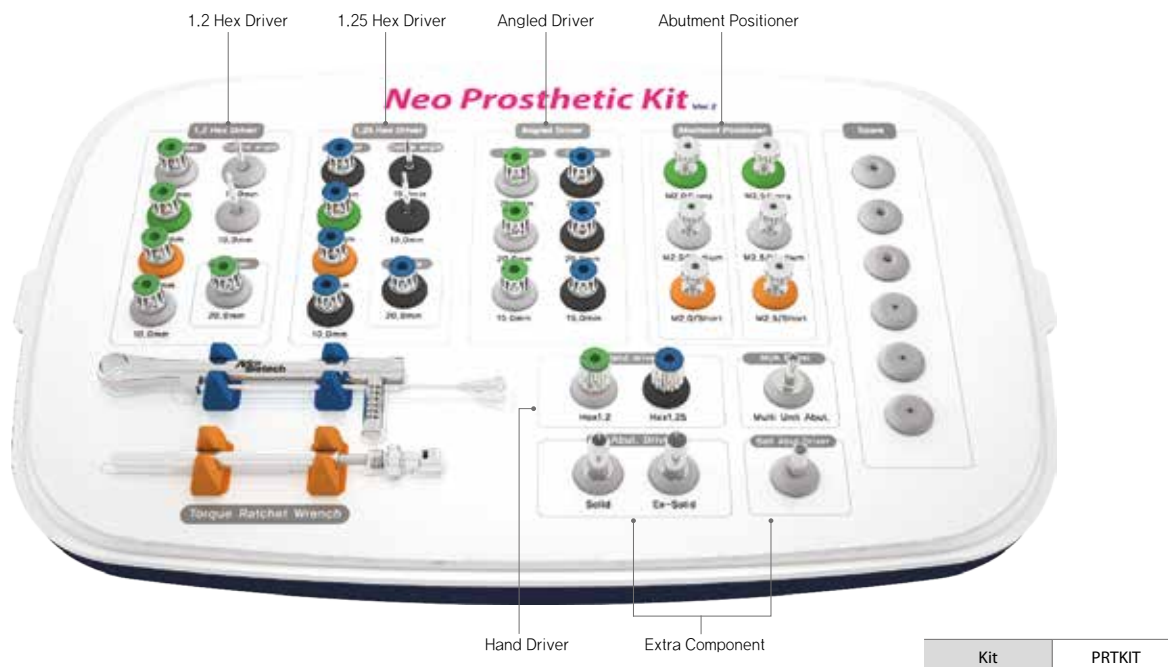
• Bone Chisel



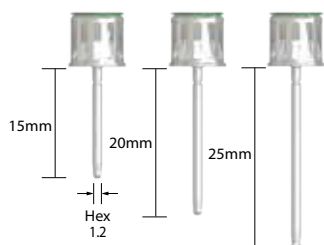
Length	Product name
141.1mm	BCH160

Surgical Kit

Neo Prosthetic Kit



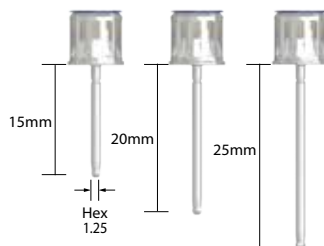
• Angled Driver



1.2 Hex

Length(mm)	Product name
15	HDA1215S
20	HDA1220S
25	HDA1225S*

* Not Included.
Separately Purchasable.



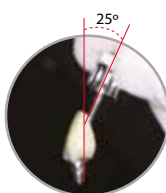
1.25 Hex

Length(mm)	Product name
15	HDA12515S
20	HDA12520S
25	HDA12525S*

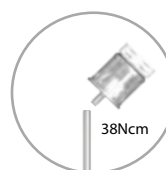
* Not Included.
Separately Purchasable.



Rounded hex design



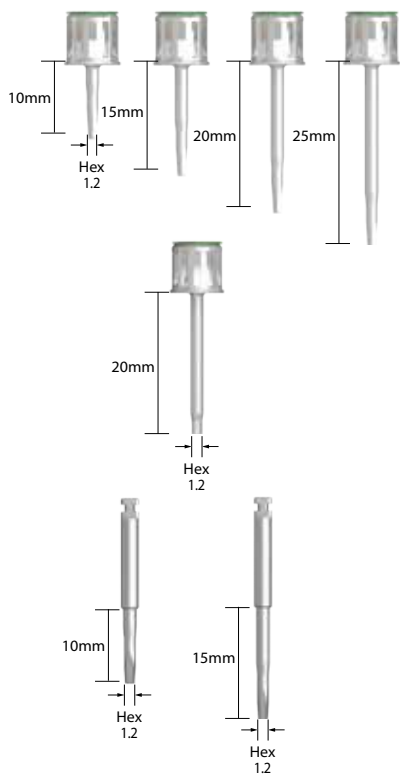
Access angle max 25°
Tightening Torque max 30 Ncm



