

Neobiotech  
**IMPLANT SYSTEM**



IMPLANT SYSTEM



# Contents

## IS Implant System

Neobiotch Product Line Up	4
IS Implant System Chart	7
IS-II active	8
IS-II active Fixture (S.L.A. Surface)	10
IS-III active	12
IS-III active Fixture (S.L.A. Surface)	13
IS Healing Abutment	14
IS Prosthetic Flow Chart (Abutment)	16
IS Transfer Impression Coping	17
IS Pick-up Impression Coping	18
IS Lab Analog	19
IS PickCap Impression Coping	20
Neo PickCap Impression Kit	21
IS Temporary Abutment	22
Case Report	23
IS Cemented Abutment	24
IS Shapable Abutment	26
SCRIP Type Abutment	27
IS Angled Abutment	28
IS UCLA Abutment	30
IS Prosthetic Flow Chart (Multi Unit Abutment)	31
IS Multi Unit Abutment	32
Case Report	34
IS Ball Abutment	35
Neobiotch Equator	37
Digital Solutions	38

## IT Implant System

IT Implant System Chart	43
IT-III active	44
IT-III active Fixture (S.L.A. Surface)	45
IT Healing Abutment	46
IT Prosthetic Flow Chart (Abutment)	46
IT Transfer Impression Coping	47
IT Pick-up Impression Coping	47
IT Lab Analog	47
IT Cemented Abutment	48
IT Angled Abutment	49
IT Collared Angled Abutment	50
IT UCLA Abutment	50
Case Report	51

## Neobiotch Surgical Kit

Neo Master Kit	53
Neo Master Kit Components	54
Neo Master Kit - Drilling Sequence	58
Neo NaviGuide Kit	59
Surgical Guide Sleeve	59
Ridge Wider Kit	60
Neo Surgical Accessory Kit	60

## Neobiotch Prosthetic Kit

Neo Prosthetic Kit	61
Neo Prosthetic Planning Kit	61

## Neobiotch Solution System

SCA Kit	63
SLA Kit	63
FR Kit	65
SR Kit	68
ACM	72
Peri-implantitis Solution	73
AnyCheck	74



# Product Line Up

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

## Implant System



IS System



IT System



Neo Master Kit



Core Kit



S-narrow Kit



Neo NaviGuide Kit



Ridge Wider Kit



Accessory Kit



Prosthetic Kit



Neo Prosthetic Planning Kit

This catalog contains information of Neobiotech implant system only. To get information of other solution system, Please refer to Neo Solution catalogs.

**Sinus Lift Solution**



SCA Kit  
(Sinus Crestal Approach Kit)



SLA Kit  
(Sinus Lateral Approach Kit)

**Repair Solution**



FR Kit  
(Fixture Remover Kit)



SR Kit  
(Screw Remover Kit)

**GBR Solution**



ACM  
(Auto Chip Maker)

**Peri-implantitis Solution**



i Brush  
(Implant Brush)



iBrush2



R - Brush






























Neobiotech

# IS IMPLANT SYSTEM

IS-II active / IS-III active

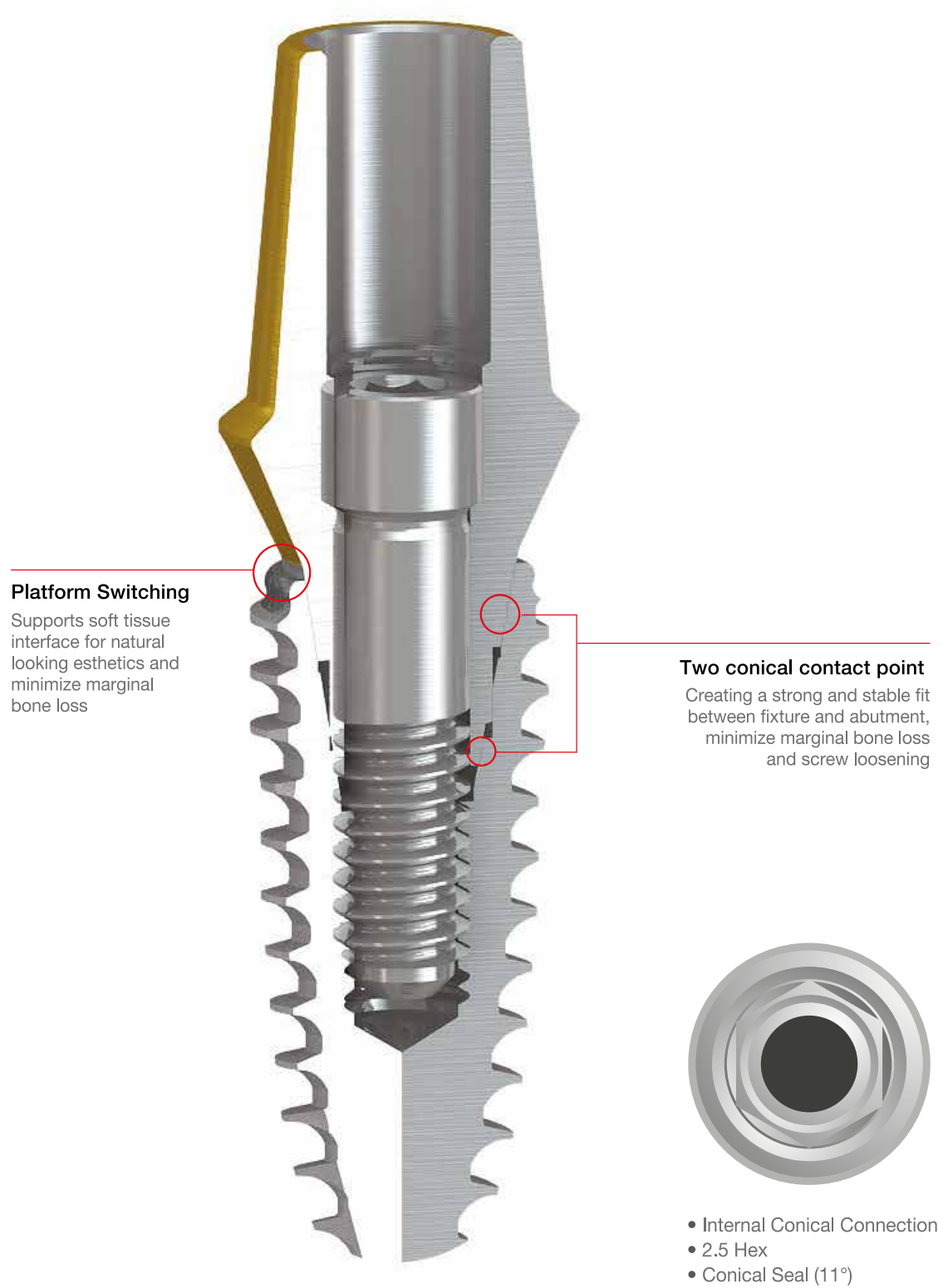
# IS Implant System Chart

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

# IS-II active







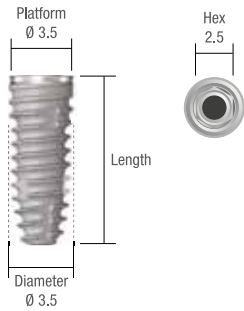
# IS-II active Fixture (S.L.A. Surface)

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

• Cover Screw included

Narrow / All 7.3mm Fixtures : ISN30S

Regular / Wide / S-Wide : ISC40S

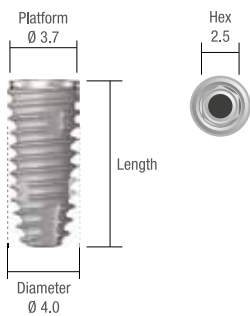


## • Narrow / Diameter Ø 3.5



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

\* Cover Screw Included

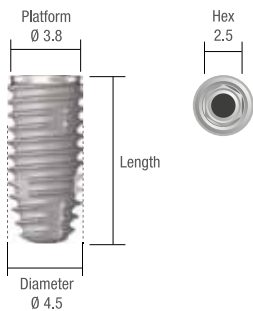


## • Regular / Diameter Ø 4.0



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

\* Cover Screw Included

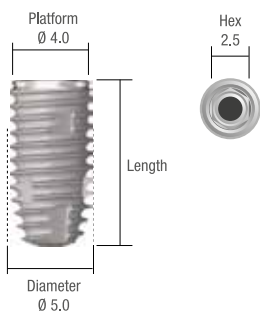


## • Regular / Diameter Ø 4.5



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

\* Cover Screw Included



## • 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

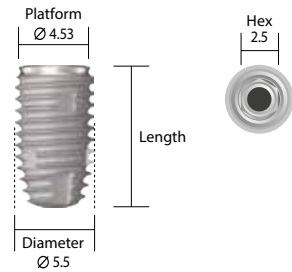
\* Cover Screw Included

\*\* 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.

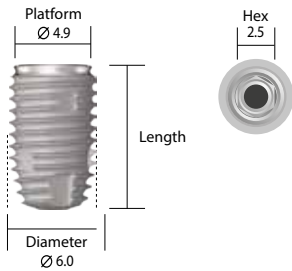
• Cover Screw included



## • S-Wide / Diameter Ø5.5



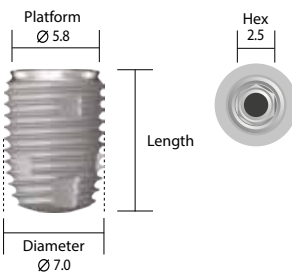
Length(mm)	7.3	7.3	7.3	8.5	10.0	11.5	13.0
Product name	BIS5505A	BIS5506A	BIS5507A	BIS5508A	BIS5510A	BIS5511A	BIS5513A



## • S-Wide / Diameter Ø6.0



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



## • S-Wide / Diameter Ø7.0

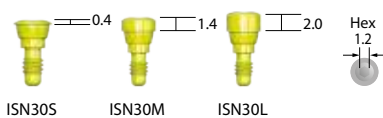


Length(mm)	7.3	8.5	10.0	11.5	13.0
Product name	BIS7007A	BIS7008A	BIS7010A	BIS7011A	BIS7013A

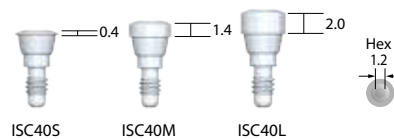
Requires S-Wide surgical kit for diameter Ø5.5 ~ Ø7.0 fixture  
All measurements can be different with the actual size

## Cover Screw

### Narrow / All 7.3mm Fixtures



### Regular / Wide / S-Wide



# IS-III active

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

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

**0.9 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°

## Cover Screw

S-Narrow

Narrow

Regular / Wide



ISC25S\*

ISN30S

ISN30M

ISN30L

ISC40S

ISC40M

ISC40L

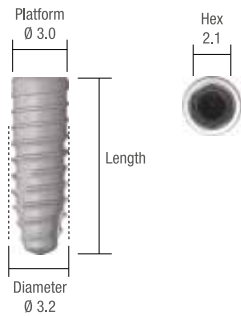
\* This component is only for S-narrow fixture.

# 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 Included Fixture product code  
 fixture product code (ex : IS34010A)  
 S-narrow : ISC25S / Narrow : ISN30S  
 Regular / Wide / S-Wide : ISC40S

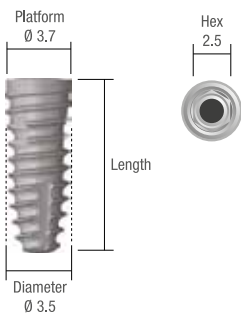
- Cover Screw Excluded Fixture product code  
 fixture product code (ex : IS34010AP)



## S-Narrow / Diameter Ø 3.2



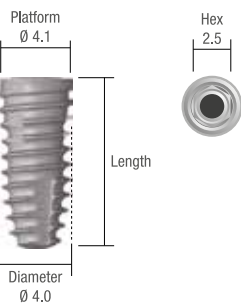
Length (mm)	8.5	10.0	11.5	13.0
Product name	IS3SN3008AP	IS3SN3010AP	IS3SN3011AP	IS3SN3013AP



## Narrow / Diameter Ø 3.5



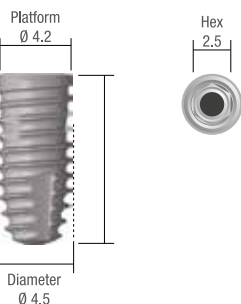
Length (mm)	8.5	10.0	11.5	13.0
Product name	IS33508A	IS33510A	IS33511A	IS33513A



## Regular / Diameter Ø 4.0



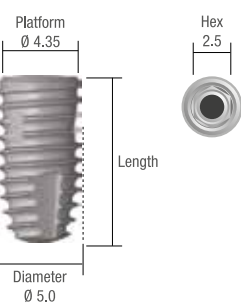
Length (mm)	7.3	8.5	10.0	11.5	13.0
Product name	IS34007A	IS34008A	IS34010A	IS34011A	IS34013A



## Regular / Diameter Ø 4.5



Length (mm)	7.3	8.5	10.0	11.5	13.0
Product name	IS34507A	IS34508A	IS34510A	IS34511A	IS34513A



## Wide / Diameter Ø 5.0



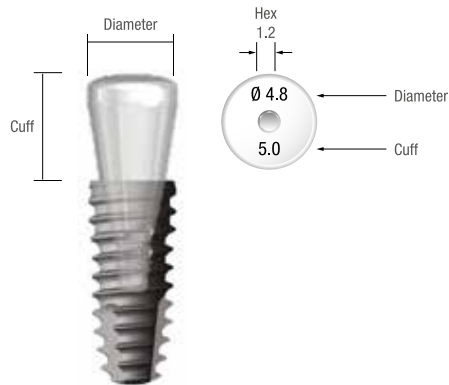
Length (mm)	6.6	7.3	8.5	10.0	11.5	13.0
Product name	IS35006A	IS35007A	IS35008A	IS35010A	IS35011A	IS35013A

\*\* All measurements can be different with the actual size

# IS Healing Abutment

Temporary restorations for contouring of the soft tissue

- Tightening torque : 8~10 Ncm



## • Diameter Ø 3.0



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

\* These components are only for S-narrow fixture.

## • Diameter Ø 3.8



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

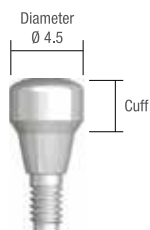
\* These components are only for S-narrow fixture.

## • Diameter Ø 4.0



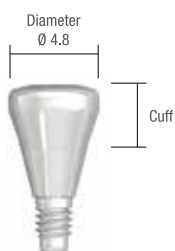
Cuff (mm)	2.0	3.0	4.0	5.0	6.0
Product name	ISUH4002	ISUH4003	ISUH4004	ISUH4005	ISUH4006

## • Diameter Ø 4.5



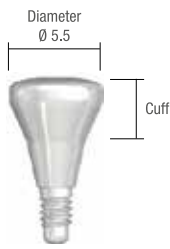
Cuff (mm)	2.0	3.0	4.0	5.0	6.0
Product name	ISUH4502	ISUH4503	ISUH4504	ISUH4505	ISUH4506

## • Diameter Ø 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 Ø 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 Ø 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 Ø 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 Ø 8.0



Cuff (mm)	2.0	3.0	4.0	5.0	6.0	7.0
Product name	ISH802	ISH803	ISH804	ISH805	ISH806	ISH807

