Ver 6.3

Revision Feb. 2024

D I O

P R O D U C T

C A T A L O G

UFII Implant System

Digital Materials

DIOnavi. Surgical Kit

Instrument Kit

DIO IMPLANT

D I O

P R O D U C T

C A T A L O G

UFⅡ Implant System | Internal Submerged Type

N
NARROW

011 UFⅡ Narrow

Ø3.0 Ø3.3

014 Cover Screw


015 Healing Abutment


Cement / Screw - Retained Restorations

020 Pick-up Impression Coping


021 Transfer Impression Coping


022 Fixture Analog


023 Temporary Abutment


024 Cemented Abutment


027 Angled Abutment


Abutment Screw


028 UCLA CCM Abutment


Cement - Retained Restorations

031 Solid Abutment


032 Protect Cap


032 Impression Cap


033 Solid Abutment Analog


033 Plastic Coping


Overdenture - Retained Restorations

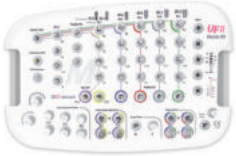
041 Ball Abutment


042 Ball Abutment Analog


042 Ball Cap Retainer


043 Stainless Steel Housing O-ring


Surgical Kits

066
UFⅡ Master kit
UF 06


※ Sugical / Prosthetics Tool

067
UFⅡ Surgical Kit
UF 07


※ Sugical Tool

079
UFⅡ Narrow kit
UF 08


083
UFⅡ Wide Kit
UF 09


R REGULAR

W WIDE

012 UF Ⅱ Regular Ø3.8/4.0/4.5/5.0/5.5 Wide Ø5.9/6.4/6.9

014 Cover Screw

016 Healing Abutment

Cement / Screw - Retained Restorations

020 Pick-up Impression Coping

021 Transfer Impression Coping

022 Fixture Analog

023 Temporary Abutment

024 Cemented Abutment

026 Mill Abutment

028 UCLA CCM Plastic Abutment

027 Angled Abutment

Abutment Screw

Cement - Retained Restorations

031 Solid Abutment

032 Protect Cap

032 Impression Cap

033 Solid Abutment Analog

033 Plastic Coping

Screw - Retained Restorations

035 Octa Abutment

035 Healing Cap

036 Pick-up Impression Coping

036 Transfer Impression Coping

036 Octa Abutment Analog

037 Cemented Cylinder

037 Temporary Cylinder

038 Plastic Cylinder

038 Abutment Driver

Cylinder Screw

Overdenture - Retained Restorations

041 Ball Abutment

042 Ball Abutment Analog

042 Ball Cap Retainer

043 Stainless Steel Housing O-ring

Screw - Retained Restorations

045 Multiunit Straight /Angled Abutment

046 Healing Cap

047 H Scanbody Scan Adapter

046 Pick-up Impression Coping

047 Multl Angled Abutment Jig

046 Transfer Impression Coping

049 Digital Analog

049 Abutment Analog

048 Plastic Temporay Cemented Cylinder

049 Cylinder Screw

Digital Materials

Anatomic Abutment

051
Lower Incisor
UF Ⅱ Narrow
Anatomic Abutment

052
Upper Incisor
UF Ⅱ Narrow
Anatomic Abutment

053
Upper Incisor
UF Ⅱ
Anatomic Abutment

054
Canine
UF Ⅱ
Anatomic Abutment

055
Premolar
UF Ⅱ
Anatomic Abutment

056
Molar
UF Ⅱ
Anatomic Abutment

Scan Adapter

059
UF Ⅱ
Narrow

059
UF Ⅱ
Regular
Wide

Digital Materials

060
Scan
Retractor

060
Wax
Denture

060
Marker

Pre - Milled Bar

061
UF Ⅱ
Narrow

061
UF Ⅱ
Regular
Wide

Hybrid Link

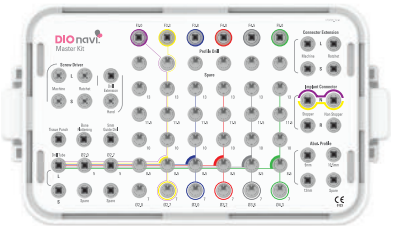
062
UF Ⅱ
Narrow

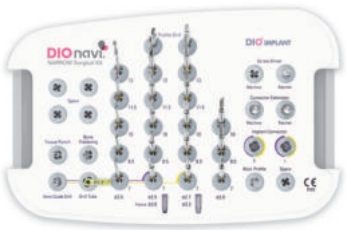
062
UF Ⅱ
Regular
Wide

Digital Fixture Analog

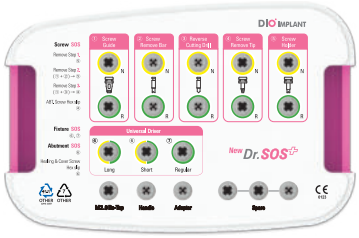
063
UF Ⅱ
Narrow
Regular
Wide

DIOnavi. Surgical Kit





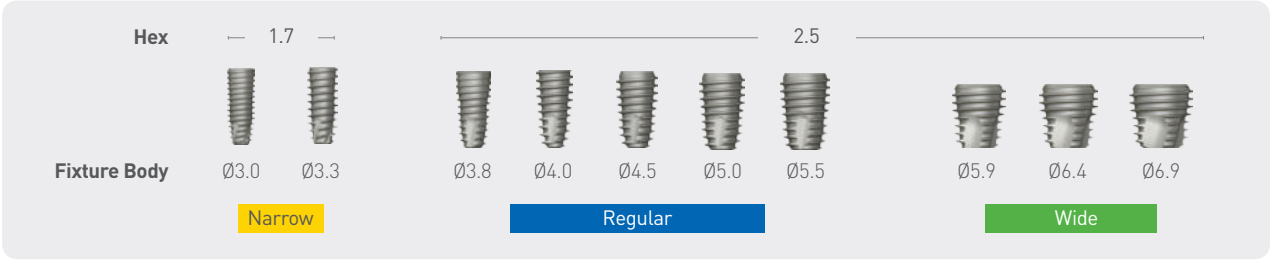
Instrument Kit

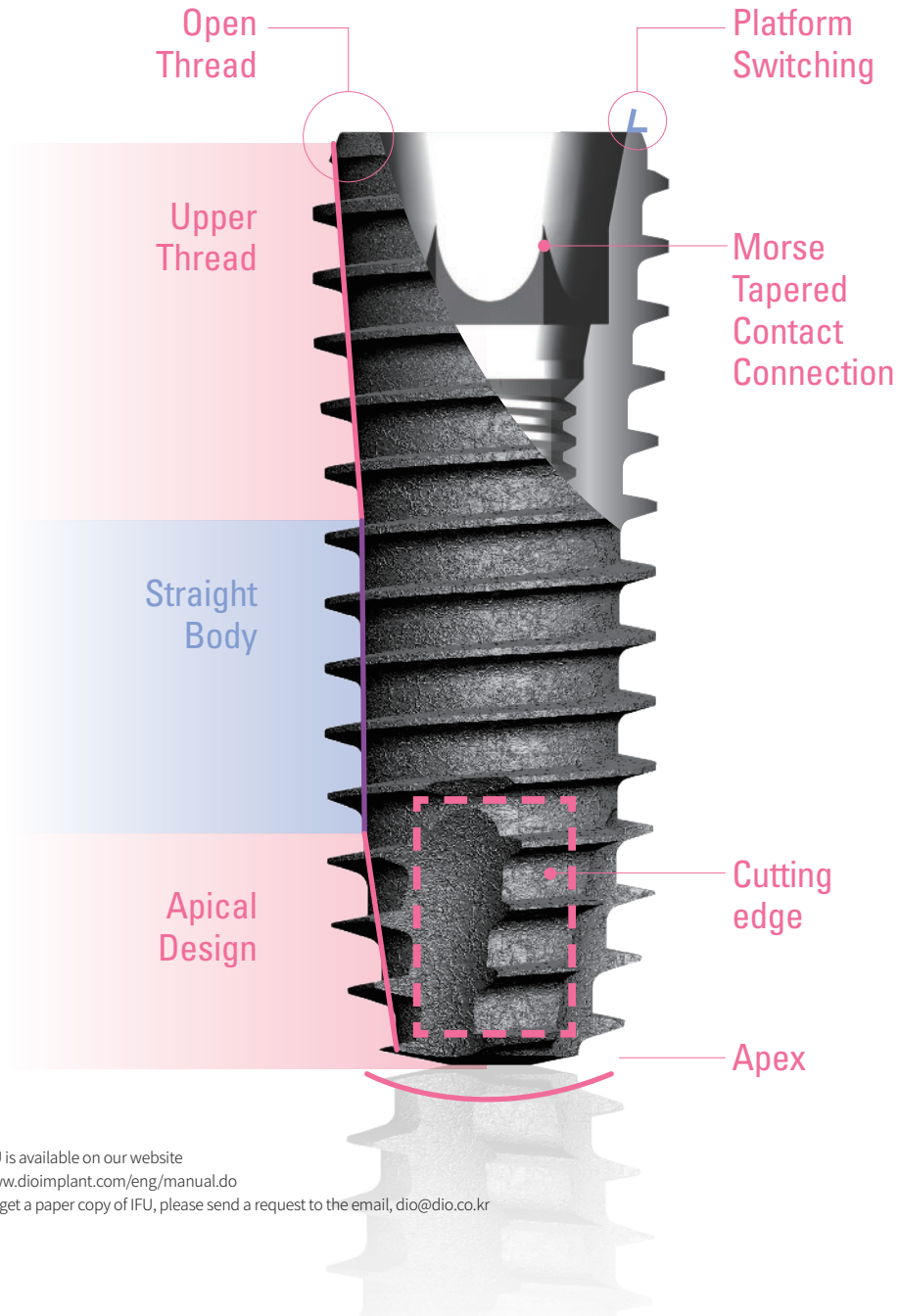


Implant Surface Treatment Feature

Hybrid Type SLA Implant

UFII Implant



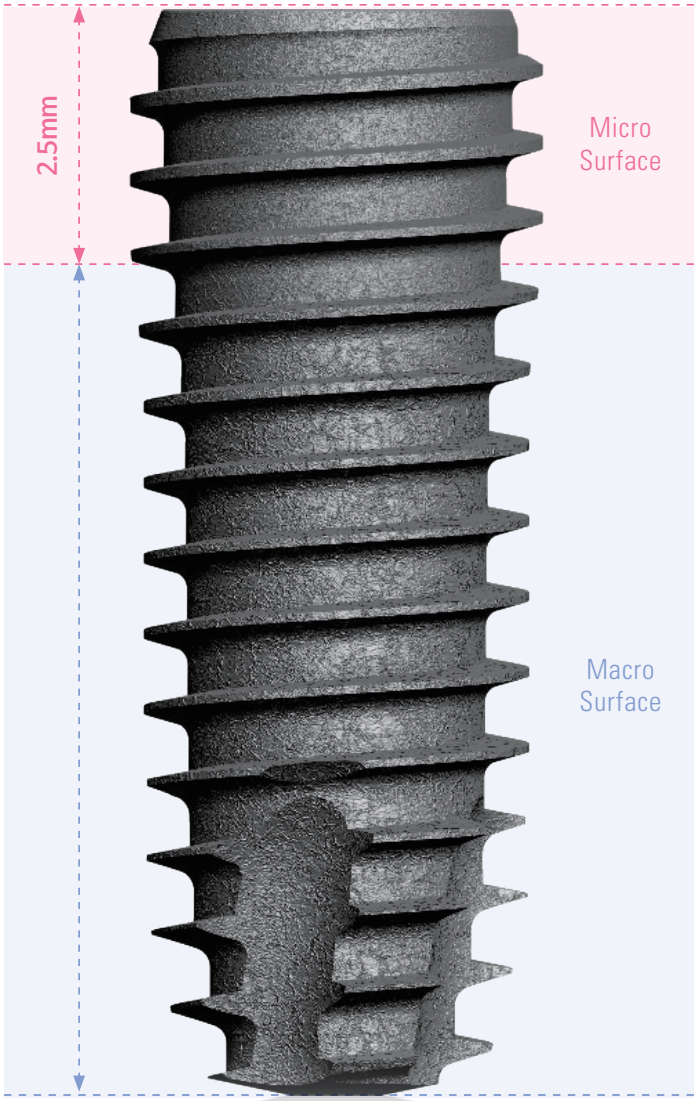


IFU is available on our website
www.dioimplant.com/eng/manual.do
To get a paper copy of IFU, please send a request to the email, dio@dio.co.kr

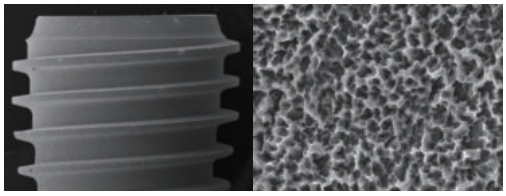
Surface Treatment Feature

Hybrid Sand Blast & Acid Etched

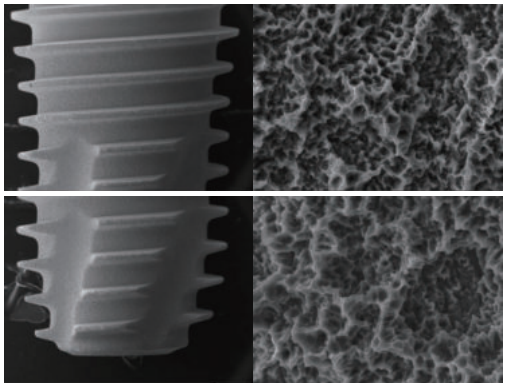
The upper part features a fine roughness to prevent peri-implantitis, while the body and apex areas employ the most suitable surface roughness for osseointegration.



Upper Body



Lower Body & Apex



UFⅡ Implant System | Internal Submerged Type

UFⅡ Narrow

D Ø3.0 | Ø3.3
L 8.5 | 10 | 11.5 | 13 | 15

HSA UV Active

UFⅡ Regular

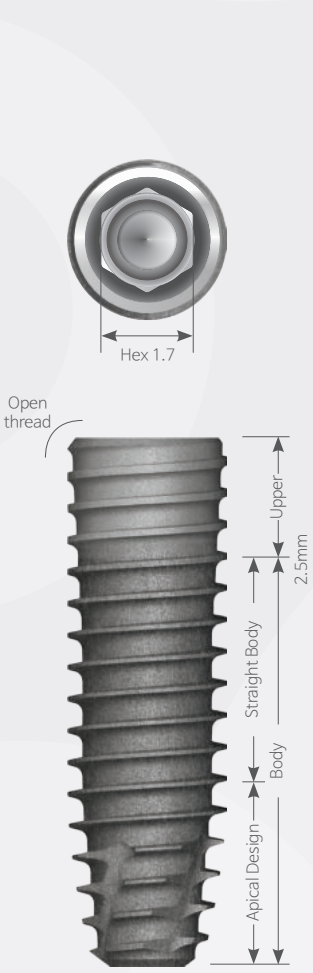
D Ø3.8 | Ø4.0 | Ø4.5 | Ø5.0 | Ø5.5
L 7 | 8.5 | 10 | 11.5 | 13 | 15 | 16

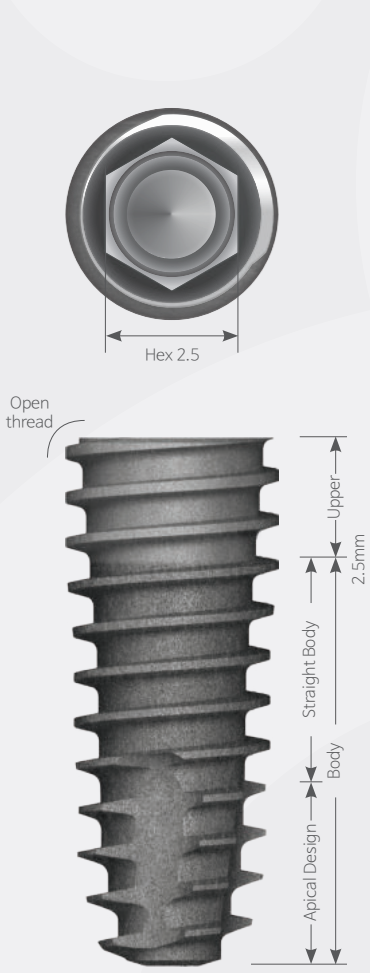
HSA UV Active

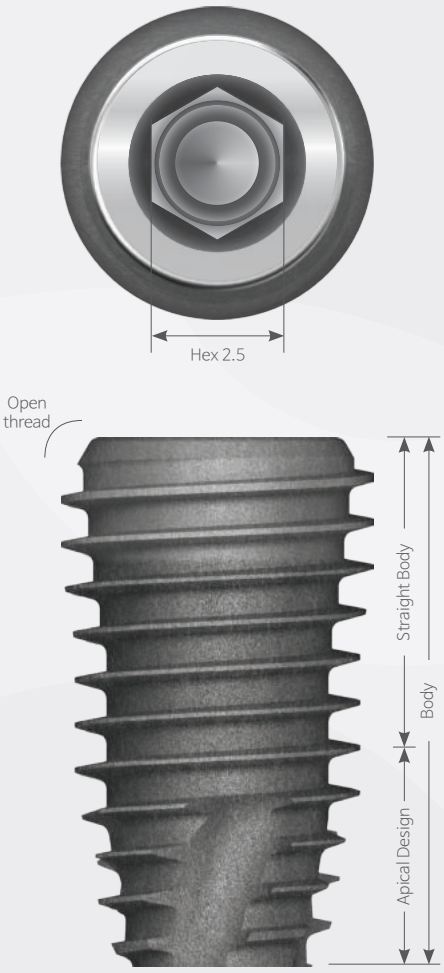
UFⅡ Wide

D Ø5.9 | Ø6.4 | Ø6.9
L 7 | 8.5 | 10 | 11.5 | 13

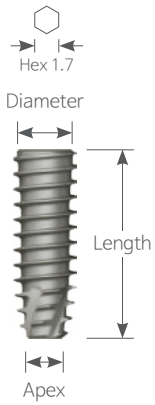
HSA UV Active



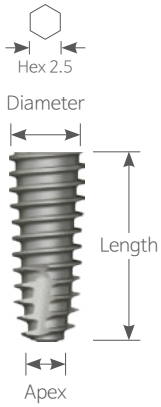




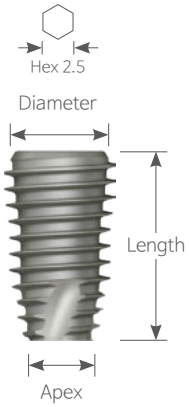
UFⅡ Narrow



UFⅡ Regular



UFⅡ Wide



Narrow Fixture

▸ Ø3.0 fixture exclusive for anterior teeth

· HSA / Packing Unit : Fixture | Order code : UF(Ⅱ)N 0000SF (ex : UF(Ⅱ)N 3008SF)

· Fixture + Cover Screw | Order code : UF(Ⅱ)N 0000S (ex : UF(Ⅱ)N 3008S)

· UV Active / Packing Unit : Fixture | Order code : UF(Ⅱ)N 0000UV3 (ex : UF(Ⅱ)N 3008UV3)

N D Ø3.0 Hex 1.7 Apex Ø1.6

Unit mm | Scale 1 : 1.2

Length	8.5	10	11.5	13	15
					
HSA	UF(Ⅱ)N **3008SF**	UF(Ⅱ)N **3010SF**	UF(Ⅱ)N **3011SF**	UF(Ⅱ)N **3013SF**	UF(Ⅱ)N **3015SF**
UV Active	UF(Ⅱ)N **3008UV3**	UF(Ⅱ)N **3010UV3**	UF(Ⅱ)N **3011UV3**	UF(Ⅱ)N **3013UV3**	-

N D Ø3.3 Hex 1.7 Apex Ø1.9

Length	8.5	10	11.5	13	15
					
HSA	UF(Ⅱ)N **3308SF**	UF(Ⅱ)N **3310SF**	UF(Ⅱ)N **3311SF**	UF(Ⅱ)N **3313SF**	UF(Ⅱ)N **3315SF**
UV Active	UF(Ⅱ)N **3308UV3**	UF(Ⅱ)N **3310UV3**	UF(Ⅱ)N **3311UV3**	UF(Ⅱ)N **3313UV3**	-

Regular Fixture

· HSA / Packing Unit : Fixture | Order code : UF(Ⅱ) 0000SF (ex : UF(Ⅱ) 3808SF)
· Fixture + Cover Screw | Order code : UF(Ⅱ) 0000S (ex : UF(Ⅱ) 3808S)
· UV Active / Packing Unit : Fixture | Order code : UF(Ⅱ) 0000UV3 (ex : UF(Ⅱ) 3808UV3)

R D Ø3.8 Hex 2.5 Apex Ø1.4

Unit mm | Scale 1 : 1.2

Length	7	8.5	10	11.5	13	15	16
HSA	-	UF(Ⅱ) 3808SF	UF(Ⅱ) 3810SF	UF(Ⅱ) 3811SF	UF(Ⅱ) 3813SF	UF(Ⅱ) 3815SF	UF(Ⅱ) 3816SF
UV Active	-	UF(Ⅱ) 3808UV3	UF(Ⅱ) 3810UV3	UF(Ⅱ) 3811UV3	UF(Ⅱ) 3813UV3	-	-

R D Ø4.0 Hex 2.5 Apex Ø1.6

Length	7(5.5)	7	8.5	10	11.5	13	15	16
HSA	UF(Ⅱ) 4005SF	UF(Ⅱ) 4007SF	UF(Ⅱ) 4008SF	UF(Ⅱ) 4010SF	UF(Ⅱ) 4011SF	UF(Ⅱ) 4013SF	UF(Ⅱ) 4015SF	UF(Ⅱ) 4016SF
UV Active	UF(Ⅱ) 4005UV3	UF(Ⅱ) 4007UV3	UF(Ⅱ) 4008UV3	UF(Ⅱ) 4010UV3	UF(Ⅱ) 4011UV3	UF(Ⅱ) 4013UV3	-	-

R D Ø4.5 Hex 2.5 Apex Ø1.6

Length	7(5.5)	7	8.5	10	11.5	13	15	16
HSA	UF(Ⅱ) 4505SF	UF(Ⅱ) 4507SF	UF(Ⅱ) 4508SF	UF(Ⅱ) 4510SF	UF(Ⅱ) 4511SF	UF(Ⅱ) 4513SF	UF(Ⅱ) 4515SF	UF(Ⅱ) 4516SF
UV Active	UF(Ⅱ) 4505UV3	UF(Ⅱ) 4507UV3	UF(Ⅱ) 4508UV3	UF(Ⅱ) 4510UV3	UF(Ⅱ) 4511UV3	UF(Ⅱ) 4513UV3	-	-

R D Ø5.0 Hex 2.5 Apex Ø2.0

Length	7(5.5)	7	8.5	10	11.5	13	15	16
HSA	UF(Ⅱ) 5005SF	UF(Ⅱ) 5007SF	UF(Ⅱ) 5008SF	UF(Ⅱ) 5010SF	UF(Ⅱ) 5011SF	UF(Ⅱ) 5013SF	UF(Ⅱ) 5015SF	UF(Ⅱ) 5016SF
UV Active	UF(Ⅱ) 5005UV3	UF(Ⅱ) 5007UV3	UF(Ⅱ) 5008UV3	UF(Ⅱ) 5010UV3	UF(Ⅱ) 5011UV3	UF(Ⅱ) 5013UV3	-	-

R D Ø5.5 Hex 2.5 Apex Ø2.5

Length	7(5.5)	7	8.5	10	11.5	13	15	16
								
HSA	UF(II) 5505SF	UF(II) 5507SF	UF(II) 5508SF	UF(II) 5510SF	UF(II) 5511SF	UF(II) 5513SF	UF(II) 5515SF	UF(II) 5516SF
UV Active	UF(II) 5505UV3	UF(II) 5507UV3	UF(II) 5508UV3	UF(II) 5510UV3	UF(II) 5511UV3	UF(II) 5513UV3	-	-

Wide Fixture

· HSA / Packing Unit : Fixture | Order code : UF(Ⅱ) 0000SF (ex : UF(Ⅱ) 6005SF)
· Fixture + Cover Screw | Order code : UF(Ⅱ) 0000S (ex : UF(Ⅱ) 6005S)
· UV Active / Packing Unit : Fixture | Order code : UF(Ⅱ) 0000UV3 (ex : UF(Ⅱ) 6005UV3)

W D Ø5.9 Hex 2.5 Apex Ø3.6

Unit mm I Scale 1 : 1.2

Length	7(5.5)	7	8.5	10	11.5	13
						
HSA	UF(II) 6005SF	UF(II) 6007SF	UF(II) 6008SF	UF(II) 6010SF	UF(II) 6011SF	UF(II) 6013SF
UV Active	UF(II) 6005UV3	UF(II) 6007UV3	UF(II) 6008UV3	UF(II) 6010UV3	UF(II) 6011UV3	UF(II) 6013UV3

W D Ø6.4 Hex 2.5 Apex Ø3.6

Length	7(5.5)	7	8.5	10	11.5	13
						
HSA	UF(II) 6505SF	UF(II) 6507SF	UF(II) 6508SF	UF(II) 6510SF	UF(II) 6511SF	UF(II) 6513SF
UV Active	UF(II) 6505UV3	UF(II) 6507UV3	UF(II) 6508UV3	UF(II) 6510UV3	UF(II) 6511UV3	UF(II) 6513UV3

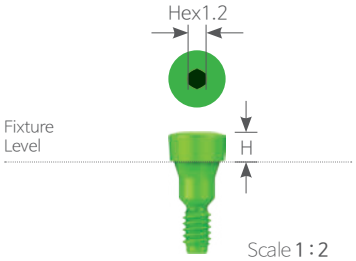
W D Ø6.9 Hex 2.5 Apex Ø3.6

Length	7(5.5)	7	8.5	10	11.5	13
						
HSA	UF(II) 7005SF	UF(II) 7007SF	UF(II) 7008SF	UF(II) 7010SF	UF(II) 7011SF	UF(II) 7013SF

Cover Screw

▸ Used for the narrow area after the Implant surgery or protecting the Implant connection area.

· Uses 1.2 Hex Driver
· Method of use
① Screw installation after removing the remaining blood or foreign substance in Implant.
② Connect the screw using 1.2 hex driver and hand-tighten (5~8Ncm)
③ Remove the screw if cold-welding occurs between the screw and implant.
· Tightening Torque : 5~8Ncm



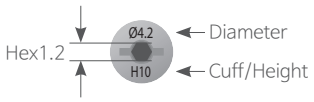
N R W Hex **1.2**

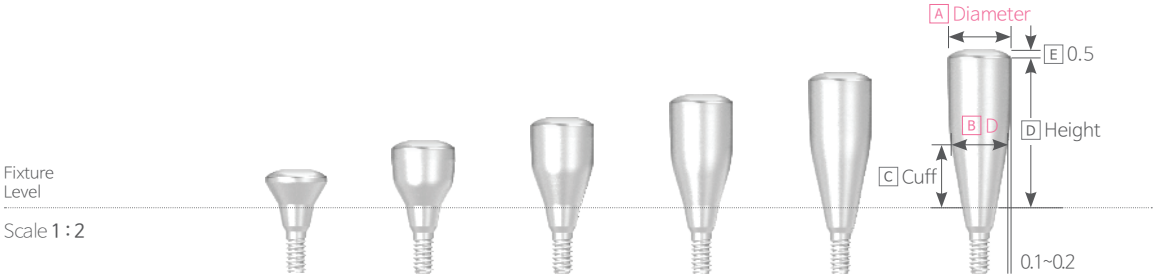
Unit mm I Scale 1 : 1.25

Fixture Size	Narrow	Regular · Wide	
			
Height 0	UNSCS **2700**	SSCS **3400**	-
1	UNSCS **2710**	-	SSCS **3410**
2	UNSCS **2720**	-	SSCS **3420**
3	UNSCS **2730**	-	SSCS **3430**

Healing Abutment

· Uses 1.2 Hex Driver
· Uses 0.5 Slot Driver
· Tightening Torque : 5~8Ncm





Ø4.2 X 5.5(3)mm REF UNSH 4035
A D E C B C D

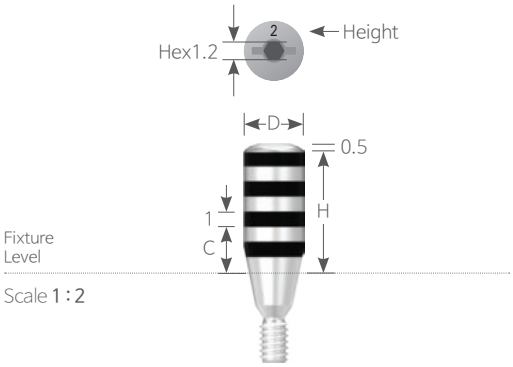
N Hex **1.2**

Unit mm I Scale 1 : 1.25

Fixture Size		Narrow			
		Ø4.1	Ø4.2	Ø4.6	Ø4.7
Cuff 2	Height 2	UNSHA **4020**	-	UNSHA **4520**	-
2	4	-	UNSHA **4024**	-	UNSHA **4524**
3	5.5	-	UNSHA **4035**	-	UNSHA **4535**
4	7	-	UNSHA **4047**	-	UNSHA **4547**
5	8.5	-	UNSHA **4058**	-	UNSHA **4558**
6	10	-	UNSHA **4060**	-	UNSHA **4560**

Healing Abutment

▸Used for small diameter abutment like Ball abutment
▸Used if the fixture is deeply placed
· Uses 1.2 Hex Driver
· Uses 0.5 Slot Driver
· Tightening Torque : 5~8Ncm

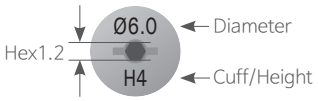


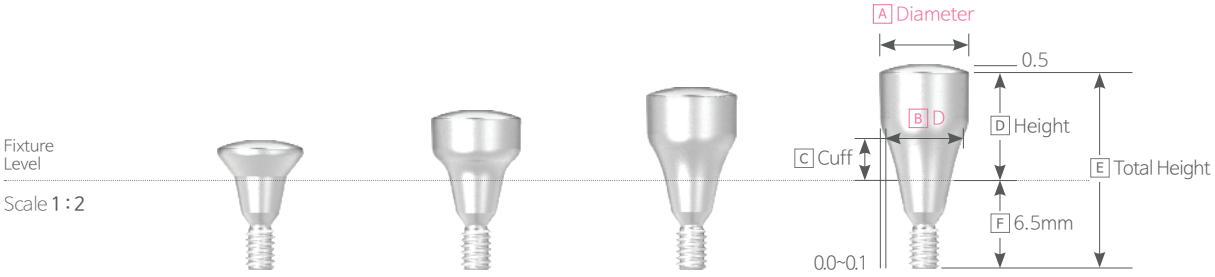
R W D Ø4.0 Hex **1.2**

Unit mm I Scale 1 : 1.25

Fixture Size	Regular · Wide			
Heigth	2	4	6	8
Cuff 2	SSHA **4020**	SSHA **4040**	SSHA **4060**	SSHA **4080**

· Uses 1.2 Hex Driver
· Uses 0.5 Slot Driver
· Tightening Torque : 5~8Ncm



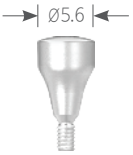


A & B, is identical in Regular.
B intend Ø in Regular.
E = D + F

Ø4.5 X 12(3)mm SSHA 4535
B E C B C D

R W Hex **1.2**

Unit mm I Scale 1 : 1.25

Fixture Size		Regular · Wide			
		 Ø4.6	 Ø5.6	 Ø6.6	 Ø7.6
Cuff 2	Height 2	SSHA **4520**	SSHA **5520**	SSHA **6520**	SSHA **7520**
2	4	SSHA **4524**	SSHA **5524**	SSHA **6524**	SSHA **7524**
3	5.5	SSHA **4535**	SSHA **5535**	SSHA **6535**	SSHA **7535**
4	7	SSHA **4547**	SSHA **5547**	SSHA **6547**	SSHA **7547**

Cement / Screw - Retained Restorations

Temporary / Cemented / Anlged / UCLA Abutment

Fixture - N R W

Abutment Screw

Temporary Abutment
023

Cemented Abutment
024P

Angled Abutment
027P

UCLA CCM Abutment
028P

Fixture Analog
022P

Pick-up Impression Coping
020P

Transfer Impression Coping
021P

UFII Narrow
011P

UFII Regular
012P

UFII Wide
013P

Cover Screw
014P

Healing Abutment
015P

Cement / Screw - Retained Restorations

Mill / UCLA Abutment

Fixture - R W

Abutment Screw

Mill Abutment 026P

UCLA Plastic Abutment 029P

Fixture Analog 022P

Pick-up Impression Coping 020P

Transfer Impression Coping 021P

UFII Regular 012P

UFII Wide 013P

Cover Screw 014P

Healing Abutment 015P

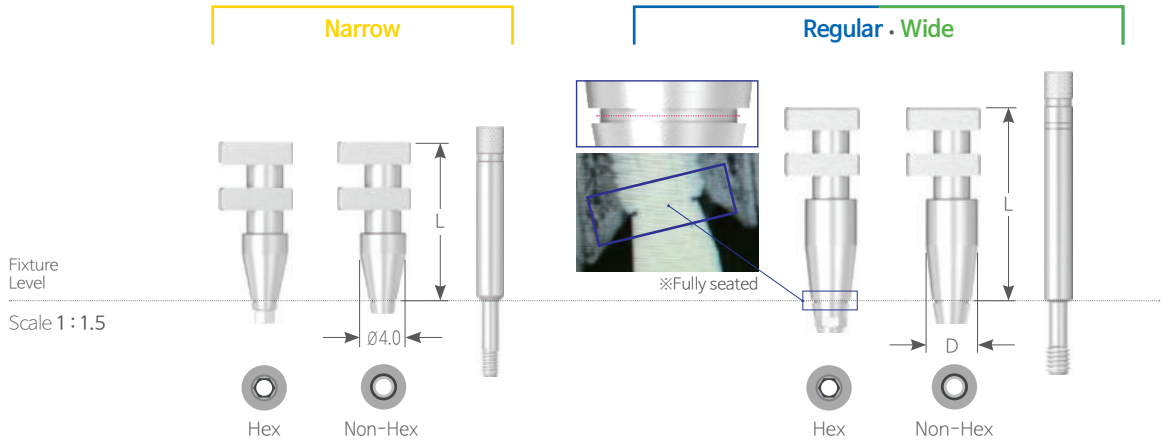
Abutment Components

Pick-up Impression Coping Hex Non-Hex

▸Open tray is used for pick-up type of impression taking.