Handle neck is designed to be broke in 38 Ncm for prevent hex tip fracture

Neo Prosthetic Kit

• 1.2 Hex Driver



Ratchet

Length(mm)	Product name
10	HD1210S
15	HD1215S
20	HD1220S
25	HD1225S

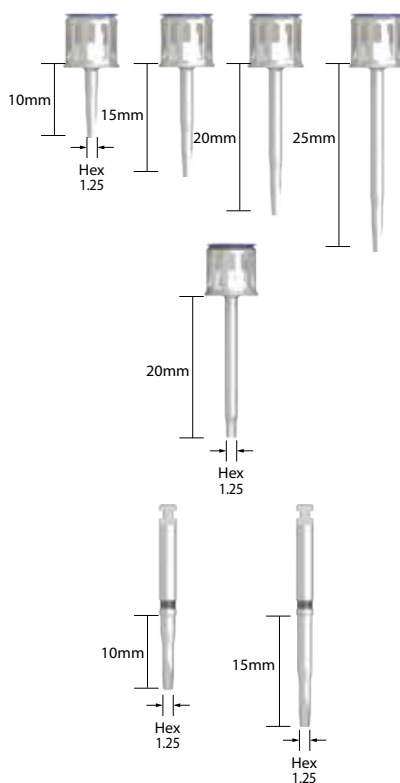
Rescue

Length(mm)	Product name
20	HD1220RCS

Contra Angle

Length(mm)	Product name
10	HDC1210
15	HDC1215

• 1.25 Hex Driver



Ratchet

Length(mm)	Product name
10	HD12510S
15	HD12515S
20	HD12520S
25	HD12525S

Rescue

Length(mm)	Product name
20	HD12520RCS

Contra Angle

Length(mm)	Product name
10	HDC12510
15	HDC12515

Surgical Kit

Neo Prosthetic Kit

• Extra Component



IT Abutment Driver

Type	Product name
Solid	ITAD0L*
Ex-Solid	ITESD00*

* Not Included.
Separately Purchasable.



Product name	MUAD48S*
--------------	----------

* Not Included.
Separately Purchasable.



Product name	BADH24*
--------------	---------

* Not Included.
Separately Purchasable.

• Torque Ratchet

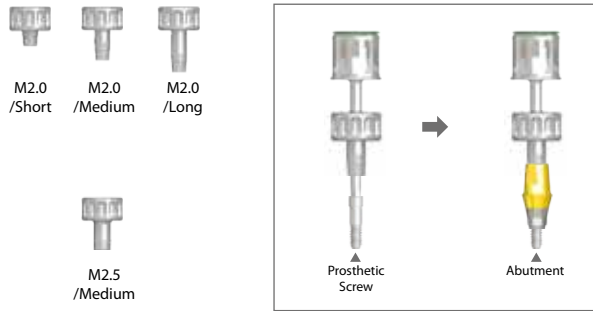


Product name	TW60
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Neo Prosthetic Kit

- **Abutment Positioner**

Used to take exact position of hex and direction of abutment with one hand.



Type	Product name
M2.0/Short(2mm)	AP202N
M2.0/Medium(5mm)	AP205N
M2.0/Long(7mm)	AP207N
M2.5/Medium(5mm)	AP255N

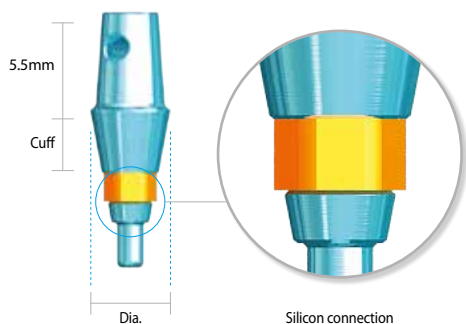
Neo Prosthetic Planning Kit

Neo Prosthetic Planning kit which helps users select a prosthesis by diameter, cuff and length when engaging with a fixture before choosing the size of prosthesis



Kit	PRTPNKIT
-----	----------

• Straight Type



Diameter	Ø 4.5			
Cuff(mm)	1.0	2.0	3.0	4.0
Product name	PISAH415	PISAH425	PISAH435	PISAH445



Diameter	Ø 5.2			
Cuff(mm)	1.0	2.0	3.0	4.0
Product name	PISAH515	PISAH525	PISAH535	PISAH545



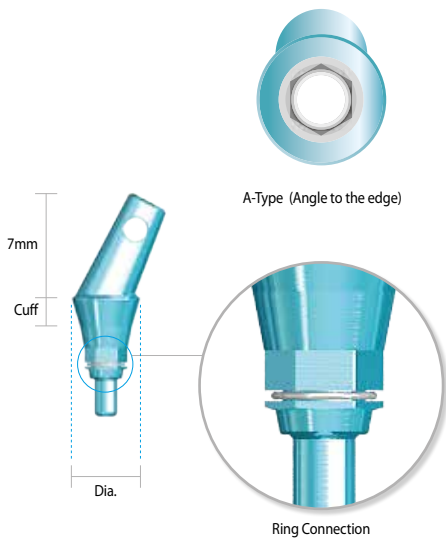
Diameter	Ø 5.7			
Cuff(mm)	1.0	2.0	3.0	4.0
Product name	PISAH615	PISAH625	PISAH635	PISAH645



