Ver 5.5

Revision Dec. 2024

UFII Internal Submerged System

Product Catalog

UFII Internal Submerged System

- **UFII** Internal Submerged System
- **UFII** Kits
- **DIOnavi.** Kits
- **Instrument** Kits

DIO IMPLANT

※ This catalog does not contain all products of DIO Corporation.
Please check with your local sales office order products.

UFII Internal Submerged System

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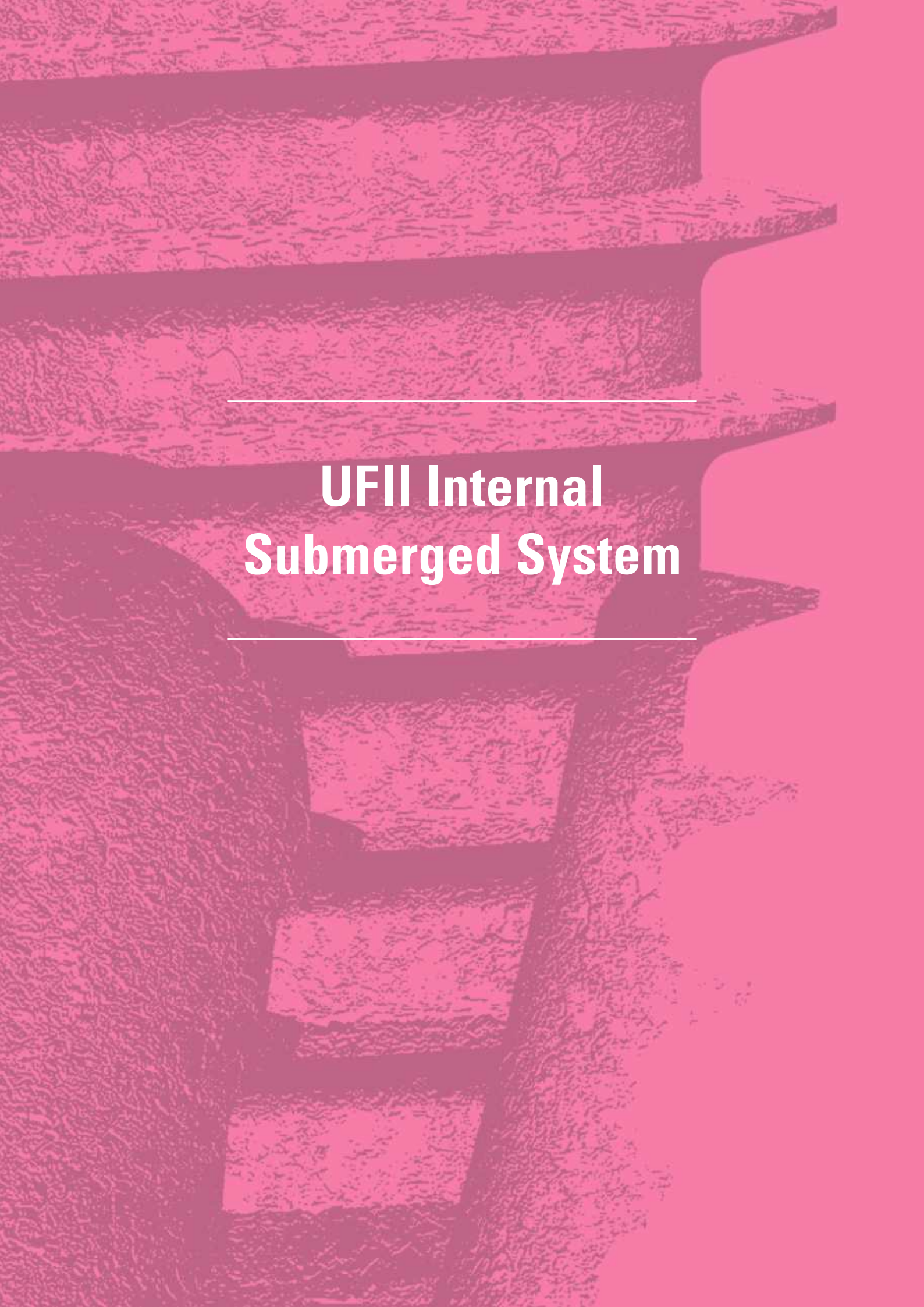
UFII Master Kit	070
UFII Surgical Kit	071
UFII Narrow Kit	083
UFII Wide Kit	087
DIOnavi. Kits	095
Instrument Kits	126