· Uses 1.2 Hex Driver

· Packing Unit : Pick-up Impression Coping + Guide Pin



N R W Hex

Unit mm

Fixture Size	Narrow		Regular · Wide				
Diameter	Ø4.0	Guide Pin	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Guide Pin
Length 09	-	-	SSPI **4009H**	SSPI **4509H**	SSPI **5509H**	SSPI **6509H**	SSG **2021**
12	UNSPI **4012H**	UNSSG **1422**	-	-	-	-	-
13	-	-	SSPI **4013H**	SSPI **4513H**	SSPI **5513H**	SSPI **6513H**	SSG **2026**
14	UNSPI **4014H**	UNSSG **1422**	-	-	-	-	-
16	UNSPI **4016H**	UNSSG **1425**	-	-	-	-	-
17	-	-	SSPI **4017H**	SSPI **4517H**	SSPI **5517H**	SSPI **6517H**	SSG **2329**
19	-	-	SSPI **4019H**	SSPI **4519H**	SSPI **5519H**	SSPI **6519H**	SSG **2329**

N R W Non-Hex

Unit mm

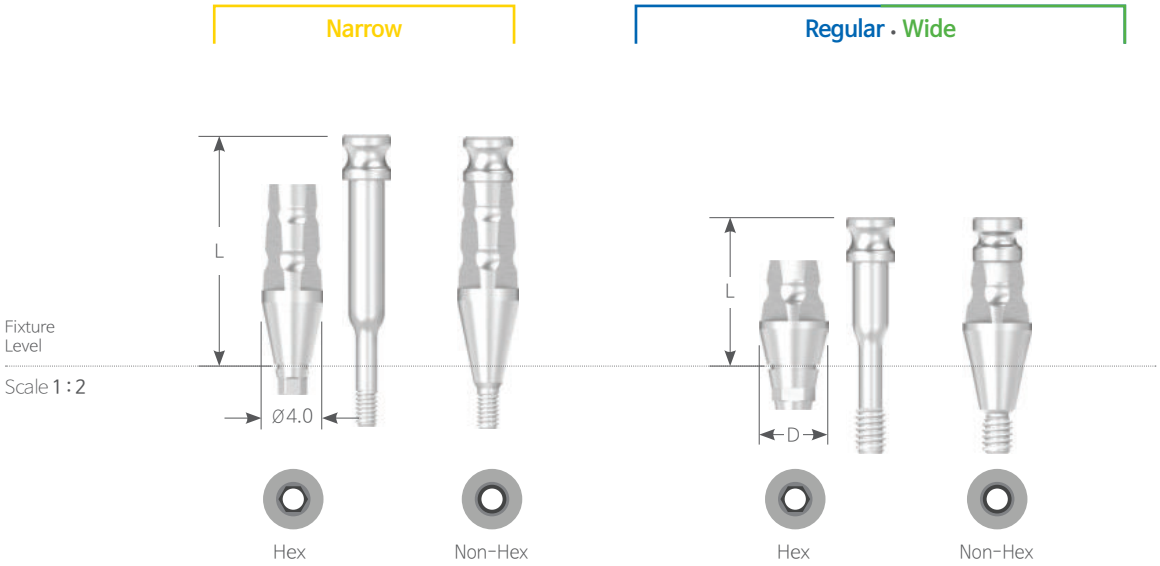
Fixture Size	Narrow		Regular · Wide				
Diameter	Ø4.0	Guide Pin	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Guide Pin
Length 09	-	-	SSPI **4009N**	SSPI **4509N**	SSPI **5509N**	SSPI **6509N**	SSG **2021**
12	UNSPI **4012N**	UNSSG **1422**	-	-	-	-	-
13	-	-	SSPI **4013N**	SSPI **4513N**	SSPI **5513N**	SSPI **6513N**	SSG **2026**
14	UNSPI **4014N**	UNSSG **1422**	-	-	-	-	-
16	UNSPI **4016N**	UNSSG **1425**	-	-	-	-	-
17	-	-	SSPI **4017N**	SSPI **4517N**	SSPI **5517N**	SSPI **6517N**	SSG **2329**
19	-	-	SSPI **4019N**	SSPI **4519N**	SSPI **5519N**	SSPI **6519N**	SSG **2329**

Abutment Components

Transfer Impression Coping Hex Non-Hex

▸Closed tray is used for transfer type of impression taking.

· Double sided structure increases quality.
· Uses 1.2 Hex Driver
· Hex type is two-piece structure and Non-Hex type is one-piece structure.
· Packing Unit : Transfer Impression Coping + Coping Screw (Hex)
Transfer Impression Coping (Non-Hex)



N R W Hex

Unit mm

Fixture Size	Narrow		Regular · Wide					
Diameter	Ø4.0	Screw	Ø4.0	Ø4.5	Screw	Ø5.5	Ø6.5	Guide Pin
Length 10	-	-	SSTI **4010H**	SSTI **4510H**	SSTI **4015S**	SSTI **5510H**	SSTI **6510H**	SSTI **6515S**
13	UNSTI **4013H**	UNSTI **4013S**	-	-	-	-	-	-
15	UNSTI **4015H**	UNSTI **4015S**	SSTI **4015H**	SSTI **4515H**	SSTI **4020S**	SSTI **5515H**	SSTI **6515H**	SSTI **6520S**
17	UNSTI **4017H**	UNSTI **4017S**	-	-	-	-	-	-

N R W Non-Hex

Unit mm

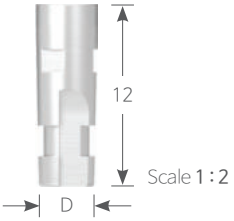
Fixture Size	Narrow	Regular · Wide			
Diameter	Ø4.0	Ø4.0	Ø4.5	Ø5.5	Ø6.5
Length 10	-	SSTI **4010N**	SSTI **4510N**	SSTI **5510N**	SSTI **6510N**
13	UNSTI **4013N**	-	-	-	-
15	UNSTI **4015N**	SSTI **4015N**	SSTI **4515N**	SSTI **5515N**	SSTI **6515N**
17	UNSTI **4017N**	-	-	-	-

Abutment Components

Fixture Analog

▸Replicates implant for the fabrication of prosthetics on the working model.

※ Non-medical devices



N **R** **W** Length **12**

Unit mm I Scale 1 : 1.25

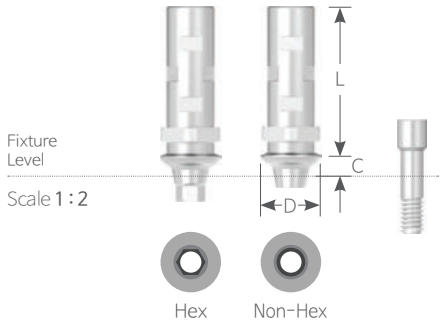
Fixture Size	Narrow	Regular · Wide
Diameter	Ø3.0	Ø4.0

UNSFA **3012**

SSFA **4012**

Temporary Abutment Hex Non-Hex

▸Used when temporary prosthesis is made
· Hex / Non-Hex type
· Uses 1.2 Hex Driver
· Packing Unit : Abutment + Abutment Screw
· Tightening Torque : N 20Ncm, R W 30~35Ncm



N R W Length **10**

Unit mm I Scale 1 : 1.25

Fixture Size	Narrow		Regular · Wide	
Diameter	Ø4.0		Ø4.5	
Type	Hex	Non-Hex	Hex	Non-Hex
Cuff 1	UNSTA **4010H [H]**	UNSTA **4010N [H]**	SSTA **4510H [H]**	SSTA **4510N [H]**
3	UNSTA **4030H [H]**	UNSTA **4030N [H]**	SSTA **4530H [H]**	SSTA **4530N [H]**
Abut. Screw	UNSAS **1407H**	UNSAS **1407H**	SSC **2008H**	SSC **2008H**

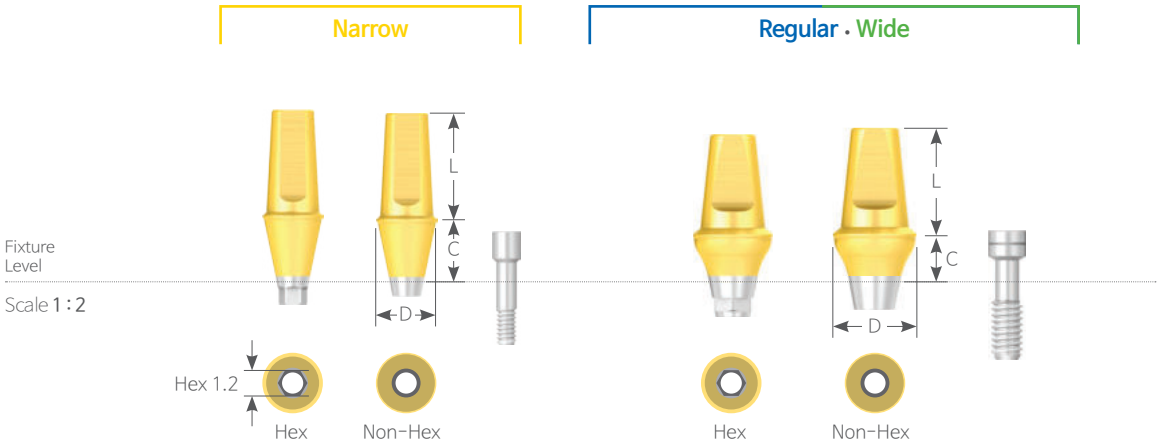
Cemented Abutment Hex Non-Hex

▸For cement retained prosthesis
· Gold colored gingival area for esthetic purpose
· Hex / Non-Hex type
· To prevent rotation of prosthesis, it has flap section
· Uses 1.2 Hex Driver
· Compatible with Solid Abutment Impression Cap
· Packing Unit : Abutment + Abutment Screw (N UNSAS 1407H, R W Ø4.5 : SSC2008SH / Ø5.5~Ø7.5 : SSC 2008H)
· Tightening Torque : N 20Ncm, R W 30~35Ncm

N R W Hex

Unit mm I Scale 1 : 1.25

Fixture Size	Narrow	Regular . Wide			
Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5
					
Length **4**					
Cuff 1	-	SSCA **45104H(II)[H]**	SSCA **55104H(II)[H]**	SSCA **65104H(II)[H]**	SSCA **75104H(II)[H]**
2	-	SSCA **45204H(II)[H]**	SSCA **55204H(II)[H]**	SSCA **65204H(II)[H]**	SSCA **75204H(II)[H]**
3	-	SSCA **45304H(II)[H]**	SSCA **55304H(II)[H]**	SSCA **65304H(II)[H]**	SSCA **75304H(II)[H]**
4	-	SSCA **45404H(II)[H]**	SSCA **55404H(II)[H]**	SSCA **65404H(II)[H]**	SSCA **75404H(II)[H]**
5	-	SSCA **45504H(II)[H]**	SSCA **55504H(II)[H]**	SSCA **65504H(II)[H]**	SSCA **75504H(II)[H]**
Screw	-	SSC **2008SH**	SSC **2008H**	SSC **2008H**	SSC **2008H**
Length **5.5**					
Cuff 1	UNSCA **40105H[H]**	SSCA **45105H(II)[H]**	SSCA **55105H(II)[H]**	SSCA **65105H(II)[H]**	SSCA **75105H(II)[H]**
2	UNSCA **40205H[H]**	SSCA **45205H(II)[H]**	SSCA **55205H(II)[H]**	SSCA **65205H(II)[H]**	SSCA **75205H(II)[H]**
3	UNSCA **40305H[H]**	SSCA **45305H(II)[H]**	SSCA **55305H(II)[H]**	SSCA **65305H(II)[H]**	SSCA **75305H(II)[H]**
4	UNSCA **40405H[H]**	SSCA **45405H(II)[H]**	SSCA **55405H(II)[H]**	SSCA **65405H(II)[H]**	SSCA **75405H(II)[H]**
5	UNSCA **40505H[H]**	SSCA **45505H(II)[H]**	SSCA **55505H(II)[H]**	SSCA **65505H(II)[H]**	SSCA **75505H(II)[H]**
6	UNSCA **40605H[H]**	-	-	-	-
7	UNSCA **40705H[H]**	-	-	-	-
Screw	UNSAS **1407H**	SSC **2008SH**	SSC **2008H**	SSC **2008H**	SSC **2008H**
Length **7**					
Cuff 1	UNSCA **40107H[H]**	SSCA **45107H(II)[H]**	SSCA **55107H(II)[H]**	SSCA **65107H(II)[H]**	SSCA **75107H(II)[H]**
2	UNSCA **40207H[H]**	SSCA **45207H(II)[H]**	SSCA **55207H(II)[H]**	SSCA **65207H(II)[H]**	SSCA **75207H(II)[H]**
3	UNSCA **40307H[H]**	SSCA **45307H(II)[H]**	SSCA **55307H(II)[H]**	SSCA **65307H(II)[H]**	SSCA **75307H(II)[H]**
4	UNSCA **40407H[H]**	SSCA **45407H(II)[H]**	SSCA **55407H(II)[H]**	SSCA **65407H(II)[H]**	SSCA **75407H(II)[H]**
5	UNSCA **40507H[H]**	SSCA **45507H(II)[H]**	SSCA **55507H(II)[H]**	SSCA **65507H(II)[H]**	SSCA **75507H(II)[H]**
6	UNSCA **40607H[H]**	-	-	-	-
7	UNSCA **40707H[H]**	-	-	-	-
Screw	UNSAS **1407H**	SSC **2008SH**	SSC **2008H**	SSC **2008H**	SSC **2008H**



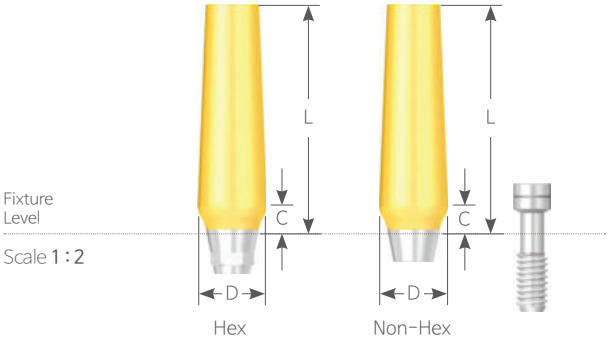
N R W Non-Hex

Unit mm I Scale 1 : 1.25

Fixture Size	Narrow	Regular · Wide			
Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5
Length **4**					
Cuff 1	-	SSCA **45104N (II)[H]**	SSCA **55104N (II)[H]**	SSCA **65104N (II)[H]**	SSCA **75104N (II)[H]**
2	-	SSCA **45204N (II)[H]**	SSCA **55204N (II)[H]**	SSCA **65204N (II)[H]**	SSCA **75204N (II)[H]**
3	-	SSCA **45304N (II)[H]**	SSCA **55304N (II)[H]**	SSCA **65304N (II)[H]**	SSCA **75304N (II)[H]**
4	-	SSCA **45404N (II)[H]**	SSCA **55404N (II)[H]**	SSCA **65404N (II)[H]**	SSCA **75404N (II)[H]**
5	-	SSCA **45504N (II)[H]**	SSCA **55504N (II)[H]**	SSCA **65504N (II)[H]**	SSCA **75504N (II)[H]**
Screw	-	SSC **2008SH**	SSC **2008H**	SSC **2008H**	SSC **2008H**
Length **5.5**					
Cuff 1	UNSCA **40105N [H]**	SSCA **45105N (II)[H]**	SSCA **55105N (II)[H]**	SSCA **65105N (II)[H]**	SSCA **75105N (II)[H]**
2	UNSCA **40205N [H]**	SSCA **45205N (II)[H]**	SSCA **55205N (II)[H]**	SSCA **65205N (II)[H]**	SSCA **75205N (II)[H]**
3	UNSCA **40305N [H]**	SSCA **45305N (II)[H]**	SSCA **55305N (II)[H]**	SSCA **65305N (II)[H]**	SSCA **75305N (II)[H]**
4	UNSCA **40405N [H]**	SSCA **45405N (II)[H]**	SSCA **55405N (II)[H]**	SSCA **65405N (II)[H]**	SSCA **75405N (II)[H]**
5	UNSCA **40505N [H]**	SSCA **45505N (II)[H]**	SSCA **55505N (II)[H]**	SSCA **65505N (II)[H]**	SSCA **75505N (II)[H]**
6	UNSCA **40605N [H]**	-	-	-	-
7	UNSCA **40705N [H]**	-	-	-	-
Screw	UNSAS **1407H**	SSC **2008SH**	SSC **2008H**	SSC **2008H**	SSC **2008H**
Length **7**					
Cuff 1	UNSCA **40107N [H]**	SSCA **45107N (II)[H]**	SSCA **55107N (II)[H]**	SSCA **65107N (II)[H]**	SSCA **75107N (II)[H]**
2	UNSCA **40207N [H]**	SSCA **45207N (II)[H]**	SSCA **55207N (II)[H]**	SSCA **65207N (II)[H]**	SSCA **75207N (II)[H]**
3	UNSCA **40307N [H]**	SSCA **45307N (II)[H]**	SSCA **55307N (II)[H]**	SSCA **65307N (II)[H]**	SSCA **75307N (II)[H]**
4	UNSCA **40407N [H]**	SSCA **45407N (II)[H]**	SSCA **55407N (II)[H]**	SSCA **65407N (II)[H]**	SSCA **75407N (II)[H]**
5	UNSCA **40507N [H]**	SSCA **45507N (II)[H]**	SSCA **55507N (II)[H]**	SSCA **65507N (II)[H]**	SSCA **75507N (II)[H]**
6	UNSCA **40607N [H]**	-	-	-	-
7	UNSCA **40707N [H]**	-	-	-	-
Screw	UNSAS **1407H**	SSC **2008SH**	SSC **2008H**	SSC **2008H**	SSC **2008H**

Mill Abutment Hex Non-Hex

▸Used when high customization in abutment path and prosthetic margins are needed.
· Abutment of cement retained type that uses dental cement to fix prosthesis in place
· Hex / Non-Hex type
· Anti-rotational feature on abutment post.
· Uses 1.2 Hex Driver
· Packing Unit : Abutment + Abutment Screw (SSC 2008H)
· Tightening Torque : 30~35Ncm



R W Hex Length 15

Unit mm I Scale 1 : 1.25

Fixture Size	Regular · Wide				
Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5
Cuff	1.5	2	2.5	3	3

SSMA **4015H [H]** SSMA **4520H [H]** SSMA **5525H [H]** SSMA **6530H [H]** SSMA **7530H [H]**

R W Non-Hex Length 15

Unit mm I Scale 1 : 1.25

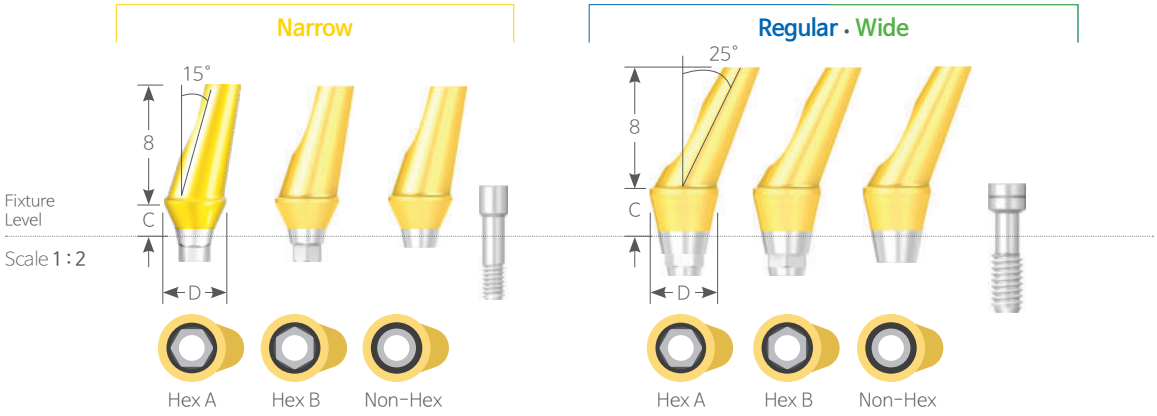
Fixture Size	Regular · Wide				
Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5
Cuff	1.5	2	2.5	3	3

SSMA **4015N [H]** SSMA **4520N [H]** SSMA **5525N [H]** SSMA **6530N [H]** SSMA **7530N [H]**

Angled Abutment Hex Non-Hex

▸Used to modify the fixture's path mainly used for anterior teeth.

· For Cement retained Type of Abutment
· Depending on the angle slope, it is categorized into 15° and 25° Angled Abutment
· Availability of A type and B type of hex part overcomes the limitation of direction of the abutment
· Gold colored gingival area for esthetic purpose
· Uses 1.2 Hex Driver
· Packing Unit : Abutment + Abutment Screw (N UNSAS 1407H, R W SSC 2008H)
· Tightening Torque : N 20Ncm, R W 30~35Ncm



N R W Hex A Length 8

Fixture Size	Narrow	Regular · Wide			
Diameter	Ø4.0	Ø4.5		Ø5.5	
Angle	15°	15°	25°	15°	25°
Cuff 1.5	-	SSAA 451515AH[H]	SSAA 451525AH[H]	SSAA 551515AH[H]	SSAA 551525AH[H]
2.0	UNSAA 402015AH[H]	SSAA 452015AH[H]	SSAA 452025AH[H]	SSAA 552015AH[H]	SSAA 552025AH[H]
3.0	-	SSAA 453015AH[H]	SSAA 453025AH[H]	SSAA 553015AH[H]	SSAA 553025AH[H]
4.0	UNSAA 404015AH[H]	SSAA 454015AH[H]	SSAA 454025AH[H]	SSAA 554015AH[H]	SSAA 554025AH[H]
5.0	-	SSAA 455015AH[H]	SSAA 455025AH[H]	SSAA 555015AH[H]	SSAA 555025AH[H]
Screw	UNSAS 1407H	SSC 2008H	SSC 2008H	SSC 2008H	SSC 2008H

N R W Hex B Length 8

Fixture Size	Narrow	Regular · Wide			
Cuff 1.5	-	SSAA 451515BH[H]	SSAA 451525BH[H]	SSAA 551515BH[H]	SSAA 551525BH[H]
2.0	UNSAA 402015BH[H]	SSAA 452015BH[H]	SSAA 452025BH[H]	SSAA 552015BH[H]	SSAA 552025BH[H]
3.0	-	SSAA 453015BH[H]	SSAA 453025BH[H]	SSAA 553015BH[H]	SSAA 553025BH[H]
4.0	UNSAA 404015BH[H]	SSAA 454015BH[H]	SSAA 454025BH[H]	SSAA 554015BH[H]	SSAA 554025BH[H]
5.0	-	SSAA 455015BH[H]	SSAA 455025BH[H]	SSAA 555015BH[H]	SSAA 555025BH[H]
Screw	UNSAS 1407H	SSC 2008H	SSC 2008H	SSC 2008H	SSC 2008H

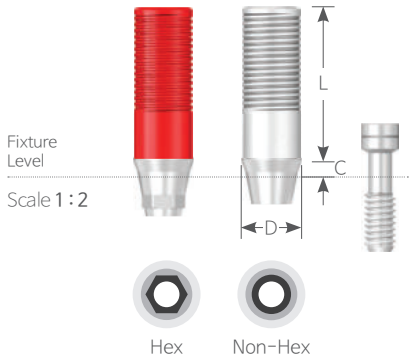
N R W Non-Hex Length 8

Fixture Size	Narrow	Regular · Wide			
Cuff 1.5	-	SSAA 451515N[H]	SSAA 451525N[H]	SSAA 551515N[H]	SSAA 551525N[H]
2.0	UNSAA 402015N[H]	SSAA 452015N[H]	SSAA 452025N[H]	SSAA 552015N[H]	SSAA 552025N[H]
3.0	-	SSAA 453015N[H]	SSAA 453025N[H]	SSAA 553015N[H]	SSAA 553025N[H]
4.0	UNSAA 404015N[H]	SSAA 454015N[H]	SSAA 454025N[H]	SSAA 554015N[H]	SSAA 554025N[H]
5.0	-	SSAA 455015N[H]	SSAA 455025N[H]	SSAA 555015N[H]	SSAA 555025N[H]
Screw	UNSAS 1407H	SSC 2008H	SSC 2008H	SSC 2008H	SSC 2008H

UCLA Abutment

UCLA CCM Abutment Hex Non-Hex

· After the customization, **non-precious metal alloy will be casted only**.
· Hex / Non-Hex type
· Uses 1.2 Hex Driver
· Packing Unit : Abutment + Abutment Screw (N UNSAS 1407H, R W SSC 2008H)
· Tightening Torque : N 20Ncm, R W 30~35Ncm
※ Non-medical devices



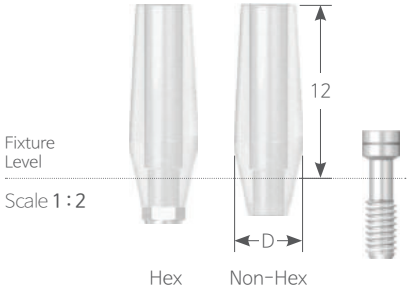
N R W Length **10**

Unit mm I Scale 1 : 1.25

Fixture Size	Narrow		Regular . Wide			
Diameter	Ø4.0	Ø4.0	Ø4.0	Ø4.0	Ø4.5	Ø4.5
Hex	Hex	Non-Hex	Hex	Non-Hex	Hex	Non-Hex
Cuff 1	UNSCCA **4010H**	UNSCCA **4010N**	CCSS **4010H [H]**	CCSS **4010N [H]**	CCSS **4510H [H]**	CCSS **4510N [H]**
3	UNSCCA **4030H**	UNSCCA **4030N**	-	-	CCSS **4530H [H]**	CCSS **4530N [H]**

UCLA Plastic Abutment Hex Non-Hex

· Less accuracy on connecting part compared to UCLA Gold Abutment.
· After the customization, **non-precious metal alloy will be casted only**.
· Be careful about fracture if deleted
· Hex / Non-Hex type
· Uses 1.2 Hex Driver
· Packing Unit : Abutment + Abutment Screw (SSC 2008H)
· Tightening Torque : Tightening smoothly before casting, 30~35Ncm after casting



R W Length **12**

Unit mm I Scale 1 : 1.25

Fixture Size	Regular · Wide			
Diameter	Ø4.5	Ø4.5	Ø5.5	Ø5.5
Type	Hex	Non-Hex	Hex	Non-Hex

SSPA **4512H[H]** SSPA **4512N[H]** SSPA **5512H[H]** SSPA **5512N[H]**

Cement-Retained Restorations

Solid Abutment

Fixture - N R W

Plastic Coping
033P

Solid Abutment Analog
033P

Impression Cap
032P

Solid Abutment
031P

Protect Cap
032P

UFII Narrow
011P

UFII Regular
012P

UFII Wide
013P

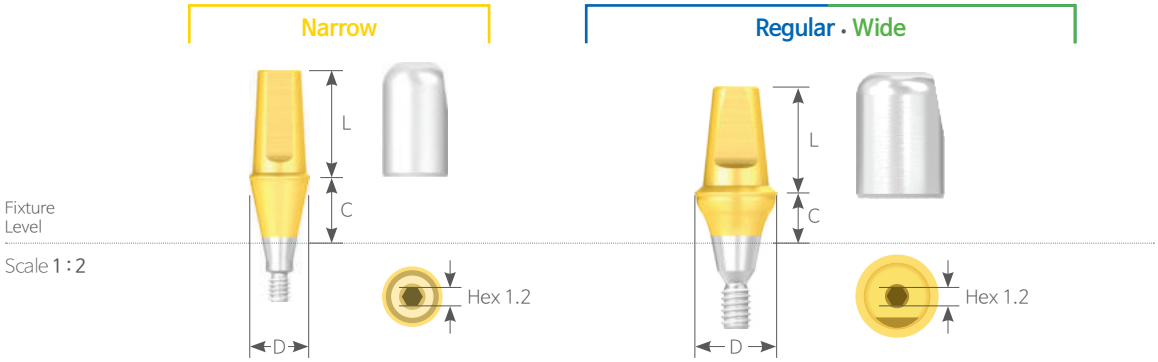
Cover Screw
014P

Healing Abutment
015P

Solid Abutment

▸Abutment of cement retained type that uses dental cement to fix prosthesis in place

· Abutment and screw are in one-piece structure.
· Taking impression at abutment level.
· Gold colored gingival area for esthetic purpose
· Uses1.2 Hex Driver / Solid Abutment Driver
· Packing Unit : Abutment + Protect Cap
· Tightening Torque : N 20Ncm, R W 30~35Ncm



N R W

Unit mm I Scale 1 : 1.25

Fixture Size	Narrow	Regular · Wide			
Abut. Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5
					
Abut. Length 4 Cuff 1	-	SSSA **45104**	SSSA **55104**	SSSA **65104**	SSSA **75104**
2	-	SSSA **45204**	SSSA **55204**	SSSA **65204**	SSSA **75204**
3	-	SSSA **45304**	SSSA **55304**	SSSA **65304**	SSSA **75304**
4	-	SSSA **45404**	SSSA **55404**	SSSA **65404**	SSSA **75404**
5	-	SSSA **45504**	SSSA **55504**	SSSA **65504**	SSSA **75504**
Abut. Length 5.5 Cuff 1	UNSSA **40105**	SSSA **45105**	SSSA **55105**	SSSA **65105**	SSSA **75105**
2	UNSSA **40205**	SSSA **45205**	SSSA **55205**	SSSA **65205**	SSSA **75205**
3	UNSSA **40305**	SSSA **45305**	SSSA **55305**	SSSA **65305**	SSSA **75305**
4	UNSSA **40405**	SSSA **45405**	SSSA **55405**	SSSA **65405**	SSSA **75405**
5	UNSSA **40505**	SSSA **45505**	SSSA **55505**	SSSA **65505**	SSSA **75505**
6	UNSSA **40605**	-	-	-	-
7	UNSSA **40705**	-	-	-	-
Abut. Length 7 Cuff 1	UNSSA **40107**	SSSA **45107**	SSSA **55107**	SSSA **65107**	SSSA **75107**
2	UNSSA **40207**	SSSA **45207**	SSSA **55207**	SSSA **65207**	SSSA **75207**
3	UNSSA **40307**	SSSA **45307**	SSSA **55307**	SSSA **65307**	SSSA **75307**
4	UNSSA **40407**	SSSA **45407**	SSSA **55407**	SSSA **65407**	SSSA **75407**
5	UNSSA **40507**	SSSA **45507**	SSSA **55507**	SSSA **65507**	SSSA **75507**
6	UNSSA **40607**	-	-	-	-
7	UNSSA **40707**	-	-	-	-

Solid Abutment Components

Protect Cap

▸Used to protect abutment in the patient's mouth and minimize discomfort for the patient.

· Can be applied to substructure of temporary prosthesis.

· Convenient locking mechanism.