※ Ø 8.0, Ø 9.0 Healing Abutments are for Custom Abutment



• Diameter Ø 9.0

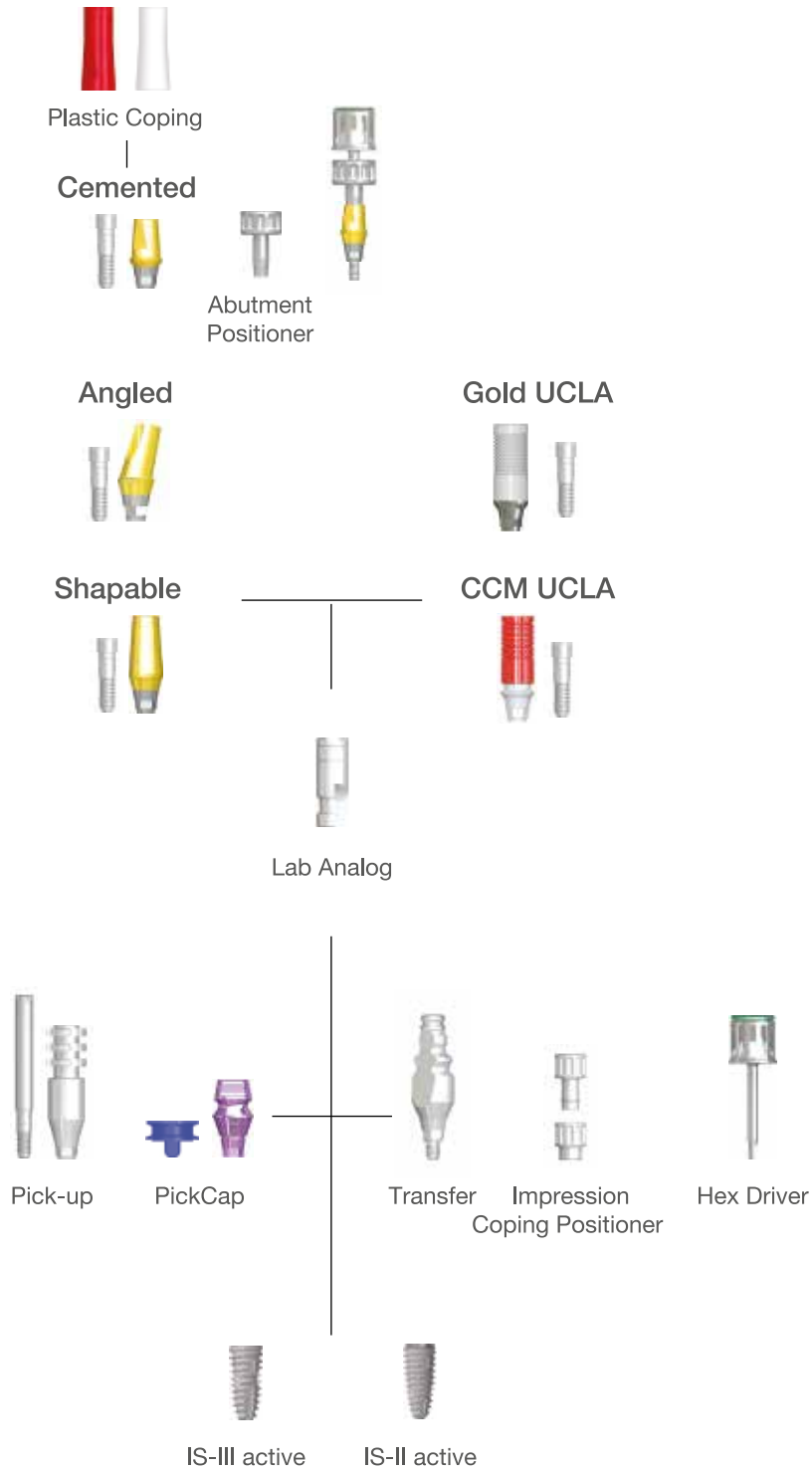


Cuff (mm)	2.0	3.0	4.0
Product name	ISH902	ISH903	ISH904

※ Ø 8.0, Ø 9.0 Healing Abutments are for Custom Abutment

# Prosthetic Flow Chart

## - IS Abutment



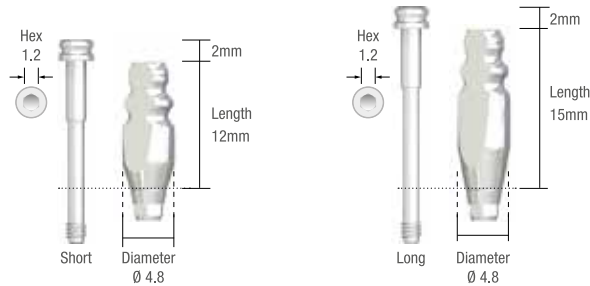

**Note.** When abutments are connected to Narrow Fixture(Ø3.5) or Short Fixture(7.3mm), the total height of abutment is 0.4mm higher than Regular-Wide cases. ( IS-II active )

When abutments are connected to Narrow Fixture(Ø3.5), the total height of abutment is 0.4mm higher than Regular-Wide cases. (IS-III active)



# IS Transfer Impression Coping

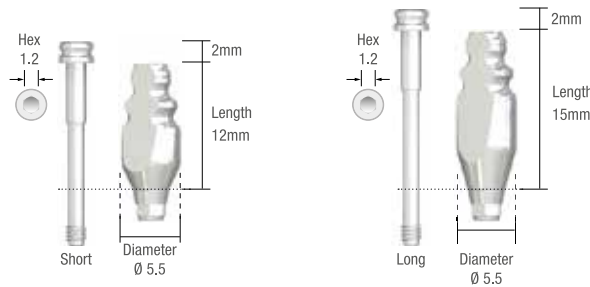
• Diameter Ø 4.8

Type	Hex	Non-Hex
Short	ISITH411	ISITN411
Long	ISITHL411	ISITNL411

\* Impression coping Screw included (Short - ISTIS20, Long - ISTISL20)

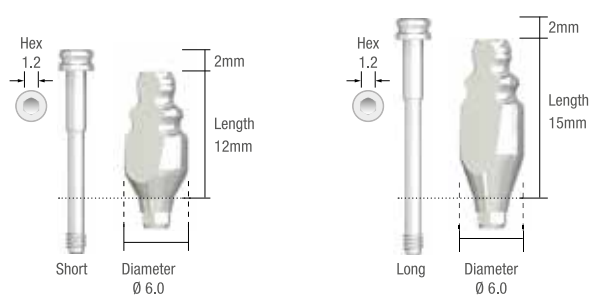

• Diameter Ø 5.5




Type	Hex	Non-Hex
Short	ISITH511	ISITN511
Long	ISITHL511	ISITNL511

\* Impression coping Screw included (Short - ISTIS20, Long - ISTISL20)

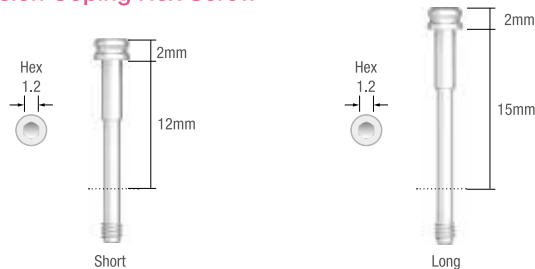
• Diameter Ø 6.0

Type	Hex	Non-Hex
Short	ISITH611	ISITN611
Long	ISITHL611	ISITNL611

\* Impression coping Screw included (Short - ISTIS20, Long - ISTISL20)

• Impression Coping Hex Screw



Short	ISTIS20H
Long	ISTISL20H

# IS Transfer Impression Coping Positioner

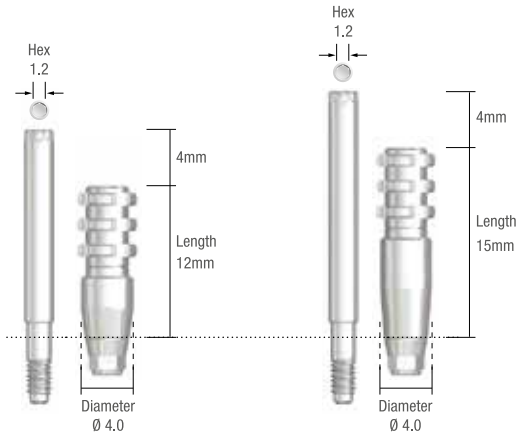


Product name	FDHSET01
--------------	----------

\* Connected to transfer impression coping

# IS Pick-up Impression Coping

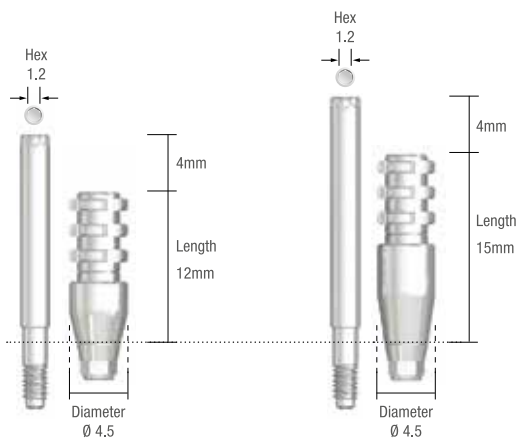
• Diameter Ø 4.0



Type	Hex	SCRIP®	Non-Hex
Short	ISIPH400	ISIPS400	ISIPN400
Long	ISIPHL400	ISIPSL400	ISIPNL400

\* Impression coping Screw included (Medium - ISPIS20)

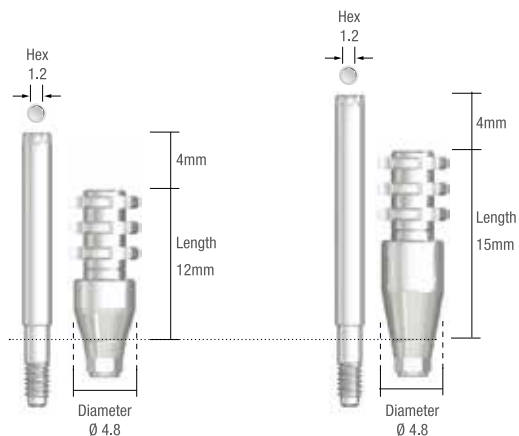
• Diameter Ø 4.5



Type	Hex	SCRIP®	Non-Hex
Short	ISIPH450	ISIPS450	ISIPN450
Long	ISIPHL450	ISIPSL450	ISIPNL450

\* Impression coping Screw included (Medium - ISPIS20)

• Diameter Ø 4.8

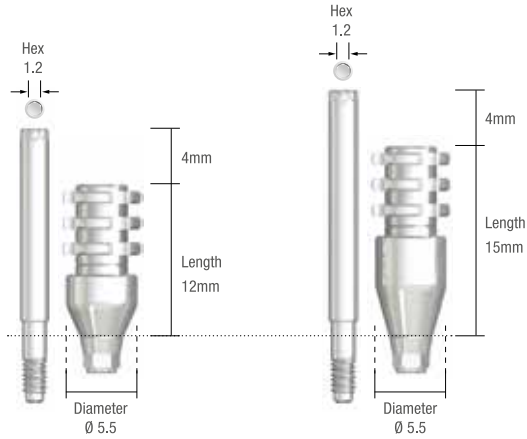


Type	Hex	SCRIP®	Non-Hex
Short	ISIPH411	ISIPS411	ISIPN411
Long	ISIPHL411	ISIPSL411	ISIPNL411

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

# IS Pick-up Impression Coping

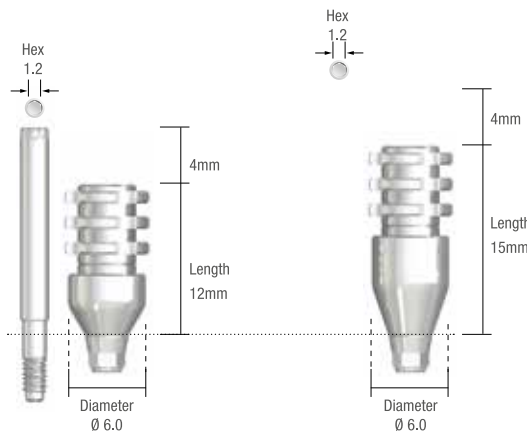
• Diameter Ø 5.5



Type	Hex	SCRIP®	Non-Hex
Short	ISIPH511	ISIPS511	ISIPN511
Long	ISIPHL511	ISIPSL511	ISIPNL511

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

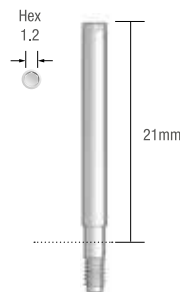
• Diameter Ø 6.0



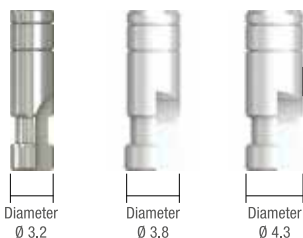
Type	Hex	SCRIP®	Non-Hex
Medium	ISIPH611	ISIPS611	ISIPN611
Long	ISIPHL611	ISIPSL611	ISIPNL611

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

• Impression Coping Screw



X-Long	ISPIS20L
--------	----------



- \* ISLA300 : S-Narrow (Ø3.2)
- \* ISLA400 : Narrow (Ø3.5), All 7.3mm Fixtures
- \* ISLA500 : Regular, Wide Fixture

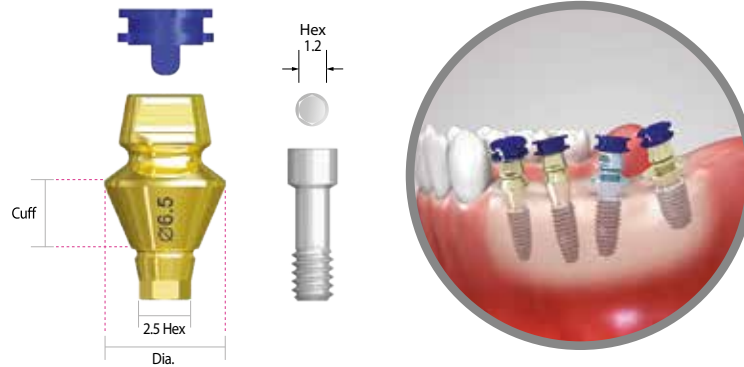
## IS Lab Analog



Diameter	3.2	3.8	4.3
Product name	ISLA300	ISLA400	ISLA500

# 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
--------------	-------

• Neo PickCap Impression Mini Kit Tray



Product name	PCIKITB
--------------	---------

• Neo PickCap Impression Mini Kit Cover

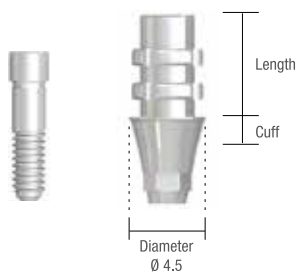


Product name	KTC
--------------	-----

# IS Temporary Abutment

Customizable titanium abutment for temporary crown and bridges

- Abutment Screw (ISCS20) included, Tightening torque : 30 Ncm



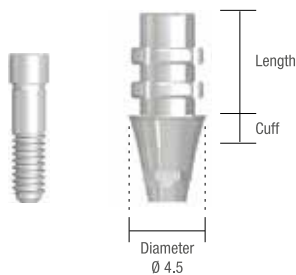
## Hex Type



Diameter	Ø 3.2	Ø 4.5		
Cuff	1.0	2.0	2.0	1.5
Length (mm)	11.5	6.0	8.0	13.0
Product name	ISAHT300 *	ISAHT460	ISAHT480	ISAHT4130

\* This component is only for S-narrow fixture.

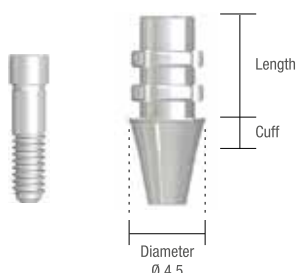
\* ISCS16S : S-Narrow(Ø3.2)



## SCRP® Type



Diameter	Ø 4.5		
Cuff	2.0	2.0	-
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	1.5	
Length (mm)	11.5	6.0	8.0	13.0	
Product name	Ø 4.5	ISANT300 *	ISANT460	ISANT480	ISANT4130

\* This component is only for S-narrow fixture.

\* ISCS16S : S-Narrow (Ø3.2)

## Case Report



Inserimento di 2 impianti post- estrattivi Neobiotech 4x11,5 e 3,5x11,5 in zona 46-45



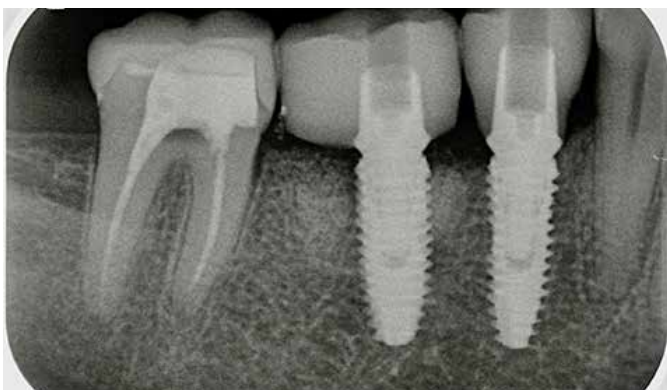
Guarigione dei tessuti molli e duri a 6 mesi



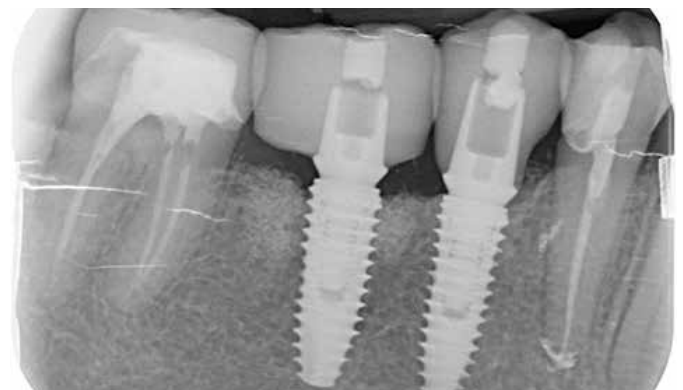
Realizzazione di 2 corone singole avvitate in disilicato di litio su 45-46 e su elemento naturale 47



Situazione clinica ad 8 anni dalla riabilitazione definitiva



RX di controllo ad 1 anno



RX di controllo ad 8 anni

*Immagine gentilmente concesse da: Dr Giuliano Garlini - Milano*

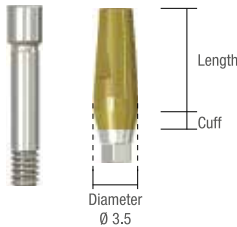
# IS Cemented Abutment (Hex Type)

Cementable or Screw-retained abutment for single tooth and bridges

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



• Diameter Ø 3.5



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

\* These components are only for S-narrow fixture.  
\* ISCS16S : S-Narrow(Ø3.2)

• Diameter Ø 4.5



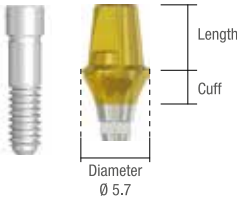
Cuff (mm)	1.0	2.0	3.0	4.0	5.0	
Length	4.0	ISAH4140	ISAH4240	ISAH4340	ISAH4440	ISAH4540
	5.5	ISAH415	ISAH425	ISAH435	ISAH445	ISAH455
	7.0	ISAH417	ISAH427	ISAH437	ISAH447	ISAH457

• Diameter Ø 5.2



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

• Diameter Ø 5.7



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

• Diameter Ø 6.5



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



# 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 fi xture platform)
- Abutment Screw (ISCS20) included, Tightening Torque : 30 Ncm



## • Diameter Ø 3.5

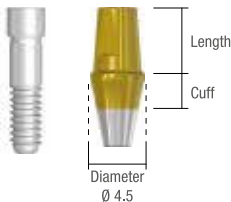


Cuff	3.0	4.0	5.0	7.0
Length	7.0 mm			
Product name	ISAN3537 *	ISAN3547 *	ISAN3557 *	ISAN3577 *

\* These components are only for S-narrow fixture.