UFII Internal Submerged System

UFII Internal Submerged System

N Narrow

011
UF II Narrow Fixture
Ø3.0 Ø3.3

015
Cover Screw

016
Healing Abutment

Cement / Screw - Retained Restorations

022
Pick-up Impression Coping

023
Transfer Impression Coping

024
Fixture Analog

024
Temporary Abutment

025
Cemented Abutment

028
Angled Abutment

029
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
Retainer

042
Ball Cap

042
O-Ring

043
OT Cap

043
Stainless Steel Housing

043
Insertion Tool For Caps

043
Remove Tool For Caps

044
Locator Abutment

045
Replacement Male

045
Extended Replacement Male

045
Male Package

046
Denture Cap

046
Black Processing Male

046
Block-Out Spacer

047
Locator Core Tool

047
Locator Square Drive Torque Wrench Driver

Cement / Screw - Retained Restorations

049 Multiunit Straight Abutment

049 Multiunit Angled Abutment

050 Healing Cap

050 Pick-up Impression Coping

050 Transfer Impression Coping

051 H-Scanbody

051 Scan Adapter

051 Multi Angled Abutment Jig

052 Cemented Cylinder

052 Plastic Cylinder

052 Temporary Cylinder

053 Cylinder Screw

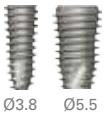
053 Abutment Analog

053 Digital Analog

UFII Internal Submerged System

R Regular **W** Wide

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



015
Cover
Screw

015
GBR
Screw

016
Healing
Abutment

Cement / Screw - Retained Restorations

022
Pick-up
Impression
Coping

023
Transfer
Impression
Coping

024
Fixture
Analog

024
Temporary
Abutment

025
Cemented
Abutment

027
Mill
Abutment

028
Angled
Abutment

029
UCLA CCM
Abutment

029
UCLA Plastic
Abutment

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

Cement / Screw - Retained Restorations

037
Temporary
Cylinder

037
Cemented
Cylinder

038
Plastic
Cylinder

Overdenture - Retained Restorations

041 Ball Abutment

042 Ball Abutment Analog

042 Retainer

042 Ball Cap

042 O-Ring

043 OT Cap

043 Stainless Steel Housing

043 Insertion Tool For Caps

043 Remove Tool For Caps

044 Locator Abutment

045 Replacement Male

045 Extended Replacement Male

045 Male Package

046 Denture Cap

046 Black Processing Male

046 Block-Out Spacer

047 Locator Core Tool

047 Locator Square Drive Torque Wrench Driver

Cement / Screw - Retained Restorations

049 Multiunit Straight Abutment

049 Multiunit Angled Abutment

050 Healing Cap

050 Pick-up Impression Coping

050 Transfer Impression Coping

051 H-Scanbody

051 Scan Adapter

051 Multi Angled Abutment Jig

052 Cemented Cylinder

052 Plastic Cylinder

052 Temporary Cylinder

053 Cylinder Screw