Narrow | Regular · Wide

N R W

Unit mm I Scale 1 : 2

Fixture Size	Narrow	Regular · Wide			
Abut. Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5
Abut. Length 4	–	SSAC **4504**	SSAC **5504**	SSAC **6504**	SSAC **7504**
5.5	UNSAC **4005**	SSAC **4505**	SSAC **5505**	SSAC **6505**	SSAC **7505**
7	UNSAC **4007**	SSAC **4507**	SSAC **5507**	SSAC **6507**	SSAC **7507**

Impression Cap

▸Used for taking impression of Solid Abutment.

· Different coloring provides easy identification for abutment diameter.

· Convenient locking mechanism.

Scale 1 : 2

N R W Length **11**

Unit mm I Scale 1 : 1.25

Fixture Size	Narrow	Regular · Wide			
Abut. Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5

UNSAI **4011**

SSAI **4511**

SSAI **5511**

SSAI **6511**

SSAI **7511**

Solid Abutment Analog

· Solid Abutment is formed on working model.
· Different coloring provides easy identification for abutment diameter.

Scale 1 : 2

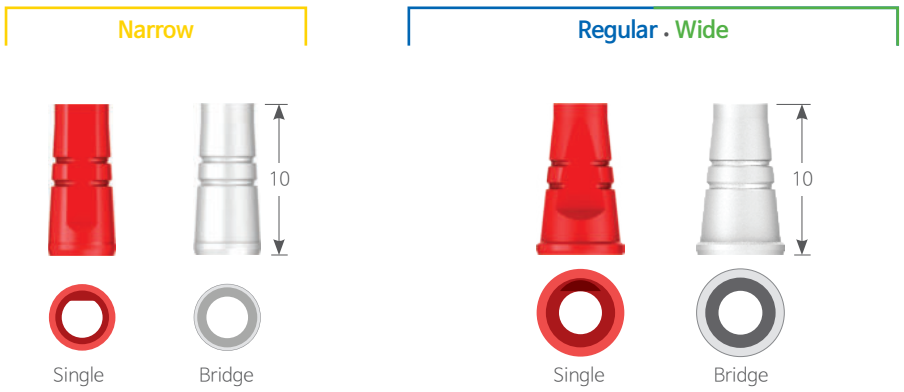
N R W

Unit mm I Scale 1 : 1.25

Fixture Size	Narrow	Regular · Wide			
Abut. Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5
					
Abut. Length 4	–	SSAA **4504**	SSAA **5504**	SSAA **6504**	SSAA **7504**
5.5	UNSSAA **4005**	SSAA **4505**	SSAA **5505**	SSAA **6505**	SSAA **7505**
7	UNSSAA **4007**	SSAA **4507**	SSAA **5507**	SSAA **6507**	SSAA **7507**

Plastic Coping

▸Can be used as prosthesis' frame work by installing Solid Fixture Analog.
· Different coloring provides easy identification on types of case.



N R W Length **10**

Unit mm I Scale 1 : 2

Fixture Size	Narrow	Regular · Wide			
Abut. Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5
● Single	UNSAP **4010S**	SSAP **4510S**	SSAP **5510S**	SSAP **6510S**	SSAP **7510S**
○ Bridge	UNSAP **4010B**	SSAP **4510B**	SSAP **5510B**	SSAP **6510B**	SSAP **7510B**

Screw-Retained Restorations

Octa Abutment

Fixture - R W

Cylinder Screw

Temporary Cylinder
037P

Cemented Cylinder
037P

Plastic Cylinder
038P

Octa Abutment Analog
036P

Pick-up
Impression Coping
036P

Transfer
Impression Coping
036P

Octa Abutment
035P

Healing Cap
035P

UFII Regular
012P

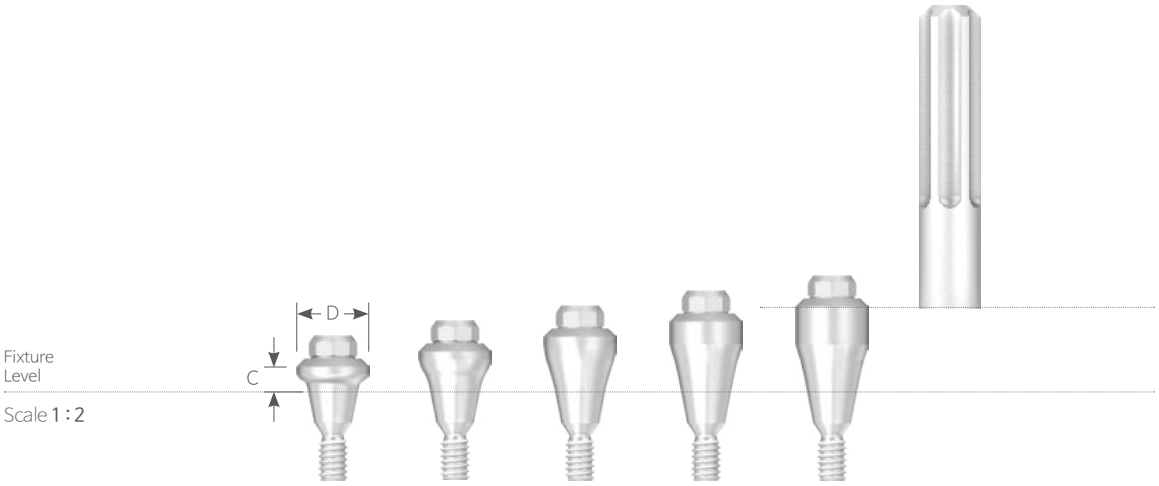
UFII Wide
013P

Cover Screw
014P

Healing Abutment
015P

Octa Abutment

▸Used to create screw retained prosthesis on poor path bridge case.
· Convert internal connection to external connection, and then use cylinder on it for prosthesis.
· Uses Octa Abutment Driver (HD 3006A-Short / HD 3012A-Long)
· Packing Unit : Octa Abutment + Abutment Holder (Convenient to install in patient's Mouth.)
· Tightening Torque : 30~35Ncm



R W

Unit mm I Scale 1 : 2

Fixture Size	Regular · Wide		
Diameter	Ø4.8	Ø6.0	Ø6.5
Cuff 1.5	SSOA **4815**	SSOA **6015**	SSOA **6515**
2.5	SSOA **4825**	SSOA **6025**	SSOA **6525**
3.5	SSOA **4835**	SSOA **6035**	SSOA **6535**
4.5	SSOA **4845**	SSOA **6045**	SSOA **6545**
5.5	SSOA **4855**	SSOA **6055**	SSOA **6555**

Healing Cap

▸To protect Octa Abutment in oral, and minimize the discomfort for patient.
· Uses 1.2 Hex Driver
· Packing Unit : Healing Cap + Cylinder Screw (STI 2004H)
· Tightening Torque : 5~8Ncm

R W

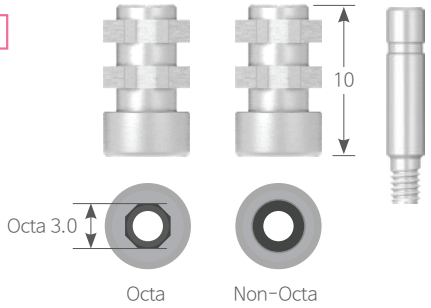
Unit mm I Scale 1 : 2

Fixture Size	Regular · Wide		
Abut. Diameter	Ø4.8	Ø6.0	Ø6.5
	HCI **48504 [H]**	HCI **60704 [H]**	HCI **65704 [H]**

Octa Abutment Components

Pick-up Impression Coping Octa Non-Octa

▸Open tray is used for pick-up type of impression taking.
· Asymmetry structure to minimize close interruption
· Uses 1.2 Hex Driver
· Packing Unit : Pick-up Impression Coping + Guide Pin (POI 2610)



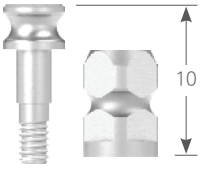
R W Length **10**

Unit mm I Scale 1 : 2

Fixture Size	Regular · Wide		
Abut. Diameter	Ø4.8	Ø6.0	Ø6.5
Octa	IPI **48610**	IPI **60710**	IPI **65710**
Non-Octa	IPI **48610N**	IPI **60710N**	IPI **65710N**

Transfer Impression Coping

▸Closed tray is used for transfer type of impression taking.
· Double sided structure which elevates the quality
· Uses 1.2 Hex Driver
· Packing Unit : Transfer Impression Coping + Coping Screw (IOTI 48010S)



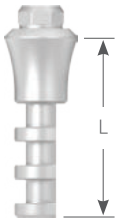
R W Length **10**

Unit mm I Scale 1 : 2

Fixture Size	Regular · Wide		
Abut. Diameter	Ø4.8	Ø6.0	Ø6.5
	IOTI **48010**	IOTI **60010**	IOTI **65010**

Octa Abutment Analog

▸Replicates Octa Abutment for fabrication of prosthetics on the working model.
※ Non-medical devices



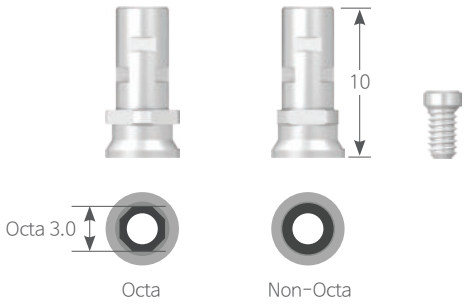
R W

Unit mm I Scale 1 : 2

Fixture Size	Regular · Wide		
Abut. Diameter	Ø4.8	Ø6.0	Ø6.5
Length 10	-	RCI **60014**	-
12	RCI **48014**	-	RCI **65014**

Temporary Cylinder Octa Non-Octa

· Uses 1.2 Hex Driver
· Packing Unit : Temporary Cylinder + Cylinder Screw (STI 2004H)
· Tightening Torque : 20Ncm



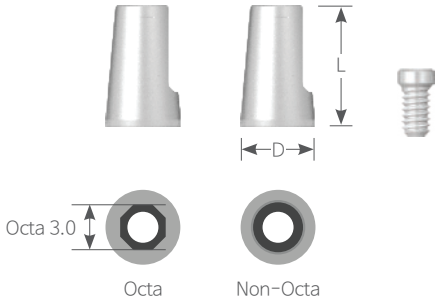
R W Length **10**

Unit mm I Scale 1 : 2

Fixture Size	Regular · Wide		
Abut. Diameter	Ø4.8	Ø6.0	Ø6.5
Octa	ITC **48010 [H]**	ITC **60010 [H]**	ITC **65010 [H]**
Non-Octa	ITC **48010N [H]**	ITC **60010N [H]**	ITC **65010N [H]**

Cemented Cylinder Octa Non-Octa

· Uses 1.2 Hex Driver
· Packing Unit : Cemented Cylinder + Cylinder Screw (STI 2004H)
· Tightening Torque : 20Ncm



R W

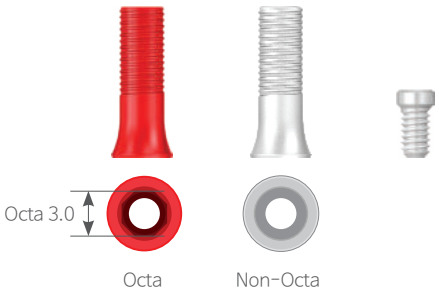
Unit mm I Scale 1 : 2

Fixture Size	Regular · Wide			
Abut. Diameter	Ø4.8	Ø4.8	Ø6.0	Ø6.5
Cylinder Diameter	Ø5.0	Ø5.8	Ø6.4	Ø6.9
Length	8	8	9	9
Octa	ICC **48508 [H]**	ICC **48588 [H]**	ICC **60649 [H]**	ICC **65309 [H]**
Non-Octa	ICC **48508N [H]**	ICC **48588N [H]**	ICC **60649N [H]**	ICC **65309N [H]**

Octa Abutment Components

Plastic Cylinder Octa Non-Octa

· After the customization, **non-precious metal alloy will be casted only**.
· Less accuracy on connecting part compared to Gold Cylinder.
· Uses 1.2 Hex Driver
· Packing Unit : Plastic Cylinder + Cylinder Screw(STI 2004H)
· Tightening Torque : 20Ncm
※ Non-medical devices



R W

Unit mm I Scale 1 : 2

Fixture Size	Regular · Wide		
Abut. Diameter	Ø4.8	Ø6.0	Ø6.5
Octa ●	API **48514[H]**	API **60714[H]**	API **65714[H]**
Non-Octa ○	API **48514N[H]**	API **60714N[H]**	API **65714N[H]**

Abutment Driver

· Only uses Octa Abutment

● Sold separately

K

Unit mm I Scale 1 : 1

Type	Short	Long
Code	HD **3006A**	HD **3012A**

Overdenture-Retained Restorations

Ball Abutment : O-Ring

Fixture - R W

O-Ring
043P

Retainer
042P

Ball Cap
042P

Ball Abutment Analog
042P

Ball Abutment
041P

UFII Regular
012P

UFII Wide
013P

Cover Screw
014P

Healing Abutment
015P

Overdenture-Retained Restorations

Ball Abutment : OT Cap

Fixture - N R W

Stainless Steel Housing

043P

OT Cap

043P

Ball Abutment Analog

042P

Ball Abutment

041P

UFII Narrow

011P

UFII Regular

012P

UFII Wide

013P

Cover Screw

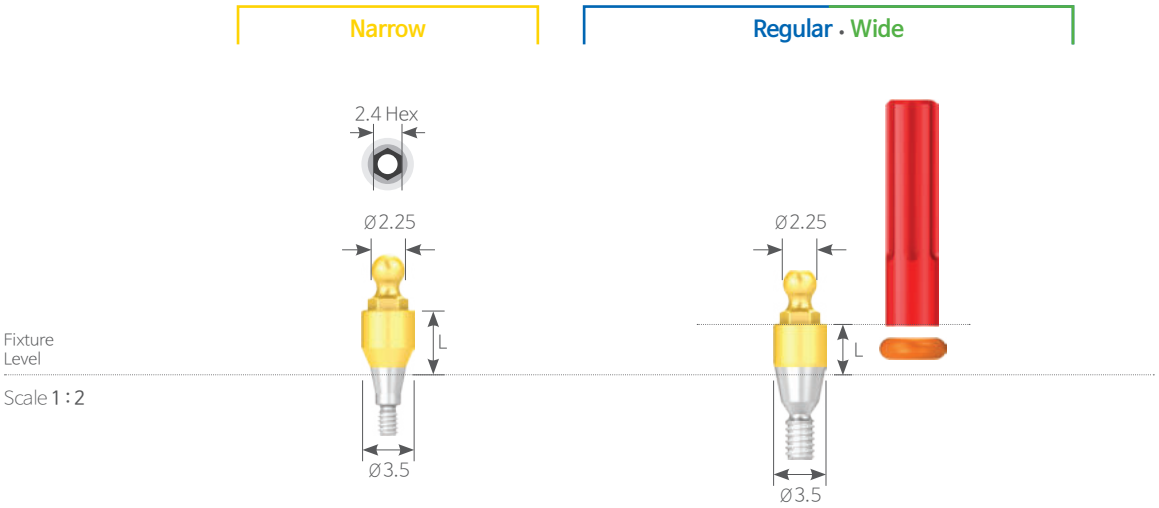
014P

Healing Abutment

015P

Ball Abutment

▸Used to create over-denture for edentulous patient.
▸Used when fixed type prosthesis is difficult due to severe bone or soft tissue loss.
· Composition of o-ring: For dental lab use (black), for clinic use (orange)
· Post partis coloring in gold
· Path recovery to the maximum of 20°
· Uses Ball Abutment Driver
· N Ball Abutment + Ball Abutment Holder, R W Ball Abutment + Ball Abutment Holder + O-Ring(Orange : OR 0450O)
· Tightening Torque : N 20Ncm, R W 30~35Ncm



N R W

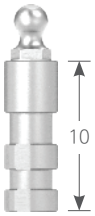
Unit mm

Fixture Size	Narrow	Regular · Wide
Diameter	Ø3.5	Ø3.5
Length 1	UNSBA **3510**	SSBA **3510**
2	UNSBA **3520**	SSBA **3520**
3	UNSBA **3530**	SSBA **3530**
4	UNSBA **3540**	SSBA **3540**
5	UNSBA **3550**	SSBA **3550**
6	UNSBA **3560**	SSBA **3560**
7	UNSBA **3570**	-

Ball Abutment Components

Ball Abutment Analog

▸Provides anchor point for ball abutment on working model.



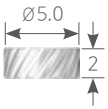
N R W Length **10**

Unit mm I Scale 1 : 2

Fixture Size	Narrow	Regular . Wide
Abut. Diameter	Ø3.5	Ø3.5
	UNSBAA **3510**	SABA **3510**

Retainer

· Advantageous when occlusal distance is low compare to Ball Cap.
· Packing Unit : Retainer + O-Ring (OR 0450B / OR 0450O)



N R W **D Ø5.0** Length **2**

Unit mm I Scale 1 : 2

Fixture Size	Narrow . Regular . Wide
	RT **0502**

Ball Cap

· Outstanding consistency and clip-on
· Packing Unit : Ball Cap + O-Ring (OR 0450B / OR 0450O)

N R W **D Ø5.0** Length **4**

Unit mm I Scale 1 : 2

Fixture Size	Narrow . Regular . Wide
	BC **5004**

O-Ring

· Black : For dental lab use
· Orange : For clinic use (Over 6Ncm)
· Packing Unit : O-Ring 1 Piece

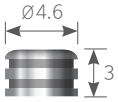
N R W **D Ø4.5**

Unit mm I Scale 1 : 2

Fixture Size	Narrow · Regular · Wide	
	OR **0450B**	OR **0450O**
Color	● Black	● Orange

Stainless Steel Housing

· The new stainless steel housing decrease the size that can provide better stability and retention with resin.
· Packing Unit : 2 Pieces



N R W **D Ø4.5** Length **3**

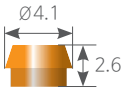
Unit mm I Scale 1 : 2

Fixture Size	Narrow · Regular · Wide

041CAN

OT Cap Orange

· Provides enhanced holding strength with its wider contact surface compared to a standard O-Ring.
· Packing Unit : 6 Pieces
※ A cap specifically designed for laboratory use is not provided; please replace the cap after completing the denture fabrication process.



N R W **D Ø4.1** Length **2.6**

Unit mm I Scale 1 : 2

Fixture Size	Narrow · Regular · Wide

049PCNDR8

Insertion Tool For Caps

▸ Utilized for placing caps into Stainless Housing.
· The tip is crafted for versatile use in both directions, suitable for both Normal and Micro-sized caps.
· Packing Unit : Handle + Tip

N R W

Fixture Size	Narrow · Regular · Wide

085IAC

Remover Tool For Caps

▸ Utilized for taking off caps from Stainless Housing.
· This tool is compatible with both Normal and Micro-sized caps.

N R W

Fixture Size	Narrow · Regular · Wide

091EC

Screw-Retained Restorations

Multiunit Abutment

Fixture - R W

Cylinder Screw

Cemented Cylinder
048P

Plastic Cylinder
048P

Temporary Cylinder
048P

Digital Analog
049P

Abutment Analog
049P

H-Scanbody
047P

Scan Adapter
047P

Pick-up Impression Coping
046P

Transfer Impression Coping
046P

Healing Cap
046P

Multiunit Straight Abutment
045P

Healing Cap
046P

Multiunit Angled Abutment
045P

UFII Regular
012P

UFII Wide
013P

Cover Screw
014P

Healing Abutment
015P

Multiunit Straight Abutment

▸Use it to fabricate a screw-retained prosthesis in a bridge case with diffrent path.
· Screw-Retained type
· Tightening Torque : R W 30~35Ncm
· Packing unit : Multiunit Straight Abutment + Multiunit Straight Abutment Holder (MSAH 4820)
· Use Ø2.0 Multiunit Straight Abutment Driver (HD 2012A)

R W D Ø4.8 Unit mm

Cuff	1.5	2.5	3.5	4.5	5.5	6.5	7.5
	MSA **4801**	MSA **4802**	MSA **4803**	MSA **4804**	MSA **4805**	MSA **4806**	MSA **4807**

Multiunit Angled Abutment

· Screw Retained type (Post Hex type)
· Multiunit Angled Abutment and Fixture (UFII Regular/Wide) are fastened with the Multiunit Angled Abutment Screw (MASC 2006).
· Muliunit Angled Abutment is path compensate Maximum up to 60 °
· Tightening Torque : R W 30~35Ncm
· Packing unit : Multiunit Angled Abutment + Multi Angled Abutment Screw
+ Multiunit Angled Abutment Holder (MAH 1629)
· Use Multiunit Angled Abutment Driver : MHD 1215A (Ratchet) / MMD 1224 (Machine)

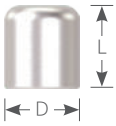
R W D Ø4.8 Hex

Fixture Size	Regular · Wide			
Diameter	Hex		Non-Hex	
Type	20°	30°	20°	30°
Cuff 2.5	MAA **482520H**	-	MAA **482520N**	-
3.5	MAA **483520H**	MAA **483530H**	MAA **483520N**	MAA **483530N**
4.5	MAA **484520H**	MAA **484530H**	MAA **484520N**	MAA **484530N**
5.5	MAA **485520H**	MAA **485530H**	MAA **485520N**	MAA **485530N**
6.5	MAA **486520H**	MAA **486530H**	MAA **486520N**	MAA **486530N**
7.5	MAA **487520H**	MAA **487530H**	MAA **487520N**	MAA **487530N**

Multiunit Abutment Components

Healing Cap

· To protect Abutment and minimize the discomfort in the patient's mouth
· Uses 1.2 Hex Driver
· Tightening Torque : 5~8Ncm



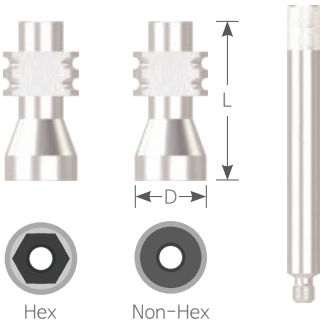
R W **D Ø5.0** Length **5.5**

Unit mm I Scale 1 : 2

Code	MHC **5005**

Pick-up Impression Coping

· Pick-up type Impression Coping to take an abutment level impression.
· Used with an Open tray
· Only for Multiunit Abutment
· Uses 1.2 Hex Driver
· Packing Unit : Pick-up Impression Coping + Guide Pin(MGP 1615)



R W **D Ø4.8** Length **11**

Unit mm I Scale 1 : 2

Type	Hex	Non Hex
	MPI **4811H**	MPI **4811N**

Transfer Impression Coping

· Transfer type Impression Coping to take an abutment level impression.
· Used with Closed tray
· Only for Multiunit Abutment
· Uses 1.2 Hex Driver

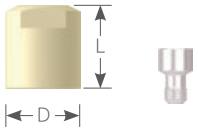
R W **D Ø4.8** Length **8**

Unit mm I Scale 1 : 2

Code	MTI **4808N**

H-Scan body

· Only use Multiunit Abutment
· Use for digital Impression taking
· Uses 1.2 Hex Driver
· Packing Unit : H-Scan body + H-Scanbody Screw (MHSBSC 1603)
· Tightening Torque : 5~8Ncm



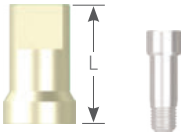
R W **D Ø5.0** Length **5.6**

Unit mm I Scale 1 : 2

Code	MHSB **5005H**

Scan Adapter

· Use for digital Impression taking
· Uses 1.2 Hex Driver
· Packing Unit : Scan Adapter + Coping Screw (MCSC 1606)
· Tightening Torque : 5~8Ncm



R W **D Ø4.8** Length 8

Unit mm I Scale 1 : 2

Code	MSCAN **4808H**

Multi Angled Abutment Jig

· Auxiliary tool for convenient and accurate delivery and attachment of multi angled abutment in the oral cavity
·Use by assembling the multi abutment and abutment driver(MHD 1215A) onto the jig provided to the dental clinic
·Only use multi angled abutment
·Packing Unit : Multi Angled Abutment Jig + Screw(MAJS 1604)

R W

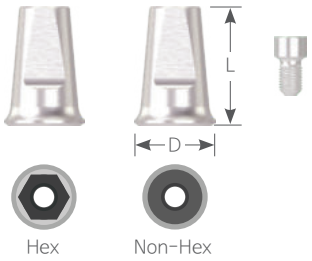
Unit mm I Scale 1 : 2

Code	MAJ **02**

Multiunit Abutment Components

Cemented Cylinder Hex Non-Hex

· Used to fabricate cement-retained prosthesis.
· Uses 1.2 Hex Driver
· Packing Unit : Cemented Cylinder + Cylinder Screw (MSC 1604)
· Tightening Torque : 20Ncm



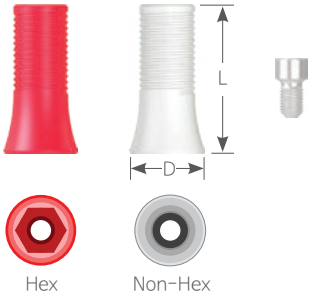
R W D Ø5.4 Length 8

Unit mm I Scale 1 : 2

Type	Hex	Non Hex
	MCEM **5408H**	MCEM **5408N**

Plastic Cylinder Hex Non-Hex

· Used to fabricate prosthesis with casting with non-precious metal alloys.
· Color Type : Hex type(Red), Non-Hex type(White)
· Uses 1.2 Hex Driver
· Packing Unit : Plastic Cylinder + Cylinder Screw(MSC 1604)
· Tightening Torque : 20Ncm



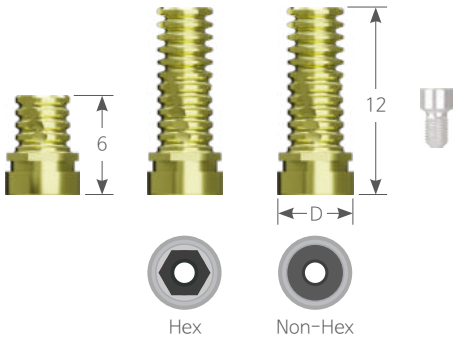
R W D Ø5.0 Length 10

Unit mm I Scale 1 : 2

Type	Hex	Non Hex
	MPLA **5010H**	MPLA **5010N**

Temporary Cylinder Hex Non-Hex

· Used to fabricate temporary prosthesis.
· Uses 1.2 Hex Driver
· Packing Unit : Temporary Cylinder+ Cylinder Screw(MSC 1604)
· Tightening Torque : 20Ncm



R W D Ø4.8

Unit mm I Scale 1 : 2

Type	Hex	Non Hex
Length **6**	MTEM **4806H**	MTEM **4806N**
Length **12**	MTEM **4812H**	MTEM **4812N**

Cylinder Screw

R W Length 4

Unit mm I Scale 1 : 2

Code	MSC 1604

Abutment Analog

· Replicates Multiunit Straight/Angled Abutment for fabrication of prosthetics on the working model.

R W D Ø4.8 Length 15

Unit mm I Scale 1 : 2

Code	MLA 4815H

Digital Analog

· Provides anchor point for Multiunit Abutment on 3D printed model.

R W D Ø4.8 Length 14.7

Unit mm I Scale 1 : 2

Code	MDAR 4814

Surgical Tool

Screw Driver

· Only uses Multiunit Angled Abutment (ex : MAA 0000)

● Sold separately

K Hex 1.2

Unit mm I Scale 1 : 1

Type	Machine	Ratchet
Code	MMD 1224	MHD 1215A

Anatomic Abutment

· The library can be downloaded from the website
(https://hq.dionavi.com/cad/cadlib.do)

Scan Adapter Function

Marking

L25 · L Lower Incisor 2 Cuff Height 5 Post Height
U25 · U Upper Incisor 2 Cuff Height 5 Post Height
C25 · C Canine 2 Cuff Height 5 Post Height
P25 · P Pre-Molar 2 Cuff Height 5 Post Height
M25 · M Molar 2 Cuff Height 5 Post Height

Attention

0.5 unit marking exempted in accordance with marketing
ex) Cuff 2.5 = 2 / Post 5.5 = 5

Protect Cap
Lock-Groove

Shoulder Margin

UF II Connection

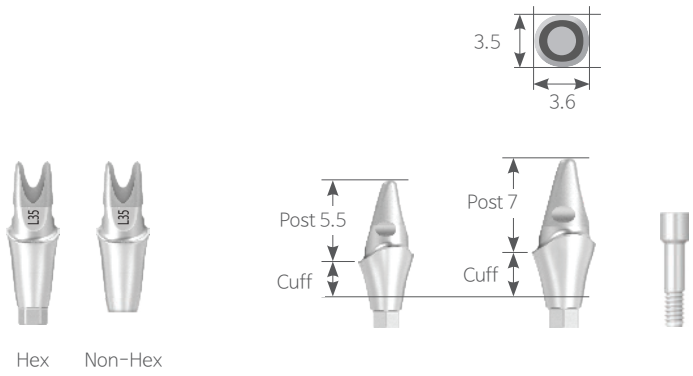
UF II Connection | UFII Narrow Connection | Non-Hex

	Lower Incisor	Upper Incisor	Canine	Pre-Molar	Molar
Cross Section					
Cervical Margin Cross Section					
Facial Side	→	→	→	→	→
Connection	UF(II) Narrow	UF(II) Narrow / UF(II)	UF(II)	UF(II)	UF(II)
Cervical Margin Dimension (Mesiodistal x faciolingual)	5 X 5.2	6.1 X 5.7	5.3 X 6.3	5.8 X 6.8	7.3 X 7.8
Ratio (%)	70%	70% / 85%	85%	85%	85%

Lower Incisor

UFII Narrow Anatomic Abutment Hex Non-Hex

· Packing Unit : Abutment + Abutment Screw (ex DLN 2555H)
Abutment + Abutment Screw + Protect Cap [c] (ex DLN 2555H[C])
· Abutment Screw : UNSAS 1407H (Only compatible with the screw included.)



N Post 5.5

Unit mm I Scale 1 : 1.25

Cuff	2.5	3.5	4.5	5.5	Protect Cap
					
Hex	DLN **2555H[C]**	DLN **3555H[C]**	DLN **4555H[C]**	DLN **5555H[C]**	DCLN **55**
Non-Hex	DLN **2555N[C]**	DLN **3555N[C]**	DLN **4555N[C]**	DLN **5555N[C]**	DCLN **55**
Marking	L 25	L 35	L 45	L 55	-

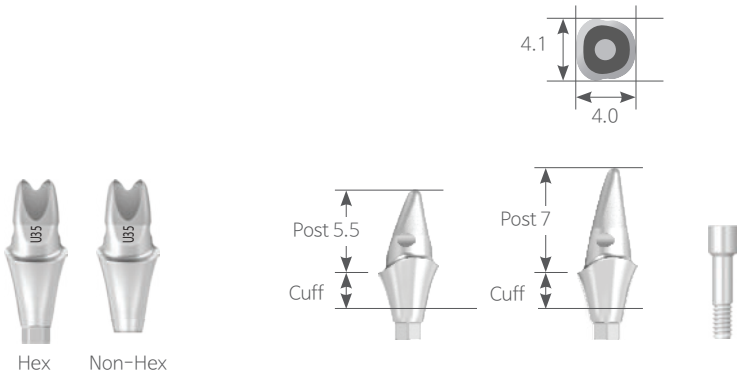
N Post 7.0

Cuff	2.5	3.5	4.5	5.5	Protect Cap
					
Hex	DLN **2570H[C]**	DLN **3570H[C]**	DLN **4570H[C]**	DLN **5570H[C]**	DCLN **70**
Non-Hex	DLN **2570N[C]**	DLN **3570N[C]**	DLN **4570N[C]**	DLN **5570N[C]**	DCLN **70**
Marking	L 27	L 37	L 47	L 57	-

Upper Incisor

UFII Narrow Anatomic Abutment Hex Non-Hex

· Packing Unit : Abutment + Abutment Screw (ex DUN 2555H)
Abutment + Abutment Screw + Protect Cap [c] (ex DUN 2555H[C])
· Abutment Screw : UNSAS 1407H (Only compatible with the screw included.)