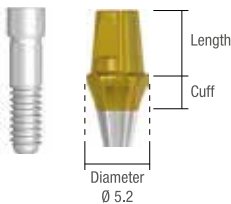
\* ISCS16S : S-Narrow(Ø3.2)

## • Diameter Ø 4.5



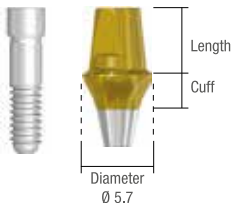
Cuff (mm)	1.0	2.0	3.0	4.0	5.0	
Length	4.0	ISAN4140	ISAN4240	ISAN4340	ISAN4440	ISAN4540
	5.5	ISAN415	ISAN425	ISAN435	ISAN445	ISAN455
	7.0	ISAN417	ISAN427	ISAN437	ISAN447	ISAN457

## • Diameter Ø 5.2



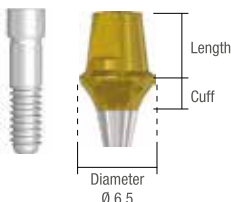
Cuff (mm)	1.0	2.0	3.0	4.0	5.0	
Length	4.0	ISAN5140	ISAN5240	ISAN5340	ISAN5440	ISAN5540
	5.5	ISAN515	ISAN525	ISAN535	ISAN545	ISAN555
	7.0	ISAN517	ISAN527	ISAN537	ISAN547	ISAN557

## • Diameter Ø 5.7



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

## • Diameter Ø 6.5

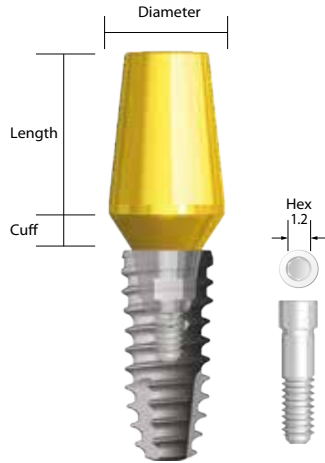


Cuff (mm)	1.0	2.0	3.0	4.0	5.0	
Length	4.0	ISAN7140	ISAN7240	ISAN7340	ISAN7440	ISAN7540
	5.5	ISAN715	ISAN725	ISAN735	ISAN745	ISAN755

# IS Shapable Abutment

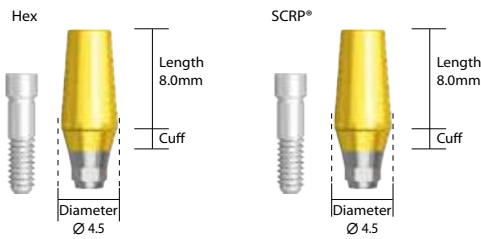
Customizable by grinding (need to remain at least 3mm of abutment length above fixture platform)

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



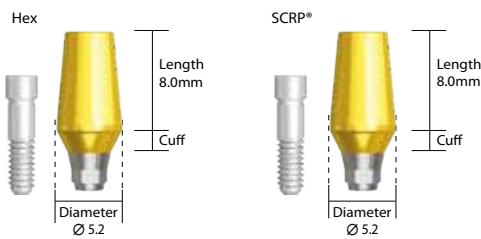
Narrow / Regular / Wide / S-wide

• Diameter Ø 4.5



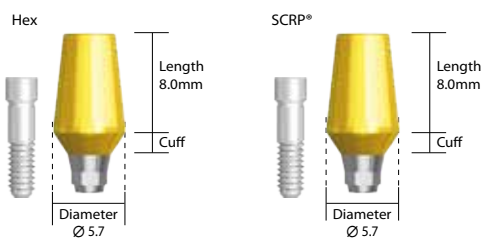
Cuff(mm)	2.0	4.0
Hex	ISSH428	ISSH448

• Diameter Ø 5.2



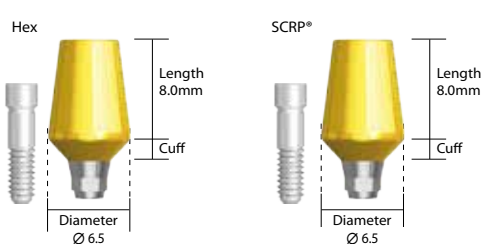
Cuff(mm)	2.0	4.0
Hex	ISSH528	ISSH548

• Diameter Ø 5.7



Cuff(mm)	2.0	4.0
Hex	ISSH628	ISSH648

• Diameter Ø 6.5

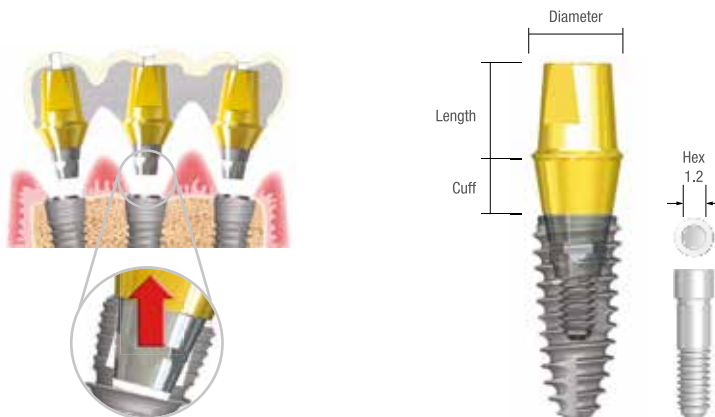


Cuff(mm)	2.0	4.0
Hex	ISSH728	ISSH748

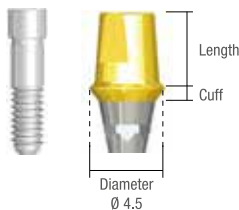
# IS Cemented Abutment (SCRIP® Type)

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

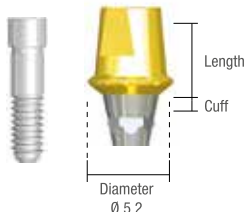


• Diameter Ø 4.5



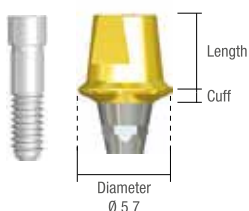
Cuff (mm)		1.0	2.0	3.0	4.0	5.0
Length	4.0	ISAS4140	ISAS4240	ISAS4340	ISAS4440	ISAS4540
	5.5	ISAS415	ISAS425	ISAS435	ISAS445	ISAS455
	7.0	ISAS417	ISAS427	ISAS437	ISAS447	ISAS457

• Diameter Ø 5.2



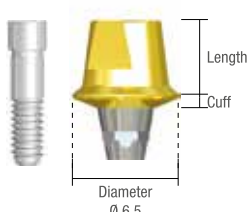
Cuff (mm)		1.0	2.0	3.0	4.0	5.0
Length	4.0	ISAS5140	ISAS5240	ISAS5340	ISAS5440	ISAS5540
	5.5	ISAS515	ISAS525	ISAS535	ISAS545	ISAS555
	7.0	ISAS517	ISAS527	ISAS537	ISAS547	ISAS557

• Diameter Ø 5.7



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

• Diameter Ø 6.5



Cuff (mm)		1.0	2.0	3.0	4.0	5.0
Length	4.0	ISAS7140	ISAS7240	ISAS7340	ISAS7440	ISAS7540
	5.5	ISAS715	ISAS725	ISAS735	ISAS745	ISAS755
	7.0	ISAS717	ISAS727	ISAS737	ISAS747	ISAS757

# IS 15° Angled Abutment

Customizable by grinding.

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

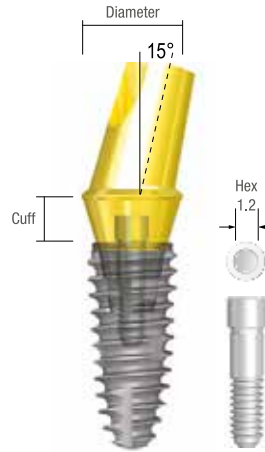
## A-Type

(Angle to the edge)



## B-Type

(Angle to the flat wall)



### • Diameter Ø 3.2



Type	
Cuff (mm)	3.0
A Type	ISAHA1739
B Type	ISAHB1739

\* These components are only for S-narrow fixture.

### • Diameter Ø 4.5

#### A-Type

(Angle to the edge)

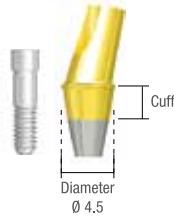


#### B-Type

(Angle to the flat wall)



#### Non-Hex

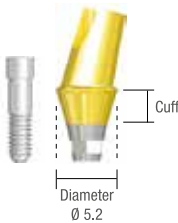


Cuff (mm)	2.0	3.0	4.0
A Type	ISAHA1427	ISAHA1437	ISAHA1447
B Type	ISAHB1427	ISAHB1437	ISAHB1447
Non-Hex	ISANA1427	ISANA1437	ISANA1447

### • Diameter Ø 5.2

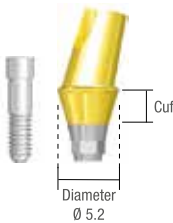
#### A-Type

(Angle to the edge)

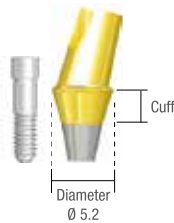


#### B-Type

(Angle to the flat wall)



#### Non-Hex

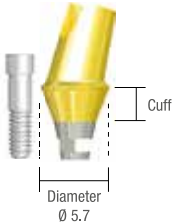


Cuff (mm)	2.0	3.0	4.0
A Type	ISAHA1527	ISAHA1537	ISAHA1547
B Type	ISAHB1527	ISAHB1527	ISAHB1527
Non-Hex	ISANA1527	ISANA1537	ISANA1547

### • Diameter Ø 5.7

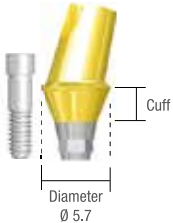
#### A-Type

(Angle to the edge)

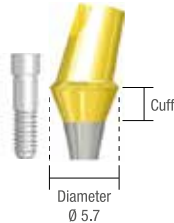


#### B-Type

(Angle to the flat wall)



#### Non-Hex



Cuff (mm)	2.0	3.0	4.0
A Type	ISAHA1627	ISAHA1637	ISAHA1647
B Type	ISAHB1627	ISAHB1637	ISAHB1547
Non-Hex	ISANA1627	ISANA1637	ISANA1647

# IS 25° Angled Abutment

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

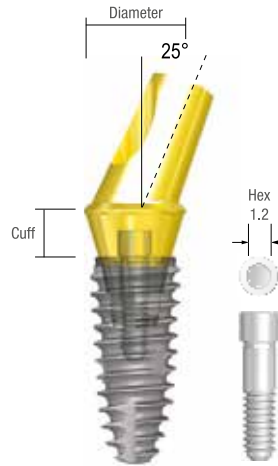
• Abutment Screw (ISCS20) included, Tightening Torque : 30 Ncm

**A-Type**

(Angle to the edge)

**B-Type**

(Angle to the flat wall)



• Diameter Ø 4.5

**A-Type**

(Angle to the edge)



**B-Type**

(Angle to the flat wall)



**Non-Hex**



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

• Diameter Ø 5.2

**A-Type**

(Angle to the edge)

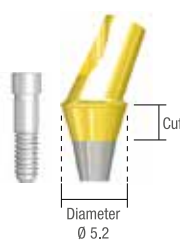


**B-Type**

(Angle to the flat wall)



**Non-Hex**



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

• Diameter Ø 5.7

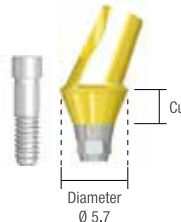
**A-Type**

(Angle to the edge)

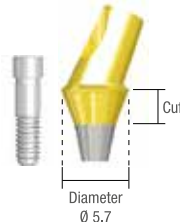


**B-Type**

(Angle to the flat wall)



**Non-Hex**

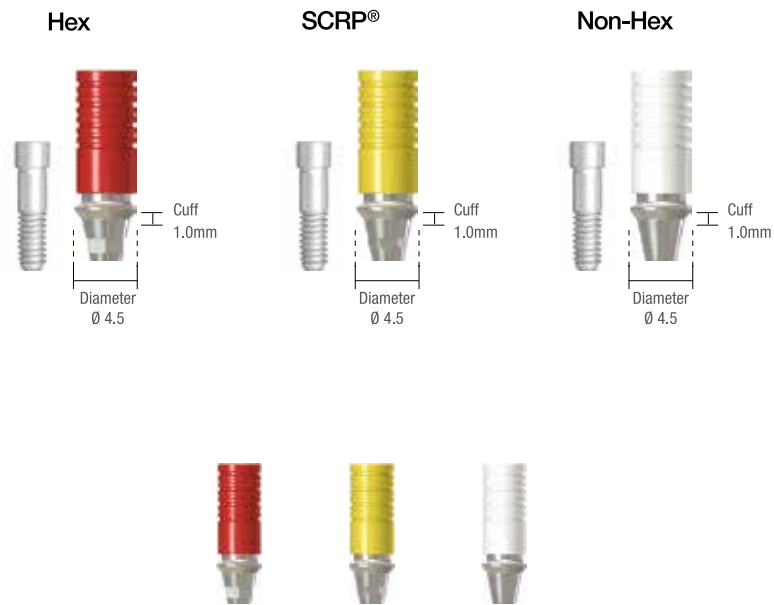
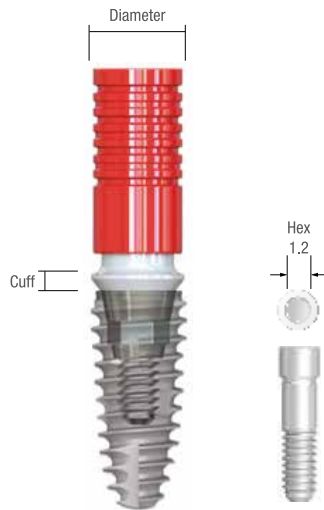


Cuff (mm)	2.0	3.0	4.0
A Type	ISAHA2627	ISAHA2637	ISAHA2647
B Type	ISAHB2627	ISAHB2637	ISAHB2647
Non-Hex	ISANA2627	ISANA2637	ISANA2647

# IS CCM UCLA Abutment

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

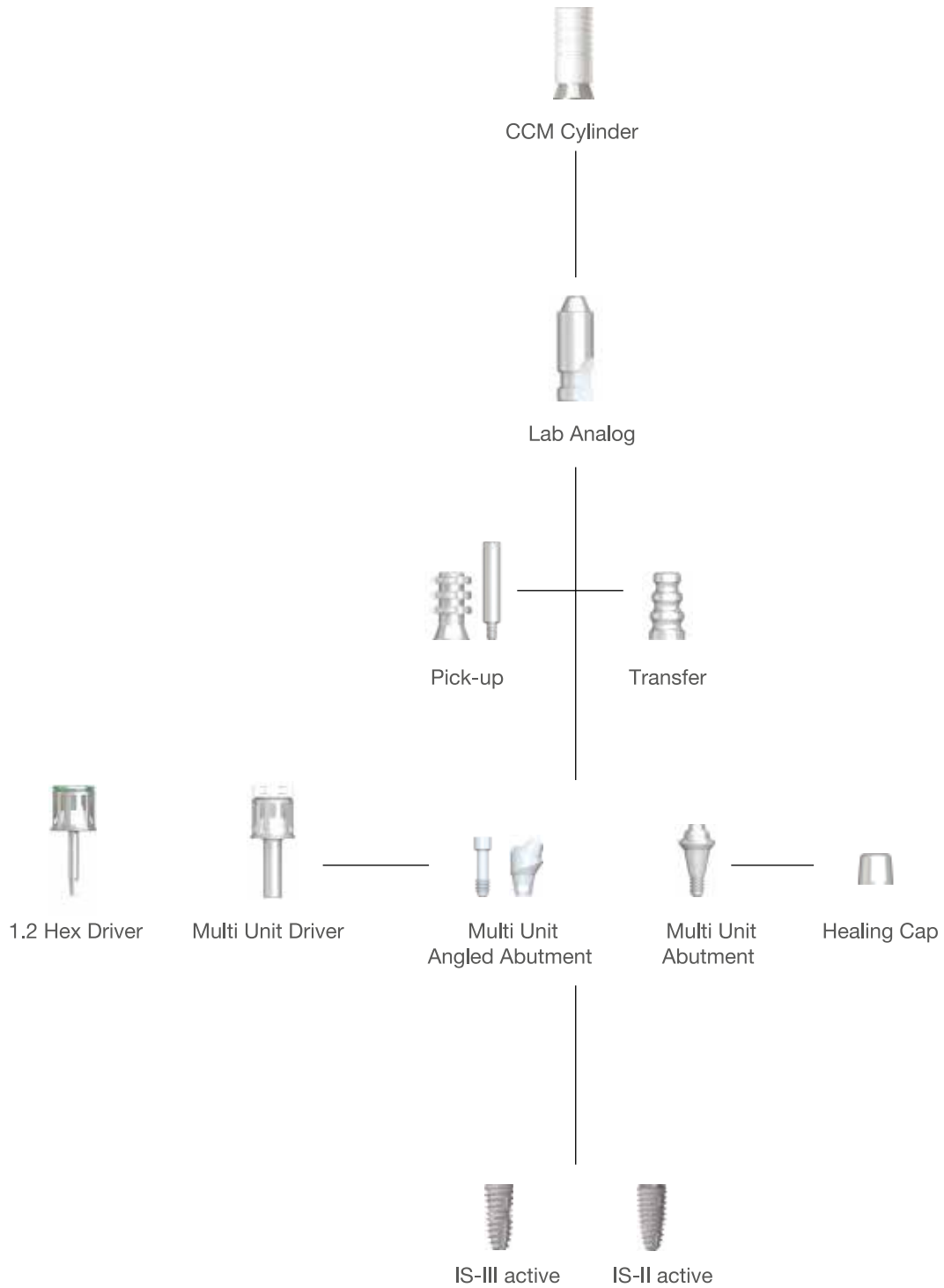
• Abutment Screw (ISCS20) included, Tightening Torque : 30 Ncm