053 Abutment Analog

053 Digital Analog

UFII Internal Submerged System

Digital Materials

Digital Abutment

055
Lower Incisor
Narrow
Angled
Abutment

056
Upper Incisor
Narrow
Angled
Abutment

057
Upper Incisor
Angled
Abutment

058
Canine
Angled
Abutment

059
Pre-Molar
Angled
Abutment

060
Molar
Angled
Abutment

H-Scanbody

063
H-Scanbody
/Jig.

Scan Adapter

065
UF II
Narrow

065
UF II
Regular
Wide

Digital Materials

066
Wax
Denture

066
Marker

Pre-Milled Bar

067
UF II
Narrow

067
UF II
Regular
Wide

Hybrid Link

068
UF II
Narrow

068
UF II
Regular
Wide

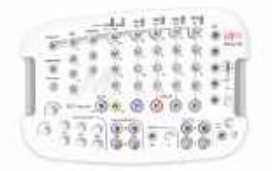
Digital Fixture Analog

069
UF II
Narrow

069
UF II
Regular
Wide

Surgical Kit

070
UF II Master Kit
UF 06

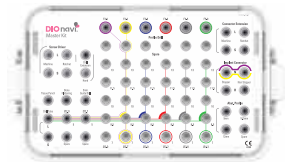


071
UF II Surgical Kit
UF 07

083
UF II Narrow Kit
UF 08

087
UF II Wide Kit
UF 09

096
DIOnavi. Master Kit
UF 05



105
DIOnavi. Narrow Kit
UF 14

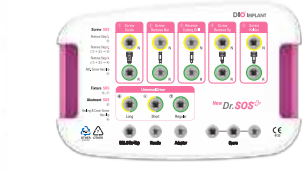
111
DIOnavi. Wide Kit
UF 11

117
DIOnavi. Flapless Crestal Sinus Kit
SMK 02

121
DIOnavi. Special Kit
SGF 02

127
Sinus Master Kit
SMK 01

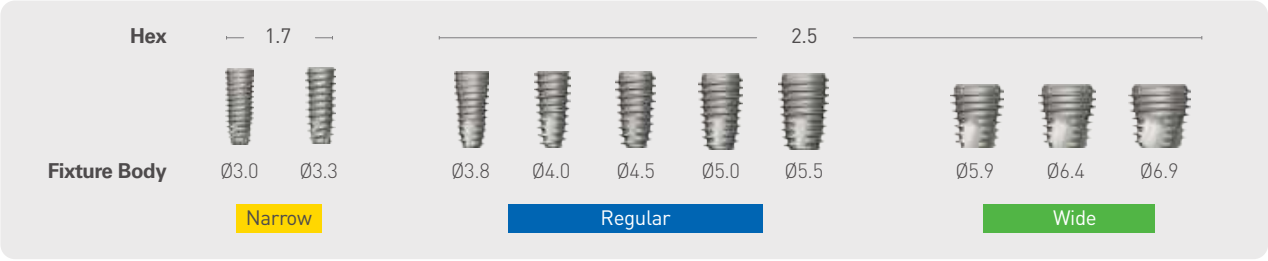
134
New Dr.SOS+ Kit
DRS 05

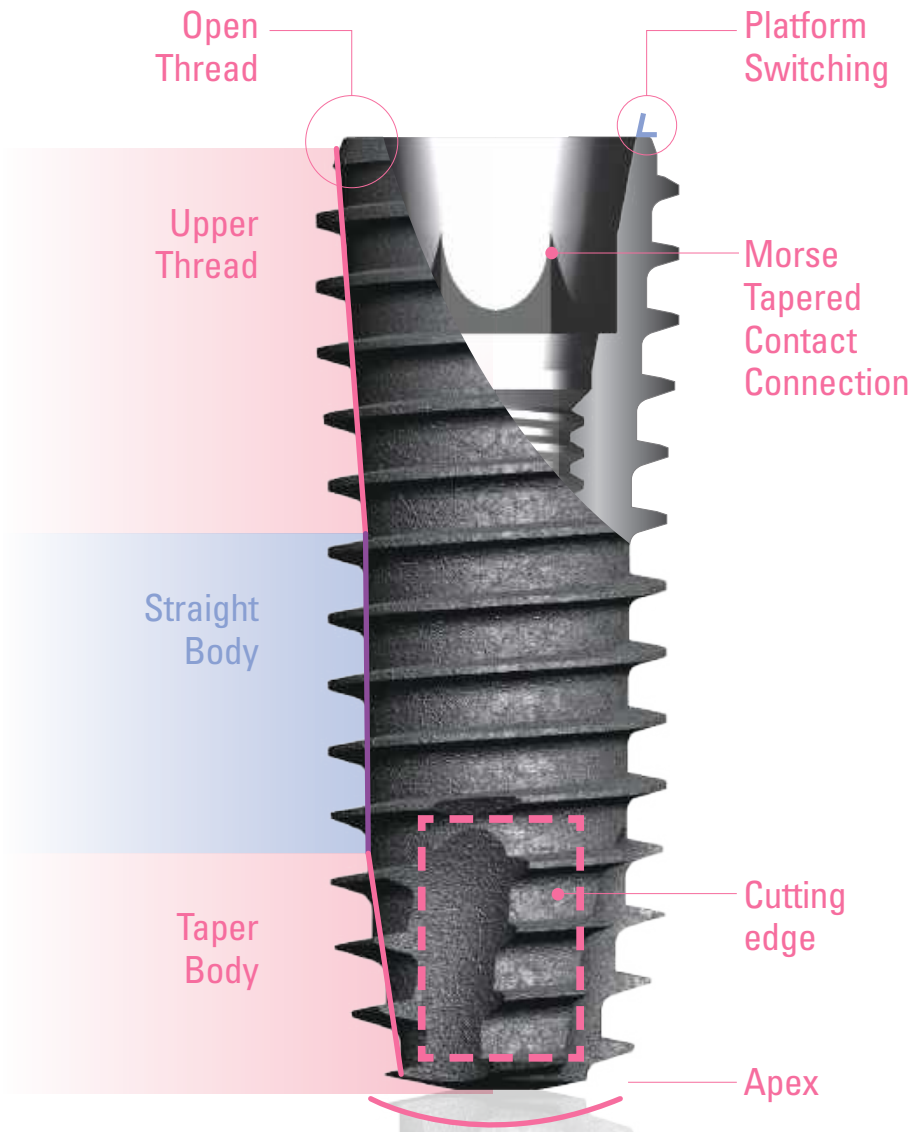


UFII Int. Submerged System

Hybrid Type SLA Implant

UFII Implant



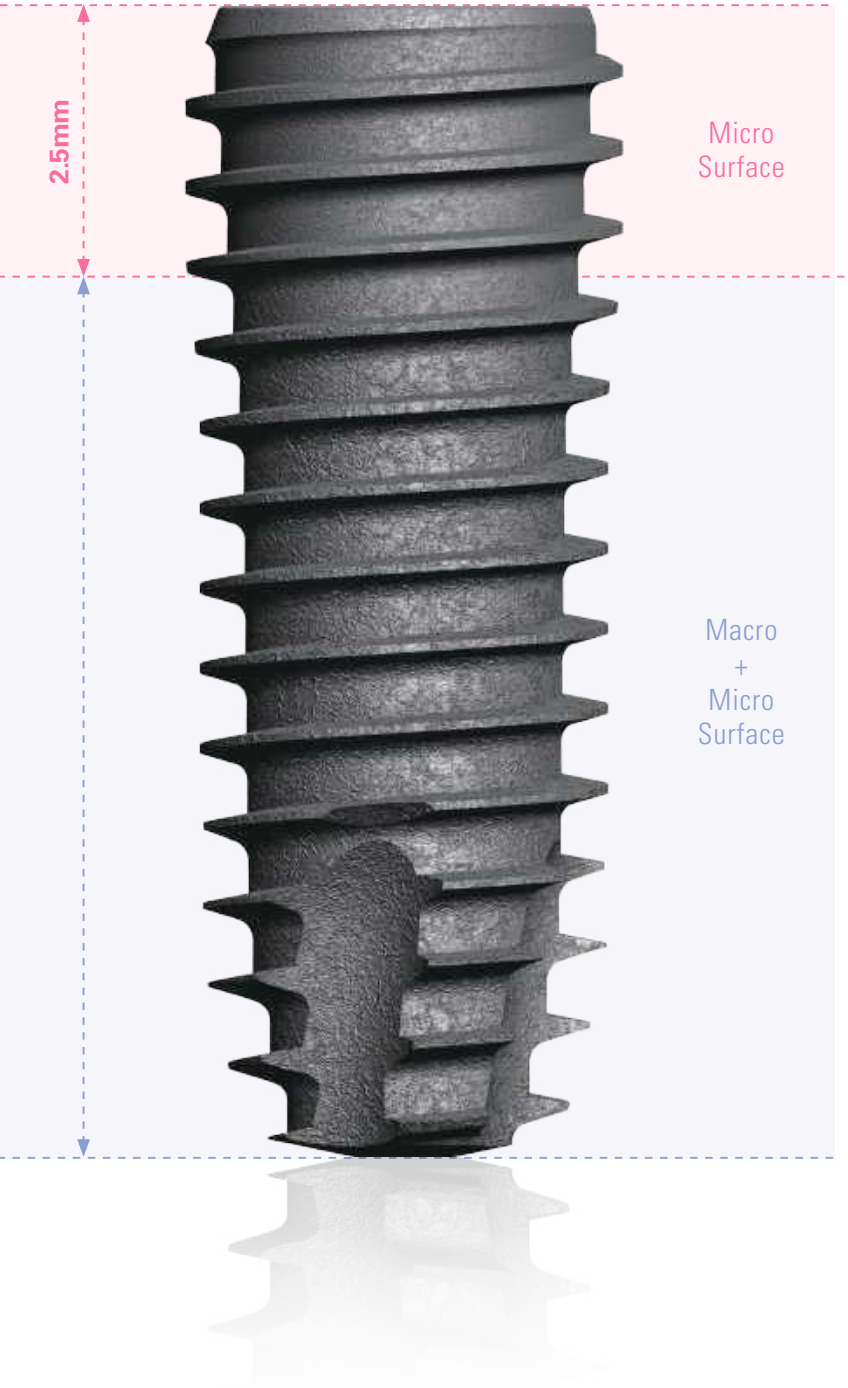


※ This product is a 'medical device' and read and use 'cautions for use' and 'how to use it'.
Review number 2019ET1120105

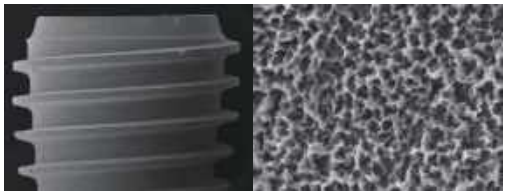
Surface Treatment Feature

Hybrid Sand Blast & Acid Etched

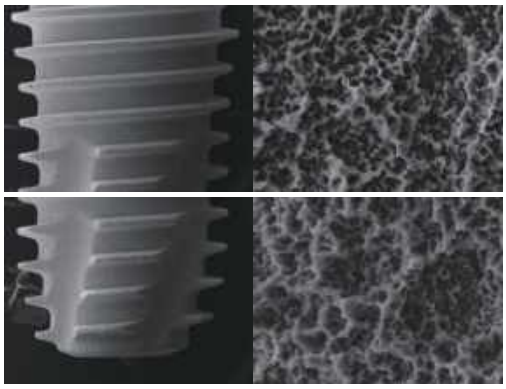
The upper part features a fine roughness to prevent peri-implantitis, while the body and apex areas employ the most suitable surface roughness for osseointegration.



• Upper Body



• Lower Body & Apex



UFII Internal Submerged System

UFⅡ Narrow

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

HSA | UV Active

UFⅡ Regular

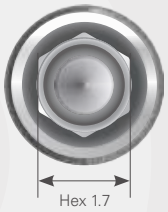
D Ø3.8 ı Ø4.0 ı Ø4.5 ı Ø5.0 ı Ø5.5
L 7 ı 8.5 ı 10 ı 11.5 ı 13 ı 15

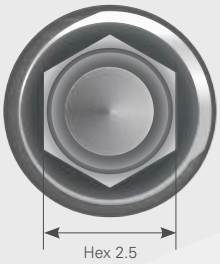
HSA | UV Active

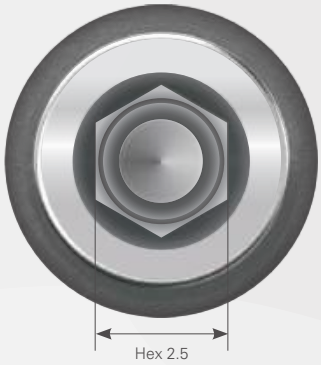
UFⅡ Wide

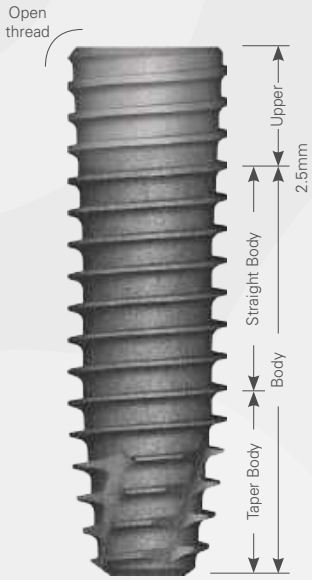
D Ø5.9 ı Ø6.4 ı Ø6.9
L 7 ı 8.5 ı 10 ı 11.5 ı 13

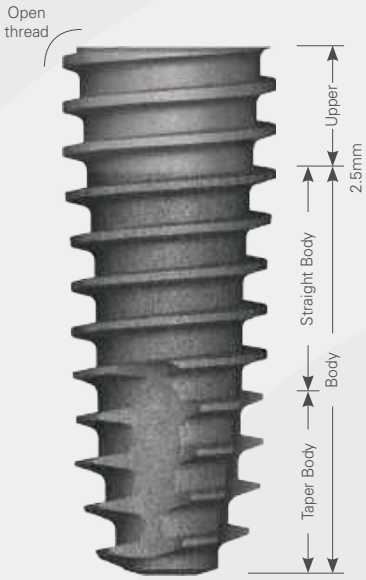
HSA | UV Active

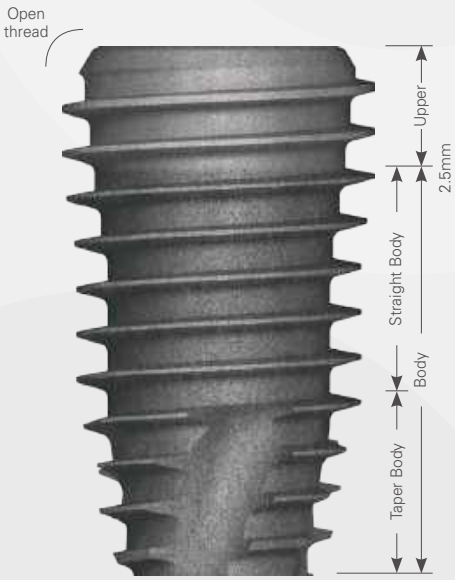




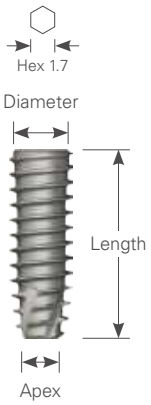




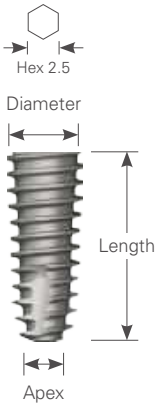




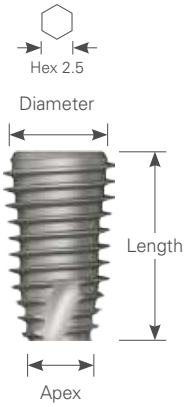
UFⅡ Narrow



UFⅡ Regular



UFⅡ Wide



Narrow Fixture

▸ Ø3.0 fixture exclusive for anterior region.