Diameter	Ø 6.5			
Cuff(mm)	1.0	2.0	3.0	4.0
Product name	PISAH715	PISAH725	PISAH735	PISAH745

Neo Prosthetic Planning Kit

• Angled A-Type



Cuff(mm)	2.0				
Diameter	Ø 4.5		Ø 5.2		Ø 5.7
Angle	15°	25°	15°	25°	15°
Product name	PISAHA1427	PISAHA2427	PISAHA1527	PISAHA2527	PISAHA1627

Cuff(mm)	4.0				
Diameter	Ø 4.5		Ø 5.2		Ø 5.7
Angle	15°	25°	15°	25°	15°
Product name	PISAHA1447	PISAHA2447	PISAHA1547	PISAHA2547	PISAHA1647

• Angled B-Type



Cuff(mm)	2.0				
Diameter	Ø 4.5		Ø 5.2		Ø 5.7
Angle	15°	25°	15°	25°	15°
Product name	PISAHB1427	PISAHB2427	PISAHB1527	PISAHB2527	PISAHB1627

Cuff(mm)	4.0				
Diameter	Ø 4.5		Ø 5.2		Ø 5.7
Angle	15°	25°	15°	25°	15°
Product name	PISAHB1447	PISAHB2447	PISAHB1547	PISAHB2547	PISAHB1647



NeoBiotech
SOLUTION SYSTEM

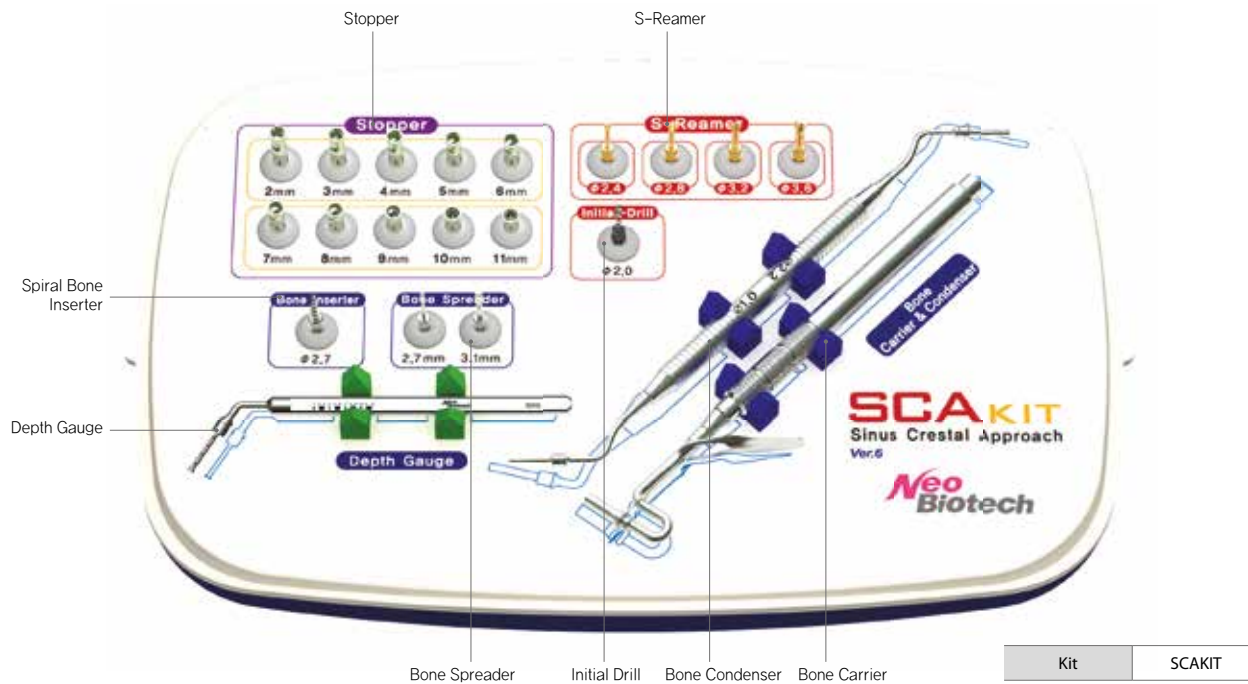
SCA Kit / SLA Kit / FR Kit / SR Kit / ACM

Contents

Solution System	SCA Kit	104
	SLA Kit	108
	FR Kit	112
	SR Kit	116
	ACM	120

SCA Kit (Sinus Crestal Approach Kit)

SCA Kit is a drilling tool on the inferior cortical bone without tearing of membrane and make a perforation on the inferior cortical bone with out malleting osteotome technique Therefore User can get CMI Fixation. (Initial Fixation in Crest cortical bone, Middle cancellous bone and Inferior cortical bone)



Kit	SCAKIT
-----	--------

• Initial Drill



Diameter	Product name
Ø2.0	SSD20

* 1.200rpm

• S-Reamer



Diameter	Product name
Ø2.4	ICR24
Ø2.8	ICR28
Ø3.2	ICR32
Ø3.6	ICR36

* 1.200rpm

SCA Kit (Sinus Crestal Approach Kit)

• Stopper



Length(mm)	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0
Product name	SKS02	SKS03	SKS04	SKS05	SKS06	SKS07	SKS08	SKS09	SKS10	SKS11

* Only Stopper included. Please order Stopper holder(SSH) separately.