Hex	SCRP®	Non-Hex
ISUCH400	ISUCS400	ISUCN400

# Prosthetic Flow Chart

## - IS Multi Unit Abutment



**Note.** When abutments are connected to Narrow Fixture(Ø3.5) or Short Fixture(7.3mm), the total height of abutment is 0.4mm higher than Regular-Wide cases. ( IS-II active )  
 When abutments are connected to Narrow Fixture(Ø3.5), the total height of abutment is 0.4mm higher than Regular-Wide cases. (IS-III active)

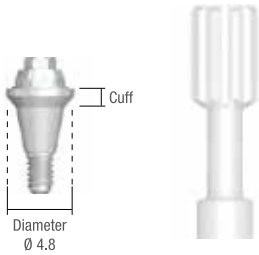
# IS Multi Unit Abutment

Screw-retained abutment for multiple or bridges

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



## Multi Unit Abutment



Cuff (mm)	1.0	2.0	3.0	4.0
Product name	ISMUA4810	ISMUA4820	ISMUA4830	ISMUA4840

\* Holder(MUAH48) Included

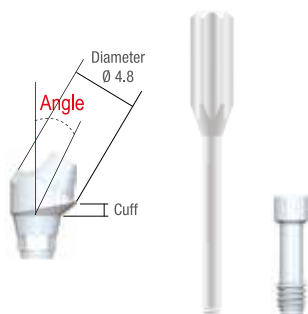
# IS Multi Unit Angled Abutment

Screw-retained abutment for multiple or bridges

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



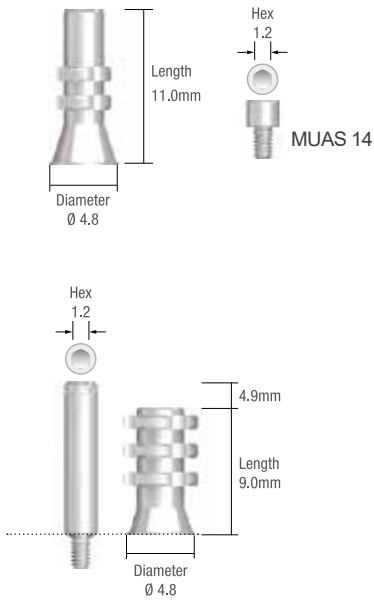
## Multi Unit Angled Abutment



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



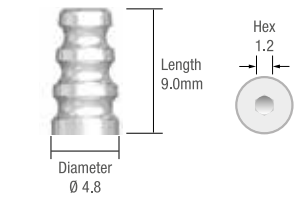


**Temporary Cylinder, Non-Hex**



Length(mm)	11.0
Product name	MUATPCN48

\* Cylinder Screw(MUAS 14) Included  
\* available separately



**Pick-up Impression Copping**



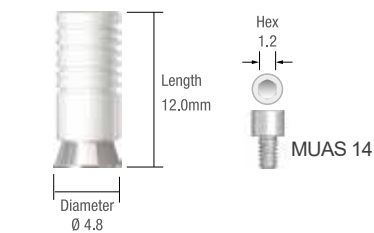
Length(mm)	9.0
Product name	MUAI48



**Transfer Impression Copping**



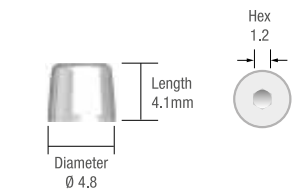
Length(mm)	9.0
Product name	MUAI48



**Lab Analog**



Product name	MUALA48
--------------	---------



**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

**1.2 Hex Driver**



Length (mm)	10mm	15mm
Product name	HD1210S	HD1215S

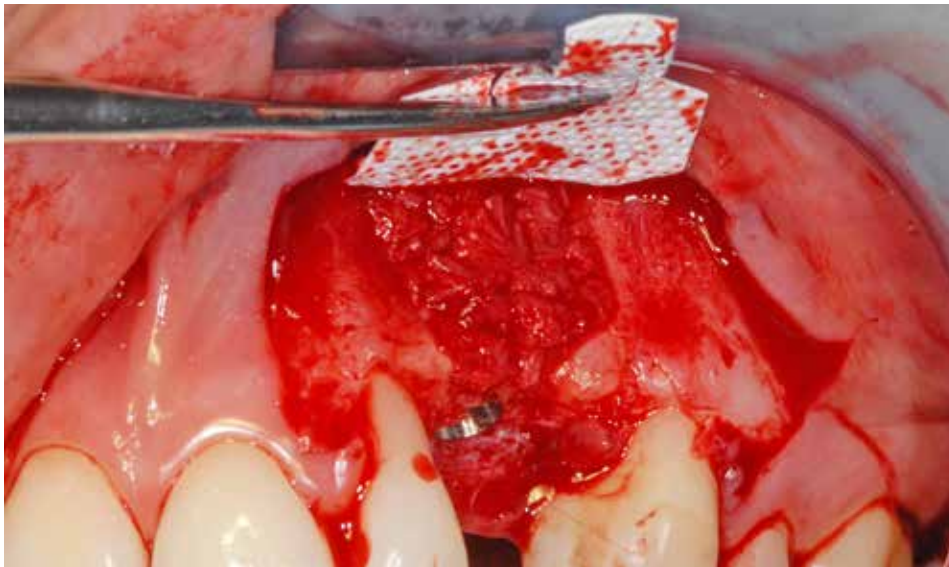
**Multi Unit Abutment Driver**



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

## Case Report

La paziente si presenta lamentando un'estetica insufficiente a causa di un Maryland in posizione 2.3 per sostituire l'elemento mancante. Oltre alla protesi poco piacevole è possibile osservare un minus vestibolare dei tessuti duri e molli che ne aggravano l'aspetto.



Contestualmente all'inserimento dell'impianto, si è corretto il minus osseo vestibolare con del biomateriale miscelato con osso autologo prelevato con fresa ACM dall'angolo mandibolare. Avendo cura di posizionare l'osso autologo puro a contatto con l'impianto e il mix esternamente. Il tutto è stato protetto con una membrana non riassorbibile in PTFE.



A due anni dalla prima chirurgia e dopo aver fatto un innesto connettivale alla rimozione della membrana, l'elemento definitivo appare assolutamente integrato nel contesto della bocca della paziente, mimetizzandosi perfettamente tra gli elementi naturali. Rx a due anni dall'inserimento dell'impianto.

# IS Ball Abutment

Implant over-denture ball attachment system

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



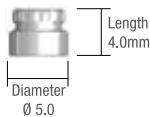
## Ball Abutment



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

\* Ball Abutment Driver(BADH24) Required

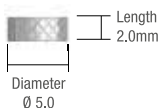
## Housing



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

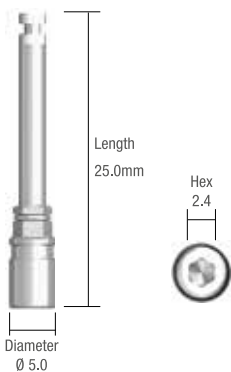
1. while making a final resin denture at laboratory.
2. while inserting Housing or Retainer within denture directly at the office.



## Ball Lab Analog



Product name	BALA350
--------------	---------



## Ball Abutment Driver



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

# Neobiotech **OT EQUATOR** Kit



Il Kit **Codice 130NBTx** include:

- 1 MONCONE IN TITANIO+TiN altezza a scelta (da 1 a 7mm)
- 1 CONTENITORE IN TITANIO ANODIZZATO viola
- 1 DISCHETTO PROTETTIVO
- 4 CAPPETTE RITENTIVE ASSORTITE (Gialla, Rosa, Bianca trasparente, Viola)

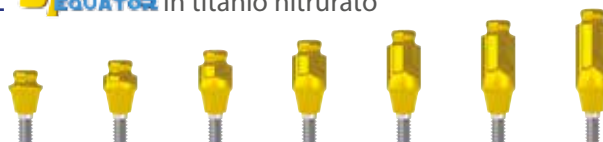


## ACCESSORI E STRUMENTI

H (mm)  
Altezza transmucosa



MONCONE **OT EQUATOR** in titanio nitrurato



H (mm)	1	2	3	4	5	6	7
Codice	<b>030NBT1</b>	<b>030NBT2</b>	<b>030NBT3</b>	<b>030NBT4</b>	<b>030NBT5</b>	<b>030NBT6</b>	<b>030NBT7</b>

## KIT DA LABORATORIO

Codice **192ECE**



Kit completo di accessori assortiti specifici per il laboratorio

Contiene

- 1 CONTENITORE in titanio 141CTE
- 1 CAPPETTA NERA 140CEN
- 1 DISCHETTO PROTETTIVO trasparente
- 4 CAPPETTE assortite  
1 x Gialla 140CEG  
1 x Rosa 140CER  
1 x Bianca trasparente 140CET  
1 x Viola 140CEV



**CAPPETTA** viola  
(forte 2.700g)

Codice **140CEV**



**CAPPETTA** trasparente  
(standard 1.800g)

Codice **140CET**



**CAPPETTA** nera  
(per laboratorio)

Codice **140CEN**



**CAPPETTA** gialla  
(extra-soft 600g)

Codice **140CEG**



**CAPPETTA** rosa  
(soft 1.200g)

Codice **140CER**



**CONTENITORE**  
cappette, titanio anodizzato viola

Codice **141CTE**



**CONTENITORE**  
cappette, Inox

Codice **141CAE**



**KIT SMART BOX**  
Auto-parallezzante

Codice **335SBC**

Contiene

- 1 CONTENITORE SMARTBOX completo di cappetta nera da laboratorio
- 1 DISCHETTO PROTETTIVO rosa
- 4 CAPPETTE assortite (1 x tipo)



**TRANSFER** per impronta a strappo, con cappetta OT CAP normo

Codice **044CAIN**



**CHIAVE** A SEZIONE QUADRATA 1,25 mm comprensivo di HOLDER (cod. 774HC)

Codice **774CHE**

Per avvitare OT-Equator con cricchetto dinamometrico



**ANALOGO** da laboratorio

Codice **144AE**



**ESTRATTORE/INSERITORE** DI CAPPETTE RITENTIVE. Nei box metallici e nel cavo orale

Codice **485IC**

# 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



Diametro  
Ø4.0  
narrow (4)



Diametro  
Ø5.0  
regular (5)

### Scan Body Hex Type



vite PSBSM20 inclusa

## Multi Unit Abutment Scan Body

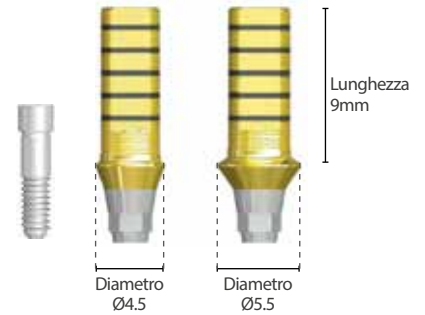


Diametro	4,8
Codice	MUASB48

vite MUASB 14 inclusa

# Ti-Cylinder Abutment

Abutment in titanio per monconi customizzati  
 • Vite ISCS20 compresa



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



# Ti-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

# Titanium Pre-Milled Blank - (T-Block)

Connessione compatibile con tutti i diametri degli Impianti IS

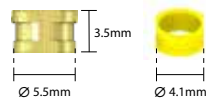
- Vite ISCS20 compresa



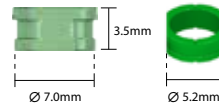
Type	Diametro	Ø10	Ø14
Hex	Codice	ISBKH10NBD	ISBKH14NBD
Non-Hex	Codice	ISBKN10NBD	

# Surgical Guide Sleeve

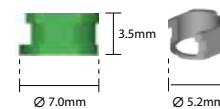
Narrow



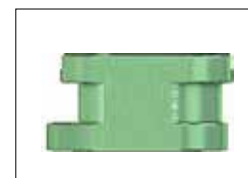
Regular/Wide



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





# Surgical Guide Fixed



Immagini gentilmente concesse da: Dr Loreti Paolo - Milano



## Lateral pin



Lunghezza	18mm
Codice	SGLAP18L

## Lateral sleeve



Diametro	3,0
Codice	SGLAS30L

## Fresa per lateral pin



Codice	SGLAD15L
--------	----------

## Avvitatori per lateral pin



Codice	SGCAC00
--------	---------

da contrangolo



Codice	SGRC10
--------	--------

da cricchetto
















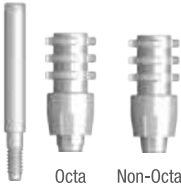
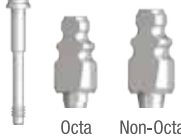







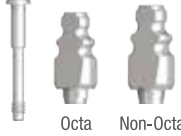


NeoBiotech

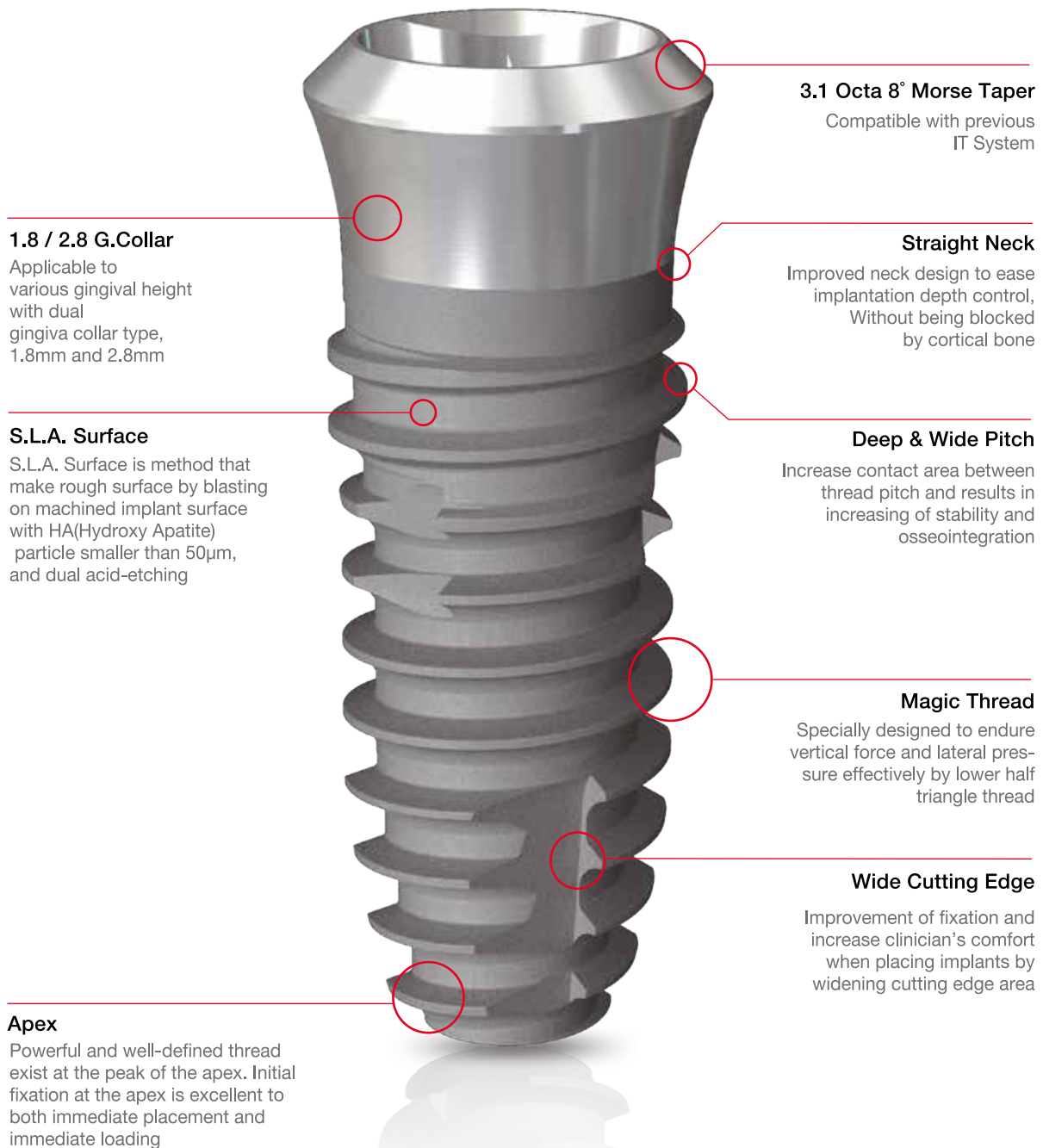
# IT IMPLANT SYSTEM

IT-III active

# IT Implant System Chart

Fixture	Healing & Cover Screw	Abutment		Impression Coping	Lab Analog		
 IT-III active	 Healing Abutment   Cover Screw	Solid	Regular Neck	Solid 	 Impression Cap	 Regular Neck – Lab Analog (Abutment Level)	
				Excellent Solid		 Positioning Cylinder	 Shoulder Analog (Abutment Level)
			Wide Neck	Solid 	 Impression Cap   Positioning Cylinder	 Wide Neck – Lab Analog (Abutment Level)	
		Cemented			 Pick-up   Transfer   Transfer Impression Coping Positioner	 Regular Neck – Lab Analog (Fixture Level)   Wide Neck – Lab Analog (Fixture Level)	
		Angled		 CCM (Wide Neck)			
		UCLA	Regular Neck	CCM  Octa      Non-Octa	 Octa      Non-Octa		
			Wide Neck	CCM (Wide Neck)	 Octa      Non-Octa		