- HSA / Packing Unit : Fixture | Order code : UF(Ⅱ)N 0000**SF** (ex : UF(Ⅱ)N 3008**SF**)
  Fixture + Cover Screw | Order code : UF(Ⅱ)N 0000**S** (ex : UF(Ⅱ)N 3008**S**)
- UV Active / Packing Unit : Fixture | Order code : UF(Ⅱ)N 0000**UV3** (ex : UF(Ⅱ)N 3008**UV3**)

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

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
HSA	-	UF(II) **3808SF**	UF(II) **3810SF**	UF(II) **3811SF**	UF(II) **3813SF**	UF(II) **3815SF**
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
	5.5						
HSA	UF(II) **4005SF**	UF(II) **4007SF**	UF(II) **4008SF**	UF(II) **4010SF**	UF(II) **4011SF**	UF(II) **4013SF**	UF(II) **4015SF**
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
	5.5						
HSA	UF(II) **4505SF**	UF(II) **4507SF**	UF(II) **4508SF**	UF(II) **4510SF**	UF(II) **4511SF**	UF(II) **4513SF**	UF(II) **4515SF**
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
HSA	UF(II) **5005SF**	UF(II) **5007SF**	UF(II) **5008SF**	UF(II) **5010SF**	UF(II) **5011SF**	UF(II) **5013SF**	UF(II) **5015SF**
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

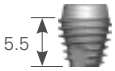
Length	7(5.5)	7	8.5	10	11.5	13	15
HSA	UF(II) **5505SF**	UF(II) **5507SF**	UF(II) **5508SF**	UF(II) **55010SF**	UF(II) **5511SF**	UF(II) **5513SF**	UF(II) **5515SF**
UV Active	UF(II) **5505UV3**	UF(II) **5507UV3**	UF(II) **5508UV3**	UF(II) **5510UV3**	UF(II) **5511UV3**	UF(II) **5513UV3**	-

Wide Fixture

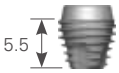
- HSA / Packing Unit : Fixture | Order code : UF(II) 0000**SF** (ex : UF(II) 6007**SF**)
  Fixture + Cover Screw | Order code : UF(II) 0000**S** (ex : UF(II) 6007**S**)
- UV Active / Packing Unit : Fixture | Order code : UF(II) 0000**UV3** (ex : UF(II) 6007**UV3**)

W D Ø5.9 Hex 2.5 Apex Ø3.6

Unit mm | 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) **60087UV3**	UF(II) **6008UV3**	UF(II) **6010UV3**	UF(II) **6011UV3**	UF(II) **6013UV3**

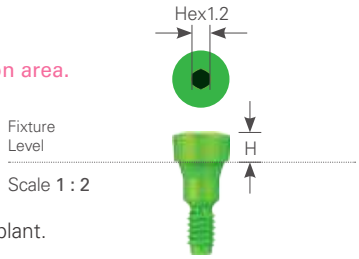
W D Ø6.4 Hex 2.5 Apex Ø3.6

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 narrow area after the Implant surgery or protecting Implant connection area.
▸ Dental Implant cover screw is implanted into the top
which helps to prevent tissue and bone to grow inside the implant.

· 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)
· Tightening Torque : 5~8Ncm
· Packing Unit : 1 Set (6 Pieces) | Order code : UNSCS 0000S or SSCS 0000S (ex : UNSCS 2700S)

N R W Hex **1.2**

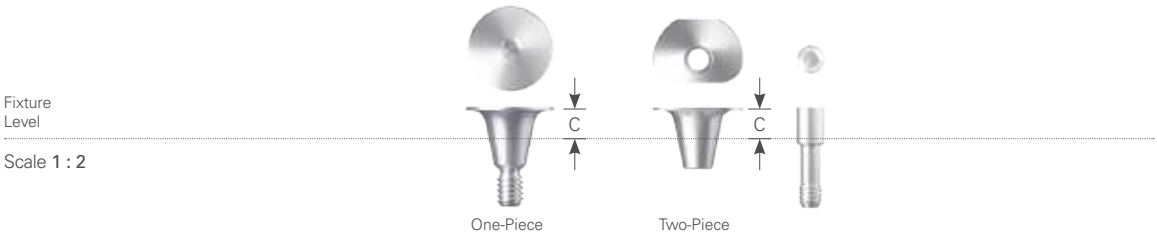
Unit mm | Scale 1 : 1.25

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**

GBR Screw

▸ The GBR Screw is then used to cover the bongraft to protect it from your tongue and saliva.
▸ Make a buccal incision (instead of a midcrestal incision) for better access to keratini zed mucosa.

· Concave transmucosal profile make enough space for bone graft.
· 2-piece type can be used depending on implant placement and distance from adjacent teeth.
· Uses 1.2 Hex Driver



R

Unit mm | Scale 1 : 1.25

Fixture Size	Regular			
Type	One - Piece		Two - Piece	
Cuff 1.5	BFC **6565S**	BFC **8080S**	BFC **7060S**	BFC **8055S**
3	BFC **6565L**	BFC **8080L**	BFC **7060L**	BFC **8055L**