N Post 5.5

Unit mm I Scale 1 : 1.25

Cuff	2.5	3.5	4.5	5.5	Protect Cap
Hex	DUN **2555H[C]**	DUN **3555H[C]**	DUN **4555H[C]**	DUN **5555H[C]**	DCUN **55**
Non-Hex	DUN **2555N[C]**	DUN **3555N[C]**	DUN **4555N[C]**	DUN **5555N[C]**	DCUN **55**
Marking	U 25	U 35	U 45	U 55	-

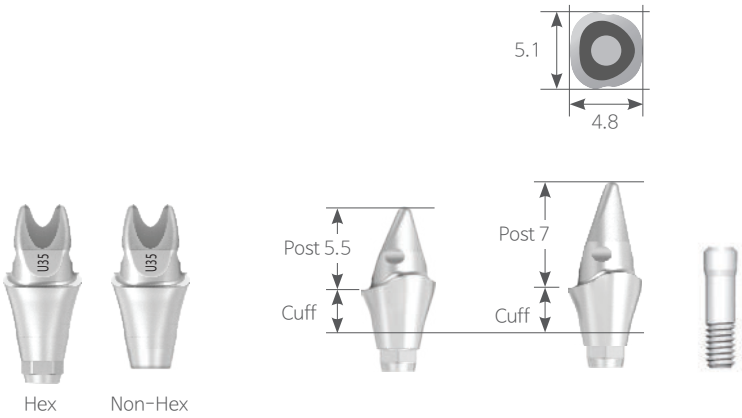
N Post 7.0

Cuff	2.5	3.5	4.5	5.5	Protect Cap
Hex	DUN **2570H[C]**	DUN **3570H[C]**	DUN **4570H[C]**	DUN **5570H[C]**	DCUN **70**
Non-Hex	DUN **2570N[C]**	DUN **3570N[C]**	DUN **4570N[C]**	DUN **5570N[C]**	DCUN **70**
Marking	U 27	U 37	U 47	U 57	-

Upper Incisor

UFII Anatomic Abutment Hex Non-Hex

· Packing Unit : Abutment + Abutment Screw (ex DUR 2555H)
Abutment + Abutment Screw + Protect Cap [c] (ex DUR 2555H[C])
· Abutment Screw : DASC 2008H (Only compatible with the screw included.)



R Post 5.5

Unit mm I Scale 1 : 1.25

Cuff	2.5	3.5	4.5	5.5	Protect Cap
Hex	DUR **2555H[C]**	DUR **3555H[C]**	DUR **4555H[C]**	DUR **5555H[C]**	DCUR **55**
Non-Hex	DUR **2555N[C]**	DUR **3555N[C]**	DUR **4555N[C]**	DUR **5555N[C]**	DCUR **55**
Marking	U 25	U 35	U 45	U 55	-

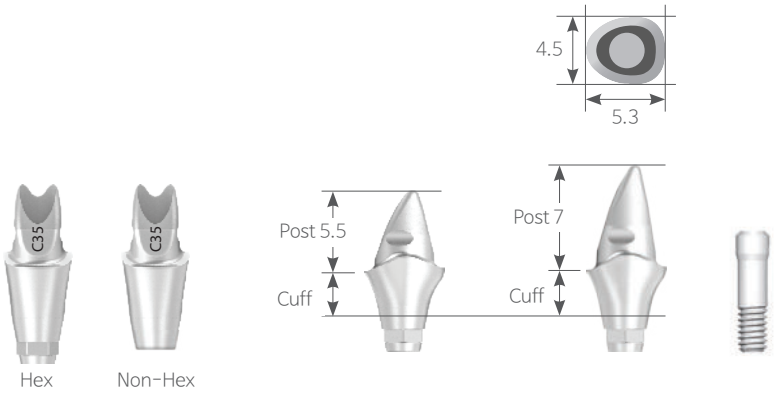
R Post 7.0

Cuff	2.5	3.5	4.5	5.5	Protect Cap
Hex	DUR **2570H[C]**	DUR **3570H[C]**	DUR **4570H[C]**	DUR **5570H[C]**	DCUR **70**
Non-Hex	DUR **2570N[C]**	DUR **3570N[C]**	DUR **4570N[C]**	DUR **5570N[C]**	DCUR **70**
Marking	U 27	U 37	U 47	U 57	-

Canine

UFII Anatomic Abutment Hex Non-Hex

· Packing Unit : Abutment + Abutment Screw (ex DCR 2555H)
Abutment + Abutment Screw + Protect Cap [c] (ex DCR 2555H[C])
· Abutment Screw : DASC 2008H (Only compatible with the screw included.)



R Post 5.5

Unit mm I Scale 1 : 1.25

Cuff	2.5	3.5	Protect Cap
			
Hex	DCR **2555H [C]**	DCR **3555H [C]**	DCCR **55**
Non-Hex	DCR **2555N [C]**	DCR **3555N [C]**	DCCR **55**
Marking	C 25	C 35	-

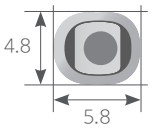
R Post 7.0

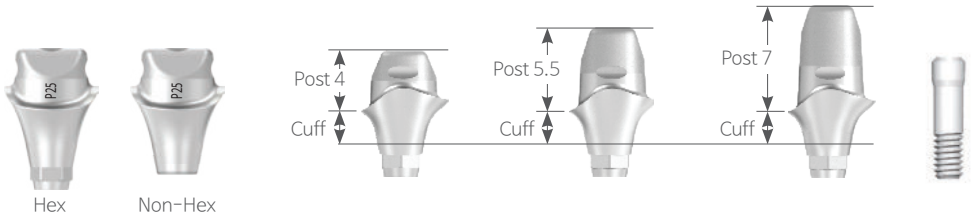
Cuff	2.5	3.5	Protect Cap
			
Hex	DCR **2570H [C]**	DCR **3570H [C]**	DCCR **70**
Non-Hex	DCR **2570N [C]**	DCR **3570N [C]**	DCCR **70**
Marking	C 27	C 37	-

Pre-Molar

UFII Anatomic Abutment Hex Non-Hex

· Packing Unit : Abutment + Abutment Screw (ex DPR 2555H)
Abutment + Abutment Screw + Protect Cap [c] (ex DPR 2555H[C])
· Abutment Screw : DASC 2008H (Only compatible with the screw included.)





R Post 4.0

Unit mm I Scale 1 : 1.25

Cuff	1.5	2.5	3.5	4.5	Protect Cap
Hex	DPR **1540H[C]**	DPR **2540H[C]**	DPR **3540H[C]**	DPR **4540H[C]**	DCPR **40**
Non-Hex	DPR **1540N[C]**	DPR **2540N[C]**	DPR **3540N[C]**	DPR **4540N[C]**	DCPR **40**
Marking	P 14	P 24	P 34	P 44	-

R Post 5.5

Cuff	1.5	2.5	3.5	4.5	Protect Cap
Hex	DPR **1555H[C]**	DPR **2555H[C]**	DPR **3555H[C]**	DPR **4555H[C]**	DCPR **55**
Non-Hex	DPR **1555N[C]**	DPR **2555N[C]**	DPR **3555N[C]**	DPR **4555N[C]**	DCPR **55**
Marking	P 15	P 25	P 35	P 45	-

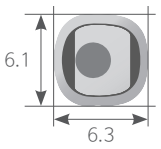
R Post 7.0

Cuff	1.5	2.5	3.5	4.5	Protect Cap
Hex	DPR **1570H[C]**	DPR **2570H[C]**	DPR **3570H[C]**	DPR **4570H[C]**	DCPR **70**
Non-Hex	DPR **1570N[C]**	DPR **2570N[C]**	DPR **3570N[C]**	DPR **4570N[C]**	DCPR **70**
Marking	P 17	P 27	P 37	P 47	-

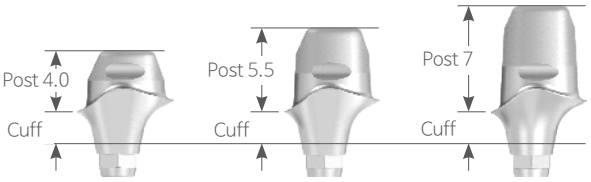
Molar

UFII Anatomic Abutment Hex Non-Hex

· Packing Unit : Abutment + Abutment Screw (ex DMR 2555H)
Abutment + Abutment Screw + Protect Cap [c] (ex DMR 2555H[C])
· Abutment Screw : DASC 2008H (Only compatible with the screw included.)



Hex Non-Hex



R Post 4.0

Unit mm | Scale 1 : 1.25

Cuff	1.5	2.5	3.5	4.5	Protect Cap
					
Hex	DMR **1540H[C]**	DMR **2540H[C]**	DMR **3540H[C]**	DMR **4540H[C]**	DCMR **40**
Non-Hex	DMR **1540N[C]**	DMR **2540N[C]**	DMR **3540N[C]**	DMR **4540N[C]**	DCMR **40**
Marking	M 14	M 24	M 34	M 44	-

R Post 5.5

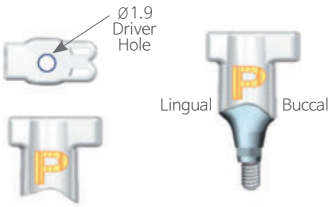
Cuff	1.5	2.5	3.5	4.5	Protect Cap
					
Hex	DMR **1555H[C]**	DMR **2555H[C]**	DMR **3555H[C]**	DMR **4555H[C]**	DCMR **55**
Non-Hex	DMR **1555N[C]**	DMR **2555N[C]**	DMR **3555N[C]**	DMR **4555N[C]**	DCMR **55**
Marking	M 15	M 25	M 35	M 45	-

R Post 7.0

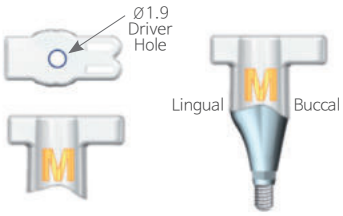
Cuff	1.5	2.5	3.5	4.5	Protect Cap
					
Hex	DMR **1570H[C]**	DMR **2570H[C]**	DMR **3570H[C]**	DMR **4570H[C]**	DCMR **70**
Non-Hex	DMR **1570N[C]**	DMR **2570N[C]**	DMR **3570N[C]**	DMR **4570N[C]**	DCMR **70**
Marking	M 17	M 27	M 37	M 47	-

Carrier

· Easier delivery to the intra oral area
(Only require the driver)
· Carrier prevents screw from dropping into the patients throat to mouth
· Easier handling and a more precise connection



Pre-Molar



Molar

Type	Pre-Molar	Molar
Code	DJPR **00**	DJMR **00**

Protect Cap

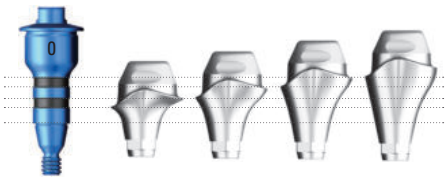
1. Prevention of gingiva creeping
· Covering of gum in the margin and gingiva retraction
· Can accurately take impression with widened gum

2. Protection of the patient's tongue
· Since the protect cap can fall off while biting food with antagonist teeth (sticky food, etc.), be careful not to swallow the cap if fallen.

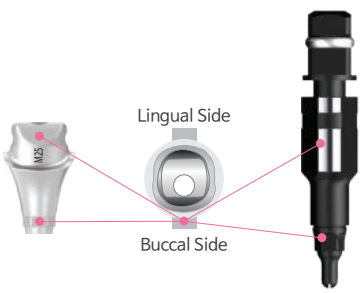
How to check the path

Flapless Surgery

· Surgical Guide Fix (Can check height of the gum)

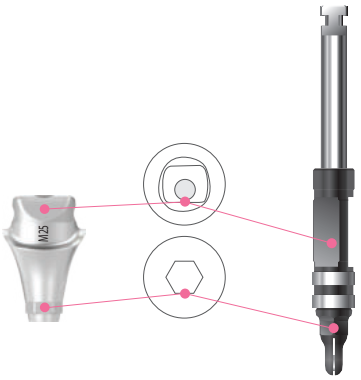


· Setting of hex direction to buccal side when using anatomic abutment, checking of hex direction using guide sleeve projection
· Can check hex direction using a Guide Sleeve



Flap Surgery

· Setting of hex direction to buccal side when using anatomic abutment
· Can check hex direction using a fixture driver



Workflow

DIOnavi. + Anatomic Abutment (Full Digital)

Immediate Restoration

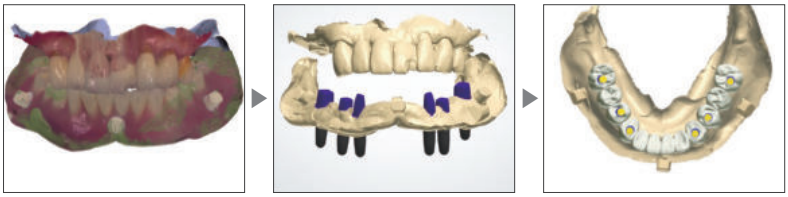


Image collection | Surgey simulation | Design & manufacture

DIOnavi. surgery | Connection of anatomic abutment | Attachment of abutment jig & protect cap

Method of intra oral scan impression

If oral scan is available

Method of library matching (3Shape Dental System)

Formation of the gum after implant placement | oral scan after connection of anatomic abutment | Protect cap or temporary prosthesis (patient returns home)

Library matching | Final crown design | Manufacture of final crown

Method of conventional impression

Scanning after manufacture of model

Method of library matching (3Shape Dental System)

Formation of the gum after implant placement | Manufacture of abutment level impressoin taking (anatomic abutment connection) plaster model | Scanning of model (Oral & Desk Scanner)

Library matching | Final crown design | Manufacture of final crown

Scan Adapter

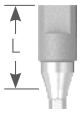
· Manufacture of customized abutment by connecting to the fixture
in the mouth or lab analog of the plaster model and scanning with an oral scanner or desk scanner
· The library can be downloaded from the website. (https://hq.dionavi.com/cad/cadlib.do) · [H] : Hex / [T] : Torx

UFⅡ Narrow

· Packing Unit : Scan Adapter + Screw · Tightening Torque : 5~8Ncm

N

Unit mm I Scale 1 : 1.25

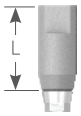
Length	9	15	Screw
			
	SCAN **41**	SCAN **41-15**	UNSAS **1407H**

UFⅡ Regular / Wide

· Packing Unit : Scan Adapter + Screw · Tightening Torque : 5~8Ncm

R W

Unit mm I Scale 1 : 1.25

Length	9	15	Screw
			
	SCAN **01 [H]**	SCAN **01-15 [H]**	SSC **2008H**

H-Scanbody & Jig

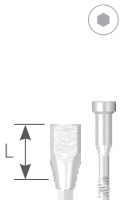
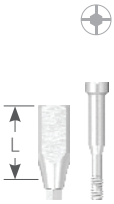
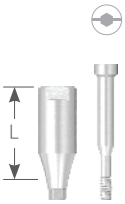
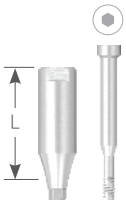
· Tightening Torque : 5~8Ncm
· Packing Unit : H-Scanbody + Scan Screw
· The library can be downloaded from the website. (https://hq.dionavi.com/cad/cadlib.do)

Top view

UFⅡ Narrow

N **D Ø4.0**

Unit mm I Scale 1 : 1.25

Length	4	6	8	10	12	Jig
						
	UNHSB **404H**	UNHSB **406H**	UNHSB **408H**	UNHSB **410H**	UNHSB **412H**	JIG **401**
Screw	UNSCAN **1408H**	UNSCAN **1410H**	UNSCAN **1412H**	UNSCAN **1414H**	UNSCAN **1416H**	

Scan Retractor

· Precise recognition of maxillar open repository and archive
· Controlling the cheek and tongue mobility at mandibular open repository and archive
· Providing the exact reference point of the marginal scanning area
· Packing Unit : Maxillar – Set (5 Piece) Mandibular – Set (5 Piece)


Maxillar


Mandibular

Type	Maxillar	Mandibular
	SCANR **01S**	SCANR **02S**

Wax Denture

▸Made of thermoplastic material that allows operation to acquire occlusion with patient's gingiva
· For edentulous patients
· Enable oral scan· Packing Unit : Maxillar–1 Piece / Mandibular–1 Piece


Maxillar


Mandibular

Type	Maxillar	Mandibular
Small	WDU **01**	WDL **01**
Medium	WDU **02**	WDL **02**
Large	WDU **03**	WDL **03**

Marker

· Use when they have no teeth for reference
· Use for CT imaging for digital implant surgery
· Packing Unit : 1Set (30ea)

Type	SGM **5040**

Pre-Milled Bar

UFⅡ Narrow

· Packing Unit : Pre-Milled Bar + Screw (UNSAS 1407H) (2ea)
· Tightening Torque : 20Ncm

N

Unit mm I Scale 1 : 1

Type	Hex		Non-Hex	
Diameter	Ø10	Ø12	Ø10	Ø12
	CBUN **01**	CBUN **02**	CBUN **01N**	CBUN **02N**

UFⅡ Regular / Wide

· Packing Unit : Pre-Milled Bar + Screw (SSC 2008H) (2ea)
· Tightening Torque : 30~35Ncm

R W

Unit mm I Scale 1 : 1

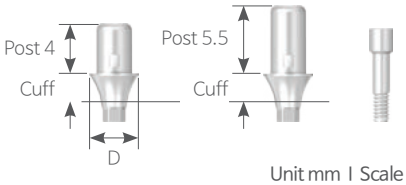
Type	Hex		Non-Hex	
Diameter	Ø10	Ø12	Ø10	Ø12
	CBSS **01 [H]**	CBSS **02 [H]**	CBSS **01N [H]**	CBSS **02N [H]**

Hybrid Link

· Up to implant platform connection part is made of titanium,
making it to produce prosthesis for anterior teeth by cementation the post made of zirconia.
· The library can be downloaded from the website.
(https://hq.dionavi.com/cad/cadlib.do)

UFⅡ Narrow

· Packing Unit : Hybrid Link + Screw (UNSAS1407H)
· Tightening Torque : 20Ncm



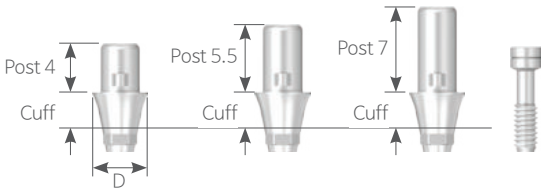
N D Ø4.0

Unit mm I Scale 1 : 1.65

Type			Hex
Diameter Ø4.0	Post 4	Cuff 1	UNHL **40401H**
		Cuff 2	UNHL **40402H**
		Cuff 3	UNHL **40403H**
	Post 5.5	Cuff 1	UNHL **40551H**
		Cuff 2	UNHL **40552H**
		Cuff 3	UNHL **40553H**

UFⅡ Regular / Wide

· Packing Unit : Hybrid Link + Screw (SSC 2008H)
· Tightening Torque : 30~35Ncm



R W

Unit mm I Scale 1 : 1.65

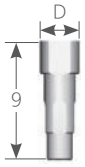
Type			Hex	Non-Hex
Diameter Ø4.5	Post 4	Cuff 1	UFHL **45401H [H]**	UFHL **45401N [H]**
		Cuff 2	UFHL **45402H [H]**	UFHL **45402N [H]**
		Cuff 3	UFHL **45403H [H]**	UFHL **45403N [H]**
	Post 5.5	Cuff 1	UFHL **45501H [H]**	UFHL **45501N [H]**
		Cuff 2	UFHL **45502H [H]**	UFHL **45502N [H]**
		Cuff 3	UFHL **45503H [H]**	UFHL **45503N [H]**
	Post 7	Cuff 1	UFHL **45701H [H]**	UFHL **45701N [H]**
		Cuff 2	UFHL **45702H [H]**	UFHL **45702N [H]**
		Cuff 3	UFHL **45703H [H]**	UFHL **45703N [H]**
Diameter Ø5.5	Post 4	Cuff 1	UFHL **55401H [H]**	UFHL **55401N [H]**
		Cuff 2	UFHL **55402H [H]**	UFHL **55402N [H]**
		Cuff 3	UFHL **55403H [H]**	UFHL **55403N [H]**
	Post 5.5	Cuff 1	UFHL **55501H [H]**	UFHL **55501N [H]**
		Cuff 2	UFHL **55502H [H]**	UFHL **55502N [H]**
		Cuff 3	UFHL **55503H [H]**	UFHL **55503N [H]**
	Post 7	Cuff 1	UFHL **55701H [H]**	UFHL **55701N [H]**
		Cuff 2	UFHL **55702H [H]**	UFHL **55702N [H]**
		Cuff 3	UFHL **55703H [H]**	UFHL **55703N [H]**

Digital Fixture Analog

· The library can be downloaded from the website.
(https://hq.dionavi.com/cad/cadlib.do)

UFⅡ Narrow

· Packing Unit : Digital Fixture Analog



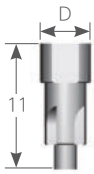
N D Ø3.0 Hex **1.7**

Unit mm I Scale 1 : 1.65

Code	DAU **3009**

UFⅡ Regular / Wide

· Packing Unit : Digital Fixture Analog



R W D Ø4.5 Hex **2.5**

Unit mm I Scale 1 : 1.65

Code	DAU **4509**

DIO IMPLANT
www.dionavi.com

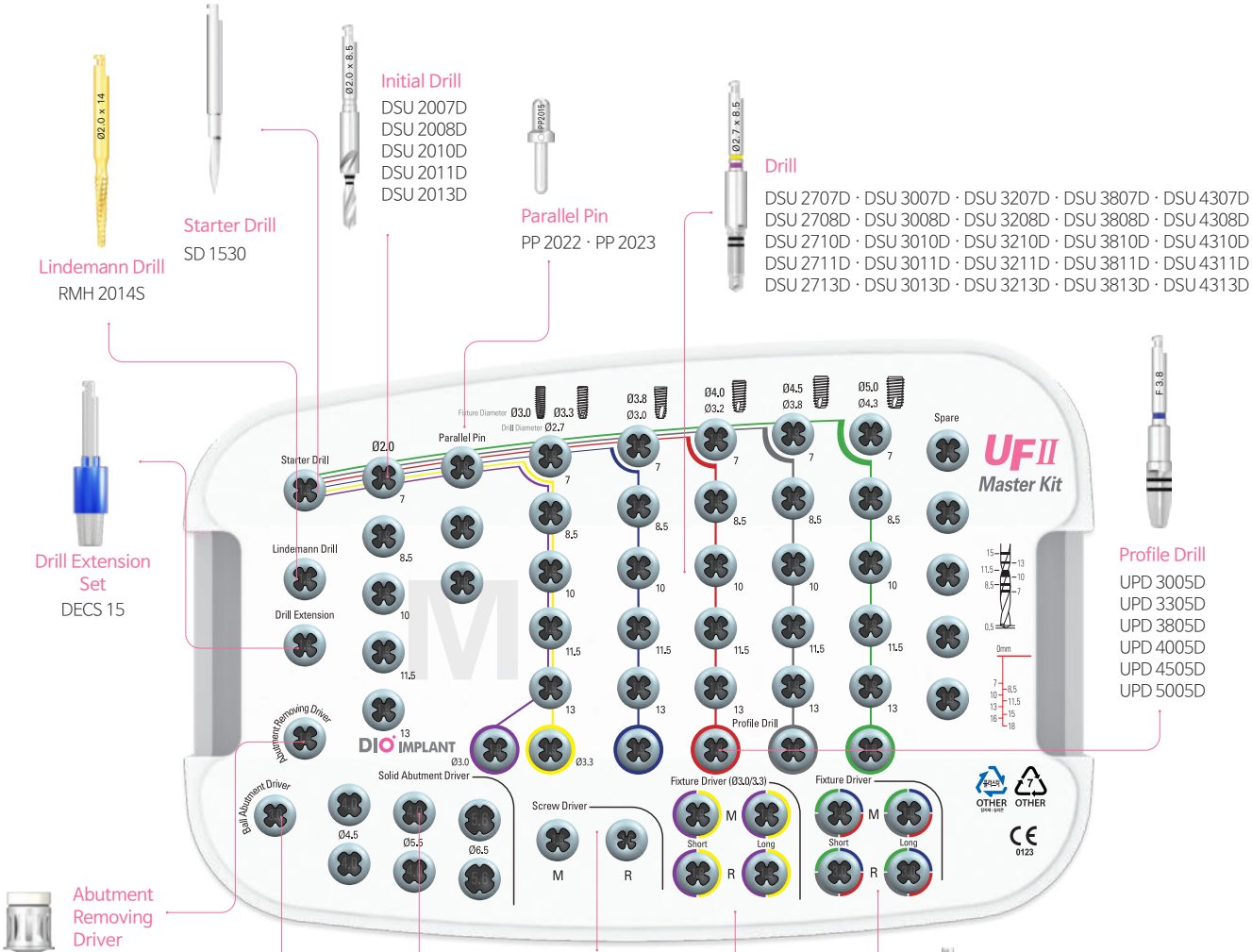
Surgical Kits

UFⅡ Master Kit

Kit Code I UF 06

· Kit composed of drill with outstanding cutting force and durability, etc.
· UFⅡ Narrow Ø3.0 Ø3.3/ UFⅡ Regular Ø3.8 Ø4.0 Ø4.5 Ø5.0 Fixture

Unit mm I Drill Scale 1 : 0.9



Initial Drill

DSU 2007D
DSU 2008D
DSU 2010D
DSU 2011D
DSU 2013D

Starter Drill

SD 1530

Lindemann Drill

RMH 2014S

Parallel Pin

PP 2022 · PP 2023

Drill

DSU 2707D · DSU 3007D · DSU 3207D · DSU 3807D · DSU 4307D
DSU 2708D · DSU 3008D · DSU 3208D · DSU 3808D · DSU 4308D
DSU 2710D · DSU 3010D · DSU 3210D · DSU 3810D · DSU 4310D
DSU 2711D · DSU 3011D · DSU 3211D · DSU 3811D · DSU 4311D
DSU 2713D · DSU 3013D · DSU 3213D · DSU 3813D · DSU 4313D

Drill Extension Set

DECS 15

Profile Drill

UPD 3005D
UPD 3305D
UPD 3805D
UPD 4005D
UPD 4505D
UPD 5005D

Abutment Removing Driver

HARD 20315A

Ball Abutment Driver

HD 2412A

Solid Abutment Driver

HDS 4506A · HDS 5506A · HDS 6506A
HDS 4512A · HDS 5512A · HDS 6512A

Screw Driver

MD 1230
HD 1215A

Fixture Driver

UNFDC 3012
UNFDC 3018
UNFDW 3012
UNFDW 3018

Fixture Driver

FDC 3506 · FDW 3512A
FDC 3512 · FDW 3518A

Torque Wrench

DTW 0060

Depth Gauge

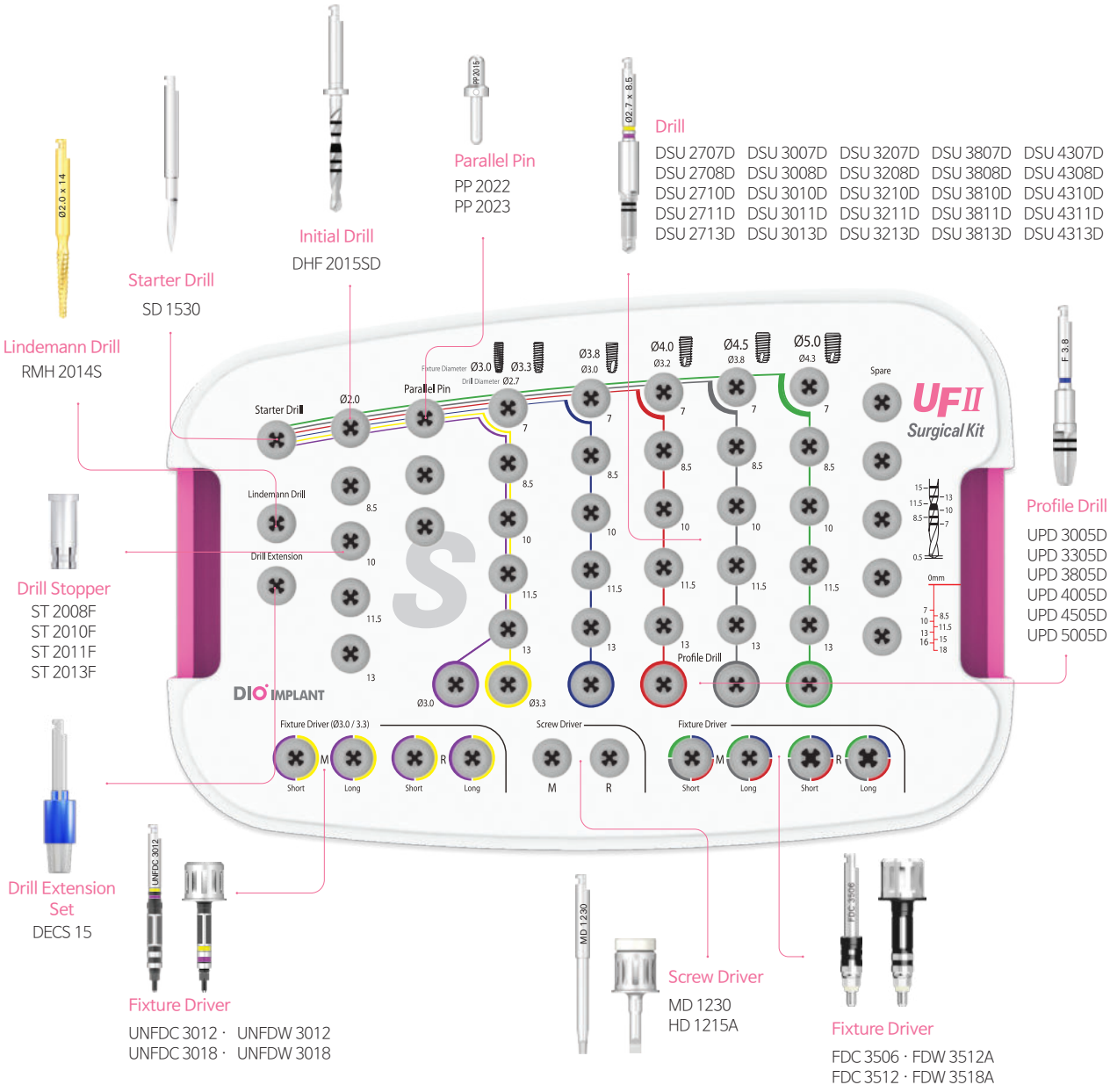
DPG 2050

UFⅡ Surgical Kit

Kit Code I UF 07

· Kit composed of drill with outstanding cutting force and durability, etc.
· UFⅡ Narrow Ø3.0 Ø3.3/ UFⅡ Regular Ø3.8 Ø4.0 Ø4.5 Ø5.0 Fixture

Unit mm I Drill Scale 1 : 0.9



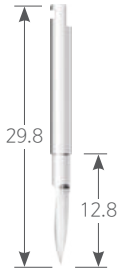
Torque Wrench
DTW 0060

Depth Gauge
DPG 2050

Surgical Tool

Starter Drill

· Used to mark the initial position of the implant.



K

Unit mm I Scale 1 : 1.15

Code	SD **1530**

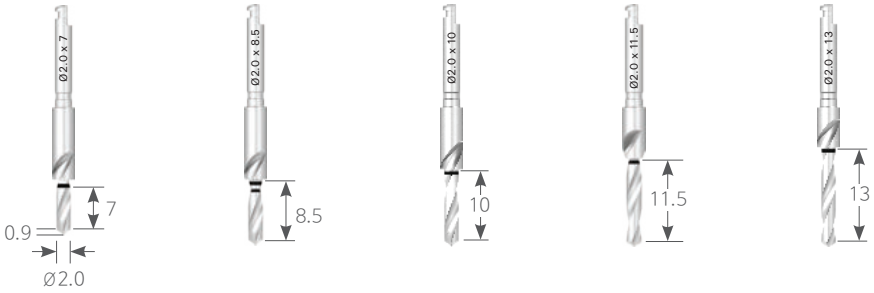
Initial Drill

· Utilized to establish the initial drilling hole.

K **D Ø2.0** · Only use UFII Master Kit (UF 06)

Unit mm I Scale 1 : 1

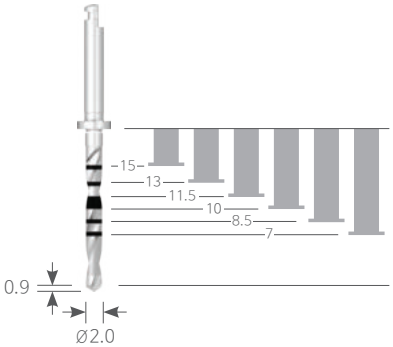
Code	DSU **2007D**	DSU **2008D**	DSU **2010D**	DSU **2011D**	DSU **2013D**



K **D Ø2.0** · Only use UFII Surgical Kit (UF 07)

Unit mm I Scale 1 : 1.2

Code	DHF **2015SD**



Drill stopper

· Utilized for adjusting the depth during drill insertion.

● Sold separately

K **D Ø2.0** · Only use UFII Surgical Kit (UF 07)

Unit mm I Scale 1 : 1

Code	ST **2015F**	ST **2013F**	ST **2011F**	ST **2010F**	ST **2008F**

Parallel Pin

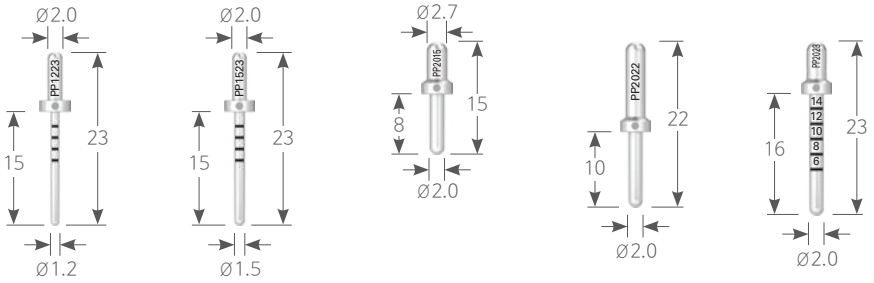
· Used to gauge drilling direction and occlusal relations with opposing teeth when inserted into the Initial Drill or Ø2.7 Drill Hole.