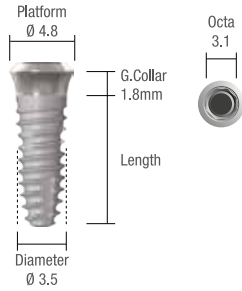
# IT-III active



# IT-III active Fixture (S.L.A. Surface)

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

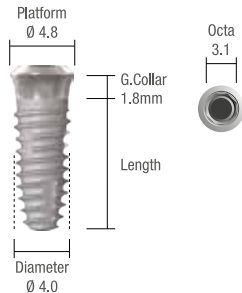
## \* Regular Neck



### • Narrow / Diameter Ø 3.5 / G.Collar 1.8mm



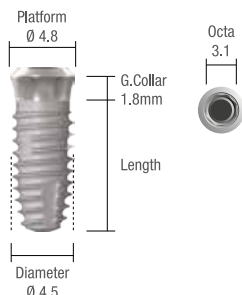
Length (mm)	8.5	10.0	11.5	13.0
Product name	IT313508AP	IT313510AP	IT313511AP	IT313513AP



### • Regular / Diameter Ø 4.0 / G.Collar 1.8mm



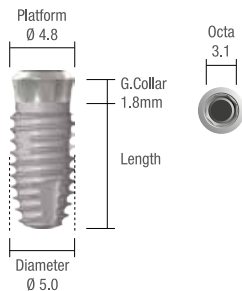
Length (mm)	7.0	8.5	10.0	11.5	13.0
Product name	IT314007AP	IT314008AP	IT314010AP	IT314011AP	IT314013AP



### • Regular / Diameter Ø 4.5 / G.Collar 1.8mm



Length (mm)	7.0	8.5	10.0	11.5	13.0
Product name	IT314507AP	IT314508AP	IT314510AP	IT314511AP	IT314513AP



### • Regular / Diameter Ø 5.0 / G.Collar 1.8mm



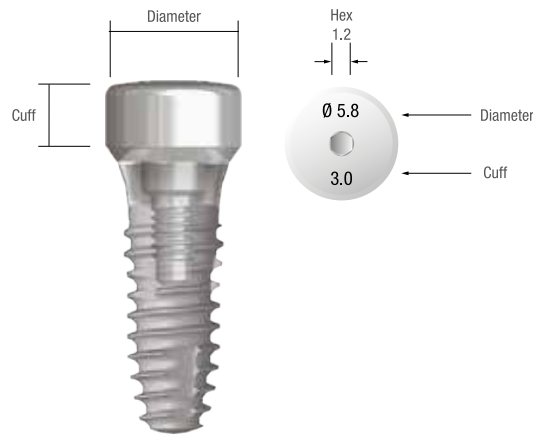
Length (mm)	7.0	8.5	10.0	11.5	13.0
Product name	IT315007AP	IT315008AP	IT315010AP	IT315011AP	IT315013AP

※ All measurements can be different with the actual size

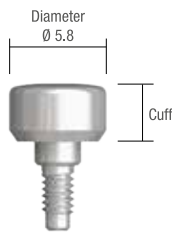
# IT Healing Abutment

Temporary restorations for contouring of the soft tissue

Tightening Torque : 8~10 Ncm



• Regular Neck



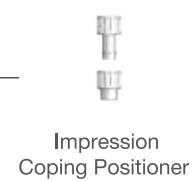
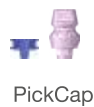
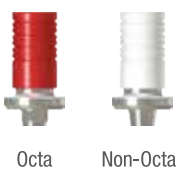
Diameter Ø 5.8



Cuff (mm)	2.0	3.0	4.0
Product name	IUTH502	IUTH503	IUTH504

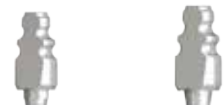
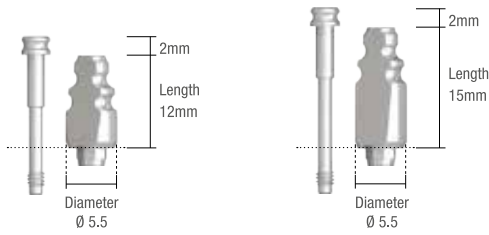
# Prosthetic Flow Chart

## - IT Abutment



# IT Transfer Impression Coping

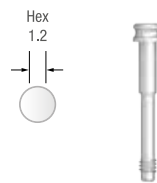
• Regular Neck



Type	Octa	Non-Octa
Short	ITIT0511	ITITN511
Long	ITITOL511	ITITNL511

\* Impression Coping Screw Included (ITTIS20H)

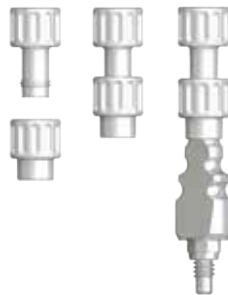
• Impression Coping Hex Screw



Product name	ITTIS20H
--------------	----------

# IT Transfer Impression Coping Positioner

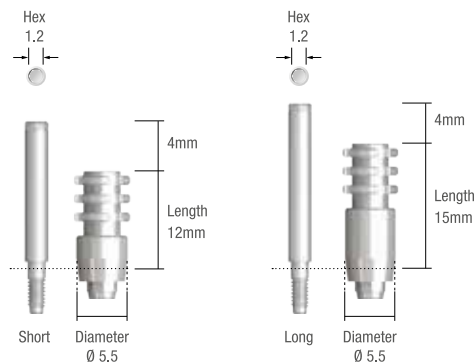
\* Connected to transfer impression coping



Product name	FDHSET01
--------------	----------

# IT Pick-up Impression Coping

• Regular Neck



Type	Octa
Short	ITIP0511
Long	ITIPOL511

\* Impression Coping Screw Included (Short : ITPIS20 / Long : ITPIS20L)

• Regular Neck



# IT Lab Analog

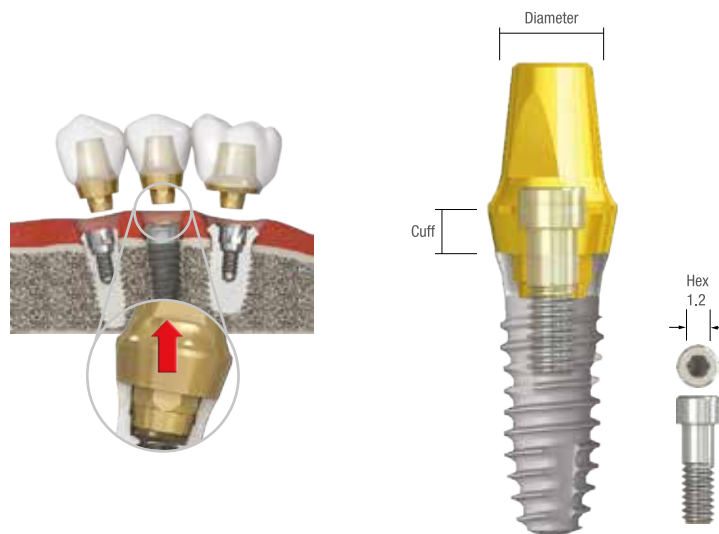
Product name	ITLA50
--------------	--------

# IT Cemented Abutment

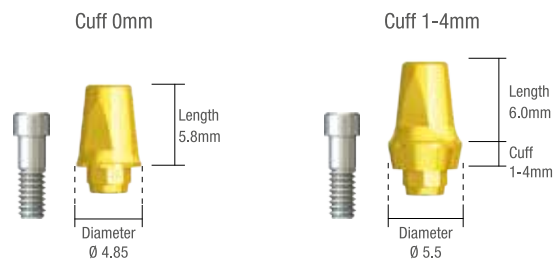
## IT SCRCP Abutment

Cementable or Screw-retained abutment for single tooth and bridges

- Semi-octa structure of SCRCP Abutment simplifies both installation and removal of prosthetic within 16 degrees in multiple cases
- Customizable by grinding (need to remain at least 3mm of abutment length above fixture platform)
- Abutment Screw(ITCS20S) included, Tightening Torque : 30Ncm



### • Regular Neck



### Diameter Ø5.5



Cuff (mm)	0	1.0	2.0	3.0	4.0
Octa	IC0500	IC0510	IC0520	IC0530	IC0540
Non-Octa	ICN500	ICN510	ICN520	ICN530	ICN540
SCRCP	ICS500	ICS510	ICS520	ICS530	ICS540



# IT Pre Angled Abutment

• Abutment Screw(ITAS20S) included, Tightening Torque : 30 Ncm

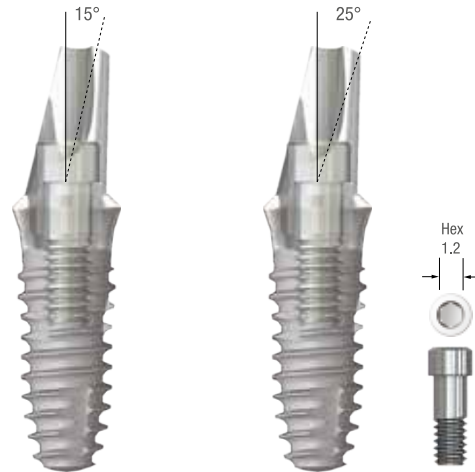
**A-Type**

(Angle to the edge)



**B-Type**

(Angle to the flat wall)



• Regular Neck



**A - Type**

Angle to the edge



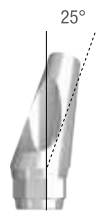
**B - Type**

Angle to the flat wall

15°



Type	A	B
Product name	IA0310A	IA0310B



**A - Type**

Angle to the edge



**B - Type**

Angle to the flat wall

25°



Type	A	B
Product name	IA0320A	IA0320B

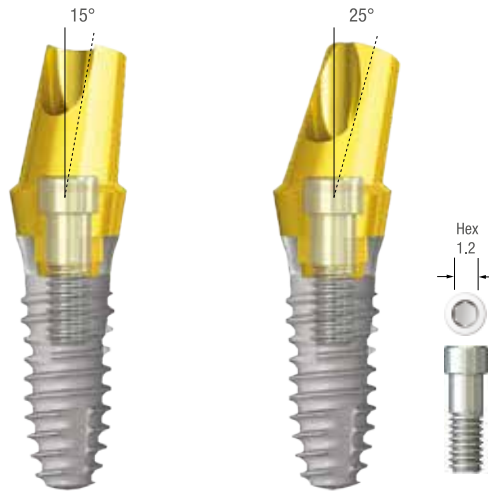
# IT Collared Angled Abutment

• Abutment Screw(ITCS20S) included, Tightening Torque : 30 Ncm

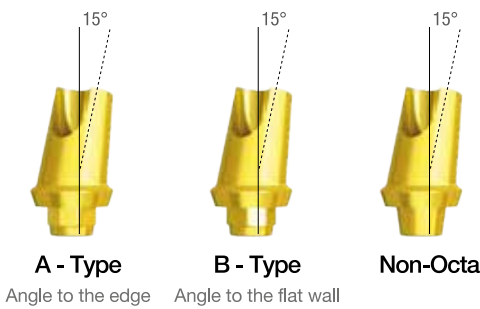
**A-Type**  
(Angle to the edge)



**B-Type**  
(Angle to the flat wall)



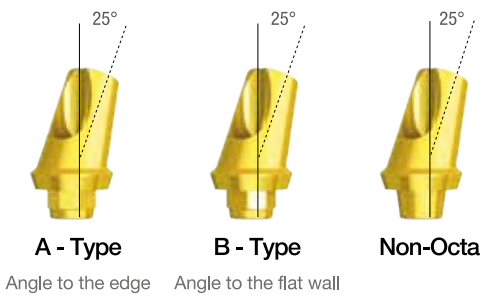
• Regular Neck



15°



Type	A		B		Non-Octa	
Cuff (mm)	1	2	1	2	1	2
Product name	IA0511A	IA0512A	IA0511B	IA0512B	IAN511	IAN512



25°



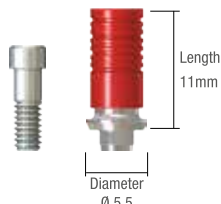
Type	A		B		Non-Octa	
Cuff (mm)	1	2	1	2	1	2
Product name	IA0521A	IA0522A	IA0521B	IA0522B	IAN521	IAN522

# IT CCM UCLA Abutment

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

- Abutment Screw(ITCS20S) included, Tightening Torque : 30 Ncm
- Metal Casting

• Regular Neck



Diameter  $\varnothing$  5.5



Type	Octa	Non-Octa
Product name	ITUC0500	ITUCN500

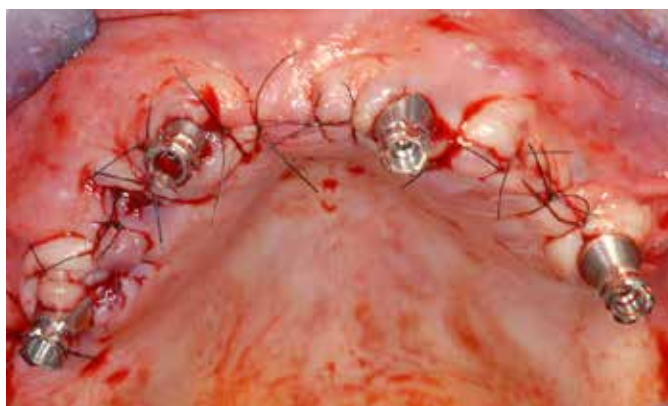
## Case Report



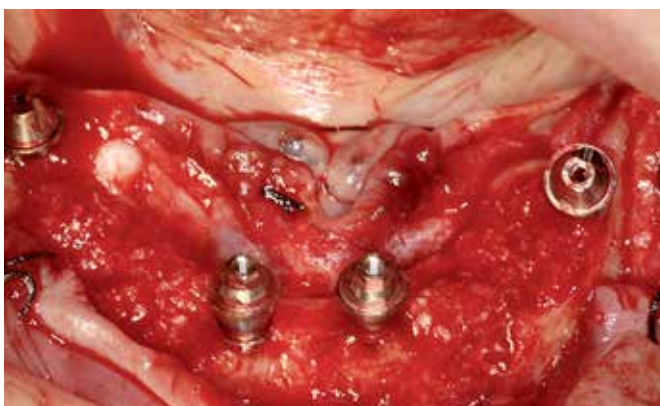
Situazione clinica iniziale



Ortopantomografia iniziale



Estrazione degli elementi dentari residui nell' arcata superiore ed inserimento di 4 impianti post-estrattivi



Estrazione degli elementi residui nell'arcata inferiore ed inserimento di 4 impianti post-estrattivi