Healing Abutment

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

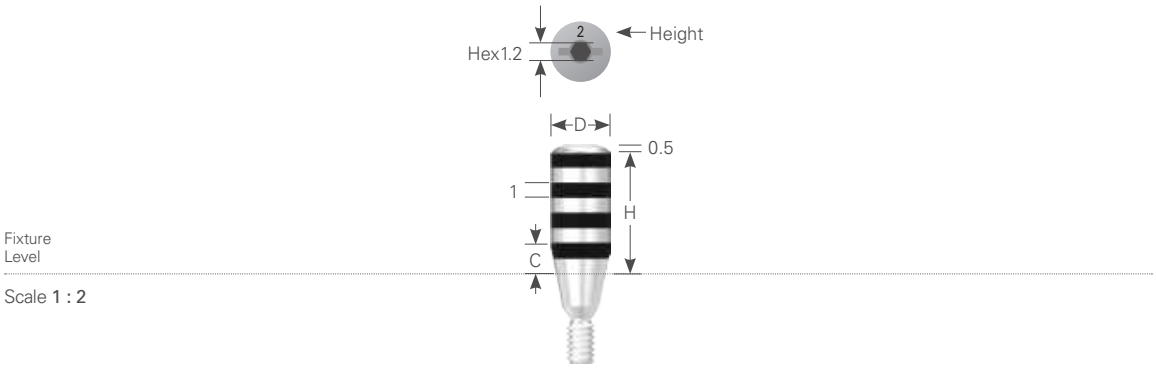
N Hex 1.2

Unit mm | Scale 1 : 1.25

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



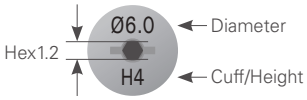
R W D Ø4.0 Hex **1.2**

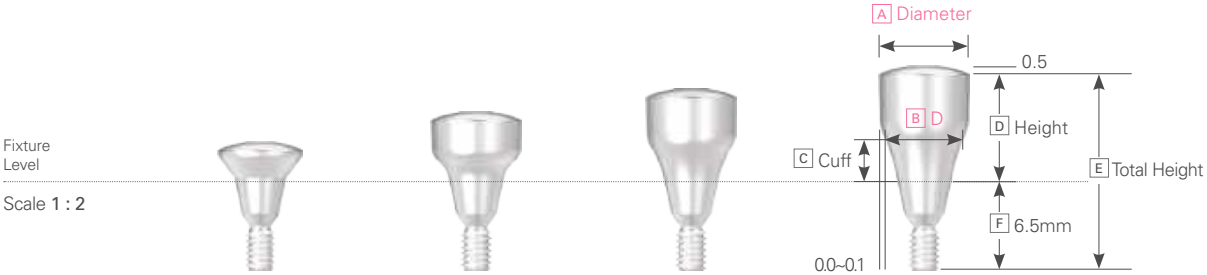
Unit mm | Scale 1 : 1.25

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

Healing Abutment

· 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 (B; E C) SSHA 4535 (B C D)

R W Hex **1.2**

Unit mm | 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**
Cuff 2	Height 4	SSHA **4524**	SSHA **5524**	SSHA **6524**	SSHA **7524**
Cuff 3	Height 5.5	SSHA **4535**	SSHA **5535**	SSHA **6535**	SSHA **7535**
Cuff 4	Height 7	SSHA **4547**	SSHA **5547**	SSHA **6547**	SSHA **7547**

Healing Abutment

▶ Used for making the desired emergence profile.

· Caution

① Connect the screw using 1.2 hex driver and hand-tighten (5~8Ncm)

② Organized by diameter and height, the healing abutments can be selected according to the needs and requirements of a particular clinical case.

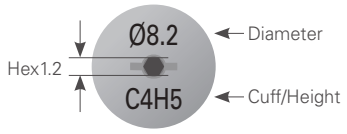
- Gum Extension to secure an emergency profile in the posterior region, or components for minimizing inflammation response due to gingival compression during custom abutment production.

※ When connecting the cover screw and healing abutment, the screw can be separated easily by applying antibiotics functioning as lubricant. (Antibiotics: Minocline, Periocline, etc.)

· Uses 1.2 Hex Driver

· Uses 0.5 Slot Driver

· Tightening Torque : 5~8Ncm



R W Hex **1.2**

Unit mm | Scale 1 : 1.25

Fixture Size		Regular · Wide	
Cuff 1	Height 2	SSHA **8212**	SSHA **9212**
Cuff 2	Height 3	SSHA **8223**	SSHA **9223**
Cuff 3	Height 4	SSHA **8234**	SSHA **9234**
Cuff 4	Height 5	SSHA **8245**	SSHA **9245**

Cement / Screw - Retained Restorations

Temporary / Cemented / Angled / UCLA Abutment

Fixture - N R W

Abutment Screw

Temporary Abutment
024P

Cemented Abutment
025P

Angled Abutment
028P

UCLA CCM Abutment
029P

Fixture Analog
024P

Pick-up Impression Coping
036P

Transfer Impression Coping
036P

UFII Narrow
011P

UFII Regular
012P

UFII Wide
012P

Cover Screw
015P

Healing Abutment
016P

Cement / Screw - Retained Restorations

Mill / UCLA Abutment

Fixture - R W

Abutment Screw

Mill Abutment
027P

UCLA Plastic Abutment
029P

Fixture Analog
024P

Pick-up Impression Coping
036P

Transfer Impression Coping
036P

UFII Regular
012P

UFII Wide
012P

Cover Screw
015P

Healing Abutment
016P

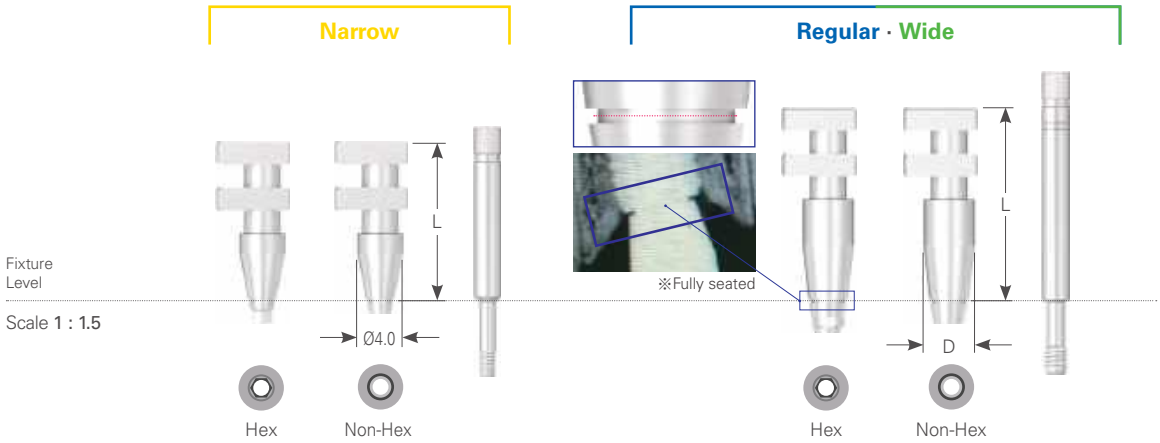
Abutment Components

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

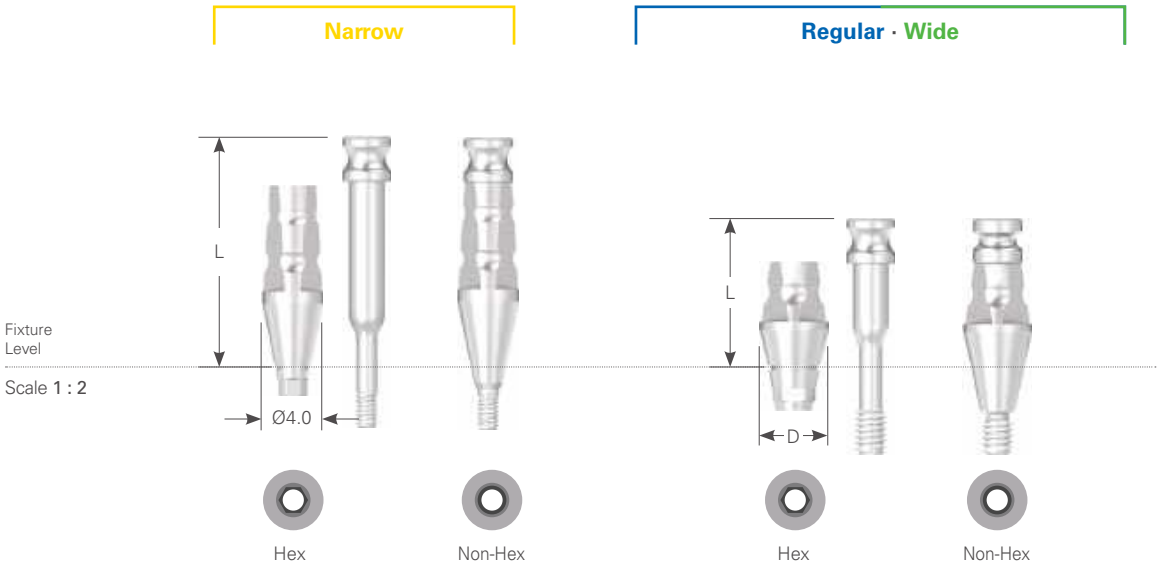
Fixture Size	Narrow		Regular · Wide				
Diameter	Ø4.0	Guide Pin	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Guide Pin
Length 09	-	-	SSPI **4009N**	SSPI **4509N**	SSPI **5509N**	SSPI **6509N**	SSG **2021**
12	UNSPI **4012N**	UNSSG **1422**	-	-	-	-	-
13	-	-	SSPI **4013N**	SSPI **4513N**	SSPI **5513N**	SSPI **6513N**	SSG **2026**
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.