• Depth Gauge



Product name	SDG00
--------------	-------

• Bone carrier



Product name	JUMB02
--------------	--------

• Bone Condenser



Product name	SBC01
--------------	-------

• Bone Inserter



Model no.	SBI27
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* 80rpm

• Bone Spreader



Diameter	Product name
Ø2.7	SBS20
Ø3.1	SBS30

* 80rpm

SCA Kit (Sinus Crestal Approach Kit)

- Bone Condenser & Aqua Connector

To place the grafting bone into the sinus hole, and is used to elevate the membrane using water.



Product name	NGBCACS*
--------------	----------

* Not Included.
Separately Purchasable.

- Aqua connector

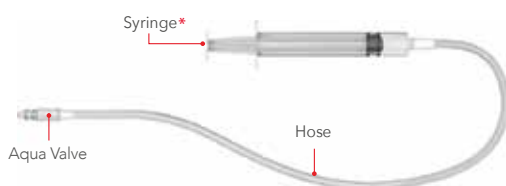
Used to elevate or peel membranes.



Product name	NGACR*
--------------	--------

* Not Included.
Separately Purchasable.

- Aqua system (Aqua Valve, Hose (Set))



Product name	AQHST
--------------	-------

* Not Included.
Separately Purchasable.

SCA Kit (Sinus Crestal Approach Kit)

• Sinus Crestal Approach Kit Intended use



①

Drilling

- Make drills 1mm shorter than measured height of residual bone. Drill only 1mm more in each step by step using 1mm longer stopper before the final drilling.



②

Using S-reamer

- For safety, select a proper S-reamer in diameter and 1mm shorter than measured height of remained bone. And make drills.
- If the sinus inferior cortical wall doesn't perforate until the stopper reaches to the crestal bone, change 1mm longer size stopper and drilling continuously.
- You can feel perforating in inferior cortical wall.



③

Check perforation

- Using Depth Gauge, check whether being perforated. Then, hang on the end of depth gauge in sinus wall inside. And check whether the tip side of gauge is hung on the interior wall.



④

Bone carrier

- Carry the bone grafting materials into osteotome site.
- One time insertion capacity 0.05cc.
- To make 1mm graft height, 0.1cc is needed.



⑤

Bone condenser

- Push and keep the graft materials in place on the floor of the sinus through the osteotome site.



⑥

Bone inserter

- Push the bone into sinus after inserting the bone into a hole with bone carrier.
- Can be safely used with 1mm long stopper. 80rpm speed.



⑦

Bone spreader

- Spreading the bone and reduce pressure in sinus area. 80rpm speed.
- Use bone spreader at least after inserting the bone more than 2 times.