● Sold separately

K

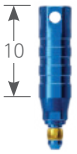
Unit mm I Scale 1 : 1

Code	PP 1223	PP 1523	PP 2015	PP 2022	PP 2023



Path Pin

· Attached to the implanted fixture to verify the path.



● Sold separately

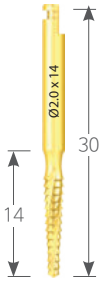
K

Unit mm I Scale 1 : 1.2

Code	DPP 3512

Lindemann Drill

· Utilized for establishing initial drilling holes or making directional adjustments during drilling.



K **D Ø2.0**

Unit mm I Scale 1 : 1.2

Code	RMH 2014S

Positioning Guide

· Inserted into the Initial Drill Hole to measure drilling direction, occlusal relations with opposing teeth, and distance to adjacent teeth.

● Sold separately

K **D Ø2.0**

Unit mm I Scale 1 : 1.2

Code	PG 0060

Angled Path Pin

· Attached to the implanted fixture to ensure the correct angled path.

● Sold separately

K

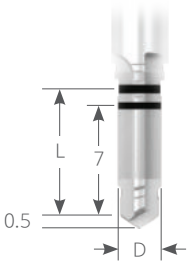
Unit mm I Scale 1 : 1.15

Code	DAP 4515A	DAP 4515B

Type	Hex A	Hex B

Surgical Tool

Drill



Color

Scale 1 : 1.15

● Sold separately

K D Ø2.6

Unit mm I Scale 1 : 1

Code	DSU 2707D	DSU 2708D	DSU 2710D	DSU 2711D	DSU 2713D	DSU 2715D	DSU 2718D
Length	7	8.5	10	11.5	13	15	18

K D Ø2.9

Unit mm I Scale 1 : 1

Code	DSU 3007D	DSU 3008D	DSU 3010D	DSU 3011D	DSU 3013D	DSU 3015D	DSU 3018D
Length	7	8.5	10	11.5	13	15	18

K D Ø3.1

Unit mm I Scale 1 : 1

Code	DSU3207D	DSU3208D	DSU 3210D	DSU 3211D	DSU 3213D	DSU 3215D	DSU 3218D
Length	7	8.5	10	11.5	13	15	18

K D Ø3.7

Unit mm I Scale 1 : 1

Code	DSU 3807D	DSU 3808D	DSU 3810D	DSU 3811D	DSU 3813D	DSU 3815D	DSU 3818D
Length	7	8.5	10	11.5	13	15	18

K D Ø4.2

Unit mm I Scale 1 : 1

Code	DSU4307D	DSU4308D	DSU 4310D	DSU 4311D	DSU 4313D	DSU 4315D	DSU 4318D
Length	7	8.5	10	11.5	13	15	18

K D Ø4.7

Unit mm I Scale 1 : 1

Code	DSU 4808D	DSU 4810D	DSU 4811D	DSU 4813D	DSU 4815D	DSU 4818D
Length	8.5	10	11.5	13	15	18

Surgical Tool

Profile Drill

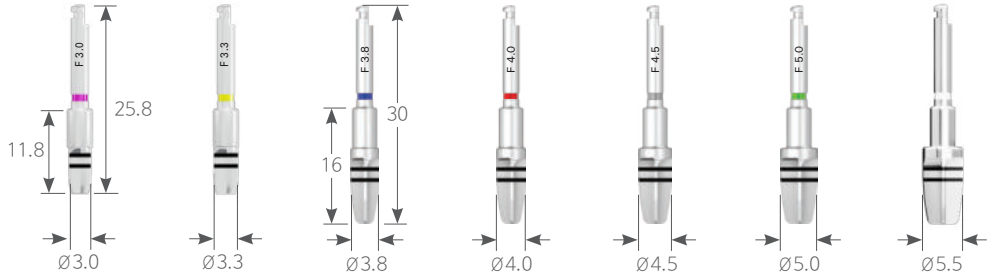
· Utilized in dense bones such as D1 or D2 to expand Cortical Bone, preventing excessive torque during fixture implantation.

● Sold separately

K

Unit mm I Scale 1 : 1

Fixture Size	Ø3.0	Ø3.3	Ø3.8	Ø4.0	Ø4.5	Ø5.0	Ø5.5
Code	UPD 3005D	UPD 3305D	UPD 3805D	UPD 4005D	UPD 4505D	UPD 5005D	UPD 5505D



Color

Tap Drill

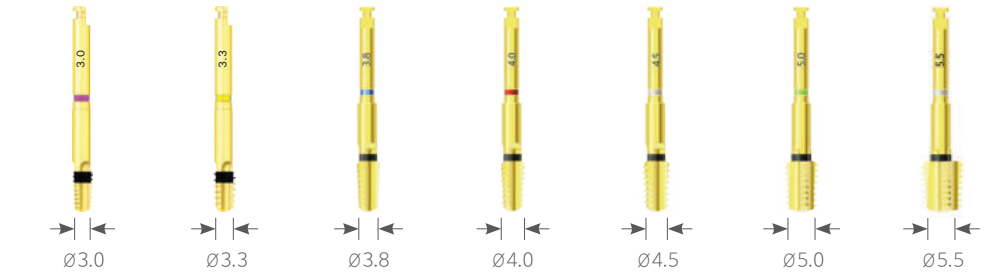
· Utilized in dense bones such as D1 or D2 to generate threads in Cortical Bone, preventing excessive torque during fixture implantation.

● Sold separately

K

Unit mm I Scale 1 : 1

Fixture Size	Ø3.0	Ø3.3	Ø3.8	Ø4.0	Ø4.5	Ø5.0	Ø5.5
Code	UNTD 3015	UNTD 3315	UT(II) 3815	UT(II) 4015	UT(II) 4515	UT(II) 5015	UT(II) 5515



Color

Drill Extension Set

· Extending the drill length by 15.5mm, this set includes a special cover for easy handling.
· Packing Unit : Drill Extension(DE 15) + Cover(DEC 07)
※ Available for individual purchase

K

Unit mm I Scale 1 : 1.2

Code	DECS 15

Fixture Driver Narrow

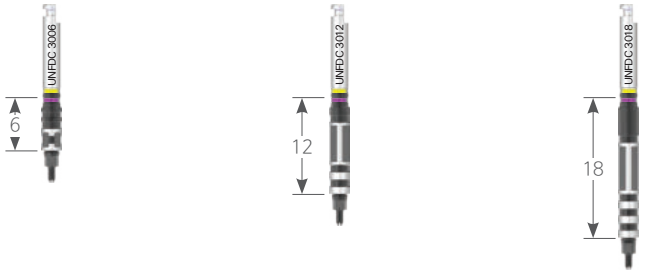
· Utilized for the safe extraction of the fixture from packaging and implantation.
· Recommended usage: up to 20 times

● Sold separately

K Machine

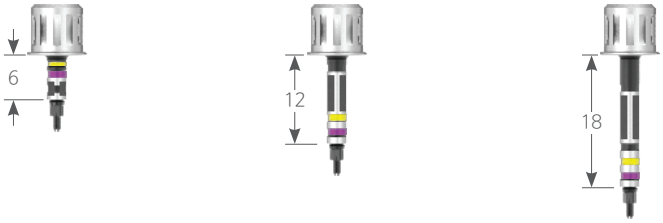
Unit mm I Scale 1 : 1

Code	UNFDC 3006	UNFDC 3012	UNFDC 3018



K Ratchet

Code	UNFDW 3006	UNFDW 3012	UNFDW 3018



Fixture Driver Regular / Wide

● Sold separately

K Machine

Unit mm I Scale 1 : 1

Code	FDC 3506	FDC 3512	FDC 3518

K Ratchet

Code	FDW 3506A	FDW 3512A	FDW 3518A

Surgical Tool

Screw Driver Machine

· Utilized for attaching the upper prosthesis or 1.2Hex screw.
※ Intended for use with implant engines.

● Sold separately

Unit mm I Scale 1 : 1

K Slot 0.5

Code	MD 0522	MD 0530

K Hex 0.9

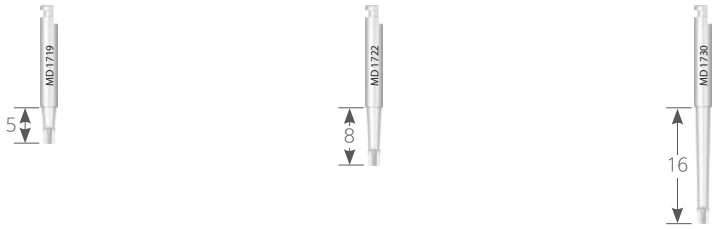
Code	MD 0922	MD 0930

K Hex 1.2

Code	MD 1219	MD 1222	MD 1230	MD 1234	MD 1239

K Torx 1.7

Code	MD 1719	MD 1722	MD 1730



Screw Driver Ratchet

· Utilized for attaching the upper prosthesis or 1.2Hex screw.

● Sold separately

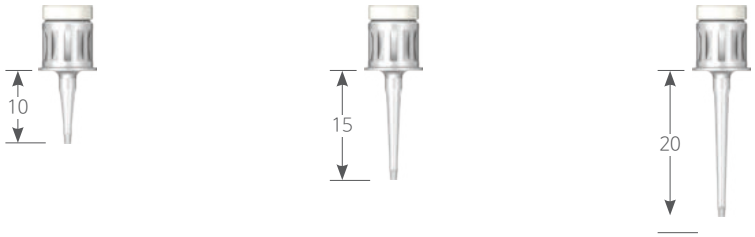
Unit mm I Scale 1 : 1

K Slot 0.5

Code	HD 0510A	HD 0515A

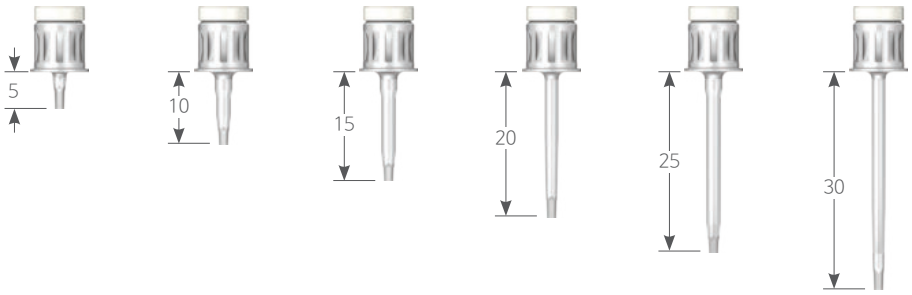
K Hex 0.9

Code	HD 0910A	HD 0915A	HD 0920A



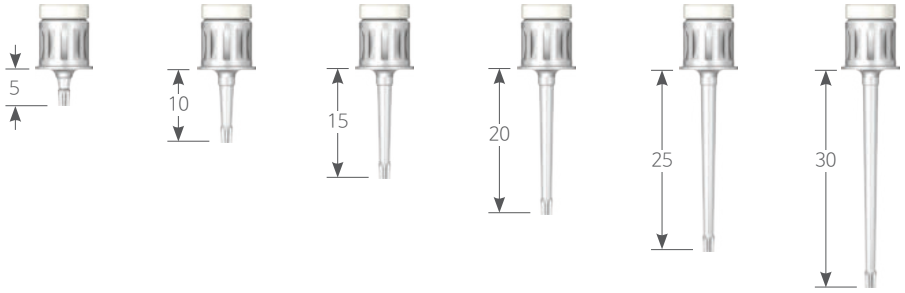
K Hex 1.2

Code	HD 1205A	HD 1210A	HD 1215A	HD 1220A	HD 1225A	HD 1230A



K Torx 1.7

Code	HD 1705A	HD 1710A	HD 1715A	HD 1720A	HD 1725A	HD 1730A



Surgical Tool

Fixture Mount Driver

· Only use UF II Master Kit

K Hex **2.5**

● Sold separately

Unit mm I Scale 1 : 1

Type	Machine		Ratchet	
Code	MHDC **2520**	MHDC **2525**	MHDR **2513A**	MHDR **2518A**

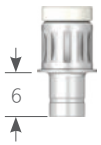
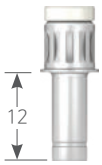
Solid Abutment Driver

· Only use UFII Master Kit (UF 06)

· Used for attaching Solid Abutment to the fixture

K

Unit mm I Scale 1 : 1.2

Length	6	12
		
Diameter Ø4.5	HDS **4506A**	HDS **4512A**
Ø5.5	HDS **5506A**	HDS **5512A**
Ø6.5	HDS **6506A**	HDS **6512A**

Ball Abutment Driver

· Only use UFII Master Kit (UF 06)
· Used for attaching Ball Abutment to the fixture

● Sold separately

K

Unit mm I Scale 1 : 1

Code	HD **2406A**	HD **2412A**

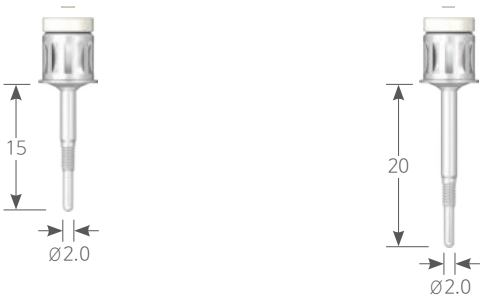
Abutment Removing Driver

· Only use UFII Master Kit (UF 06)
· Used to remove fractured abutment

K

Unit mm I Scale 1 : 1

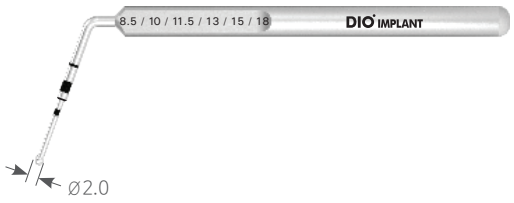
Code	HARD **20315A**	HARD **20320A**



Surgical Tool

Depth Gauge

· Employed to measure the depth of drilling holes.



K **D Ø2.0**

Unit mm I Scale 1 : 1

Code	DPG **2050**

Open Wrench

· Used to remove Mount if the bone is soft.
· 30 ˚Neck angle for convenience in intraoral insertion.

K

● Sold separately
Unit mm I Scale 1 : 1

Code	OW **004**

Torque Wrench

· Utilized for positioning the implant and tightening abutments and screws.
· Adjust the torque by pulling the bar until it aligns with the desired value on the scale.

K

Unit mm I Scale 1 : 1

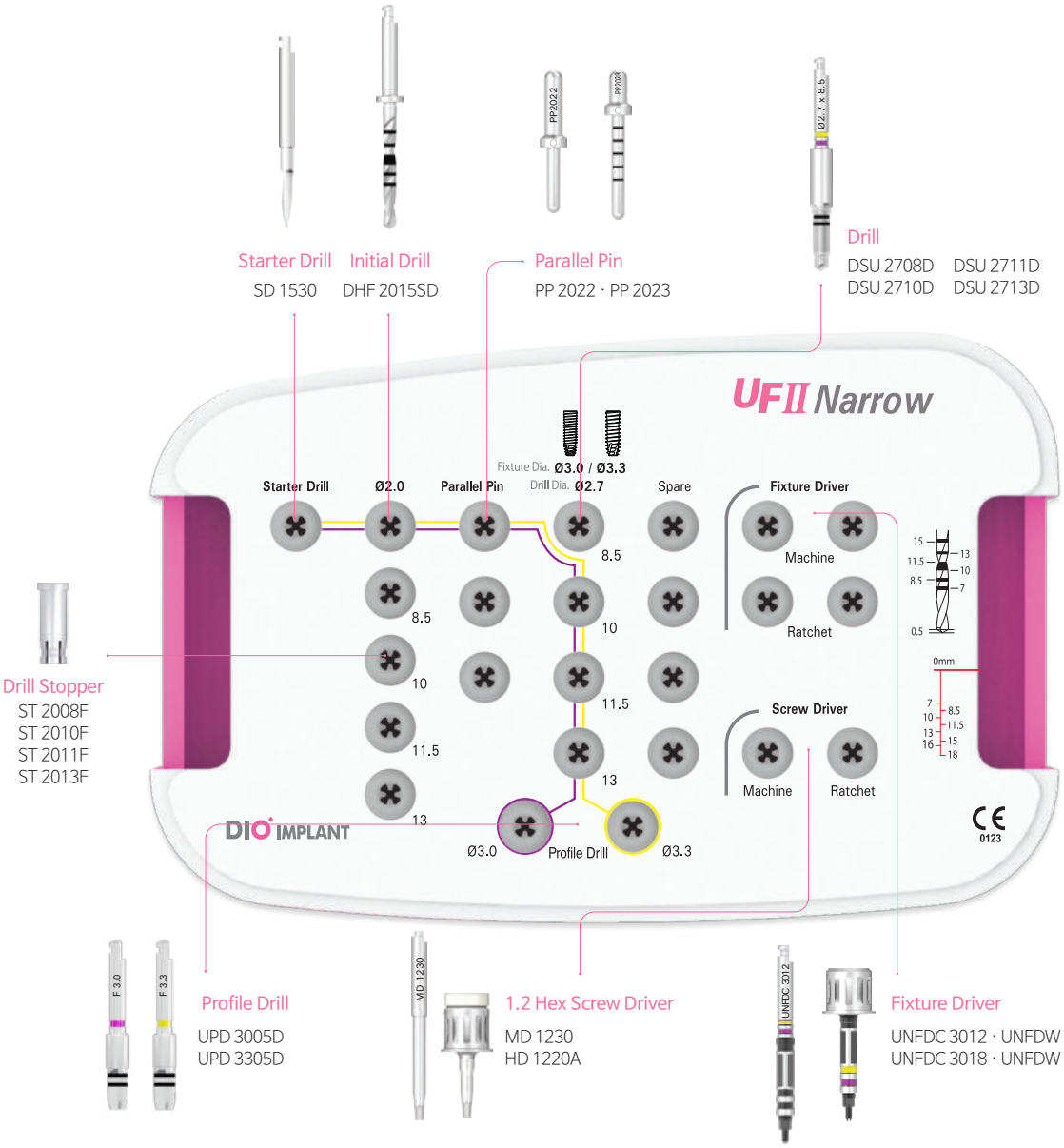
Code	DTW **0060**

UFⅡ Narrow Kit

Kit Code I UF 08

· Kit composed of drill with outstanding cutting force and durability, etc.
· UFⅡ Narrow Ø3.0 Ø3.3 Fixture

Unit mm I Drill Scale 1 : 0.9



Surgical Tool

Starter Drill

· Used to mark the initial position of the implant.

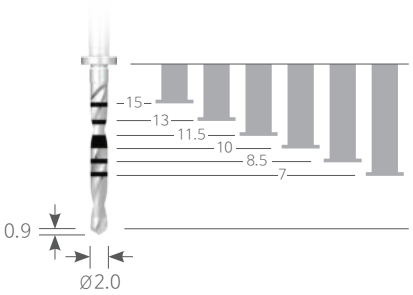
K

Unit mm I Scale 1 : 1.2

Code	SD **1530**

Initial Drill

· Utilized to establish the initial drilling hole.



K **D Ø2.0**

Unit mm I Scale 1 : 1.2

Code	DHF **2015SD**

Drill stopper

· Utilized for adjusting the depth during drill insertion.

K **D Ø2.0**

● Sold separately

Unit mm I Scale 1 : 1

Code	ST **2015F**	ST **2013F**	ST **2011F**	ST **2010F**	ST **2008F**

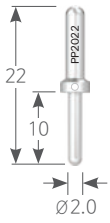
Parallel Pin

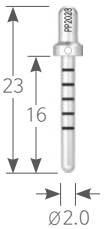
· Used to gauge drilling direction and occlusal relations with opposing teeth when inserted into the Initial Drill or Ø2.7 Drill Hole.

K **D Ø2.0**

Unit mm I Scale 1 : 1

Code	PP **2022**	PP **2023**





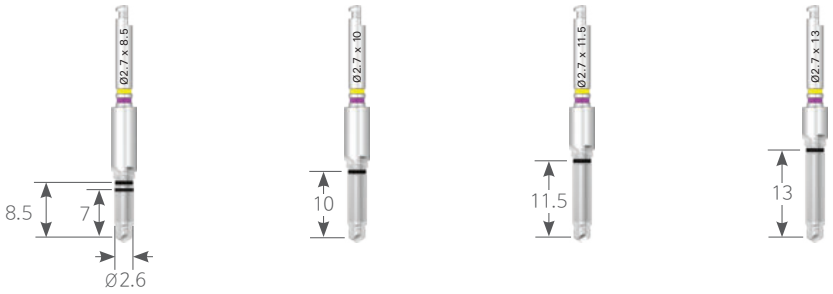
Surgical Tool

Drill

K **D Ø2.6**

Unit mm I Scale 1 : 1

Code	DSU **2708D**	DSU **2710D**	DSU **2711D**	DSU **2713D**



Profile Drill

· Utilized in dense bones such as D1 or D2 to expand Cortical Bone, preventing excessive torque during fixture implantation.

K

Unit mm I Scale 1 : 1

Fixture Size	Ø**3.0**	Ø**3.3**
Code	UPD **3005D**	UPD **3305D**

Tap Drill

· Utilized in dense bones such as D1 or D2 to generate threads in Cortical Bone, preventing excessive torque during fixture implantation.

● Sold separately

K

Unit mm I Scale 1 : 1

Fixture Size	Ø3.0	Ø3.3
Code	UNTD **3015**	UNTD **3315**

Fixture Driver

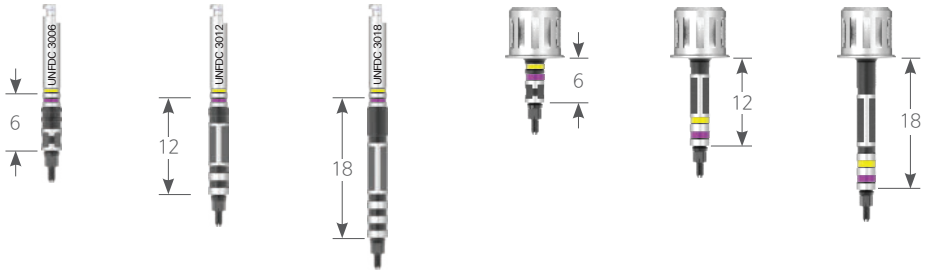
· Utilized for the safe extraction of the fixture from packaging and implantation.
· Maximum Tightening Torque : 50Ncm
· Recommended usage : up to 20 times

● Sold separately

K

Unit mm I Scale 1 : 1

Type	Machine			Ratchet		
Code	UNFDC **3006**	UNFDC **3012**	UNFDC **3018**	UNFDW **3006**	UNFDC **3012**	UNFDC **3018**



Screw Driver

· Utilized for attaching the upper prosthesis or 1.2Hex screw

K Hex 1.2

Unit mm I Scale 1 : 1

Type	Machine	Ratchet
Code	MD **1230**	HD **1220A**

Solid Abutment Driver

· Only use UFII Narrow
· Used for attaching Solid Abutment to the fixture

● Sold separately

K **D Ø4.0**

Unit mm I Scale 1 : 1

Length	6	12
Code	UNHDS **4006A**	UNHDS **4012A**

UFⅡ Wide Kit

Kit Code I UF 09

· Kit composed of drill with outstanding cutting force and durability, etc.
· UFⅡ Wide Ø5.9 Ø6.4 Ø6.9 Fixture

Unit mm I Drill Scale 1 : 0.9

Trephine Drill

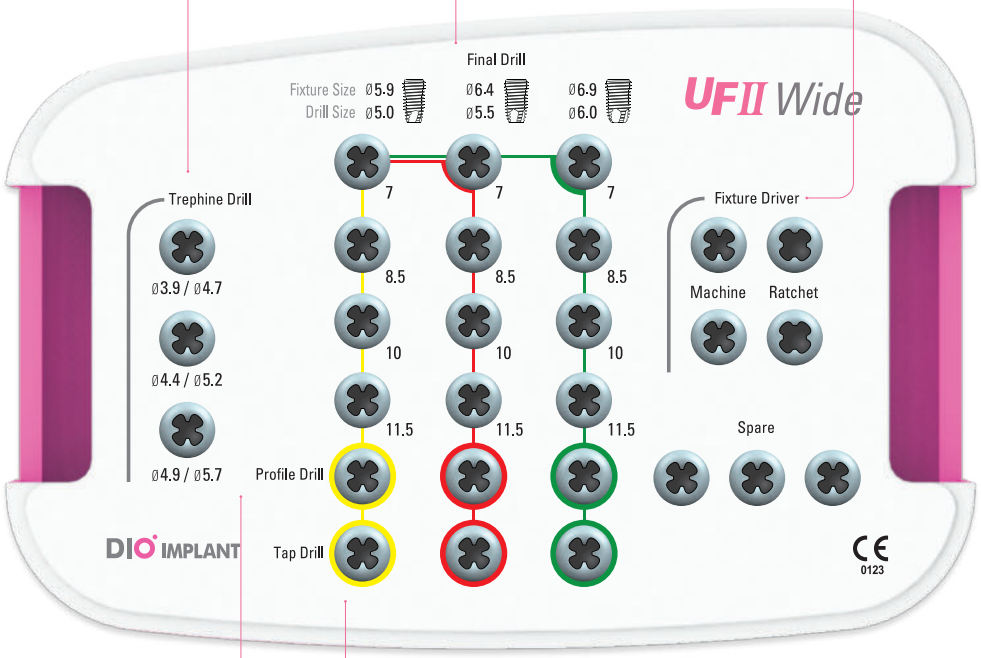
TRD 4739
TRD 5244
TRD 5749

Final Drill

DSU 5007 · DSU 5507 · DSU 6007
DSU 5008 · DSU 5508 · DSU 6008
DSU 5010 · DSU 5510 · DSU 6010
DSU 5011 · DSU 5511 · DSU 6011

Fixture Driver

FDC 3506 · FDW 3506A
FDC 3512 · FDW 3512A



Profile Drill

UPD6010 · UPD6510 · UPD7010

Tap Drill

UT(II) 6006 · UT(II) 6506 · UT(II) 7006

Surgical Tool

Trephine Drill

· Used for removing failed fixtures

Scale 1 : 1.15

K

Unit mm I Scale 1 : 1

Code	TRD **4739**	TRD **5244**	TRD **5749**
			
Diameter 1	Ø3.9	Ø4.4	Ø4.9
Diameter 2	Ø4.7	Ø5.2	Ø5.7

Profile Drill

· Utilized in dense bones such as D1 or D2 to expand Cortical Bone, preventing excessive torque during fixture implantation.

Scale 1 : 1.15

K

Unit mm I Scale 1 : 1

Fixture Size	Ø**5.9**	Ø**6.4**	Ø**6.9**
Code	UPD **6010**	UPD **6510**	UPD **7010**
			
	Ø5.9	Ø6.4	Ø6.9
Color			

Surgical Tool

Final Drill

Scale 1 : 1.15

Color	●	●	●
Stopper	ST 5504	ST 6004	ST 6504

● Sold separately

K D Ø4.9

Unit mm I Scale 1 : 1

Code	DSU **5007**	DSU **5008**	DSU **5010**	DSU **5011**	DSU **5013**	DSU **5015**
						
Length	7	8.5	10	11.5	13	15

K D Ø5.4

Code	DSU **5507**	DSU **5508**	DSU **5510**	DSU **5511**	DSU **5513**	DSU **5515**
						
Length	7	8.5	10	11.5	13	15

K D Ø5.9

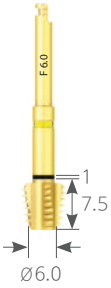
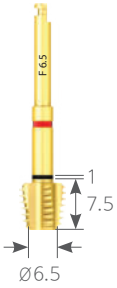
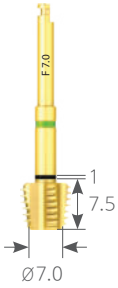
Code	DSU **6007**	DSU **6008**	DSU **6010**	DSU **6011**	DSU **6013**	DSU **6015**
						
Length	7	8.5	10	11.5	13	15

Tap Drill

· Utilized in dense bones such as D1 or D2 to generate threads in Cortical Bone, preventing excessive torque during fixture implantation.

K

Unit mm I Scale 1 : 1

Fixture Size	Ø5.9	Ø6.4	Ø6.9
Code	UT(II) **6006**	UT(II) **6506**	UT(II) **7006**
			
Color			

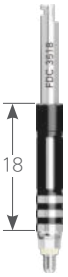
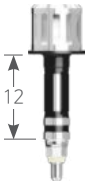
Fixture Driver

· Utilized for the safe extraction of the fixture from packaging and implantation.