· Triple 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	Ø5.5	Screw	Ø6.5	Screw
Length 10	-	-	SSTI **4010H**	SSTI **4510H**	SSTI **5510H**	SSTI **4015S**	SSTI **6510H**	SSTI **6515S**
13	UNSTI **4013H**	UNSTI **4013S**	-	-	-	-	-	-
15	UNSTI **4015H**	UNSTI **4015S**	SSTI **4015H**	SSTI **4515H**	SSTI **5515H**	SSTI **4020S**	SSTI **6515H**	SSTI **6520S**
17	UNSTI **4017H**	UNSTI **4017S**	-	-	-	-	-	-

N R W Non-Hex

Unit mm

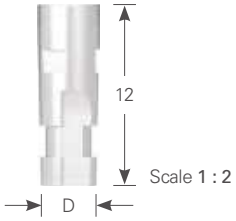
Fixture Size	Narrow	Regular · Wide			
Diameter	Ø4.0	Ø4.0	Ø4.5	Ø5.5	Ø6.5
Length 10	-	SSTI **4010N**	SSTI **4510N**	SSTI **5510N**	SSTI **6510N**
13	UNSTI **4013N**	-	-	-	-
15	UNSTI **4015N**	SSTI **4015N**	SSTI **4515N**	SSTI **5515N**	SSTI **6515N**
17	UNSTI **4017N**	-	-	-	-

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 | Scale 1 : 1.25

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

UNSFA **3012**

SSFA **4012**

Temporary Abutment Hex Non-Hex

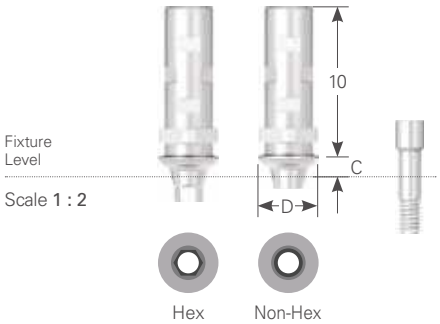
▸ Used when temporary prosthesis is made

· 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 | 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[H]**	UNSAS **1407H[H]**	SSC **2008H**	SSC **2008H**

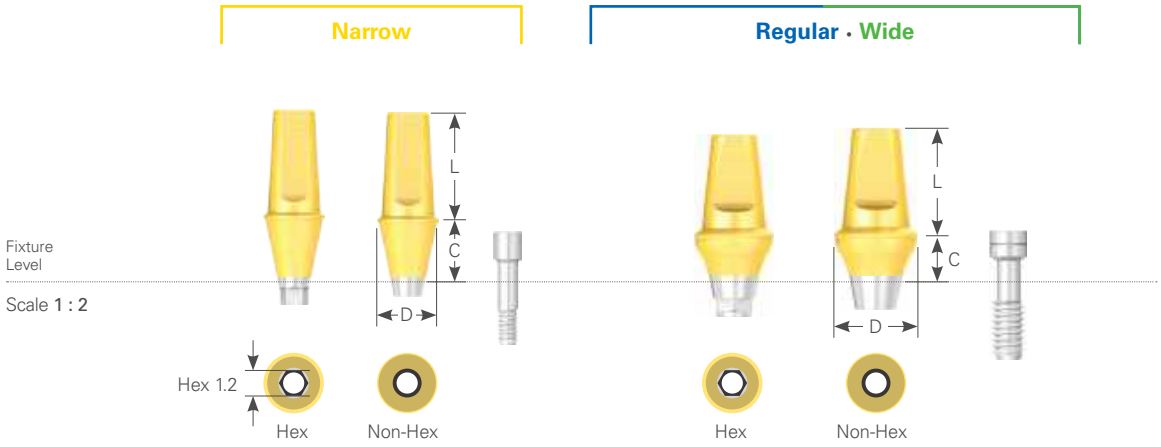
Cemented Abutment Hex Non-Hex

▸ 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 - SSC 2008SH / Ø5.5~Ø7.5 - SSC 2008H)
· Tightening Torque : N 20Ncm, R W 30~35Ncm

N R W Hex

Unit mm | 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

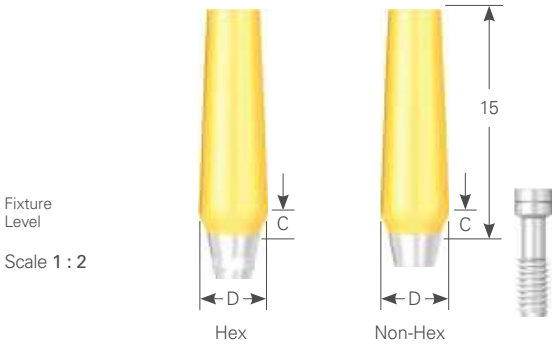
Unit mm | Scale 1 : 1.25

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 | 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 | Scale 1 : 1.25

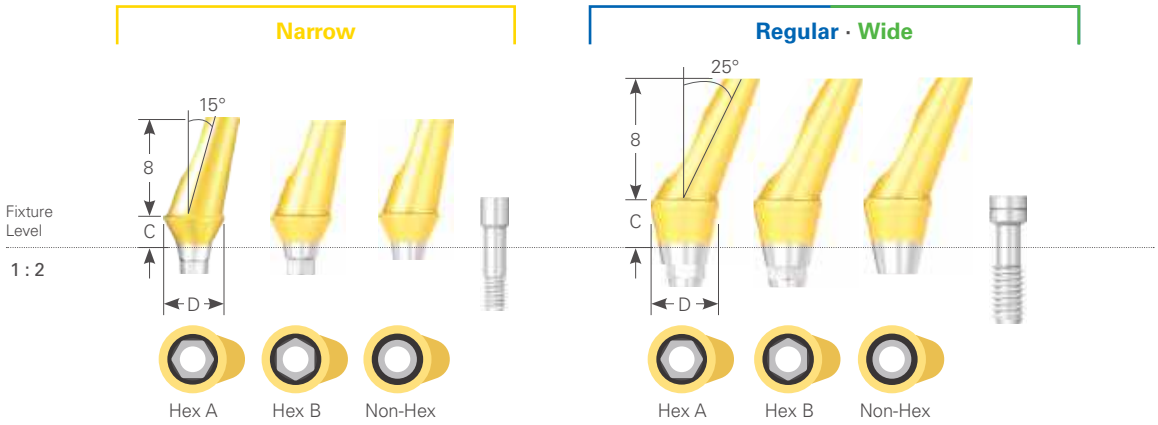
Fixture Size	Regular · Wide				
Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5
Cuff	1.5	2	2.5	3	3

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 region.