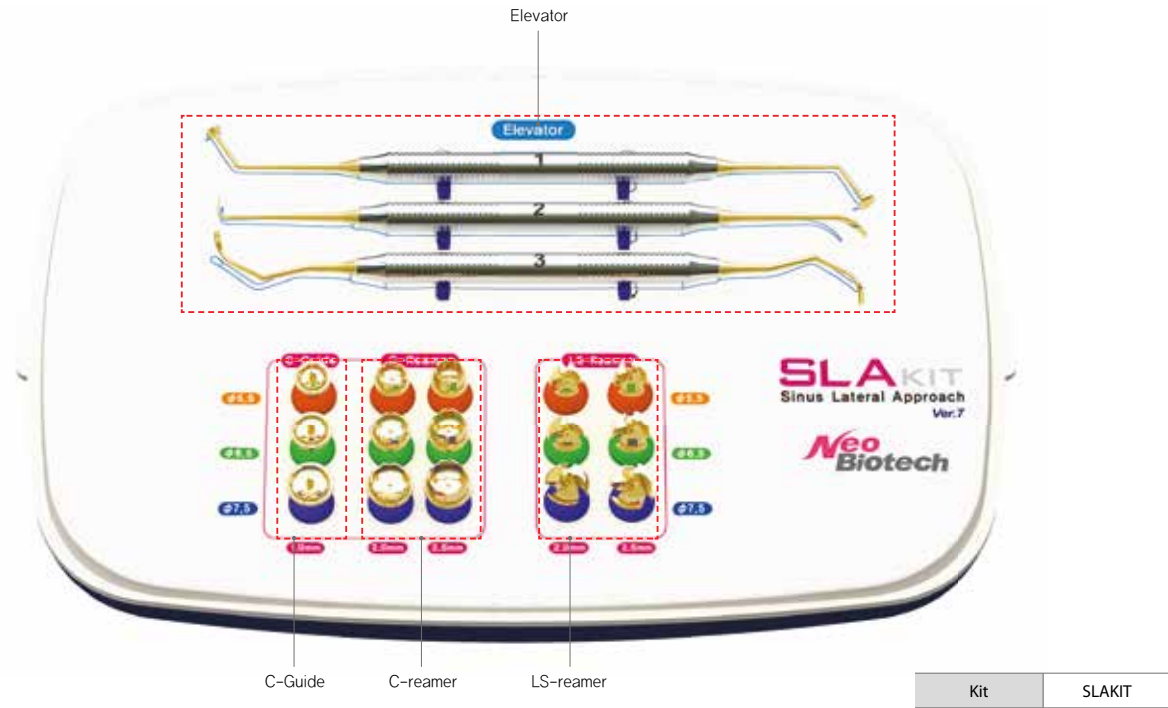
⑧

Final Drilling & Implantation

- Do a Final Drilling.
- Based on the density of Crestal cortical bone, the Countersink should be done (Except IT Type of Fixture). Generally, it should be done for D1-D2 bone. But, in case of below of D3 bone, it is Okay to skip according to the decision of dentist.
- After finishing a whole of drilling, do a implantation.

SLA Kit (Sinus Lateral Approach Kit)

Lateral window technique is the formation of the access to the maxillary sinus through its lateral wall. The process tool is simpler and much comfortable than any other techniques. Above all, this surgical kit provides ultimate solutions for the cases of only having with a thin residual bone height which is difficult to approach with a crestal technique, membrane rupture by a sinus crestal approach or placing a multiple implants. In addition, SLA reamers can be easily adapted for the case of formation of minimum flap size on the inferior wall.



• LS-reamer



Length(mm)	2.0	2.0	2.0	3.5	3.5	3.5
Diameter	Ø5.5	Ø6.5	Ø7.5	Ø5.5	Ø6.5	Ø7.5
Product name	LS520	LS620	LS720	LS535	LS635	LS735

* SPEED - 1:1 contra angle -5,000RPM / 1:20 contra angle-2,000RPM

SLA Kit (Sinus Lateral Approach Kit)

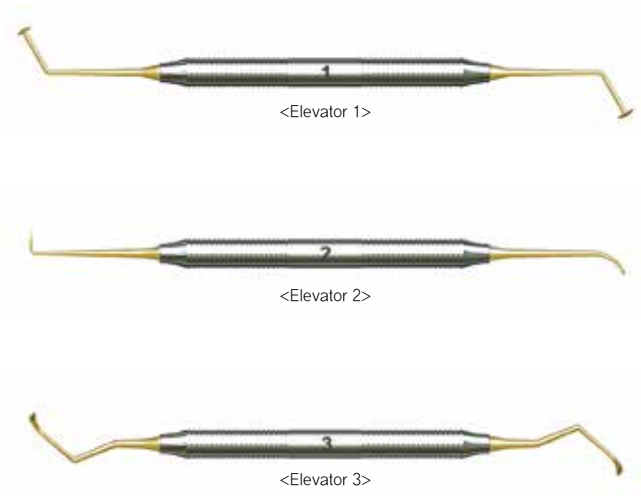
- C-Reamer & C-Guide Reamer



Length(mm)	1.0	1.0	1.0	2.0	2.0	2.0	3.5	3.5	3.5
Diameter	Ø5.5	Ø6.5	Ø7.5	Ø5.5	Ø6.5	Ø7.5	Ø5.5	Ø6.5	Ø7.5
Product name	SCG510	SCG610	SCG710	LC520	LC620	LC720	LC535	LC635	LC735

* SPEED - 1:1 contra angle - 5,000RPM / 1:20 contra angle - 2,000RPM

- Sinus Elevator



Product name	SLE05
--------------	-------

Product name	SLE02
--------------	-------

Product name	SLE03
--------------	-------

SLA Kit (Sinus Lateral Approach Kit)

• Sinus Lateral Approach Kit Technique Guide



1

Flap

- Open the soft tissue.



2

LS-Reamer

- Make a lateral hole with the LSreamer.
- Keep the drill upright and maintain a steady drilling motion; Both sides of the LS-reamer blade should be in contact with the bone while drilling.
- Continue drilling.
- Speed : 2,000rpm
- NOTE : C-Reamer can be used instead of the LS-Reamer if you wish to save a circular bone core disk from the lateral wall.



3

Bone Disk

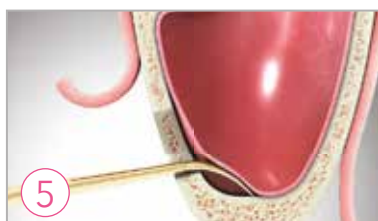
- The LS reamer will leave a thin bone disk.