Protesi provvisorie superiore ed inferiore a carico immediato tipo all on 4



Protesi definitive all on 4 in titanio resina con denti in composito realizzate dopo 1 anno dall'intervento



ortopantomografia di controllo delle protesi definitiva

*Immagini gentilmente concesse da:  
Dr Giuliano Garlini - Milano*

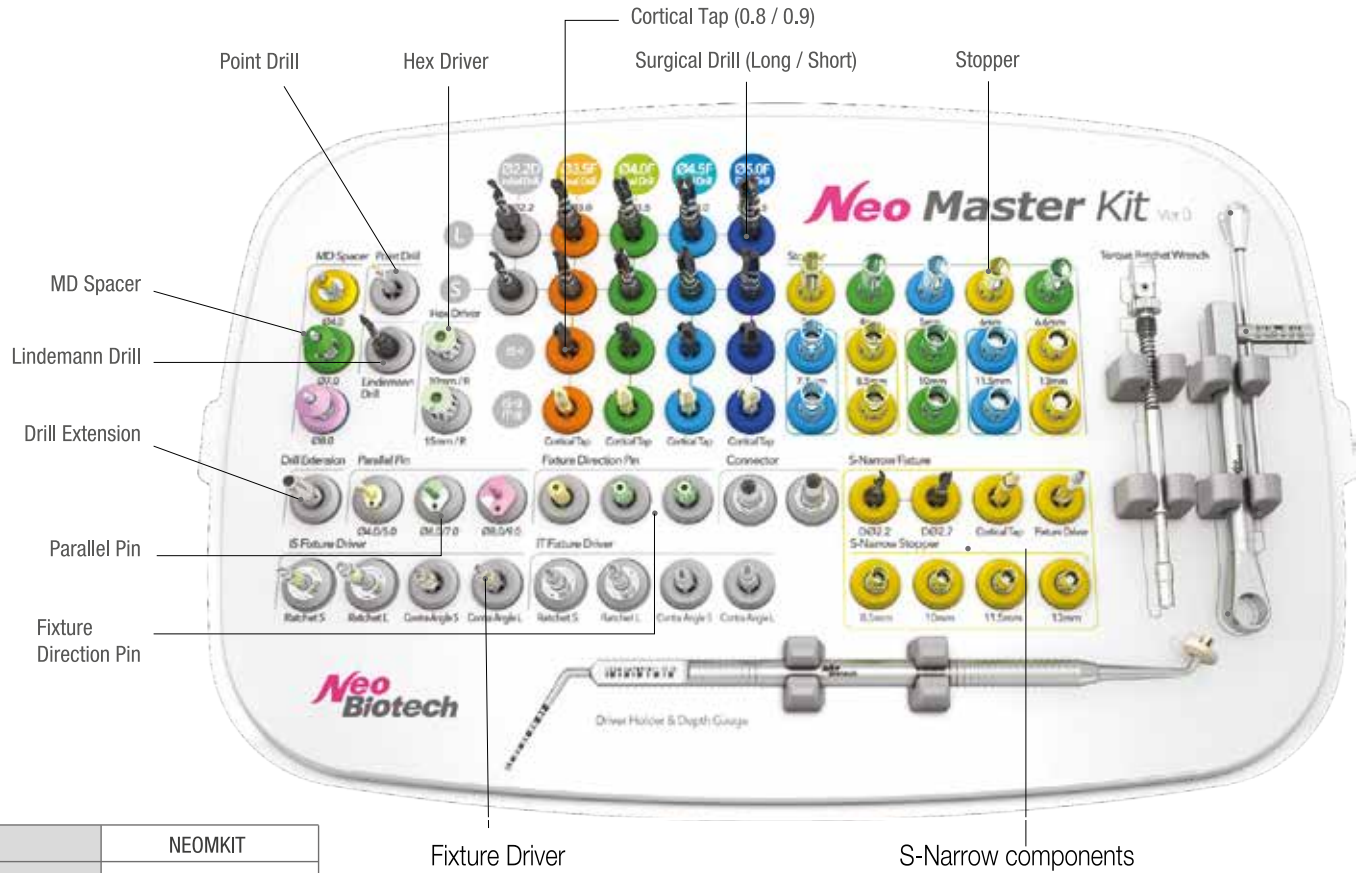


NeoBiotech

**SURGICAL KIT**  
**PROSTHETIC KIT**

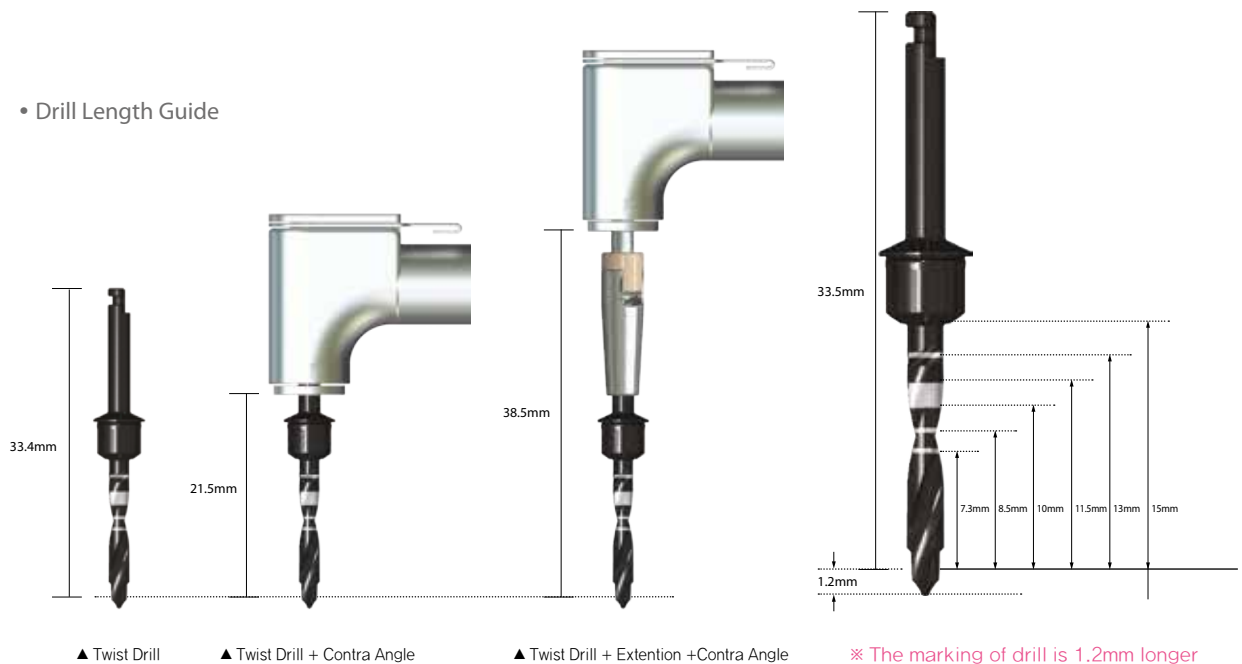
# Neo Master Kit

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



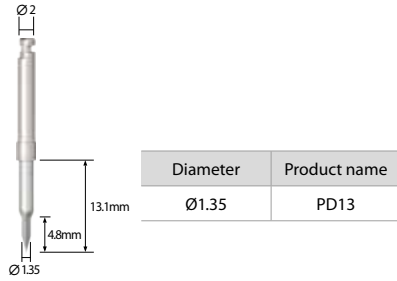
Kit	NEOMKIT
Kit Tray Top	NEOMKITTRAY1
Kit Tray Middle	NEOMKITTRAY2
Kit Tray Bottom	NEOMKITTRAY3

### • Drill Length Guide



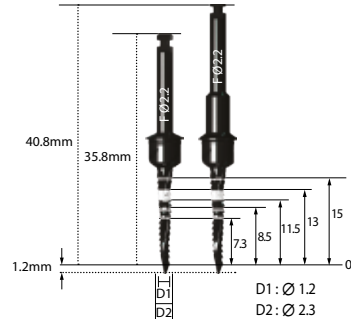
# Neo Master Kit Components

• Point Drill



Diameter	Product name
Ø1.35	PD13

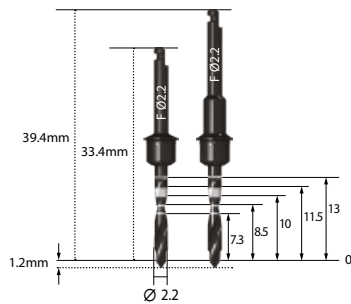
• Lindemann Drill



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

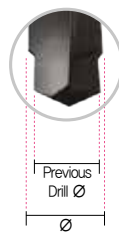
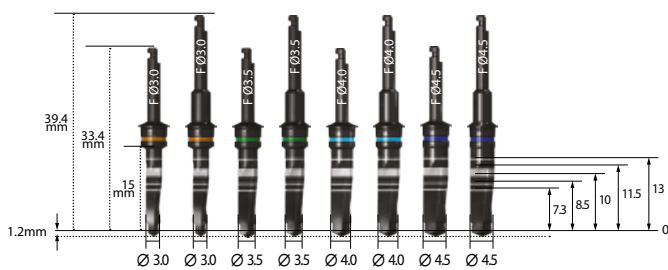
\* Optional

• 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

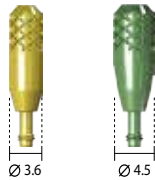
Stopper	3.0	4.0	5.0	6.0	6.6	7.3	8.5	10.0	11.5	13
Drilling Length(mm)	4.2*	5.2*	6.2*	7.2*	7.8	8.5	9.7	11.2	12.7	14.2
Product name	DS030C	DS040C	DS050C	DS060C	DS066C	DS070C	DS085C	DS100C	DS115C	DS130C



\*Only Stopper included. Please order Stopper holder(DSHC) separately.  
 \* Not included, Separately Purchasable

# Neo Master Kit Components

• 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*

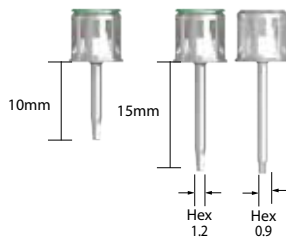
\* Not Included.  
Separately Purchasable.

• Drill Extension



Product name	DE01
--------------	------

• Hex Driver



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

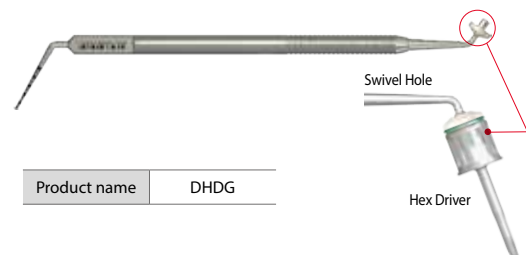
\* Not Included.  
Separately Purchasable.

• Torque Ratchet



Product name	TW60
--------------	------

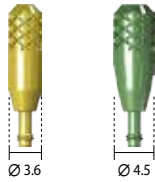
• Driver Holder & Depth Gauge



Product name	DHDG
--------------	------

# 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*

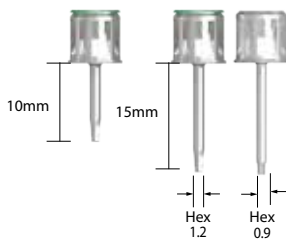
\* Not Included.  
Separately Purchasable.

• Drill Extension



Product name	DE01
--------------	------

• Hex Driver



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

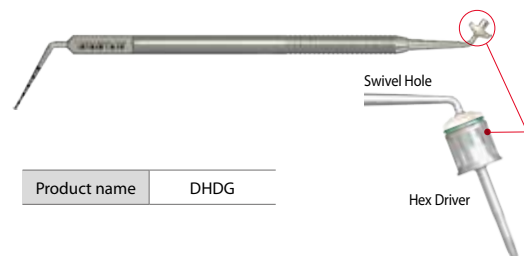
\* Not Included.  
Separately Purchasable.

• Torque Ratchet



Product name	TW60
--------------	------

• Driver Holder & Depth Gauge



Product name	DHDG
--------------	------



# Neo Master Kit Components

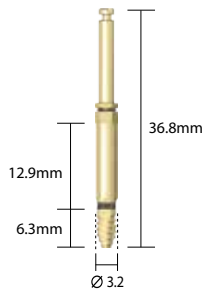
• S-Narrow Surgical Drill



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



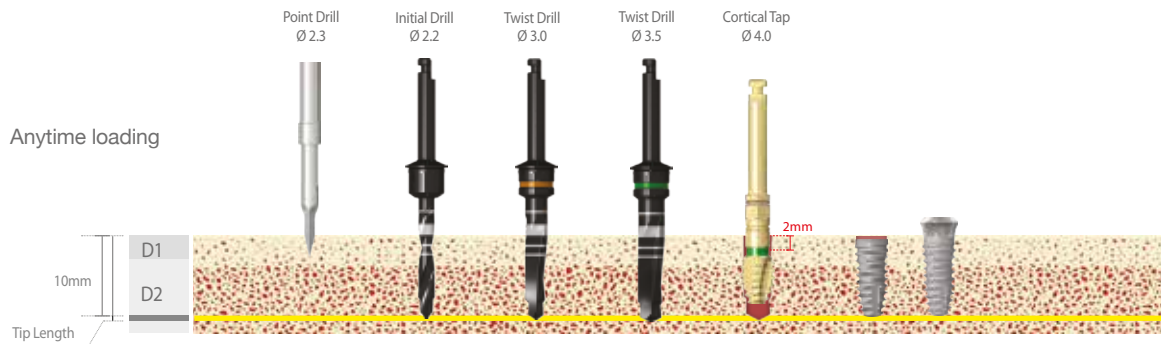
Type	Product name
Contra Angle	ISFDSNCL*

\* Not Included.  
Separately Purchasable.

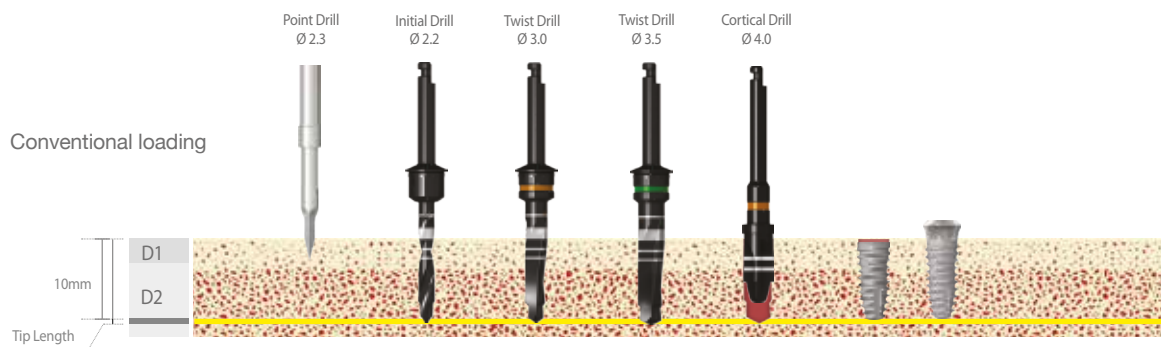
# Neo Master Kit – Drilling Sequence

## Drilling Speed & Torque

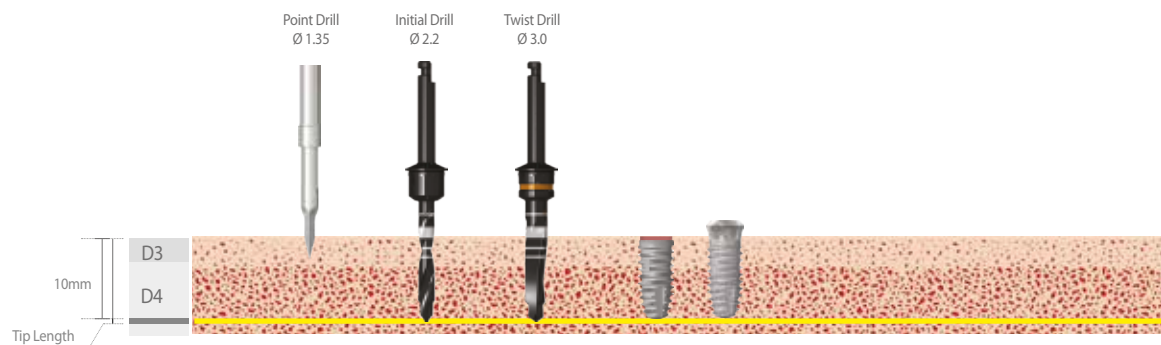
- Point Drill, Initial Drill, Twist Drill : 1,200rpm / 35~45Ncm  
Cortical Tap : 50rpm / 50Ncm
- IS-III active(IT-III active) Fixture  $\varnothing 4.0$  X 10mm (D1/D2 bone)



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

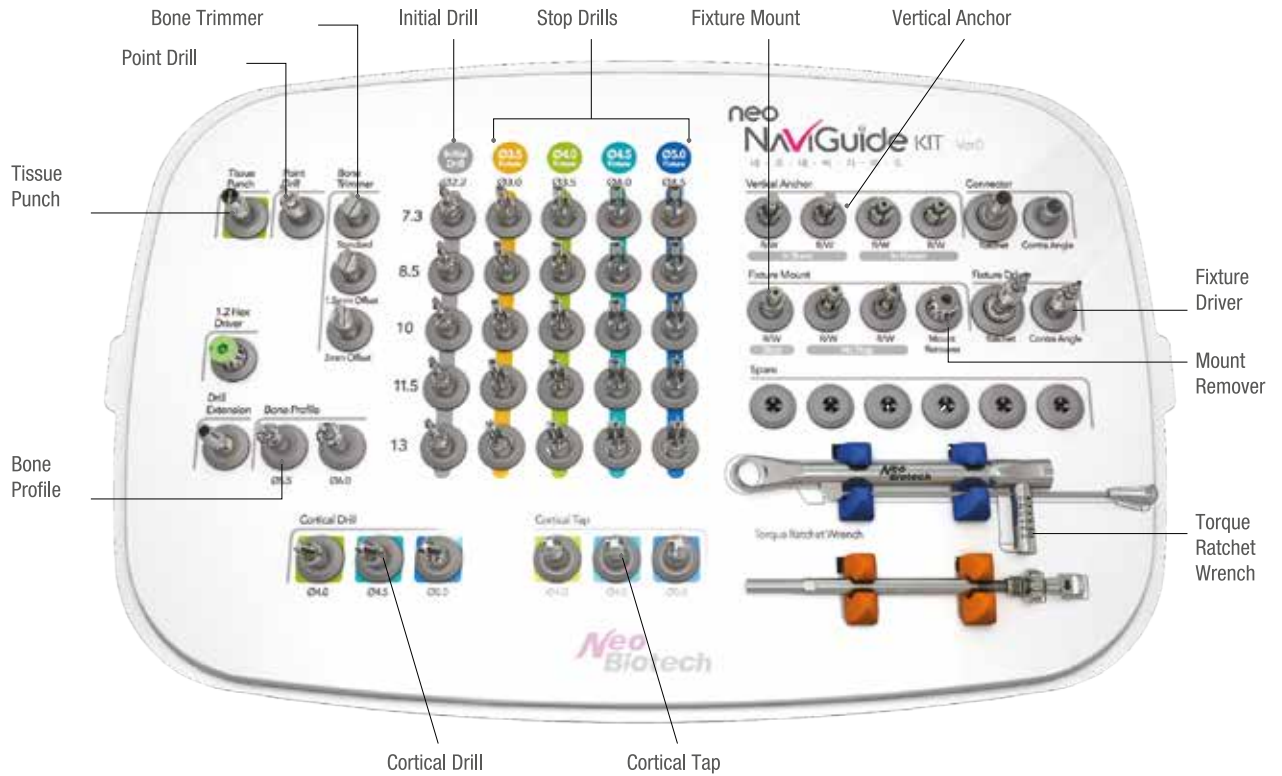


- IS-III active(IT-III active) Fixture  $\varnothing 4.0$  X 10mm (D3/D4 bone)