· 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

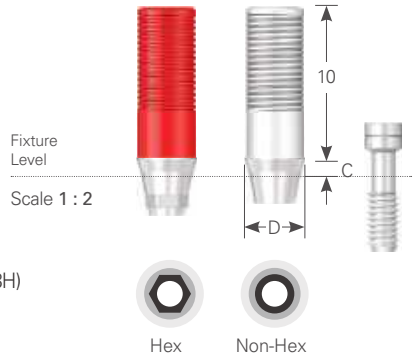
Fixture Size	Narrow	Regular · Wide			
Cuff 1.5	-	SSAA **451515BH[H]**	SSAA **451525BH[H]**	SSAA **551515BH[H]**	SSAA **551525BH[H]**
2.0	UNSAA **402015BH[H]**	SSAA **452015BH[H]**	SSAA **452025BH[H]**	SSAA **552015BH[H]**	SSAA **552025BH[H]**
3.0	-	SSAA **453015BH[H]**	SSAA **453025BH[H]**	SSAA **553015BH[H]**	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

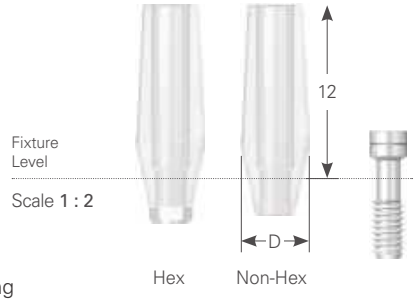
N R W Length **10**

Unit mm | 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[H]**	UNSCCA **4010N[H]**	CCSS **4010H[H]**	CCSS **4010N[H]**	CCSS **4510H[H]**	CCSS **4510N[H]**
3	UNSCCA **4030H[H]**	UNSCCA **4030N[H]**	-	-	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 | 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

012P

Cover Screw

015P

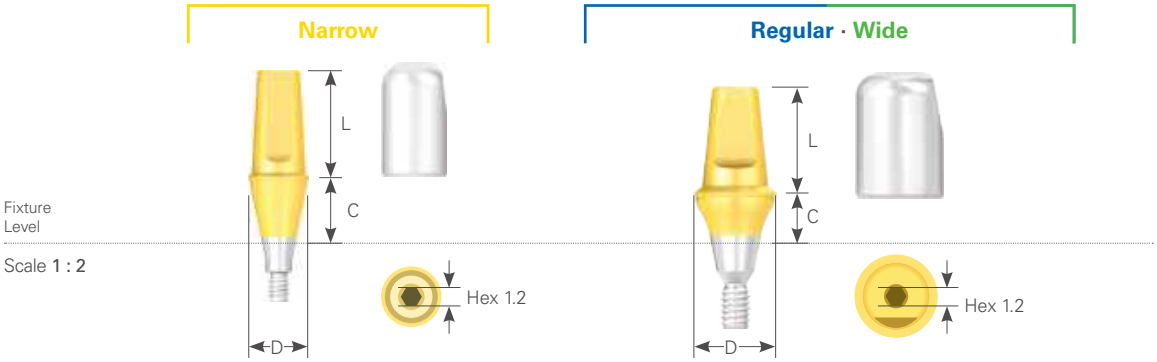
Healing Abutment

016P

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 | Scale 1 : 1.25

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

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

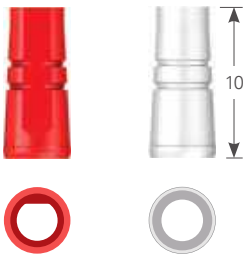
N R W

Unit mm | 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 Abutment Analog.
· Different coloring provides easy identification on types of case.



N R W Length **10**

Unit mm | 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**

Cement / 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
012P

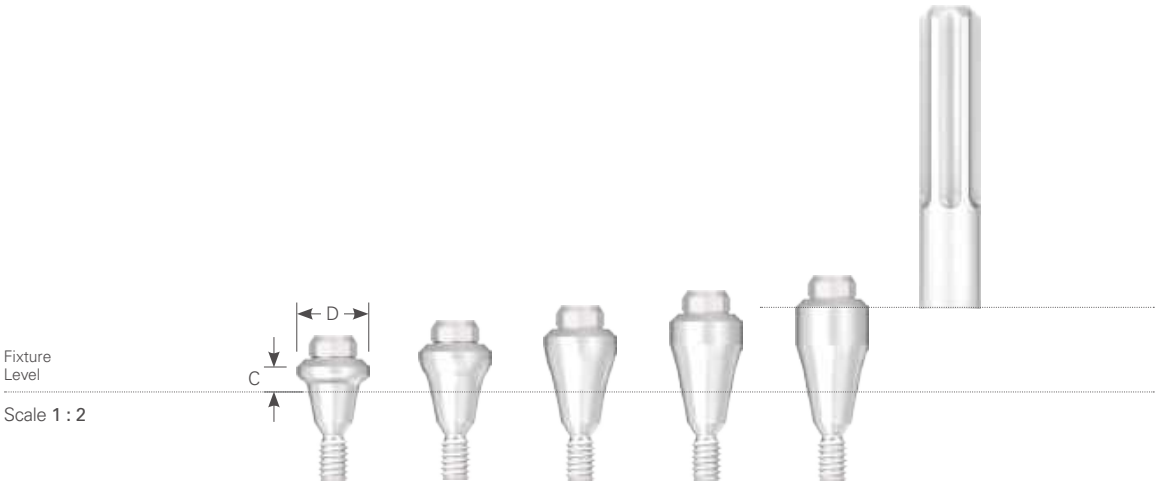
Cover Screw
015P

Healing Abutment
016P

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 (SSOAH 4020 *Convenient to install in patient's Mouth)
· Tightening Torque : 30~35Ncm



R W

Unit mm | 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

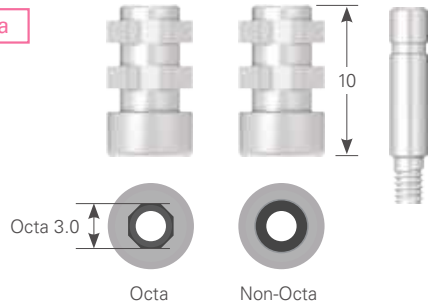
Unit mm | Scale 1 : 2

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 | 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)

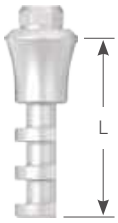
R W Length **10**

Unit mm | 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.



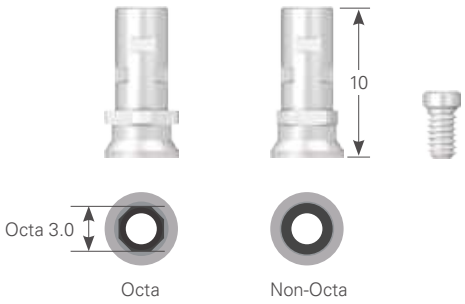
R W

Unit mm | 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



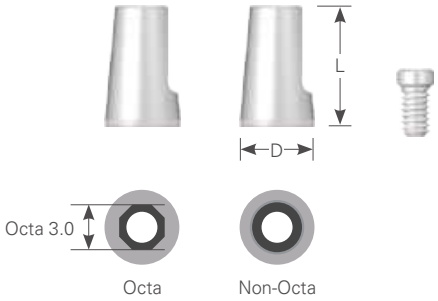
R W Length **10**

Unit mm | 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

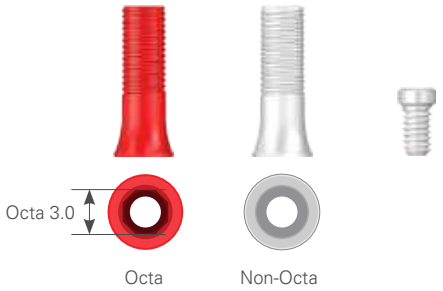
Unit mm | Scale 1 : 2

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 | 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 | Scale 1 : 1