4

Detach sinus membrane

- #1 elevator is used to initiate detachment of the membrane in the mesial-distal area.



5

Elevate sinus membrane

- #2 elevator is used for detaching the membrane in the inferior area.
- #3 elevator is used for the anterior and posterior areas.



6

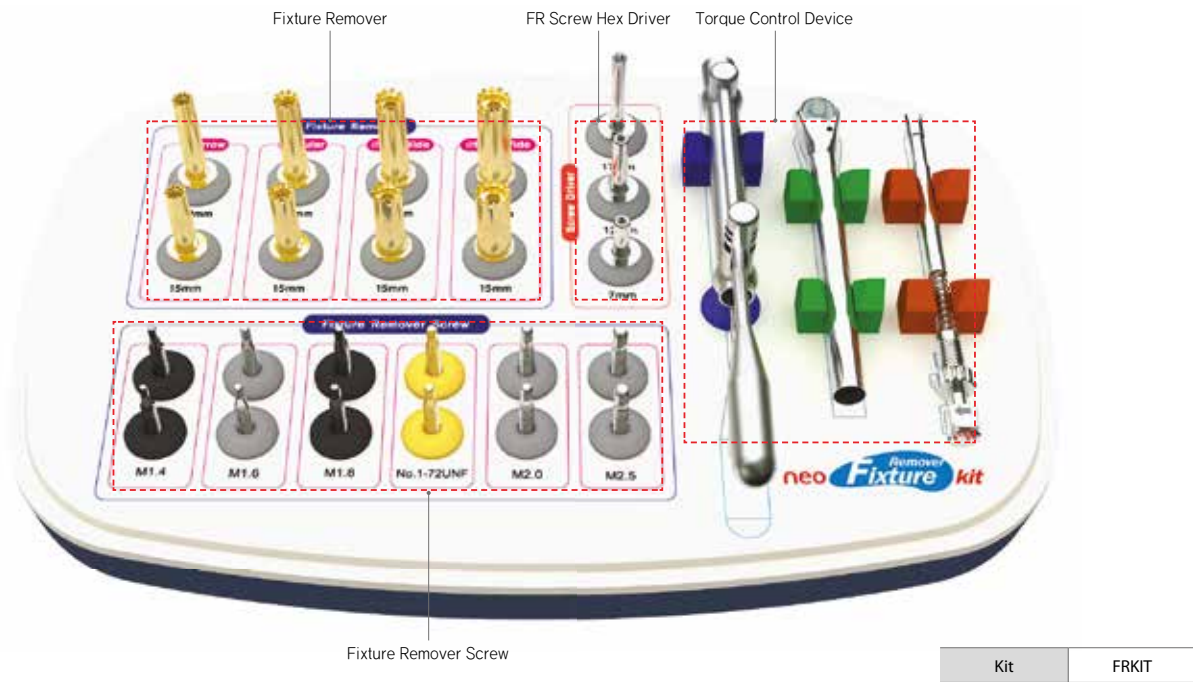
Bone graft

- Place bone graft material.
- Cover the lateral hole with a collagen membrane.
- Suture the soft tissue.



FR Kit (Fixture Remover Kit)

This product is a surgical tool designed to remove implants that were stopped during the implantation due to torque or implants whose surrounding bones have been damaged. After removing the implant, a new implant with the same diameter can be immediately implanted.



Kit	FRKIT
-----	-------

• Fixture Remover Screw

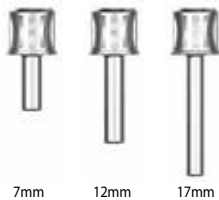


Screw size	Product Name	Recommended Torque (Ncm)
M1.4	FRS14	60
M1.6	FRS16	80
M1.8	FRS18	80
1-72UNF	FRS172	80
M2.0	FRS20	80
M2.5	FRS25	80

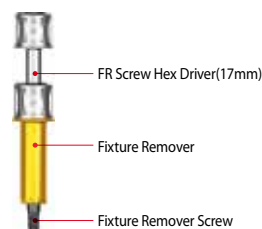


* "M" means a metric screw, and the number stands for the size of the external diameter of the screw

• FR Screw Hex Driver



Length	Product name
7mm	HDF1607
12mm	HDF1612
17mm	HDF1617



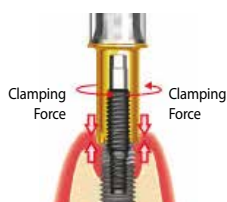
FR Kit (Fixture Remover Kit)

• Fixture Remover



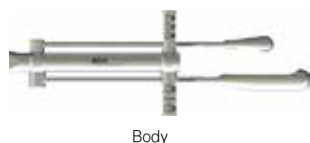
Type	Length	Product name
Narrow	15mm	FR315
	20mm	FR320
Regular	15mm	FR415
	20mm	FR420
Wide(Ø5)	15mm	FR515
	20mm	FR520
Wide(Ø6~8)	15mm	FR615
	20mm	FR620