# Neo NaviGuide Kit

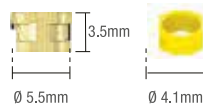
This kit can be used to perform surgical guide implant surgery for IS-II active , IS-III active (Ø3.5~Ø5.0) For R/W sleeve , R/W C sleeve



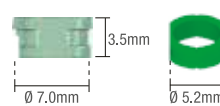
Product name	NEONGKIT
--------------	----------

## Surgical Guide Sleeve

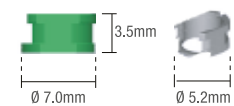
Narrow



Regular/Wide



C-Sleeve Regular/Wide

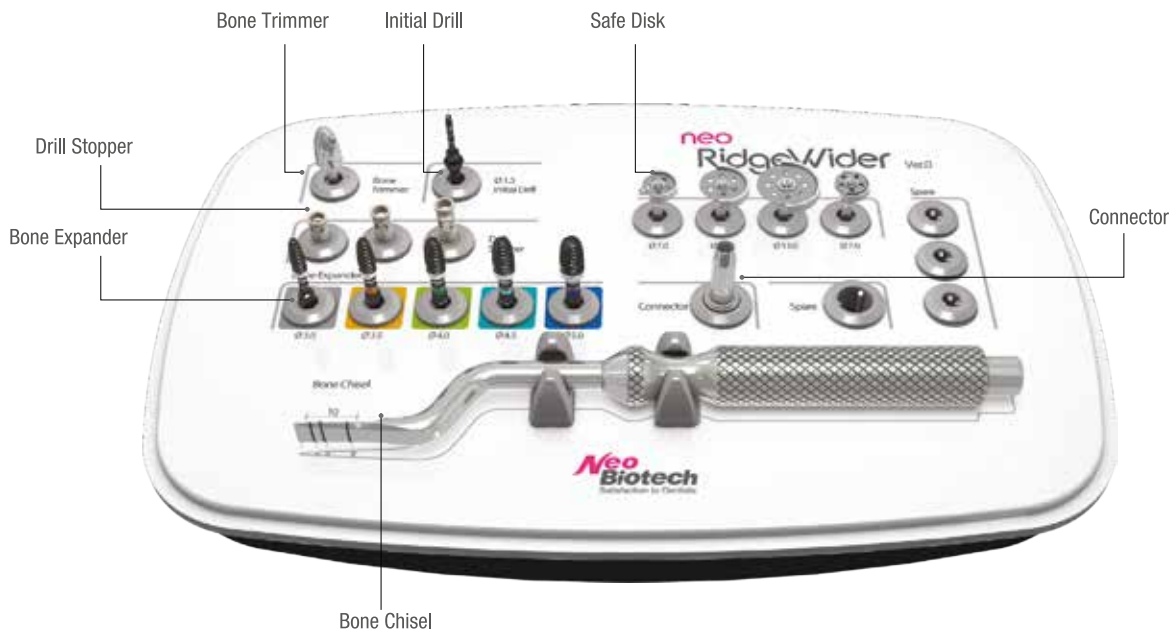


Diameter	5,5	7	7
Anti-rotational distance	4,1	5,2	5,2
Height	3,5	3,5	3,5
Product name	SGS55N	SGS70RW	CSGS70RW



## Ridge Wider Kit

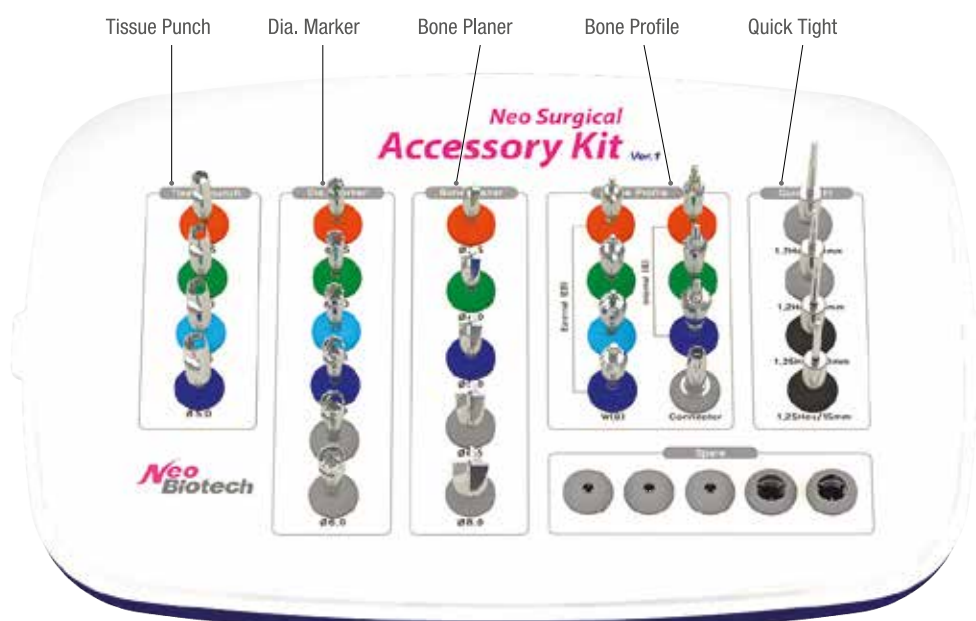
The product is a dental procedural device developed for convenient and easy split and expansion with RidgeWider Kit including expander, safe disk, drill and chisel in narrow ridge case where implant placement is difficult.



Kit

RWKIT

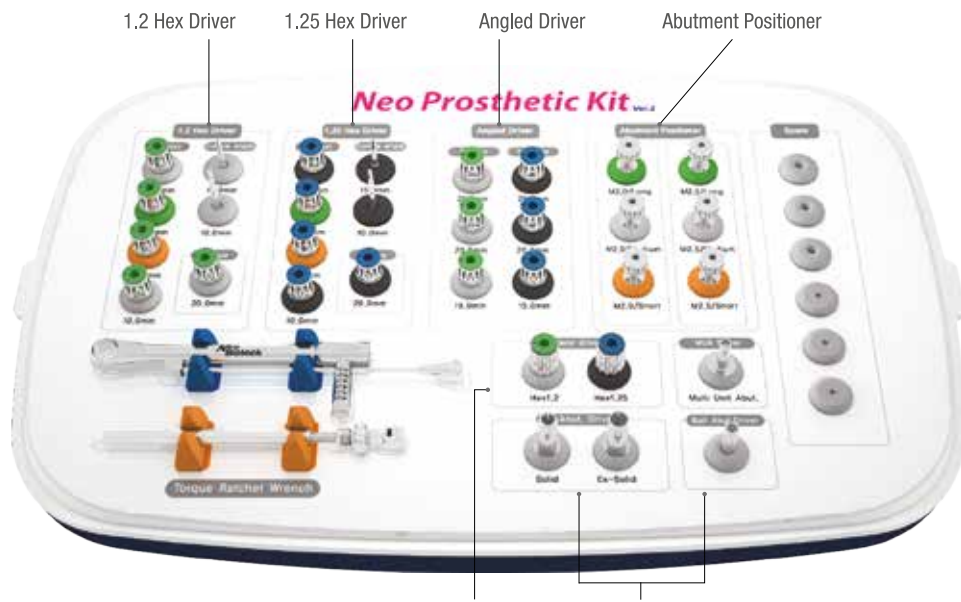
## Neo Surgical Accessory Kit



Kit

ACCKIT

# Neo Prosthetic Kit

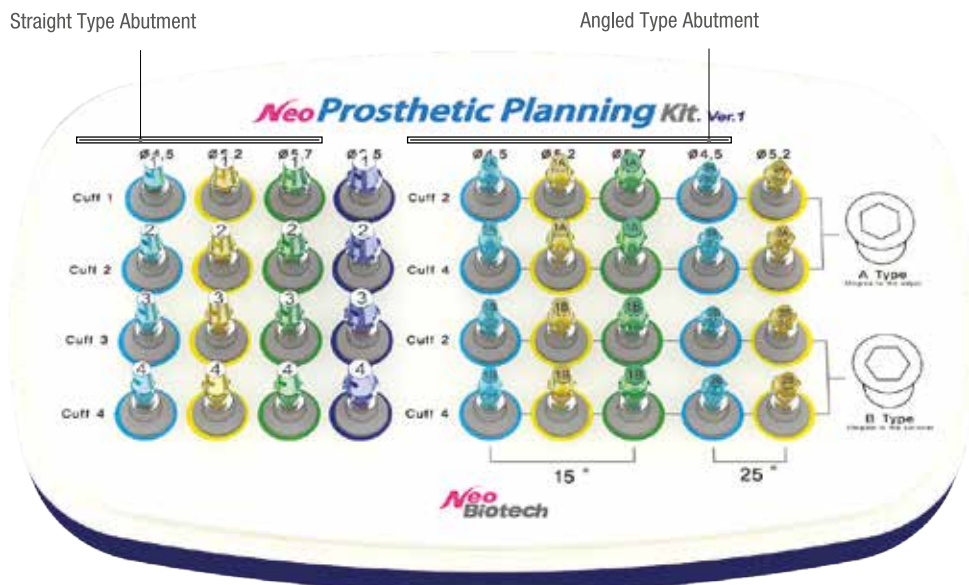


Kit    PRTKIT

Hand Driver    Extra Component

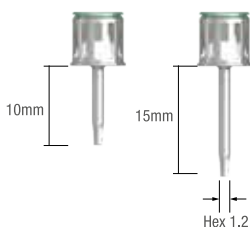
# Neo Prosthetic Planning Kit

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

## • Hex Driver

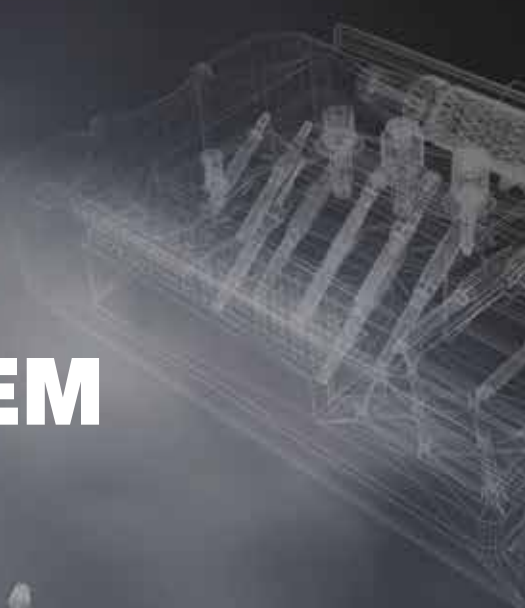
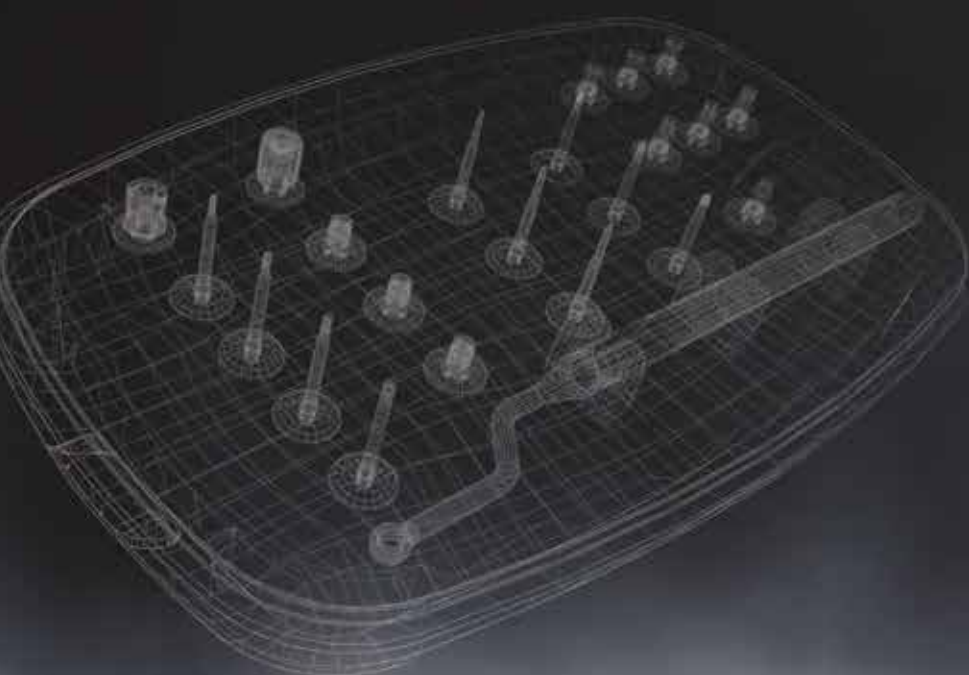