● Sold separately

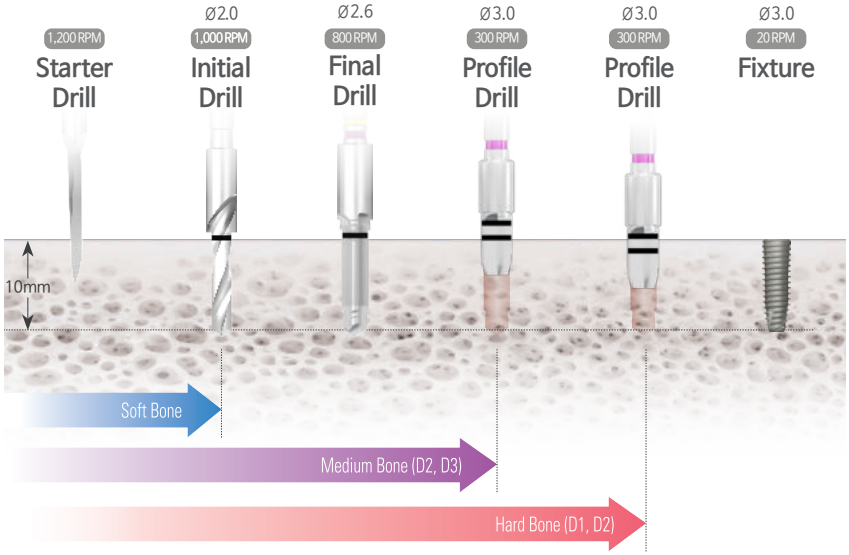
K **D Ø3.6**

Unit mm I Scale 1 : 1

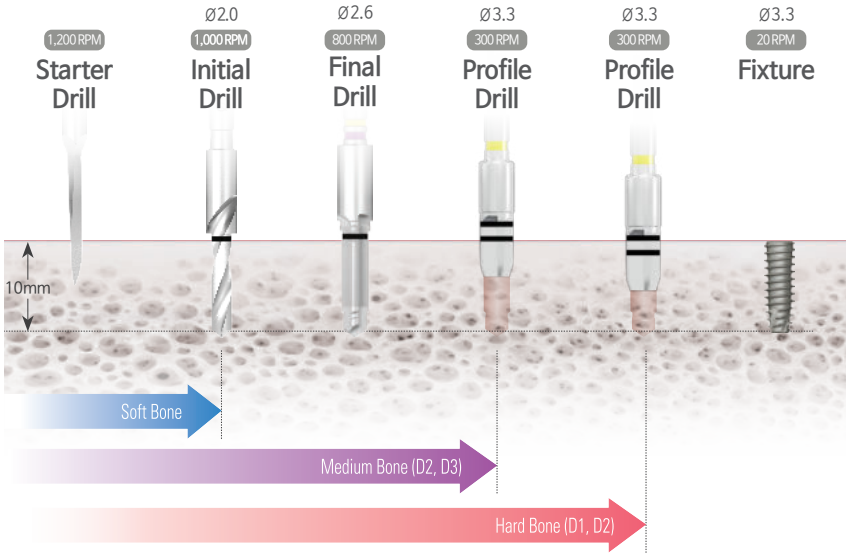
Type	Machine			Ratchet		
Code	FDC **3506**	FDC **3512**	FDC **3518**	FDW **3506A**	FDW **3512A**	FDW **3518A**
						

UF II Surgical Protocol

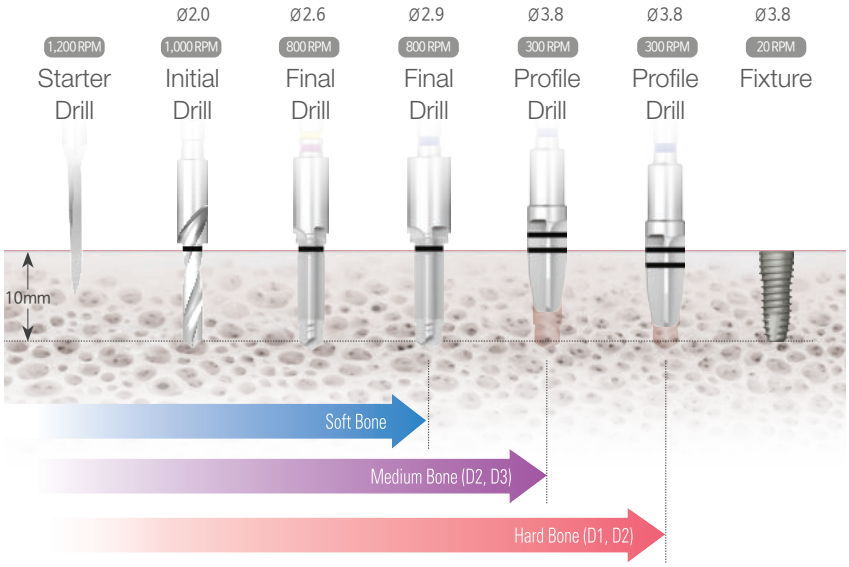
Ø3.0 Fixture



Ø3.3 Fixture

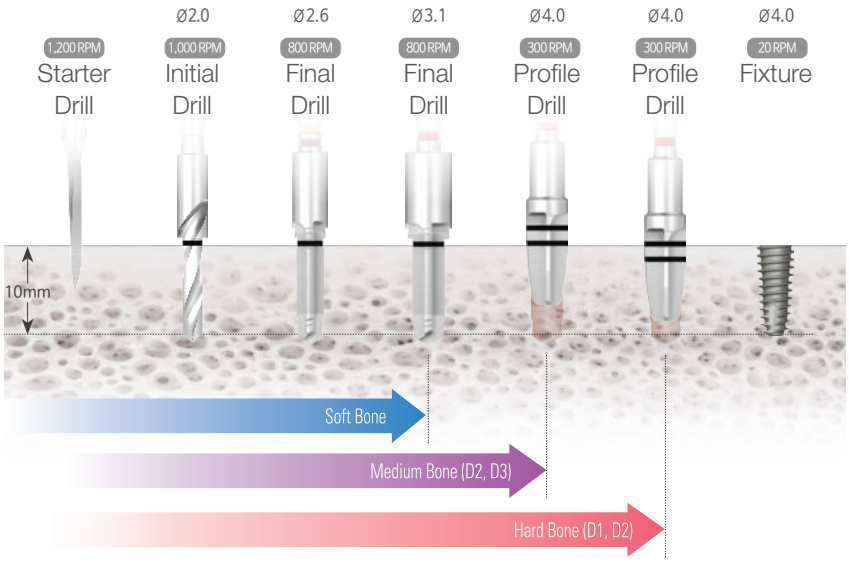


Ø3.8 Fixture

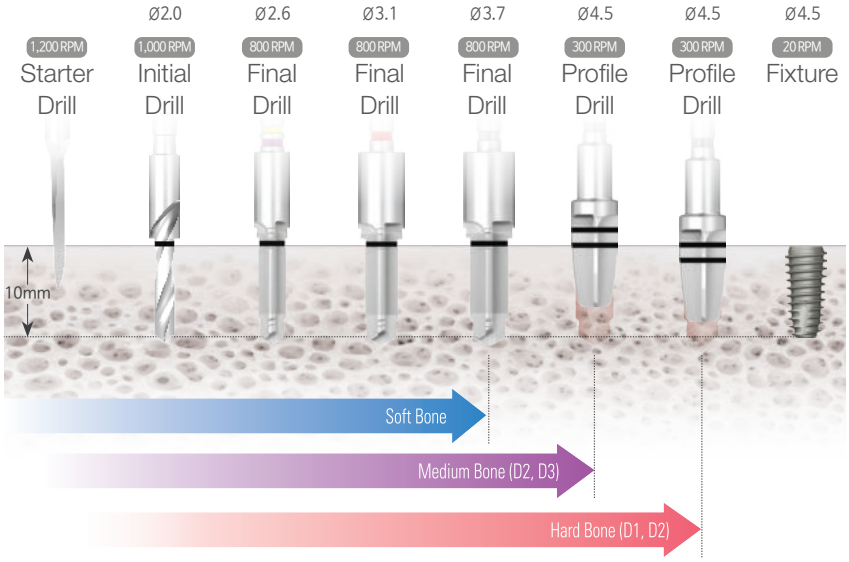


UF II Surgical Protocol

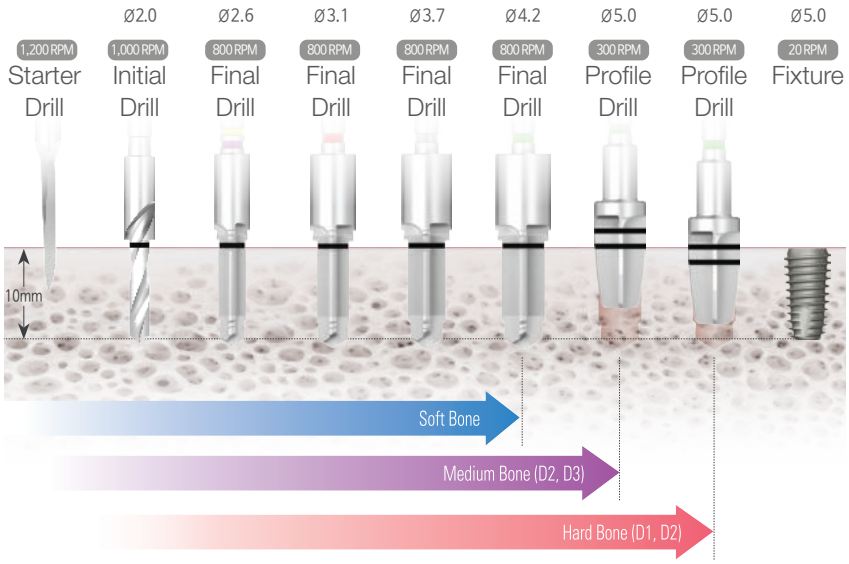
Ø4.0 Fixture



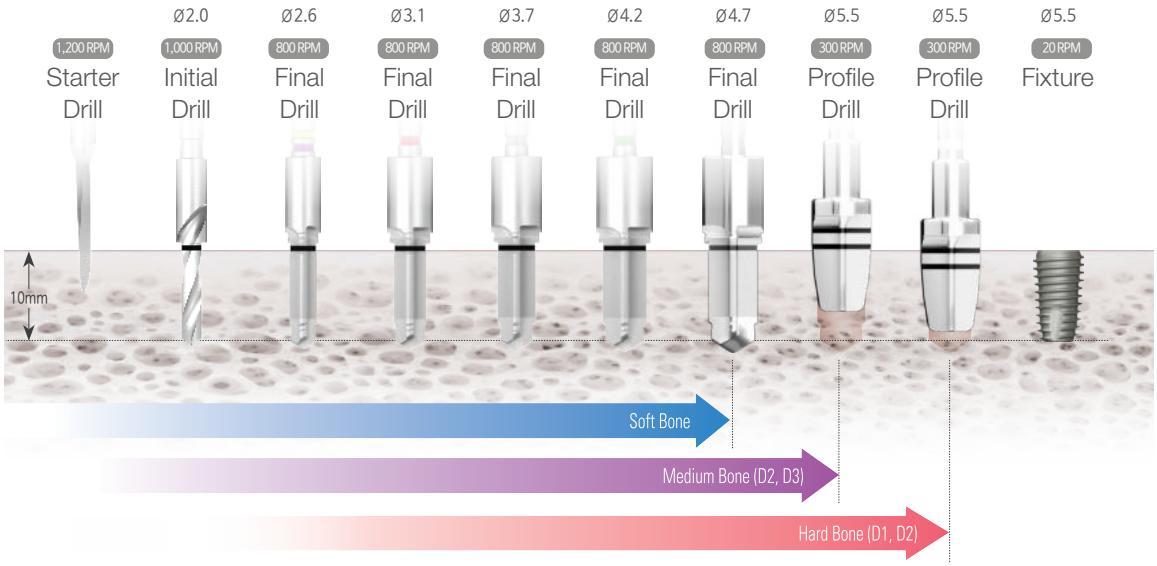
Ø4.5 Fixture



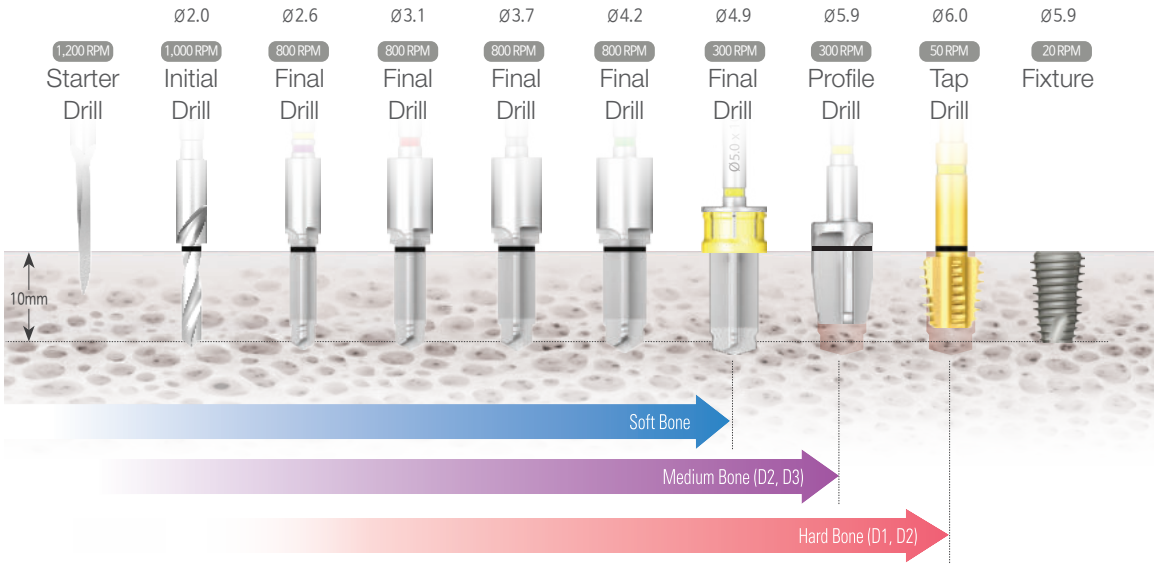
Ø5.0 Fixture



Ø5.5 Fixture

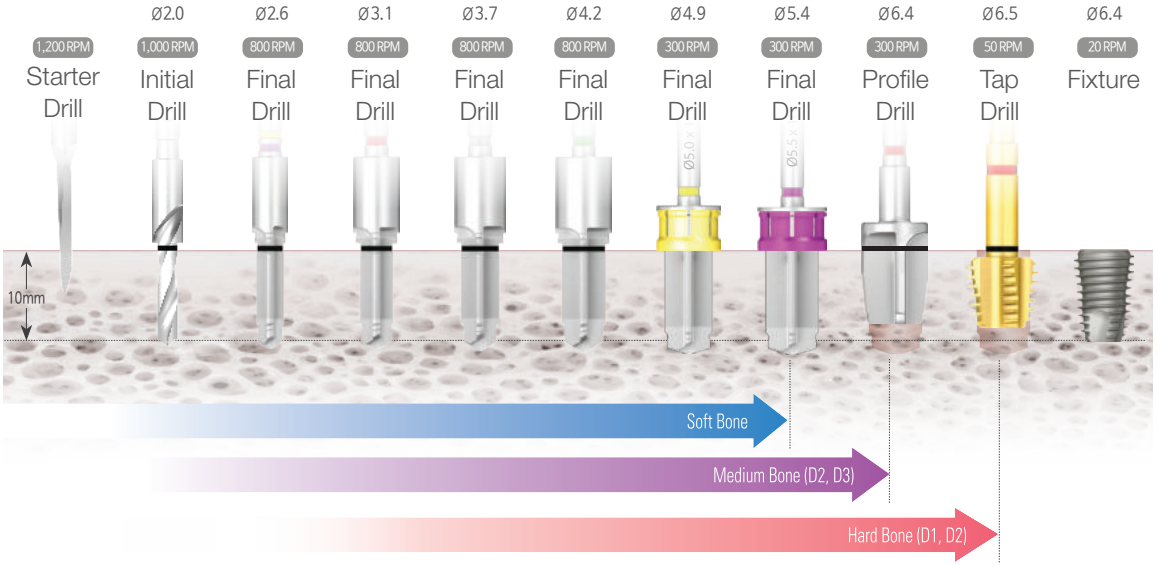


Ø5.9 Fixture

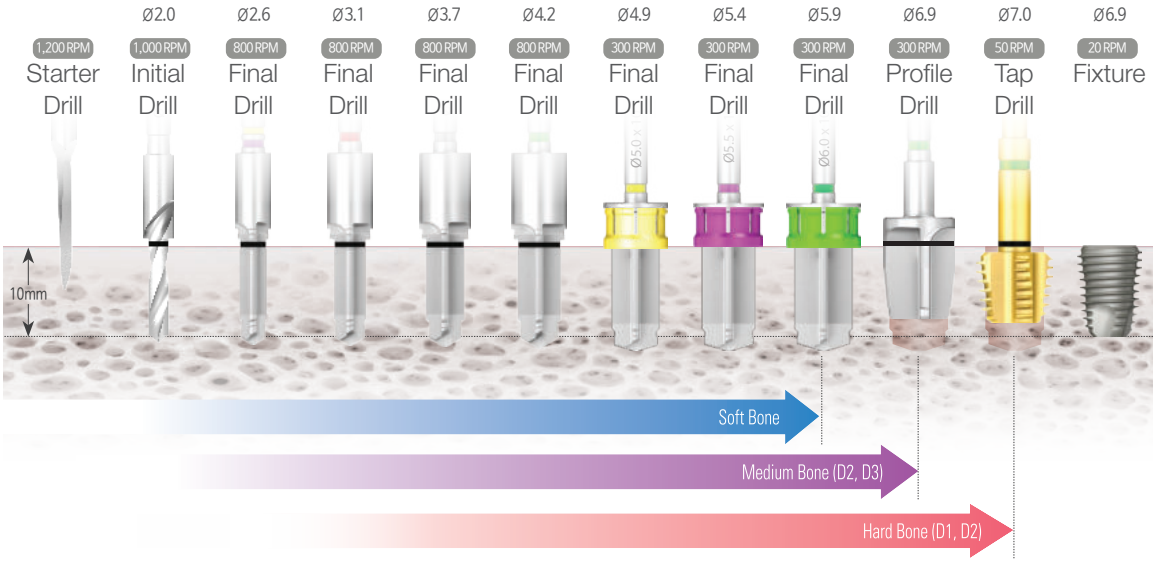


UF II Surgical Protocol

Ø6.4 Fixture



Ø6.9 Fixture



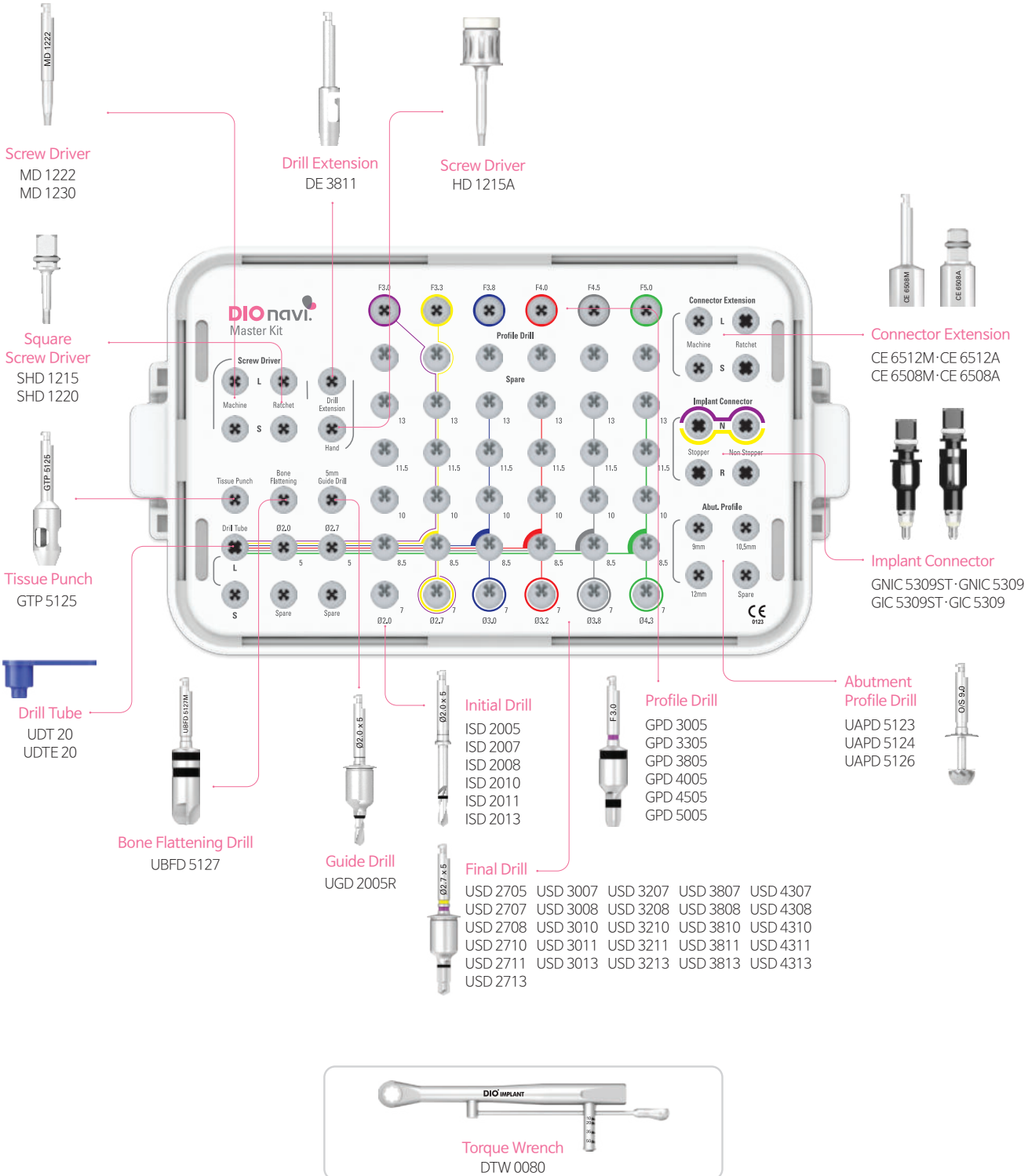
DIOnavi. Kits

DIOnavi. Master Kit

Kit Code I UF 05

· Kit composed of drill with outstanding cutting force and durability, etc.
· UFII Narrow Ø3.0 Ø3.3 UF(II) Regular Ø3.8 Ø4.0 Ø4.5 Ø5.0 Fixture
· Guide Sleeve : GS 53

Unit mm I Drill Scale 1 : 0.9



Surgical Tool

Tissue Punch

· Gingiva can be removed stably using a fixed blade inside the punch.
(Flapless Surgery)

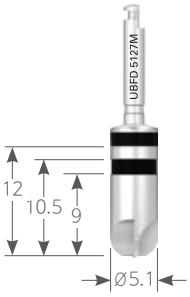
K **D Ø3.0**

Unit mm I Scale 1 : 1

Code	GTP **5125**

Bone Flattening Drill

· Remaining gingiva is removed for easier drilling,
and irregular alveolar crest is flattened.



K **D Ø5.1**

Unit mm I Scale 1 : 1

Code	UBFD **5127**

Guide Drill

· A hole on the bone is initially formed
on the bone for easier insertion of the initial drill.

K **D Ø2.0** Length **5**

Unit mm I Scale 1 : 1

Code	UGD **2005R**

Drill Extension

· Extends the drill length by 15.5mm.

K Length **11**

Unit mm I Scale 1 : 1

Code	DE **3811**

Surgical Tool

Drill Extension Set

· Extending the drill length by 15.5mm, this set includes a special cover for easy handling.
· Packing Unit : Drill Extension(DE 15) + Cover(DEC 07)
※ Available for individual purchase

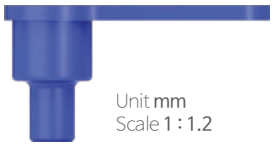
● 별매품
Unit mm I Scale 1 : 1.2

K

Code	DECS 15

Drill Tube

· To fix the guide drill and the initial drill without shakage.



Unit mm
Scale 1 : 1.2

● Sold separately

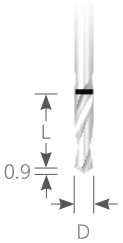
K

Unit mm I Scale 1 : 1

Code	UDT 20	UDTE 20	UDTL 20

Initial Drill

· A placement hole(osteotomy site) is formed on the cortical bone.

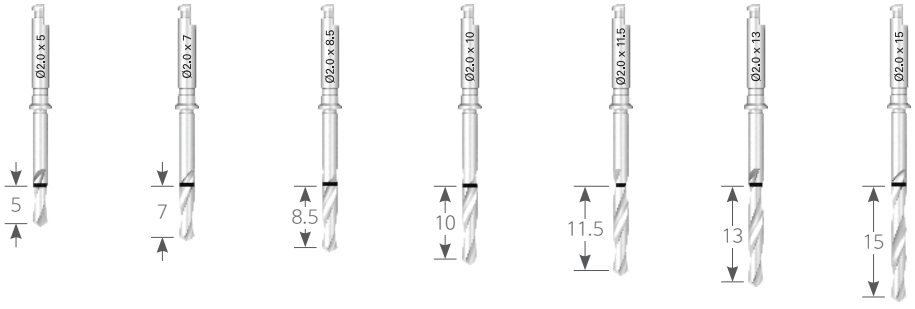


● Sold separately

K D Ø2.0

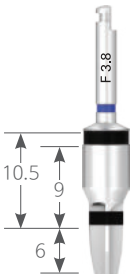
Unit mm I Scale 1 : 1

Code	ISD 2005	ISD 2007	ISD 2008	ISD 2010	ISD 2011	ISD 2013	ISD 2015



Profile Drill

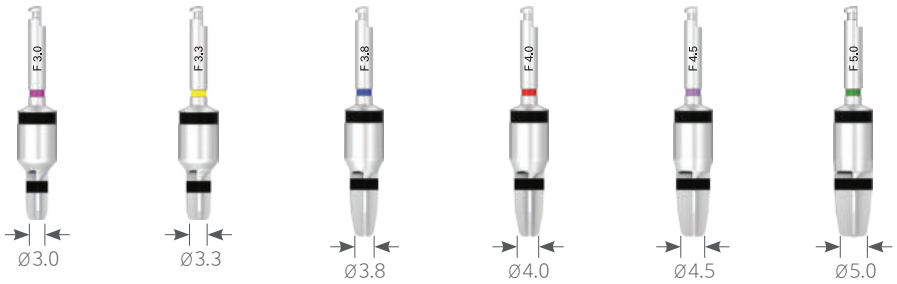
· The cortical bone is further drilled in D1 and D2 bones,
and excessive placement torque is prevented.



K

Unit mm I Scale 1 : 1

Fixture Size	Ø3.0	Ø3.3	Ø3.8	Ø4.0	Ø4.5	Ø5.0
Code	GPD **3005**	GPD **3305**	GPD **3805**	GPD **4005**	GPD **4505**	GPD **5005**



Color

Bone Profile Drill

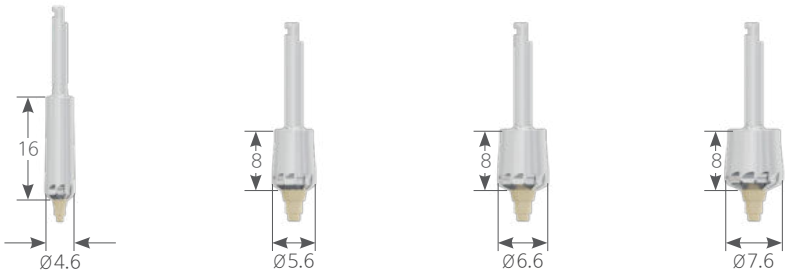
· When connecting abutment (healing) after implant placement, It is necessary to contour the bone
for proper seating of the abutments. (to contour bone to allow for a wider emergence profile restoration)
· To flatten and remove bone that has grown around or over an implant which impedes its restoration.
(When use a Abutment (with Healing Abutment)
· When abutment is completely tightened transmucosal recovery time is reduced.

● Sold separately

K

Unit mm I Scale 1 : 1

Code	BPD **4616GN**	BPD **5608G**	BPD **6608G**	BPD **7608G**

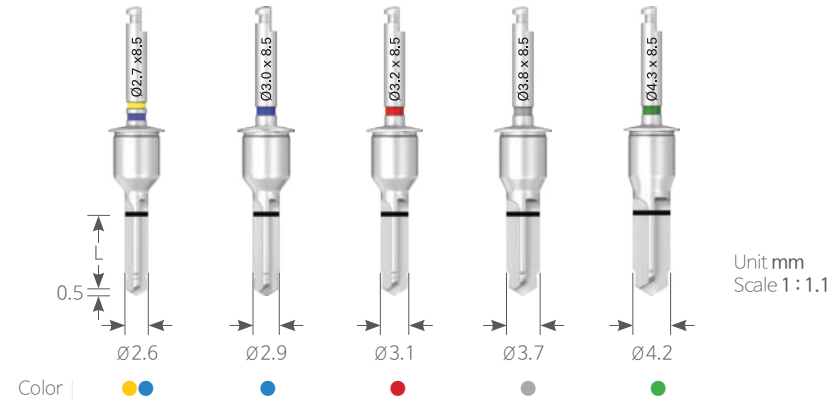


Code	Narrow	Regular	Regular	Regular

Surgical Tool

Final Drill

· The drill hole is expanded to the final drilling.



● Sold separately

K D Ø2.6

Code	USD 2705	USD 2707	USD 2708	USD 2710	USD 2711	USD 2713	USD 2715
							
Length	5	7	8.5	10	11.5	13	15

K D Ø2.9

Unit mm I Scale 1 : 1

Code	USD 3005	USD 3007	USD 3008	USD 3010	USD 3011	USD 3013	USD 3015
							
Length	5	7	8.5	10	11.5	13	15

● Sold separately

K D Ø3.1

Unit mm I Scale 1 : 1

Code	USD 3205	USD 3207	USD 3208	USD 3210	USD 3211	USD 3213	USD 3215
							
Length	5	7	8.5	10	11.5	13	15

K D Ø3.7

Unit mm I Scale 1 : 1

Code	USD 3805	USD 3807	USD 3808	USD 3810	USD 3811	USD 3813	USD 3815
							
Length	5	7	8.5	10	11.5	13	15

K D Ø4.2

Unit mm I Scale 1 : 1

Code	USD 4305	USD 4307	USD 4308	USD 4310	USD 4311	USD 4313	USD 4315
							
Length	5	7	8.5	10	11.5	13	15

Surgical Tool

Tap Drill

· Excessive implant placement torque is prevented.
· Ø3.0/Ø3.3 : Uses 5.3 Sleeve (GS 53BL: Blue)

● Sold separately

K

Unit mm I Scale 1 : 1

Fixture Size	Ø3.0	Ø3.3	Ø3.8	Ø4.0	Ø4.5	Ø5.0
Code	GNTD **3015**	GNTD **3315**	GTD **3815**	GTD **4015**	GTD **4515**	GTD **5015**

Color

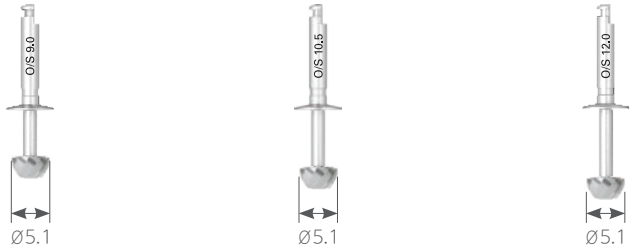
Abutment Profile Drill

· The cortical bone disrupting sitting of the abutment is removed, and emergence profile is formed.

K

Unit mm I Scale 1 : 1

Code	UAPD **5123**	UAPD **5124**	UAPD **5126**



Offset | 9 | 10.5 | 12

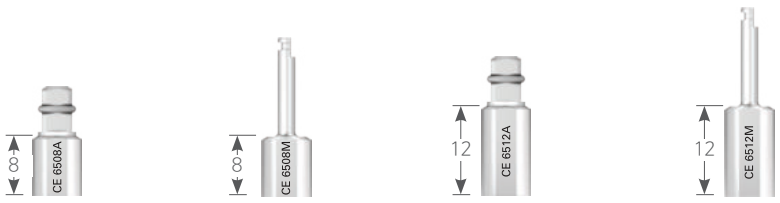
Connector Extension

· Length of the connector is extended during implant placement.

K

Unit mm I Scale 1 : 1

Code	CE **6508A**	CE **6508M**	CE **6512A**	CE **6512M**



Type | Ratchet | Machine | Ratchet | Machine

Implant Connector

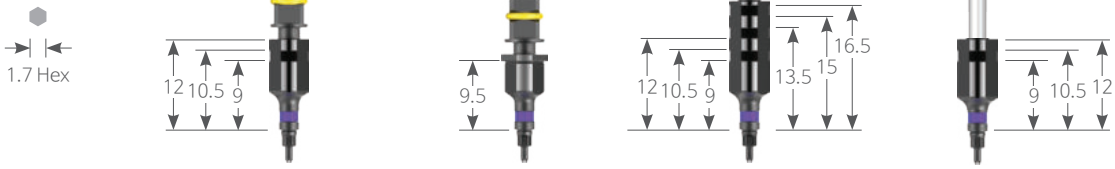
· Implant is placed according to depth of the fixture and direction of the internal hex planned in advance.
· Recommended use of UF(II) Narrow : 20 times / Be careful about excessive torque of 50Ncm or above.

● Sold separately

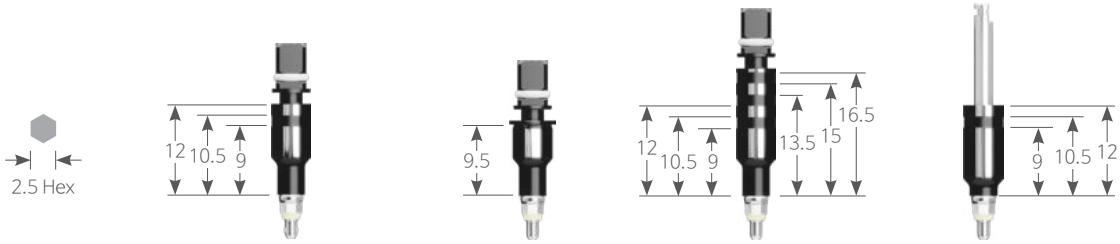
K

Unit mm | Scale 1 : 1

Type	Rachet			Machine
Code	Non-Stopper	Stopper	Multi	Non-Stopper



UF II **Narrow** | GNIC **5309** | GNIC **5309ST** | GNIC **5317** | GNICC **5309**



UF II **Regular** | GIC **5309** | GIC **5309ST** | GIC **5317** | GICC **5309**

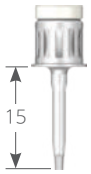
Surgical Tool

Screw Driver

· Utilized for attaching the upper prosthesis or 1.2Hex screw.

K Hex **1.2**

Unit mm I Scale 1 : 1

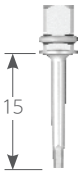
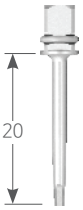
Code	MD **1222**	MD **1230**	HD **1215A**
			
Type	Machine	Machine	Ratchet

Sqaure Screw Driver

· Utilized for attaching the upper prosthesis or 1.2Hex screw.

K Hex **1.2**

Unit mm I Scale 1 : 1

Code	SHD **1215**	SHD **1220**
		

Torque Wrench

· Utilized for positioning the implant and tightening abutments and screws.
· Adjust the torque by pulling the bar until it aligns with the desired value on the scale.