• Fixture removing Torque



Fixture size	Remover	Screw	Maximum Torque (Ncm)
Narrow	FR315 or FR320	FRS14	200
		FRS16	250
		FRS18/FRS172	300
		FRS20	350
Regular	FR315 or FR320	FRS18/FRS172	300
		FRS20	350
	FR415 or FR420	FRS18/FRS172	300
		FRS20	350
Wide(Ø5)	FR415 or FR420	FRS20	350
		FRS25	400
	FR515 or FR520	FRS20	350
		FRS25	400
Wide(Ø6~8)	FR515 or FR520	FRS20	350
		FRS25	400
	FR615 or FR620	FRS20	350
		FRS25	400

• Torque Control Device



Body



Slider

Type	Product name
Body	TW80400
Slider	FRCHT

FR Kit (Fixture Remover Kit)

- Fixture Remover Kit Technique Guide



Failed implant

- Completely remove the prosthesis of the implant that needs to be removed.



Fixture Remover Screw

- Select an appropriate size of Fixture Remover Screw
- Connect the Fixture Remover Screw to the FR Screw Hex Driver and tighten it clockwise.



Fixture Remover

- Select an appropriate size of Fixture Remover
- Connect the selected Fixture Remover and tighten it counterclockwise until it is completely tightened to the Fixture Remover Screw that is fixed in the implant.
- Using a Torque Wrench, further apply torque to the Fixture Remover (counterclockwise) until the implant is finally unscrewed from the site.

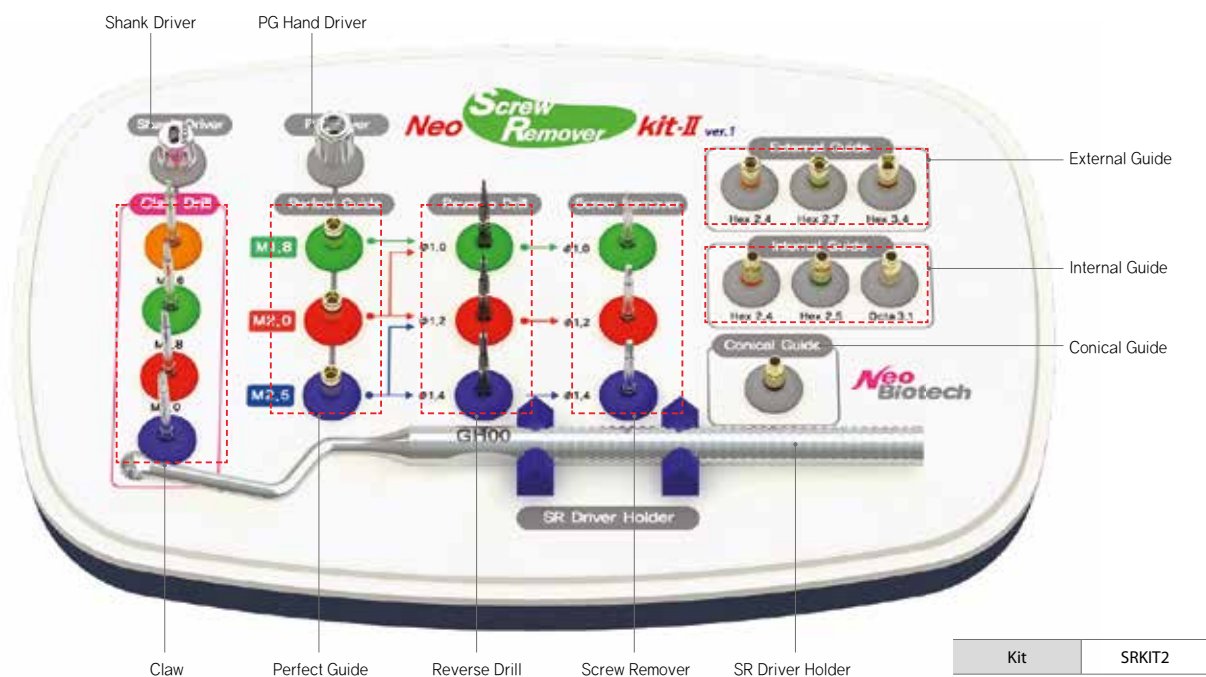


Clear

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SR Kit (Screw Remover Kit)

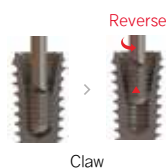
This product is a surgical tool developed in order safely and quickly to remove screws that have become fractured inside an implanted Fixture for various reasons. After removing the Screw, a new Abutment may be connected to the Fixture.