Length (mm)	Hex	Product name
10	1.2	HD1210S
15		HD1215S

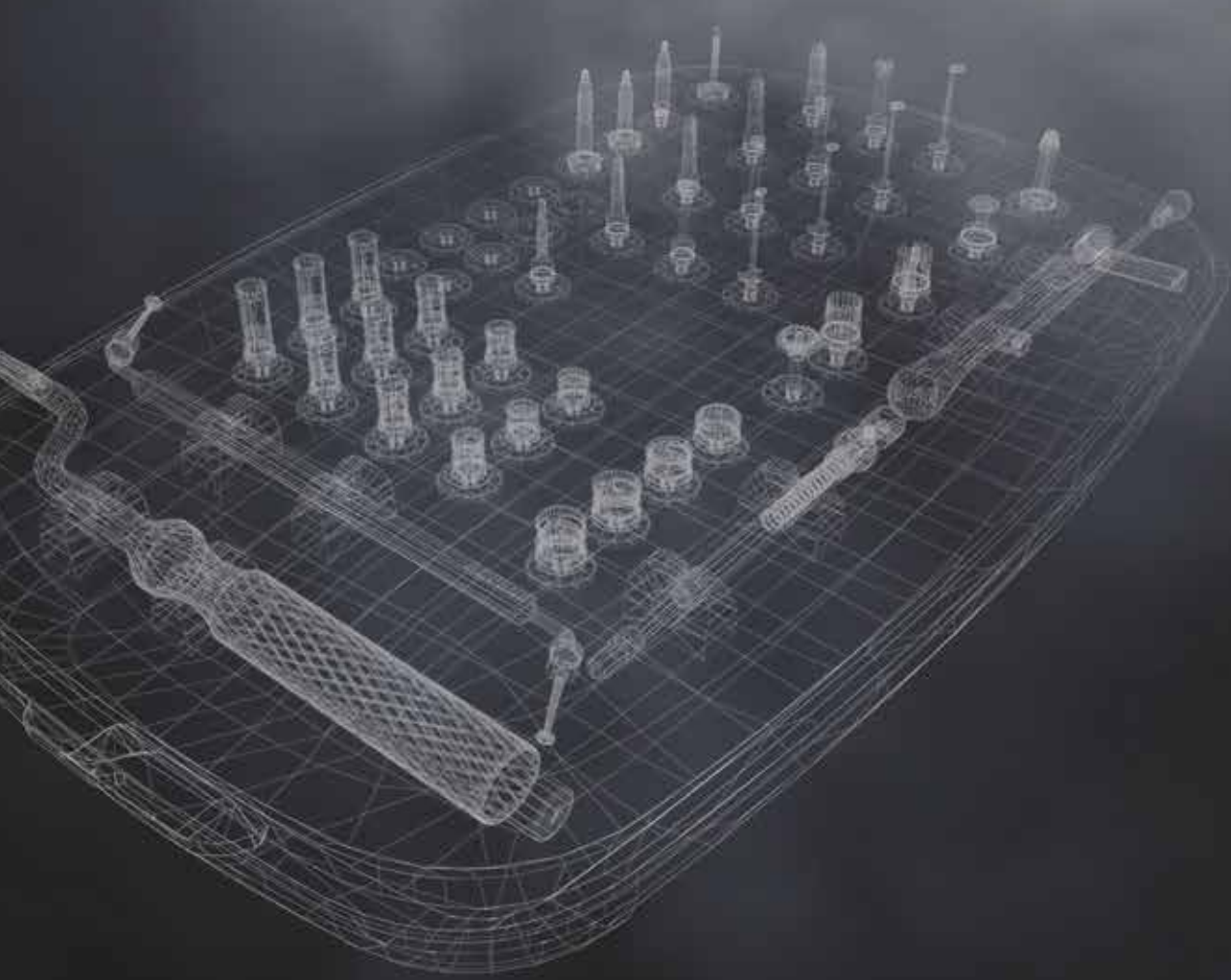
## • Torque Ratchet



Product name    TW60

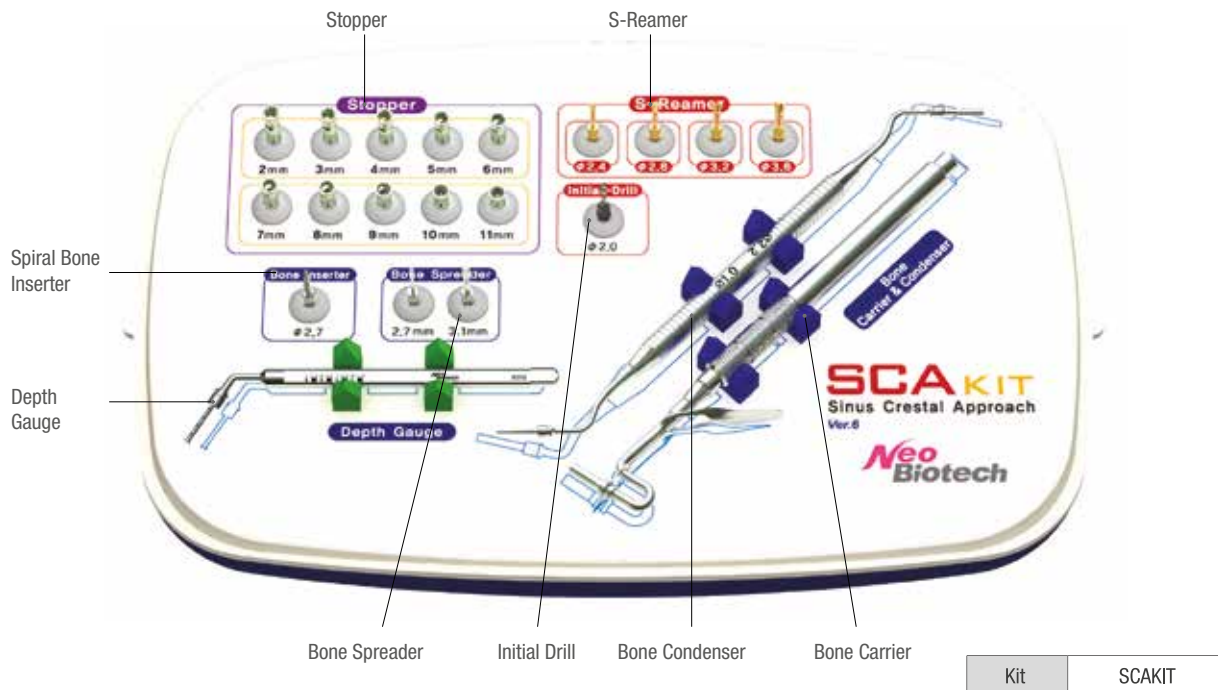


Neobiotech  
**SOLUTION SYSTEM**



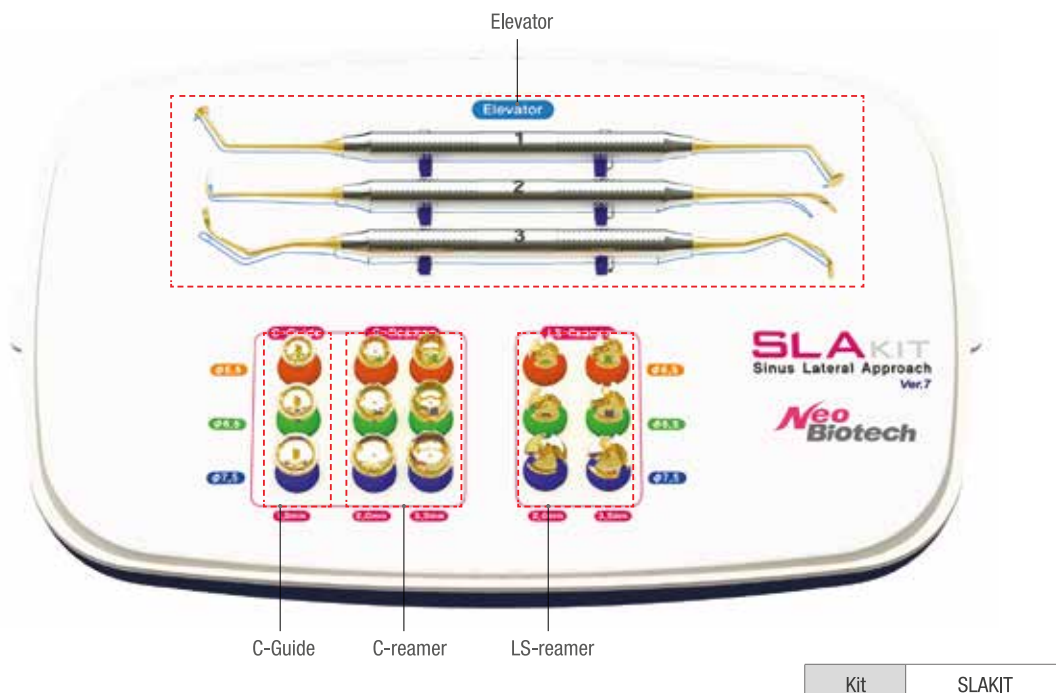
## SCA Kit (Sinus Crestal Approach Kit)

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)



## 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.



# 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

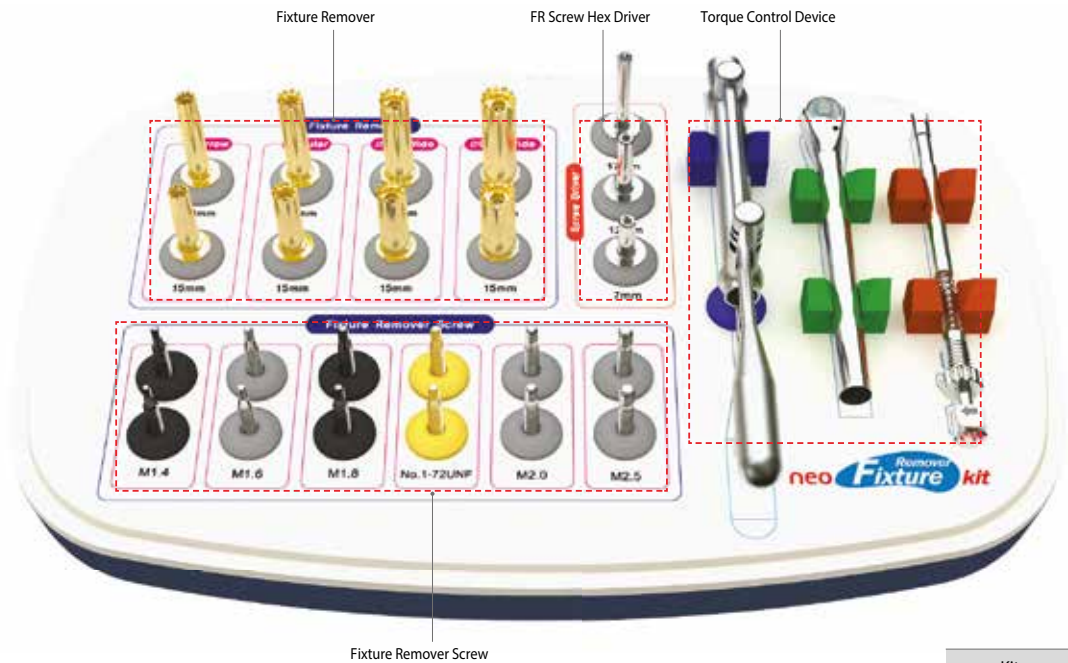
### Final Drilling & Implantation

- 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.



# 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

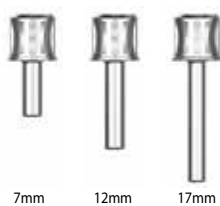


Screw size	Product Name	Recommended Torque (Ncm)
M1.4	FRS14	60
M1.6	FRS16	80
M1.8	FRS18	80
1-72UNF	FRS172	80
M2.0	FRS20	80
M2.5	FRS25	80

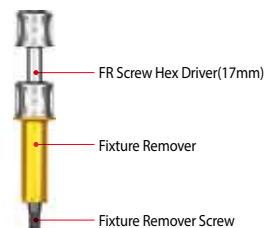


\* "M" means a metric screw, and the number stands for the size of the external diameter of the screw

## • FR Screw Hex Driver

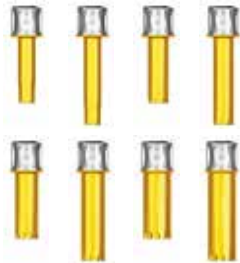


Length	Product name
7mm	HDF1607
12mm	HDF1612
17mm	HDF1617



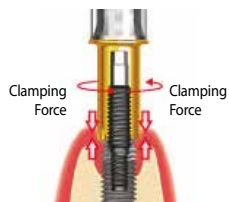
# FR Kit (Fixture Remover Kit)

## • Fixture Remover



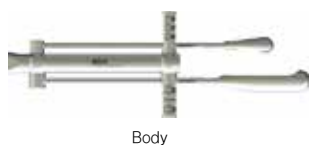
Type	Length	Product name
Narrow	15mm	FR315
	20mm	FR320
Regular	15mm	FR415
	20mm	FR420
Wide(Ø5)	15mm	FR515
	20mm	FR520
Wide(Ø6~8)	15mm	FR615
	20mm	FR620

## • 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



1 Failed implant

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



2 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.



3 Fixture Remover

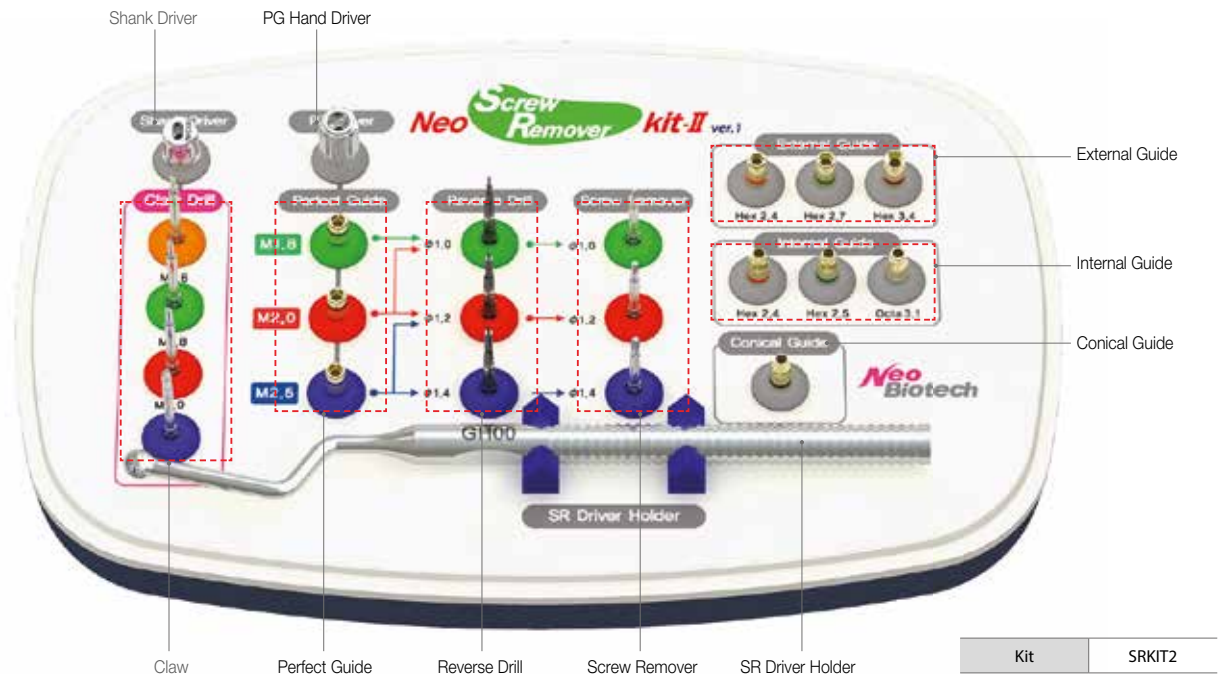
- Select an appropriate size of Fixture Remover
- Connect the selected Fixture Remover and tighten it counterclockwise until it is completely tightened to the Fixture Remover Screw that is fixed in the implant.
- Using a Torque Wrench, further apply torque to the Fixture Remover (counterclockwise) until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



4 Clear

# 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.



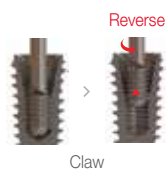
Kit	SRKIT2
-----	--------

• 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

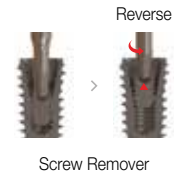
# SR Kit (Screw Remover Kit)

## • Screw Remover



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

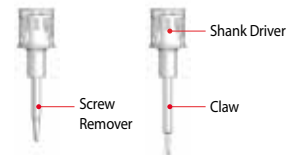
\* At or below 80 rpm



## • 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



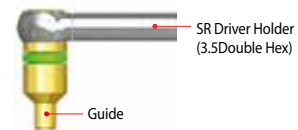
External Guide

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.



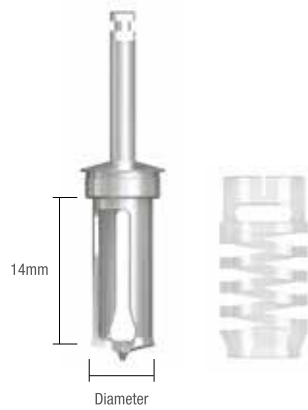
4 Screw RemoverClear

- 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
Ø 4.0	NACM40ISETS
Ø 4.5	NACM45ISETS
Ø 5.0	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 on site, and move on to a different site to continue drilling.





# Peri-implantitis Solution

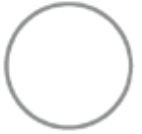
• i-Brush 1



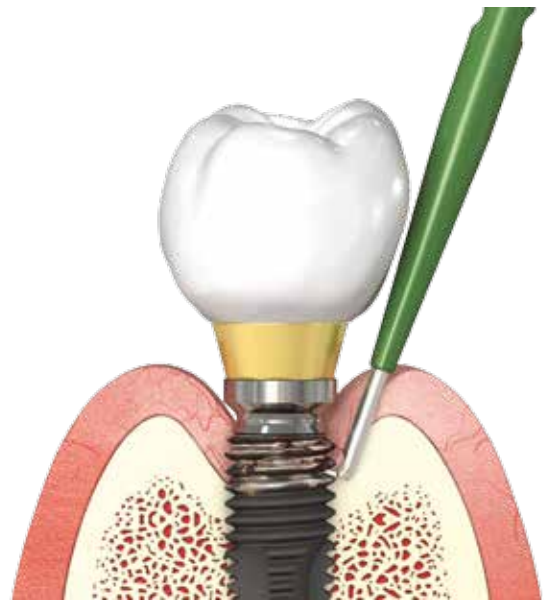
Product name	IBRUSH1
--------------	---------



• i-Brush 2



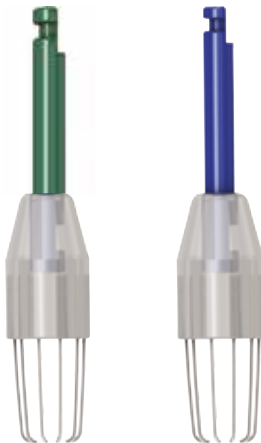
Product name	IBRUSH 2
--------------	----------



• R-Brush



Product Code	
Regular (Ø5.6)	ROUND BRUSH (R)
Wide (Ø6.6)	ROUND BRUSH (W)





Find Neobiotech online

# AnyCheck

2017.10 E-Ver.02

Dental implant stability meter (tapping-motion) for assessing osseointegration without disconnecting the healing abutment.



Measured value is similar to ISQ scale: above 60 – bridge recommended; above 70 – single case loading possible.

Displayed in **red** – 30~59 ; **orange** – 60~64 ; **green** – 65~85.

Measured values (IST scale) differ depending on the height of the healing abutment. As the standard height of the healing abutment is 4mm, calculate the correct IST value according to the following chart:

Standard +3	7mm height Healing Abutment	Displayed IST value +6
Standard +2	6mm height Healing Abutment	Displayed IST value +4
Standard +1	5mm height Healing Abutment	Displayed IST value +2
<b>Standard</b>	<b>4mm height Healing Abutment</b>	<b>Displayed IST value</b>
Standard - 1	3mm height Healing Abutment	Displayed IST value - 2
Standard - 2	2mm height Healing Abutment	Displayed IST value - 4
Standard - 3	1mm height Healing Abutment	Displayed IST value - 6



# NeoBiotech Implant System

DISTRIBUITO DA



Butterfly Italia s.r.l.

Via I° Maggio, 1 - 20873 Cavenago di Brianza (MB)

Tel. +39 02 95335246

info@butterflyitalia.com - www.butterflyitalia.com 

**Neo**  
**Biotech**  
Satisfaction to Dentists

Neobiotech Co., Ltd. E-space #1001,36, Digital-ro 27-gil, Guro-gu, Seoul, Republic of Korea  
Tel. +82-2-582-2885 Fax. +82-2-582-2883