K

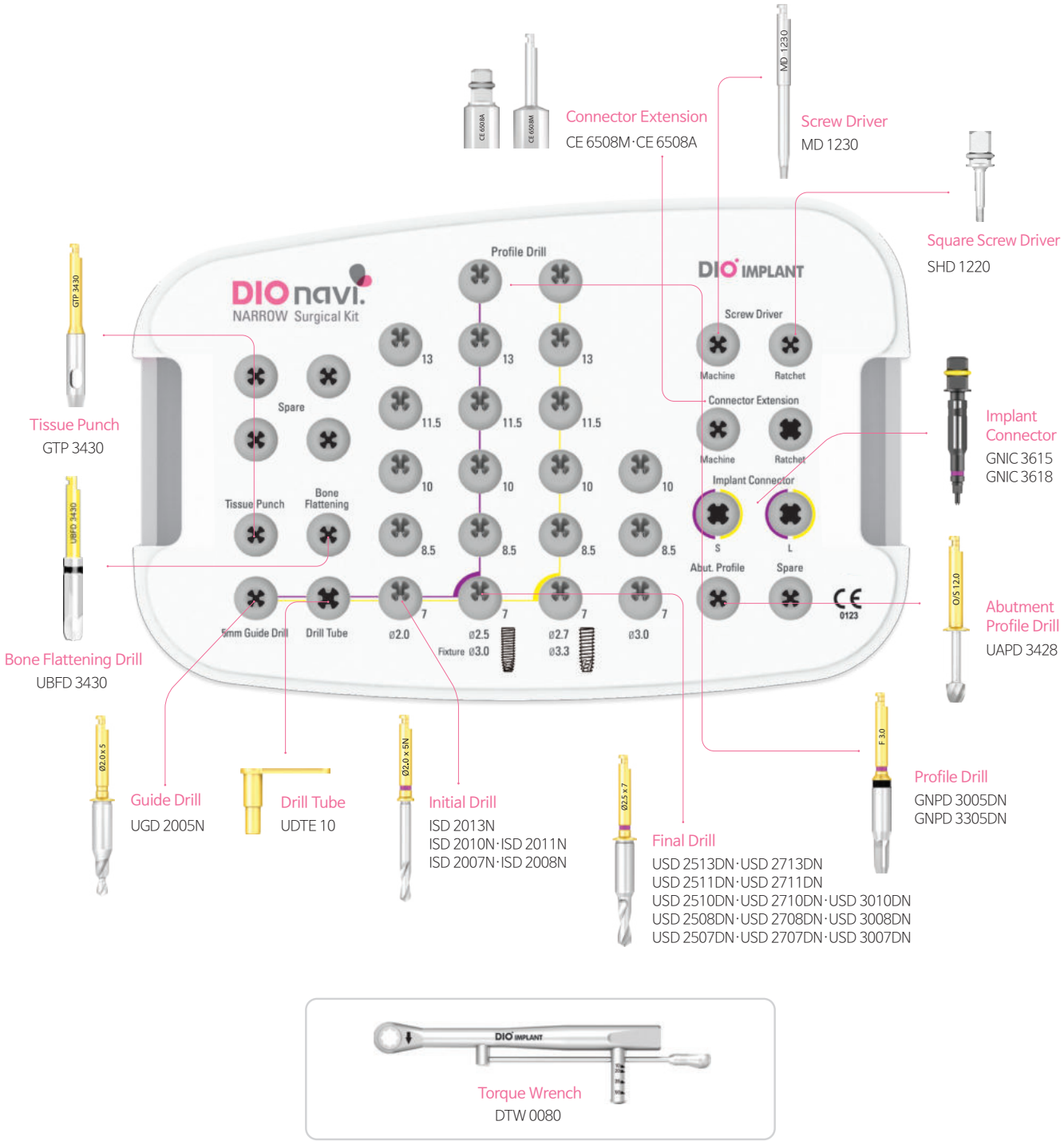
Code	DTW **0080**

DIOnavi. Narrow Kit

Kit Code I UF 14

· Kit composed of drill with outstanding cutting force and durability, etc.
· UF(II) Narrow Ø3.0 Ø3.3 Fixture
· Guide Sleeve : GSL 36, GS36

Unit mm I Drill Scale 1 : 0.9



Surgical Tool

Tissue Punch

· Gingiva in the position of implant placement is incised into a round shape, and the inner double blade is used to remove the gum tissue cut into round shape.

Double blade
Gingiva can be removed stably using a fixed double blade inside the punch (flapless surgery).

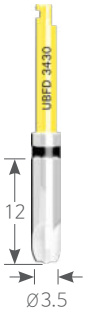
K **D Ø2.8**

Unit mm I Scale 1 : 1.15

Code	GTP **3430**

Bone Flattening Drill

· Alveolar crest surface is flattened, and soft tissue remaining in the alveolar crest is removed after using the tissue punch.



Quadruple blade
A triple plade is used for stable drilling of the hard alveolar ridge.

K **D Ø3.5**

Unit mm I Scale 1 : 1.15

Code	UBFD **3430**

Guide Drill

· A hole in the bone is initially formed on the bone for easier insertion of the initial drill.

Double stepped drill
Stable drilling can be done due to short double step drill. This is a basic drill to maintain the accuracy of the path.

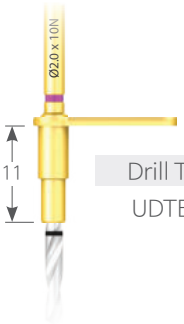
K **D Ø2.0**

Unit mm I Scale 1 : 1.15

Code	UGD **2005N**

Initial Drill

· It secures accurate depth and direction of drilling performed after achieving accurate hole formation during the initial steps.



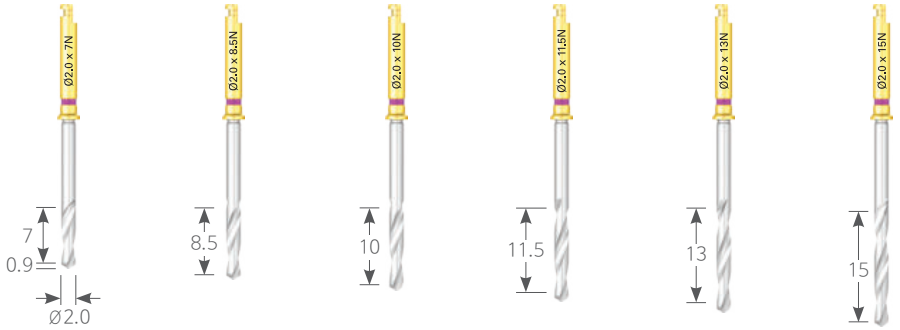
Drill Tube
UDTE **10**

● Sold separately

K **D Ø2.0**

Unit mm I Scale 1 : 1

Code	ISD **2007N**	ISD **2008N**	ISD **2010N**	ISD **2011N**	ISD **2013N**	ISD **2015N**



Drill Tube

· To fix the guide drill and the initial drill without shakage.

K **D Ø3.5**

Unit mm I Scale 1 : 1.15

Code	UDTE **10**

Profile Drill

· Used to further drill cortical bone in the mandible with bone density of D1 or D2 for the purpose of preventing excessive torque.

K

Unit mm I Scale 1 : 1

Fixture Size	Ø3.0	Ø3.3
Code	GNPD **3005DN**	GNPD **3305DN**

Color

Surgical Tool

Final Drill

● Sold separately

K D Ø2.5

Unit mm I Scale 1 : 1

Code	USD 2507DN	USD 2508DN	USD 2510DN	USD 2511DN	USD 2513DN	USD 2515DN
Length	7	8.5	10	11.5	13	15

K D Ø2.6

Unit mm I Scale 1 : 1

Code	USD 2707DN	USD 2708DN	USD 2710DN	USD 2711DN	USD 2713DN	USD 2715DN

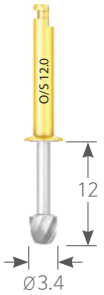
K D Ø2.9

Unit mm I Scale 1 : 1

Code	USD 3007DN	USD 3008DN	USD 3010DN	USD 3011DN	USD 3013DN	USD 3015DN

Abutment Profile Drill

· Shape of abutment profile is formed by rotating the functional drill 360 degrees which removes the disruptive alveolar bone around the abutment or H-Scanbody.



Unit mm I Scale 1 : 1.15

K **D Ø3.4**

Code	UAPD **3428**

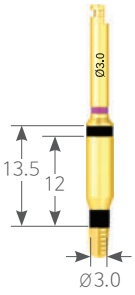
Tap Drill

· Uses 3.6 Sleeve (GSL 36YE : Yellow)

● Sold separately

Unit mm I Scale 1 : 1

K **Hex 1.7**

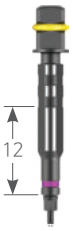
Code	GNTD **3018DN**	GNTD **3318DN**
		
Color	●	●

Implant Connector

· If depth of placement and position of fixture hexagon are aligned with the guide sleeve projection during placement of the fixture, it is aligned with hex direction of the premade customized abutment.

Unit mm I Scale 1 : 1

K **Hex 1.7**

Code	GNIC **3615**	GNIC **3618**
		
Type	Short	Long

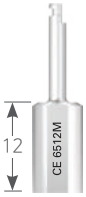
Connector Extension

· Length of the connector is extended during implant placement.

● Sold separately

Unit mm I Scale 1 : 1.2

K

Code	CE **6508A**	CE **6508M**	CE **6512A**	CE **6512M**
				
Type	Ratchet	Machine	Ratchet	Machine

Surgical Tool

Screw Driver Machine

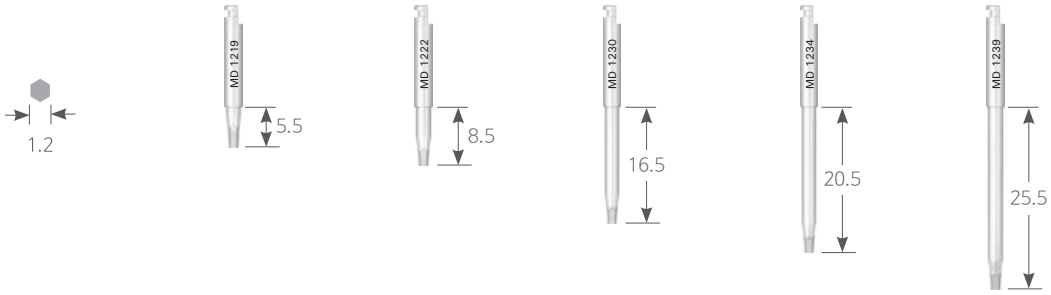
· Used to connect the abutment screw (for handpiece) using an abutment screw driver for ratchet.

● Sold separately

K Hex **1.2**

Unit mm I Scale 1 : 1

Code	MD 1219	MD 1222	MD 1230	MD 1234	MD 1239

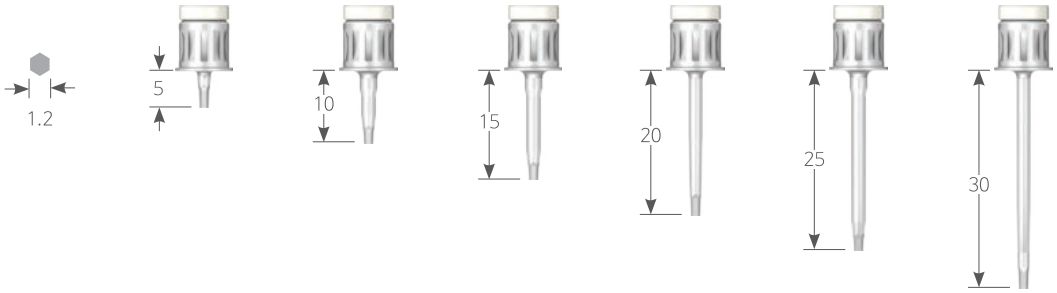


Screw Driver Ratchet

K Hex **1.2**

Unit mm I Scale 1 : 1

Code	HD 1205A	HD 1210A	HD 1215A	HD 1220A	HD 1225A	HD 1230A

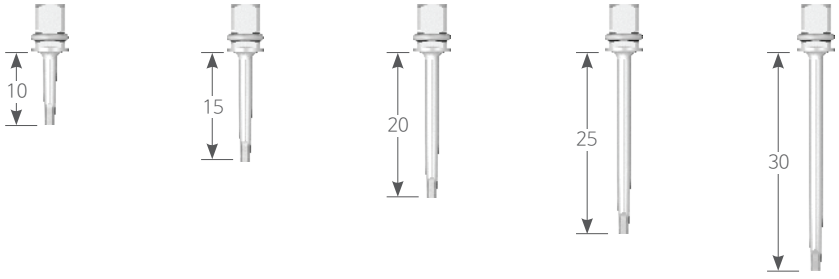


Square Screw Driver

K Hex **1.2**

Unit mm I Scale 1 : 1

Code	SHD 1210	SHD 1215	SHD 1220	SHD 1225	SHD 1230

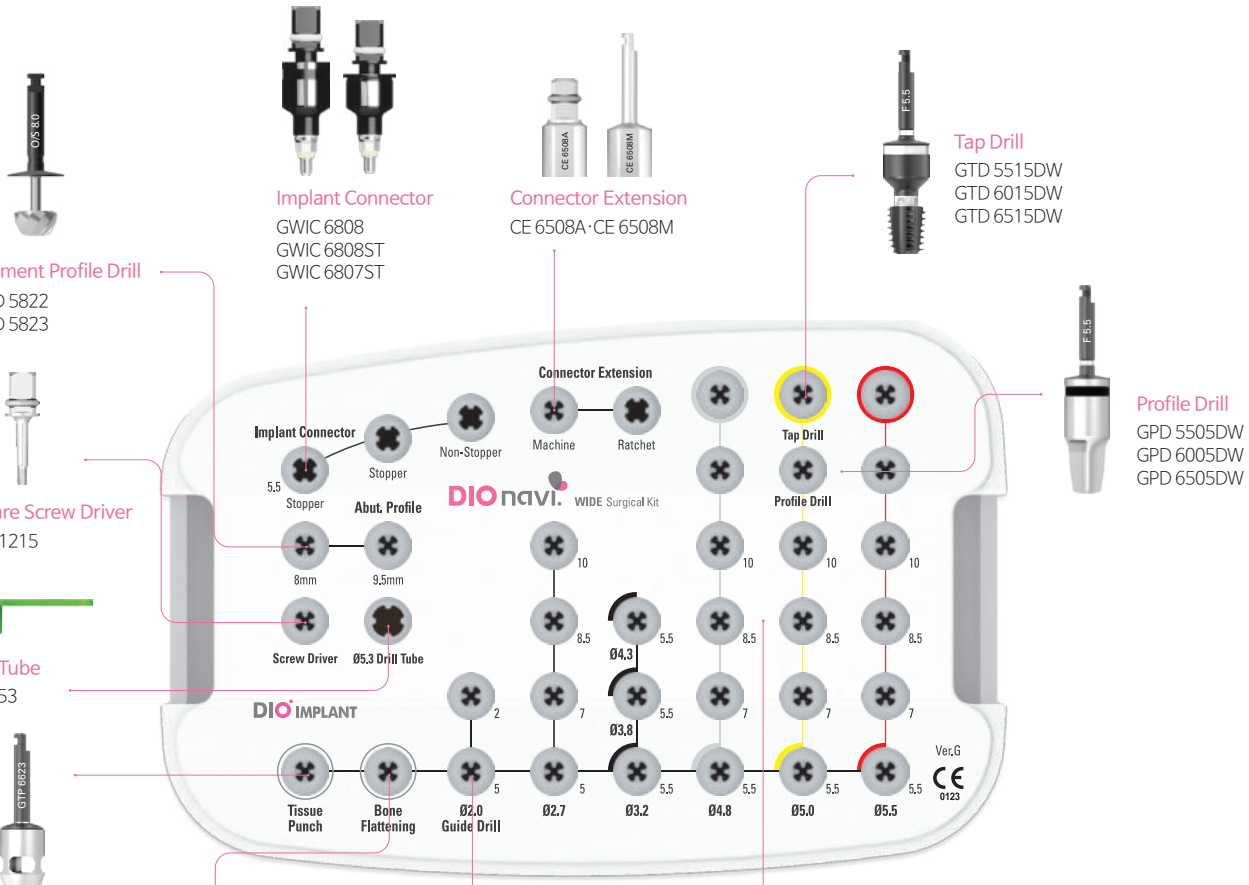


DIOnavi. Wide Kit

Kit Code I UF 11

· Kit composed of drill with outstanding cutting force and durability, etc.
· UFII Wide Ø5.5 Ø6.0 Ø6.5 Fixture
· Guide Sleeve : GS 68GN

Unit mm I Drill Scale 1 : 0.9



Implant Connector
GWIC 6808
GWIC 6808ST
GWIC 6807ST

Connector Extension
CE 6508A·CE 6508M

Tap Drill
GTD 5515DW
GTD 6015DW
GTD 6515DW

Abutment Profile Drill
UAPD 5822
UAPD 5823

Square Screw Driver
SHD 1215

Drill Tube
UDT 53

Profile Drill
GPD 5505DW
GPD 6005DW
GPD 6505DW

Tissue Punch
GTP 6623

Bone Flattening Drill
UBFD 6623

Guide Drill
UGD 2002W
UGD 2005W

Final Drill
USD 2705DW·USD 2707DW·USD 2708DW·USD 2710DW
USD 3205DW·USD 3805DW·USD 4305DW
USD 4805DW·USD 4807DW·USD 4808DW·USD 4810DW
USD 5005DW·USD 5007DW·USD 5008DW·USD 5010DW
USD 5505DW·USD 5507DW·USD 5508DW·USD 5510DW

Torque Wrench
DTW 0080

Surgical Tool

Tissue Punch

· Gingiva can be removed stably using a fixed blade inside the punch

K **D Ø4.5**

Unit mm I Scale 1 : 1.15

Code	GTP **6623**

Bone Flattening Drill

· Irregular alveolar crest surface is flattened.

K **D Ø6.7**

Unit mm I Scale 1 : 1.15

Code	UBFD **6623**

Drill Tube

· Used for drilling of the guide drill and initial drill without oscillation

K

Unit mm I Scale 1 : 1.2

Code	UDT **53**

Guide Drill

· A hole is initially formed on the bone for easier insertion of the initial drill.

K **D Ø2.0**

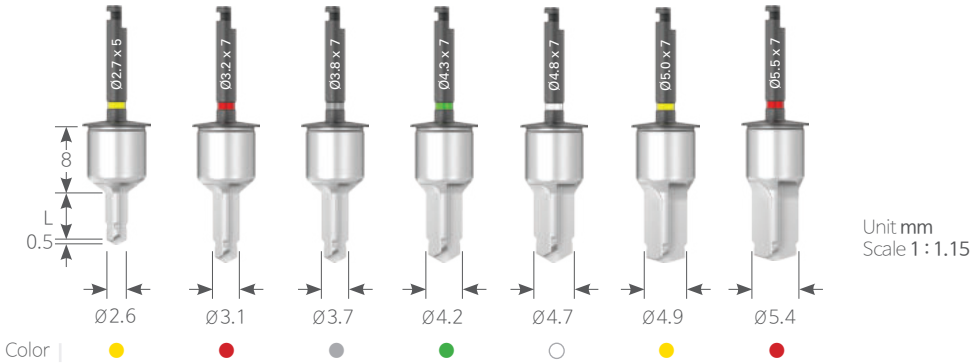
Unit mm I Scale 1 : 1

Code	UGD **2002W**	UGD **2005W**

Surgical Tool

Final Drill

· The drill hole is expanded to the final drilling.



K D Ø2.6

Unit mm | Scale 1 : 1

Code	USD **2705DW**	USD **2707DW**	USD **2708DW**	USD **2710DW**
				
Length	5	7	8.5	10

K Length **5.5**

Unit mm | Scale 1 : 1

Code	USD **3205DW**	USD **3805DW**	USD **4305DW**
			
Diameter	Ø3.1	Ø3.7	Ø4.2

Surgical Tool

K D Ø4.7

Unit mm I Scale 1 : 1

Code	USD **4805DW**	USD **4807DW**	USD **4808DW**	USD **4810DW**
				
Length	5.5	7	8.5	10

K D Ø4.9

Unit mm I Scale 1 : 1

Code	USD **5005DW**	USD **5007DW**	USD **5008DW**	USD **5010DW**
				
Length	5.5	7	8.5	10

K D Ø5.4

Unit mm I Scale 1 : 1

Code	USD **5505DW**	USD **5507DW**	USD **5508DW**	USD **5510DW**
				
Length	5.5	7	8.5	10

Profile Drill

· Used to further drill cortical bone in the mandible with bone density of D1 or D2 for the purpose of preventing excessive torque

K

Unit mm I Scale 1 : 1

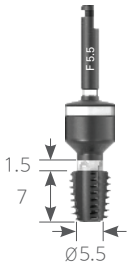
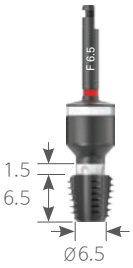
Fixture Size	Ø5.5	Ø5.9	Ø6.4
Code	GPD **5505DW**	GPD **6005DW**	GPD **6505DW**
			
Color	○	●	●

Tap Drill

· Excessive implant placement torque is prevented.

K

Unit mm I Scale 1 : 1

Fixture Size	Ø5.5	Ø5.9	Ø6.4
Code	GTD **5515DW**	GTD **6015DW**	GTD **6515DW**
			
Color	○	●	●

Connector Extension

· Length of the connector is extended during implant placement.

K

Unit mm I Scale 1 : 1.1

Code	CE **6508A**	CE **6508M**
		
Type	Ratchet	Machine

Abutment Profile Drill

· The cortical bone disrupting sitting of the abutment is removed, and emergence profile is formed.

K **D Ø5.8**

Unit mm I Scale 1 : 1

Code	UAPD **5822**	UAPD **5823**
		
Offset	8	9.5

Implant Connector

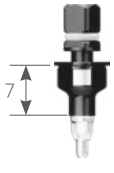
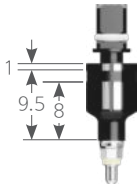
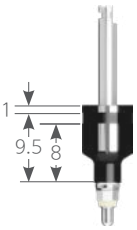
· Implant is placed according to depth of the fixture and direction of the internal hex planned in advance.

· Maximum Tightening Torque : 50Ncm

● Sold separately

K

Unit mm I Scale 1 : 1

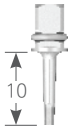
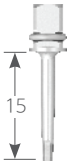
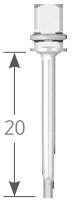
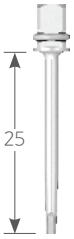
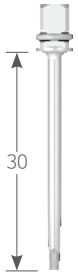
Code	GWIC **6807ST**	GWIC **6808ST**	GWIC **6808**	GWICC **6808**
				
Type	Stopper	Stopper	Non-Stopper	Machine Non-Stopper
Offset	7	8	8 / 9.5	8 / 9.5

Square Screw Driver

● Sold separately

K Hex **1.2**

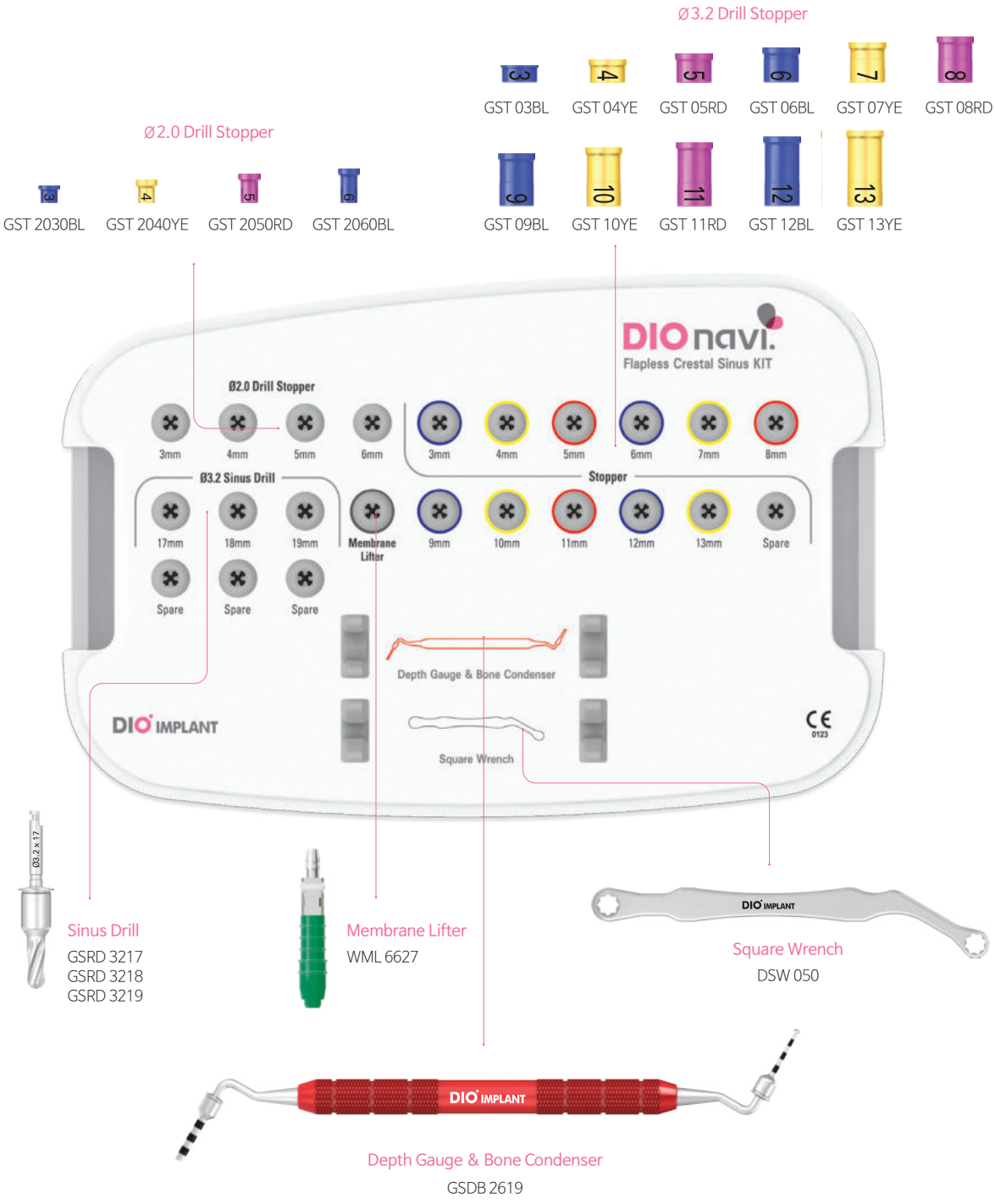
Unit mm I Scale 1 : 1

Code	SHD **1210**	SHD **1215**	SHD **1220**	SHD **1225**	SHD **1230**
					

DIOnavi. Flapless Crestal Sinus Kit

Kit Code I SMK 02

Unit mm I Drill Scale 1 : 0.9



Surgical Tool

Ø2.0 Drill Stopper

· This is used to connect to the Ø2.0 initial drill of DIOnavi. Master to maintain constant depth during surgery.
· Range of length is 3~6mm with 1mm interval and anodizing and laser marking are done for each length.

K

Unit mm I Scale 1 : 1

Code	GST **2030BL**	GST **2040YE**	GST **2050RD**	GST **2060BL**

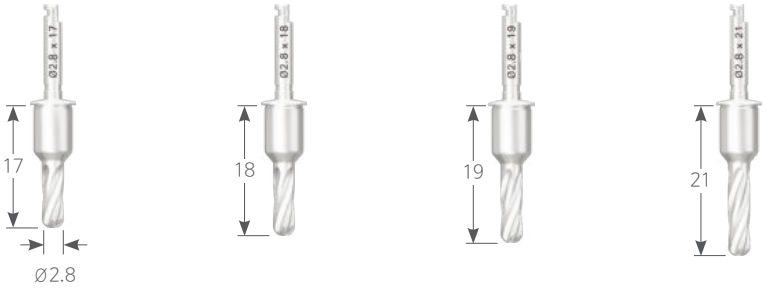
Sinus Round Drill

· Dome shaped tip is designed to prevent damaging of the membrane during drilling.
· Depth must be adjusted using a stopper.
· Non-irrigation and low-speed drilling (10rpm)

K D Ø2.8

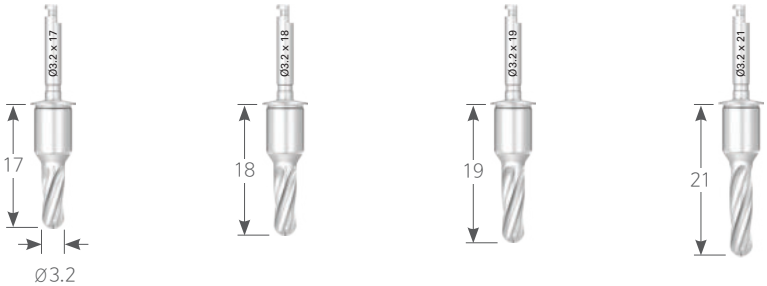
● Sold separately
Unit mm I Scale 1 : 1

Code	GSRD **2817**	GSRD **2818**	GSRD **2819**	GSRD **2821**



K D Ø3.2

Code	GSRD **3217**	GSRD **3218**	GSRD **3219**	GSRD **3221**



Ø3.2 Drill Stopper For crestal approach

· This is used by connecting to the Ø3.2 round drill of Flapless Crestal Sinus Kit.
· Range of length is 3~13mm with 1mm interval to maintain constant depth during surgery.
Anodizing and laser marking are done for each length.

K

Unit mm I Scale 1 : 1

Code	GST **03BL**	GST **04YE**	GST **05RD**	GST **06BL**	GST **07YE**	GST **08RD**

Code	GST **09BL**	GST **10YE**	GST **11RD**	GST **12BL**	GST **13YE**

Depth Gauge & Bone Condenser

· After checking the thickness of the residual bone and whether the membrane is lifted, push in the bone into the lifted sinus.
· After separating the Guide, make sure to use it attaching the Stopper.

K

Unit mm

Code	GSDB **2619**

Membrane Lifter

· Single use only

K

Unit mm

Code	WML **6627**

Surgical Tool

Square Wrench

· Used for installing fixtures or fastening abutments and screws

Unit mm

K	
Code	DSW **050**

Sailine Tube

· Syringe ※ Separately sold product

● Sold separately

Unit mm

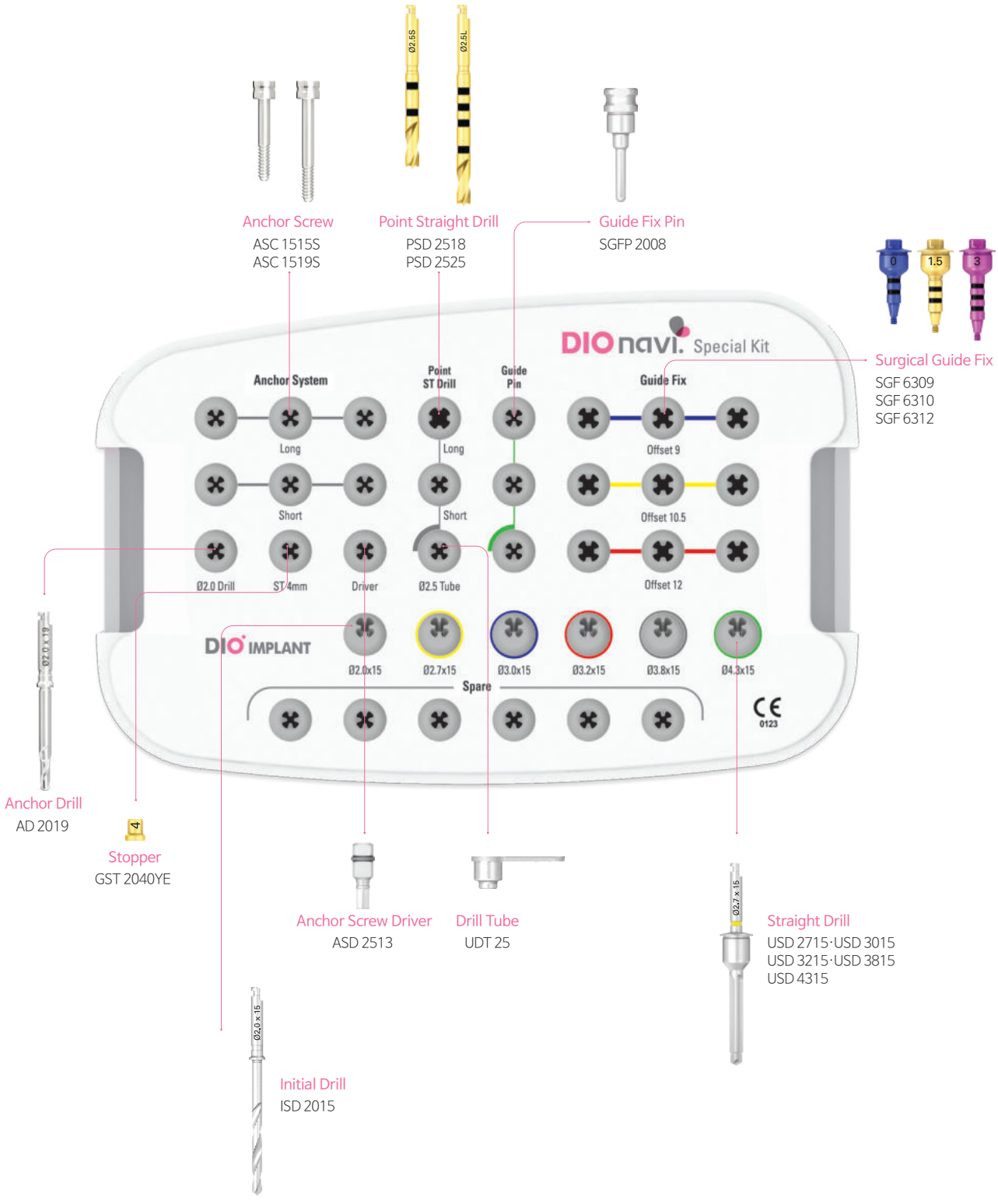
K	
Code	MLT **40300**

DIOnavi. Special Kit

Kit Code I SGF 02

· Kit composed of drill with outstanding cutting force and durability, etc.