• Claw



Fractured Screw size	Product name
M1.6	CD16
M1.8	CD18
M2.0	CD20
M2.5	CD25



* 80rpm

• Reverse Drill



Fractured Screw size	Diameter	Product name
M1.8	Ø1.0	RCD10
M2.0	Ø1.2	RCD12
M2.5	Ø1.4	RCD14

* For M1.6 Size Screw, use the claw for removal/2,000 rpm

SR Kit (Screw Remover Kit)

• Screw Remover



Fractured Screw size	Diameter	Product name
M1.8	Ø1.0	SR10
M2.0	Ø1.2	SR12
M2.5	Ø1.4	SR14

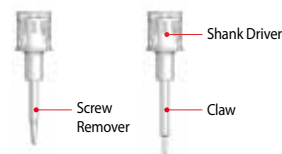
* At or below 80 rpm



• Shank Driver



Applicable Products	Standard	Product Name
Screw Remover (SR10, SR12, SR14)	for Hand or Ratchet	SHD00



• Perfect Guide & PG Hand Driver

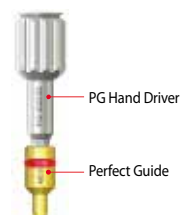


Perfect Guide

Applicable Revers Drill	Fractured Screw size	Diameter (Ø)	Product Name
RCD10	M1.8	Ø1.0	PG1018
RCD10, RCD12	M1.8, M2.0	Ø1.2	PG1220
RCD12, RCD14	M2.0, M2.5	Ø1.4	PG1425

PG Hand Driver

Applicable Products	Standard	Product Name
Screw Remover (PG1018, PG1220, PG1425)	2.5Hex	PGHD25SS



SR Kit (Screw Remover Kit)

- Conical, Internal, External Guide



Conical Guide

Applicable Products	Standard	Product Name
Having 11° / 8° Internal Fixture	11° / 8°	CG00



Internal Guide

Applicable fixture	Standard	Product Name
Having 2.4Hex Internal Connection Fixture	2.4Hex	IHG24
M2.0 Having 2.5Hex Internal Connection Fixture	2.5Hex	IHG25
Having 3.1Octa Internal Connection Fixture	3.1Octa	IOG31



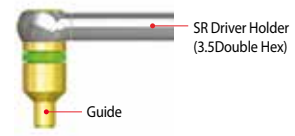
External Guide

Applicable fixture	Standard	Product Name
Having 2.4Hex External Connection Fixture	2.4Hex	EHG24
Having 2.7Hex External Connection Fixture	2.7Hex	EHG27
Having 3.4Hex External Connection Fixture	3.4Hex	EHG34

- SR Driver Holder



Applicable Products	Standard	Product Name
Conical Guide : CG00	2.4Hex	GH00
Internal Guide : IHG24, IHG25, IOG31		
External Guide : EHG24, EHG27, EHG34		



SR Kit (Screw Remover Kit)

• Screw Remover Kit Technique Guide



1
Fractured screw



2
Perfect Guide

- Select an appropriate size of Perfect Guide
- By using the PG Hand Driver, tighten the Perfect Guide to the Fixture in a clockwise direction until it touches the screw inside the fixture.



3
Reverse Drill

- Select an appropriate size of Reverse Drill and connect it to the contra angle of the surgical engine.
- Insert the Reverse Drill into the Perfect Guide attached on the fixture.
- By drilling counterclockwise at a speed of approximately 2000rpm, drill 1~2mm into the surface of the fractured screw.
- Check the marking line (in 1mm intervals) of the Drill body while drilling with adequate irrigation.



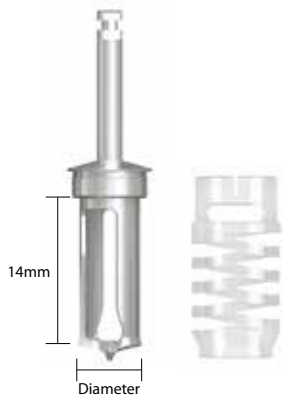
4
Screw RemoverClear

- Remove the Perfect guide connected to the Fixture
- Select a Screw Remover that fits to the hole created by the Reverse Drill.
- Connect the Screw Remover to the contra angle of surgical engine and drill slowly (less than 80rpm) while pressing down with enough force to remove the fractured screw.

ACM (Auto Chip Maker)

ACM is an instrument to collect autograft bone from mandibular molars or incisor for GBR in defected area.

• Auto Chip Maker



Diameter(Ø)	Product name
Ø4.0	NACM40ISETS
Ø4.5	NACM45ISETS
Ø5.0	NACM50ISETS

※ ACM Stopper 7ea Included

• Auto Chip Maker Technique Guide



Stopper

- Connect the stopper to the sterilized ACM drill.



Locate the ACM

- Select the most suitable place to collect autograft bone.
- Position the ACM Drill where the autograft bone will be collected.



Drilling

- To prevent slipping of the ACM drill, slightly tilt the drill left and right until the drill stably positions itself. (80rpm / Non-irrigation recommended)
- In order to collect high quality autograft bone, drill only 3~4mm deep from one site, and move on to a different site to continue drilling.





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IMPLANT SYSTEM

See instruction for Use for Full prescribing information, including indications, contraindications, warnings and precautions. Some products may not be released on market.

NeoBiotech Implant System

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