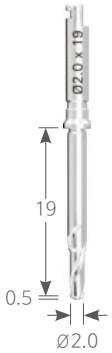
Unit mm I Drill Scale 1 : 0.9



Surgical Tool

Anchor Drill

· A hole is formed to insert an anchor pin into the bone for the purpose of fixating the surgical guide.



K **D Ø2.0**

Unit mm I Scale 1 : 1.15

Code	AD **2019**

Stopper

· This is used when connecting to the Ø2.0 initial drill. Constant depth is maintained during surgery.

K **D Ø2.9**

Unit mm I Scale 1 : 1.15

Code	GST **2040YE**

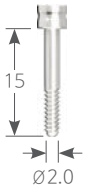
Anchor Screw

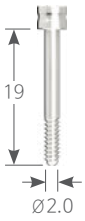
· Used to connect the anchor screw using an anchor screw driver for ratchet

K **D Ø2.0**

Unit mm I Scale 1 : 1

Code	ASC **1515S**	ASC **1519S**





Anchor Screw Driver

· Used to connect the anchor screw using an anchor screw driver for ratchet

K

Unit mm I Scale 1 : 1.15

Code	ASD **2513**

Surgical Tool

Initial Drill

· Utilized to establish the initial drilling hole.

K **D Ø2.0**

Unit mm I Scale 1 : 1.15

Code	ISD **2015**

Drill Tube

· Used for drilling of the guide drill and initial drill without oscillation

K

Unit mm I Scale 1 : 1.2

Code	UDT **25**

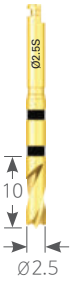
Point Straight Drill

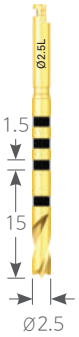
· Use of a drill tube (UDT 25) exclusive for the instrument (with a shape that prevents slipping on the bone) to form the guide hole in accurate position

K **D Ø2.5**

Unit mm I Scale 1 : 1

Code	PSD **2518**	PSD **2525**





Surgical Guide Fix Pin

· Used after Ø2.0 drilling to insert a surgical guide fix pin into the hole to fix the surgical guide in place and prevent shaking (side shaking is prevented after fixing)

K

Unit mm I Scale 1 : 1.15

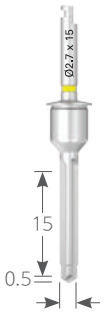
Code	SGFP **2008**

Surgical Tool

Straight Drill

K Length **15**

Unit mm I Scale 1 : 1

Code	USD **2715**	USD **3015**	USD **3215**	USD **3815**	USD **4315**
					
Color	Ø2.6	Ø2.9	Ø3.1	Ø3.7	Ø4.2

Surgical Guide Fix

· Used to fix the surgical guide in place and prevent movement by connecting to the fixture placed earlier
(side shaking is prevented after fixing)

K

Unit mm I Scale 1 : 1

Code	SGF **6309**	SGF **6310**	SGF **6312**
			
Offset	9	10.5	12

DIOnavi. Drill Plate

· To increase efficiency and convenience of sterilizing drills and restoring them into the KIT set after DIOnavi. Surgery
· Sterilizable material
· Size : 200×140×30(mm)
※ Non-medical devices

K

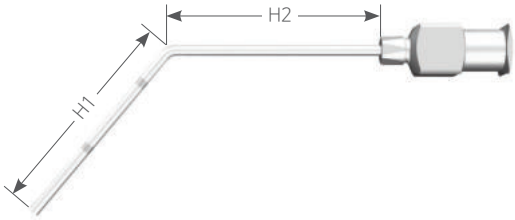
● Sold separately
Unit mm

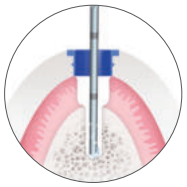
Code	NP **01**

Surgical Tool

Metal Needle

· Place the Metal needle tip deep into the osteotomy site, in order to prevent any damage caused by over-heating of the bone and complete removal of remaining tissues and particles at drilled bone cavity.
· Recommended capacity of the syringe : 30~50cc (Refrigerate before surgery)





O

Place the metal needle tip deep into the osteotomy site.

X

With the needle tip not all the way down to osteotomy it is hard to irrigate

K

● Sold separately
Unit mm I Scale 1 : 1.15

Code	MNTE	MNTL
Height 1	30	25
Height 2	50	25

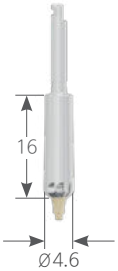
Bone Profile Drill

· When connecting abutment (healing) after implant placement, It is necessary to contour the bone for proper seating of the abutments. (to contour bone to allow for a wider emergence profile restoration)
· To flatten and remove bone that has grown around or over an implant which impedes its restoration. (When use a Abutment(with Healing Abutment)
· When abutment is completely tightened transmucosal recovery time is reduced.

K

● Sold separately
Unit mm I Scale 1 : 1

Type	Narrow	Regular	Regular	Regular
Code	BPD **4616GN**	BPD **5608G**	BPD **6608G**	BPD **7608G**



Surgical Tool

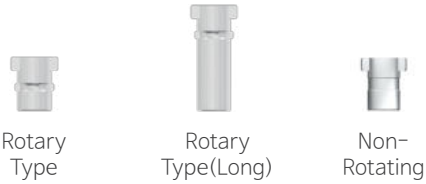
Surgical Guide Sleeve

· Rotating Surgical Guide Sleeve : Equipped with anti-dislodgement ribs for increased stability and secure attachment to the guide.
※ Non-interchangeable (Rotating Type Sleeve is only compatible with Rotating Type Guide)

Fixture Size		Narrow		Regular	Wide
Rotary Type	Single	GS **36YE**	GSL **36YE**	GS **53BL**	GS **68GN**
Rotary Type	10set	GS **36YE_10**	GSL **36YE_10**	GS **53BL_10**	GS **68GN_10**
Rotary Type	50set	GS **36YE_50**	GSL **36YE_50**	GS **53BL_50**	GS **68GN_50**
Non-Rotating	Single	GSCS **36YE**	GSC **36YE**	GSC **53BL**	GSC **68GN**
Non-Rotating	10set	GSCS **36YE_10**	GSC **36YE_10**	GSC **53BL_10**	GSC **68GN_10**
Non-Rotating	50set	GSCS **36YE_50**	GSC **36YE_50**	GSC **53BL_50**	GSC **68GN_50**

Anchor Sleeve

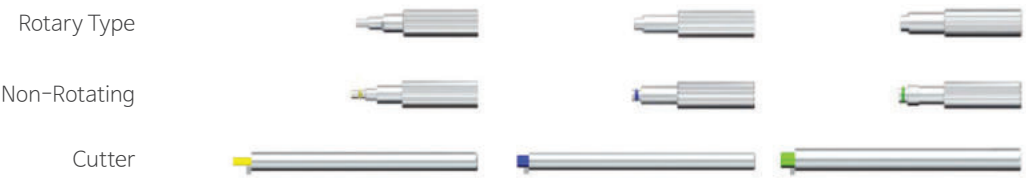
· Rotating Surgical Guide Sleeve : Equipped with anti-dislodgement ribs for increased stability and secure attachment to the guide.
※ Non-interchangeable (Rotating Type Sleeve is only compatible with Rotating Type Guide)



Type	Single	10 Set	50 Set
Rotary Type	AS **20**	AS **20_10**	AS **20_50**
Rotary Type(Long)	ASL **20**	ASL **20_10**	ASL **20_50**
Non-Rotating	ASC **20**	ASC **20_10**	ASC **20_50**

Sleeve Assembly Jig / Cutter

· Jig : Utilized for affixing Sleeve to Guide
※ Non-interchangeable (Rotating type Jig can only be used with Rotating type Sleeve)
· Cutter : Attach to the sleeve, then rotate to eliminate any burrs from the top surface of the Sleeve.



Fixture Size		Narrow	Regular	Wide
Sleeve Assembly Jig	Rotary Type	GS**JN**	GS**JR**	GS**JW**
Sleeve Assembly Jig	Non-Rotating	GS**JCN**	GS**JCR**	GS**JCW**
Cutter		GP**CN**	GP**CR**	GP**CW**

Instrument Kits

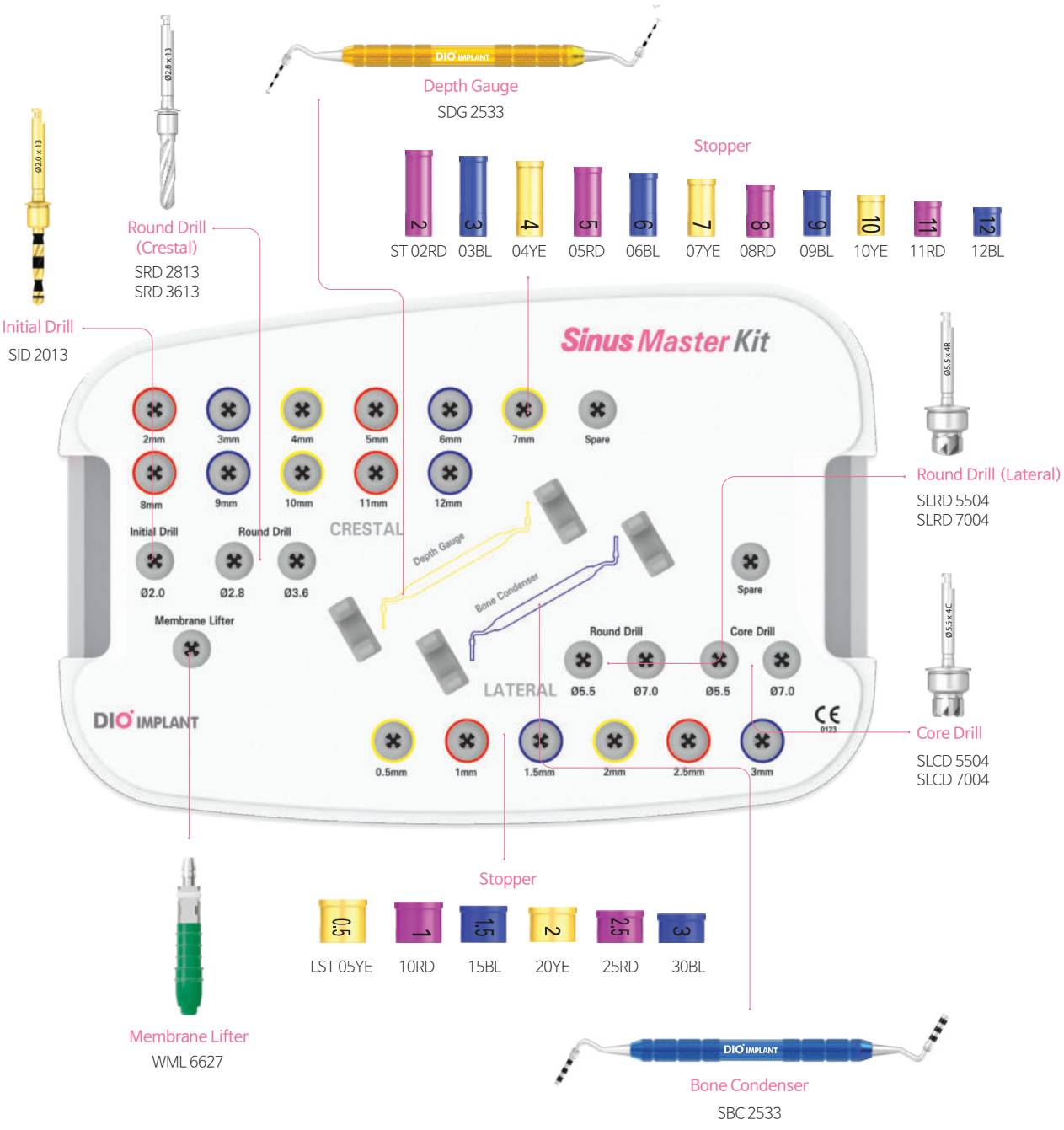
Sinus Master Kit

Kit Code I SMK 01

· **Crestal Approach Technic**
Sinus Technic based on low-speed drilling (50~100rpm) and stopper that perforates the inferior cortical wall and lifts the membrane.

· **Lateral Approach Technic**
Round drill or core drill can be selected. The membrane can be lifted and based on low-speed drilling (50~100rpm) and stopper.

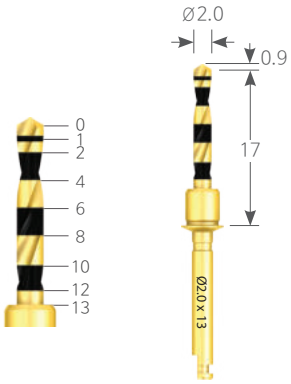
Unit mm I Drill Scale 1 : 0.9



Surgical Tool Crestal

Ø2.0 Intial Drill

· Utilized to establish the initial drilling hole.



K **D Ø2.0**

Unit mm I Scale 1 : 1.2

Code	SID **2013**

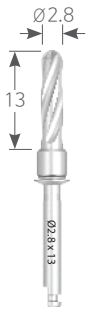
Round Drill

· A drill exclusively designed for the Sinus Crestal approach.
※ The drill tip is designed with a rounded shape to provide protection to the membrane during use.

K Length **13**

Unit mm I Scale 1 : 1.2

Code	SRD **2813**	SRD **3613**



Stopper

· Stopper must be used for adjusting depth of the drill. It is distinguished by color and number.

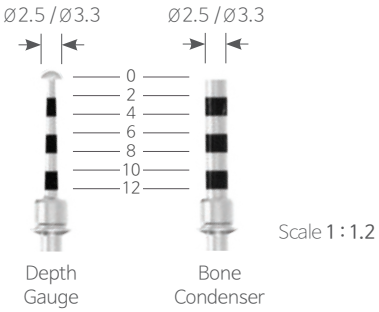
K

Unit mm I Scale 1 : 1

Code	ST 02RD	03BL	04YE	05RD	06BL	07YE	08RD	09BL	10YE	11RD	12BL

Drilling Length	2	3	4	5	6	7	8	9	10	11	12
Stopper Length	15	14	13	12	11	10	9	8	7	6	5

Surgical Tool Crestal



Depth Gauge

· Used for measuring the thickness of the remaining bone and distributing the transplanted bone graft material.

K

Unit mm

Code	SDG **2533**

Bone Condenser

· Employed for measuring the thickness of the remaining bone, assessing the approach to the Membrane, and compacting the bone graft material into the elevated Membrane.

K

Unit mm

Code	SBC **2533**

Membrane Lifter

· Single use only

K

Unit mm

Code	WML **6627**

Sailine Tube

● 별매품

K

Unit mm

Code	MLT **40300**

Surgical Tool Lateral

Round Drill

· A drill exclusively designed for the Sinus Lateral approach.
※ Dome type / Stopper application

K

Unit mm I Scale 1 : 1

Code	SLRD **5504**	SLRD **7004**

Core Drill

· A drill exclusively designed for the Sinus Lateral approach.
※ Core type (Utilizes the remaining Bone disk after drilling) / Stopper application

K

Unit mm I Scale 1 : 1

Code	SLCD **5504**	SLCD **7004**

Stopper

· Stopper must be used for adjusting depth of the drill. It is distinguished by color and number.

K

Unit mm I Scale 1 : 1

Code	LST 05YE	10RD	15BL	20YE	25RD	30BL
	0.5	1	1.5	2	2.5	3
Drilling Length	0.5	1	1.5	2	2.5	3
Stopper Length	7.5	7	6.5	6	5.5	5

Surgical Protocol

Lateral Approach Technic

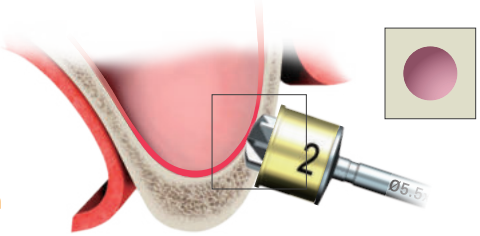
· Round drill or core drill can be selected. The membrane can be lifted and based on low-speed drilling (50~100rpm) and stopper.

Drilling Round Drill

Rounded tip to perform drilling

Caution

The stopper must be used. Irrigation at 1,200~1,400rpm

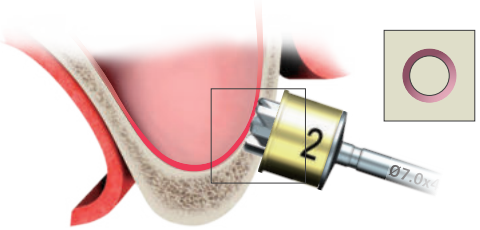


Drilling Core Drill

The edge of the rounded tip only can perform drilling
Beware of the remaining bone chips returning to original position after lifting of the maxillary sinus.

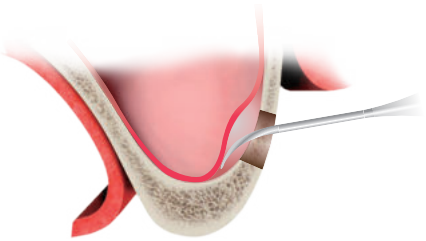
Caution

The stopper must be used. Irrigation at 600~800rpm



Lifting of the sinus membrane Sinus Lift

Lifting of the membrane on the lateral side



Crestal Approach Technic

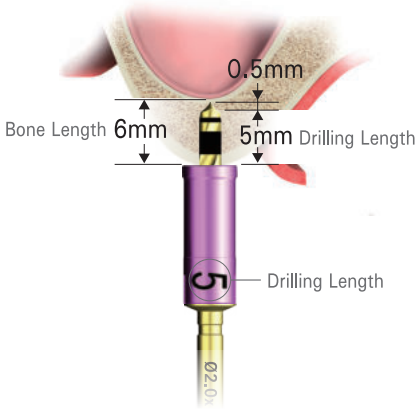
· Sinus Technic based on low-speed drilling (50~100rpm) and stopper that perforates the inferior cortical wall and lifts the membrane.

Drilling Initial Drill

Drilling is done 1~2mm short from the floor of the maxillary sinus measured by CT after attaching a stopper.

Caution

The stopper must be used to adjust depth.
Non-irritation and low-speed drilling at 50rpm

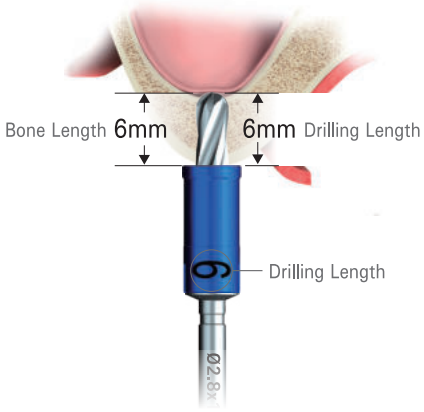


Sinus drill to perforate the bone underneath the maxillary sinus

Drilling is done to the same length as height of the residual bone of the maxillary sinus measured on CT after attaching a stopper.

Caution

The stopper must be used to adjust depth.
Non-irritation and low-speed drilling at 50rpm



Membrane lifter to lift the sinus membrane

The membrane lifter is used to inject saline solution into the osteotomy site.

Caution

Amount of injection measurement starts when pressure is felt, excluding the first 0.2cc~0.5cc before pressure is applied.

※ Amount of injection before pressure can differ according to height and expansion of the bone. For 1mm of sinus lifted, 0.1cc is injected.

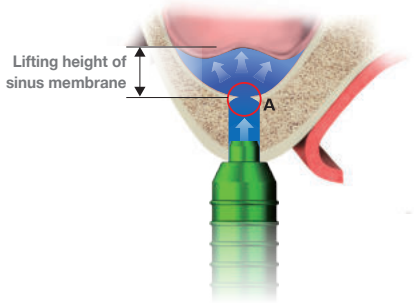
Caution

If inferior border (A) of the maxillary sinus is well open

If pressure can be felt during injection of saline solution,
the membrane is lifted and the pressure drops and saline solution injected.

If inferior border (A) of the maxillary sinus is not open well

After pressure felt from injection of saline solution,
no more pressure can be applied or the nozzle is pushed out.
→ Drill the sinus drill 1mm deeper and retry.



Aspiration of saline solution with the nozzle kept in the hole

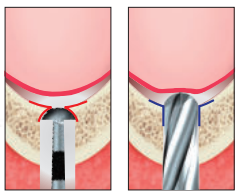
If negative pressure results after asipration of injected saline solution mixed with blood, the membrane is fully lifted.

Surgical Protocol

Sinus drill (2nd) to open and expand inferior border of the maxillary sinus.

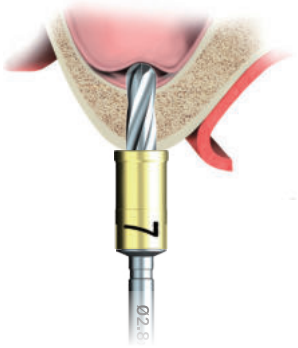
After lifting the maxillary sinus membrane,
the sinus drill is used to drilled 1mm deeper to expand
the entrance of inferior border of the maxillary sinus.

Caution The stopper must be used to adjust depth.



Checking incomplete perforation

Complete perforation



Bone condenser to inject bone graft material

The bone condenser is used to push bone graft material into the maxillary sinus through the osteotomy site.

Caution

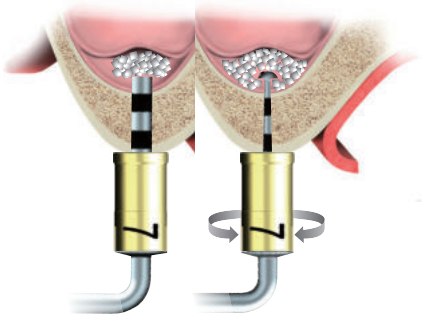
The stopper must be used to adjust depth.
Non-irrigation, low-speed drilling at 50rpm.

Caution

Determine volume of bone graft material.

When pressure is felt during injection of saline solution, the membrane is lifted.

Lifting height of the sinus membrane (mm)		1	2	3	4	5	6	7	8	9	10
Gone graft GBR (cc)	If implant is placed	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
	If implant is not placed	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0



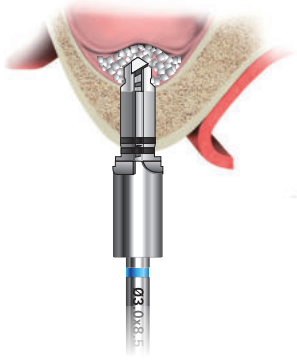
Dispersion of bone graft material

Insert a depth gauge into the maxillary sinus and
rotate it to evenly disperse bone graft material.

Final Drilling Final Drill

Drill 2mm deeper than depth of the sinus drill used earlier.

Caution Use a drill shorter than implant.



Placement of Implant

Implant that enters into the maxillary sinus pushes bone graft material away to disperse it. If amount of residual bone is 4mm or larger, satisfactory initial fixing force can be obtained. Also, temporary prosthesis can be restored immediately upon placement of implant.

Caution

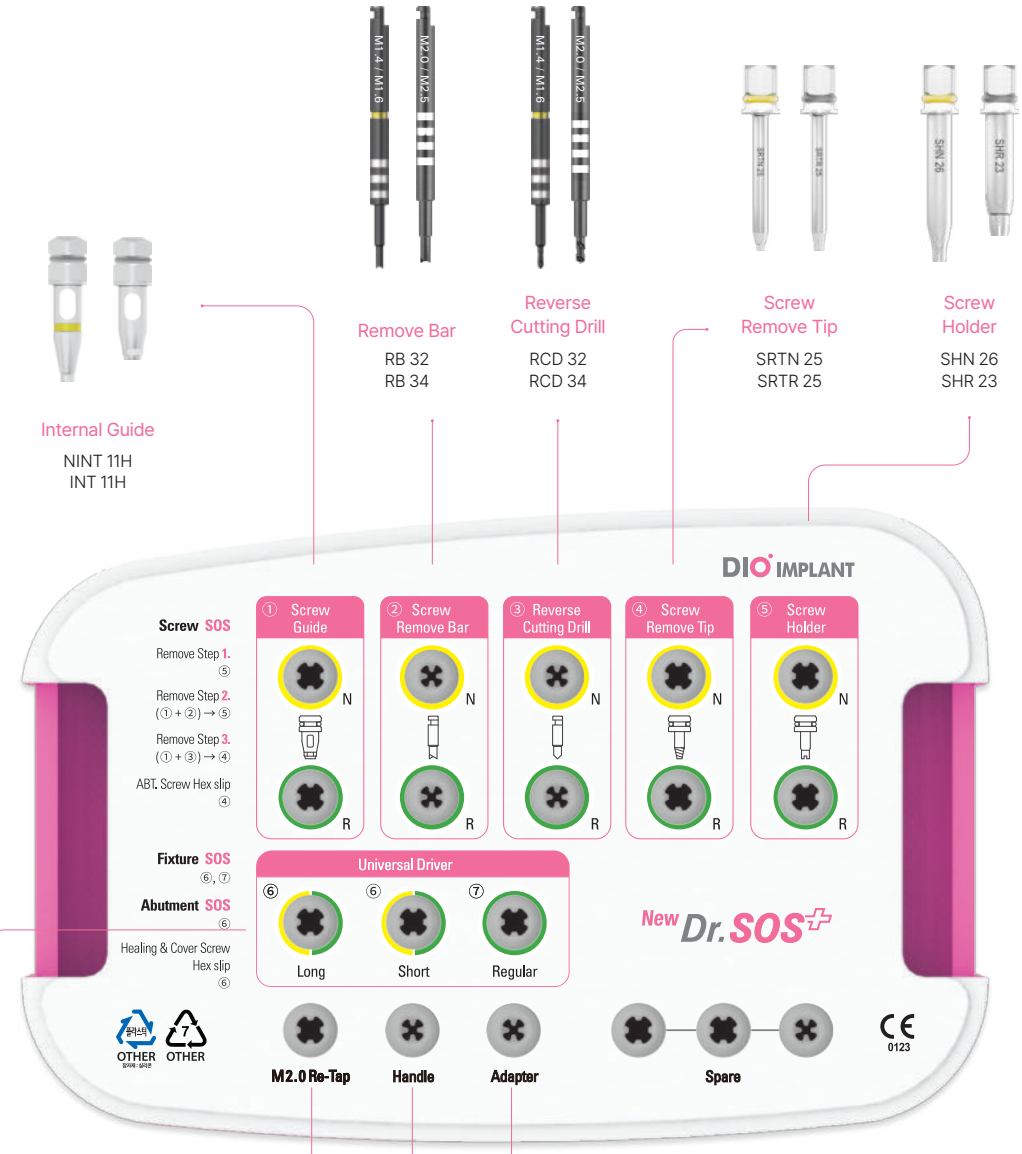
If remaining bone is very thin with thickness of 3mm or less and initial fixing of impalnt fails, only bone graft on the maxillary sinus is performed without implant placement.

New Dr.SOS+ Kit

Kit Code I DRS 05

· Problems like fracture of screw from excessive torque, wearing of connections, and jamming of foreign matters during prosthetic part of implant installation are resolved.

Unit mm I Drill Scale 1 : 0.9



Internal Guide

NINT 11H
INT 11H

Remove Bar

RB 32
RB 34

Reverse Cutting Drill

RCD 32
RCD 34

Screw Remove Tip

SRTN 25
SRTR 25

Screw Holder

SHN 26
SHR 23

Universal Fixture Removing Driver

UFRD 29
UFRD 20
FRD 26

Screw Guide Tap

SGT 2018A

Square Handle

SHH 11

Square Adapter

SA 8075

Square Wrench

SSW 050

Surgical Tool

Internal Guide

·Guide for accurate entry of the Remove Bar and Reverse Cutting Drill into the fixture

● Sold separately

K Sub. Narrow

Unit mm I Scale 1 : 1

Code	NINT **11H**	NINT **11N**
		
Type	Hex	Non-Hex

K Sub. Regular / Wide

Code	INT **11H**	INT **11N**
		
Type	Hex	Non-Hex

K Non-Sub. 8°

Code	INT **8Octa**	INT **8N**
		
Type	Octa	Non-Octa

External Guide

● Sold separately

K Hex

Unit mm I Scale 1 : 1

Code	EXT **24**	EXT **27**	EXT **34**
			

Reverse Cutting Drill

· Used to remove fractured abutment screws
by inserting the drill to the fixture and turning anti-clockwise.
※1,200rpm / in reverse
※ One-time use recommended
※ Irrigation is required to prevent excessive heating

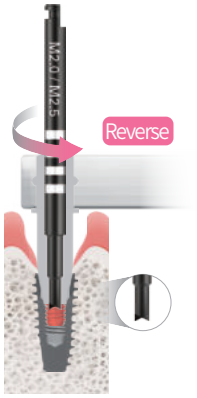
K

Unit mm I Scale 1 : 1

Code	RCD 32	RCD 34
		
Type	M1.4 / 1.6	M2.0 / 2.5

Remove Bar

· Used to remove fractured abutment screws
by attaching the bar's blade end with the residual surface and turning anti-clockwise.
※ 20rpm / in reverse



K

Unit mm I Scale 1 : 1

Code	RB 32	RB 34
		
Type	M1.4 / 1.6	M2.0 / 2.5

Surgical Tool

Screw Remove Tip

· Place Screw Remove Tip with Guide connected, pick up screw and remove
※ Hand Mode

K

Unit mm I Scale 1 : 1

Code	SRTN **25**	SRTR **25**

Screw Holder

· Pick up with Screw Holder and remove
※ Hand Mode

K

Unit mm I Scale 1 : 1

Code	SHN **26**	SHR **23**

Universal Fixture Removing Driver

· Single Driver to Solve All Types of SOS Cases
※ Reverse

K

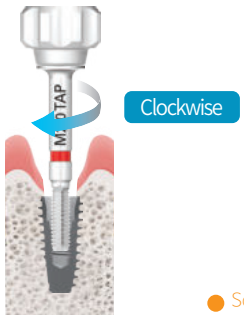
Unit mm I Scale 1 : 1

Code	UFRD **29**	UFRD **20**	FRD **26**

Screw Guide Tap

· Repairs a stripped screw hole when stuck with foreign substance or damaged by forced entry

· Connect the head with Square Handle, and turn clockwise by hand
※ Hand Mode



● Sold separately

K

Unit mm I Scale 1 : 1

Code	SGT **1418A**	SGT **1618A**	SGT **2018A**	SGT **2518A**
	Ø1.4	Ø1.6	Ø2.0	Ø2.5
Color	●	●	●	●

Square Adapter

· Square Adapter : A necessary tool for turning the Universal Driver using a round Torque Wrench. (Top is round, bottom combines with the square-shaped Driver Head)
※ Not required if you have a square Torque Wrench (DTW 0080)

K

Code	SA **8075**

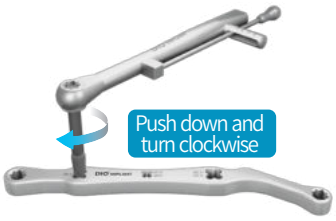
Square Handle

K

Code	SHH **11**

Square Wrench

· Insert the fixture in the X-shaped hole on the Square Wrench.
Push down and turn clockwise to separate the Universal Driver.



K

Code	SSW **050**

Trephine Drill

· Trephine Drill may be used to collect autogenous bone or to remove a damaged implant.
· It is especially useful in case of removing fixtures from very hard bones or bones where osseointegration is completed. User may remove about 2-3 mm of cortical bones using Trephine Drill and follow with Universal Driver to remove the implant.

Scale 1 : 1.15

● Sold separately

Unit mm I Scale 1 : 1

K

Type	Narrow	
Fixture Size	Ø3.0	Ø3.3
Code	TRD **4032**	TRD **4537**
Diameter 1	Ø3.2	Ø3.7
Diameter 2	Ø4.0	Ø4.5

K

Type	Regular · Wide						
Fixture Size	Ø3.8	Ø4.0	Ø4.5	Ø5.0	Ø5.5	Ø5.9	Ø6.4
Code	TRD **4840**	TRD **5143**	TRD **5547**	TRD **5850**	TRD **6355**	TRD **7062**	TRD **7567**
Diameter 1	Ø4.0	Ø4.3	Ø4.7	Ø5.0	Ø5.5	Ø6.2	Ø6.7
Diameter 2	Ø4.8	Ø5.1	Ø5.5	Ø5.8	Ø6.3	Ø7.0	Ø7.5

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