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

Overdenture Restorations

Ball Abutment : O-Ring

Fixture - R W

O-Ring
042P

Retainer
042P

Ball Cap
042P

Ball Abutment Analog
042P

Ball Abutment
041P

UFII Regular
012P

UFII Wide
012P

Cover Screw
015P

Healing Abutment
016P

Overdenture Restorations

Ball Abutment : OT Cap / Locator

Fixture - N R W

Stainless Steel Housing
043P

Denture Cap
046P

OT Cap
043P

Male
045P

Ball Abutment Analog
042P

Ball Abutment
041P

Locator
044P

UFII Narrow
011P

UFII Regular
012P

UFII Wide
012P

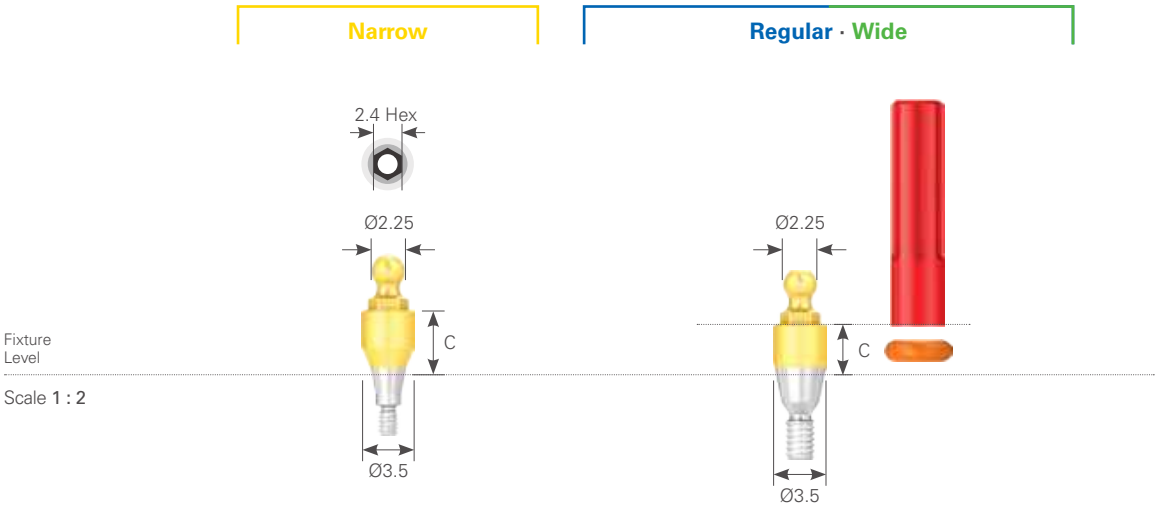
Cover Screw
015P

Healing Abutment
016P

Ball Abutment

▸ Used to create overdenture for edentulous patient.

· 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
· Packing Unit : 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

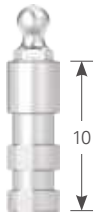
Unit mm

Fixture Size	Narrow	Regular · Wide
Diameter	Ø3.5	Ø3.5
Cuff 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.



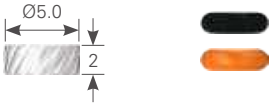
N R W Length **10**

Unit mm | 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)



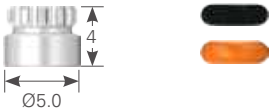
N R W **D Ø5.0** Length **2**

Unit mm | 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 | Scale 1 : 2

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

O-Ring

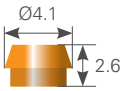
· Black : For dental lab use
· Orange : For clinic use (over 6Ncm)
· Packing Unit : O-Ring 1 Piece

N R W **D Ø4.5**

Unit mm | Scale 1 : 2

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

OT Cap Orange



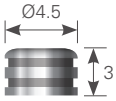
· Provides enhanced holding strength with its wider contact surface compared to a standard O-Ring.
· Packing Unit : 6 Pieces
※ A cap specifically designed for laboratory use is not provided; please replace the cap after completing the denture fabrication process.

N R W **D Ø4.1** Length **2.6**

Unit mm | Scale 1 : 2

Fixture Size	Narrow · Regular · Wide
	049PCNDR8

Stainless Steel Housing



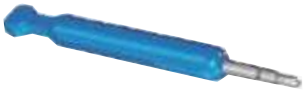
· The new stainless steel housing decrease the size that can provide better stability and retention with resin.
· Packing Unit : 2 Pieces

N R W **D Ø4.5** Length **3**

mm | Scale 1 : 2

Fixture Size	Narrow · Regular · Wide
	041CAN

Insertion Tool For Caps



▸ Used for insertion the cap in the 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

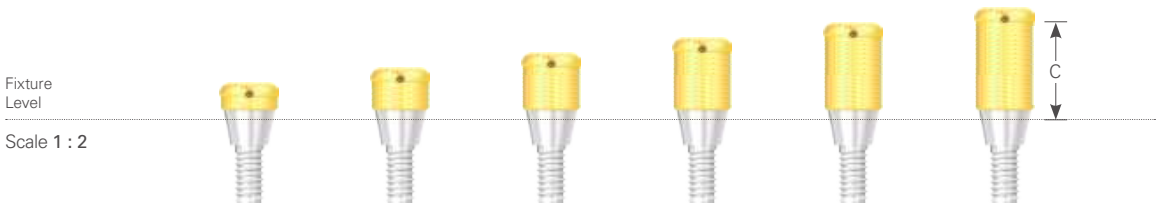
Fixture Size	Narrow · Regular · Wide
	091EC

Locator

· Upgraded from the conventional method used (O-Ring System, Bar Type System, etc.)
by connecting a locator abutment to the fixture
and used by connecting to / separating from male part connected to the denture

Locator Abutment

· Uses Locator Driver
· Tightening Torque : N 20Ncm, R W 30~35Ncm



N R W

Unit mm

Fixture Size	Narrow	Regular · Wide
Cuff 1	02961	02967
2	02962	02968
3	02963	02969
4	02964	02970
5	02965	02971
6	02966	02972

Locator Components

Replacement Male

· Path recovery to the maximum of 20°
· Packing Unit : 4ea

N R W

Retention	1.5 LBS	3 LBS	5 LBS
	08529	**08527**	**08524**
Intensity	Weak	Intermediate	Strong

Extended Replacement Male

· Path recovery to the maximum of 20°~40°
· Packing Unit : 4ea

N R W

Retention	1 LBS	2 LBS	4 LBS
	LOC **08548**	LOC **08915**	LOC **08547**
Intensity	Intermediate	Intermediate	Strong

Male Package

· Packing unit : 2set
Denture cap +
Replacement Male(White, Pink, Blue) +
Block-Out Spacer + Black Processing Male
· Choose the Male of proper retention depends on the case
· Replace the Male using by Locator Core Tool

N R W

Type	2 Set
	08519-2

Locator Components

Denture cap

· Packing Unit : 4set
Denture Cap + Black Processing Male

N R W

Fixture Size	Narrow · Regular · Wide

08510

Black Processing Male

· Use during process of prosthesis fabrication.
· Packing Unit : 4ea

N R W

Fixture Size	Narrow · Regular · Wide

08515

Block-Out Spacer

· Use for sealing the space between Abutment and Denture cap.
· Packing Unit : 20ea

N R W

Fixture Size	Narrow · Regular · Wide

08514

Locator

Locator Core Tool

· Used to connect and separate Replacement Male from Denture cap
· Divided into three pieces and can be used for Locator Abutment and hand drive.

N R W

Code	LOC **8393**

Locator Square Drive Torque Wrench Driver

· Torque Driver for Locator Abutment

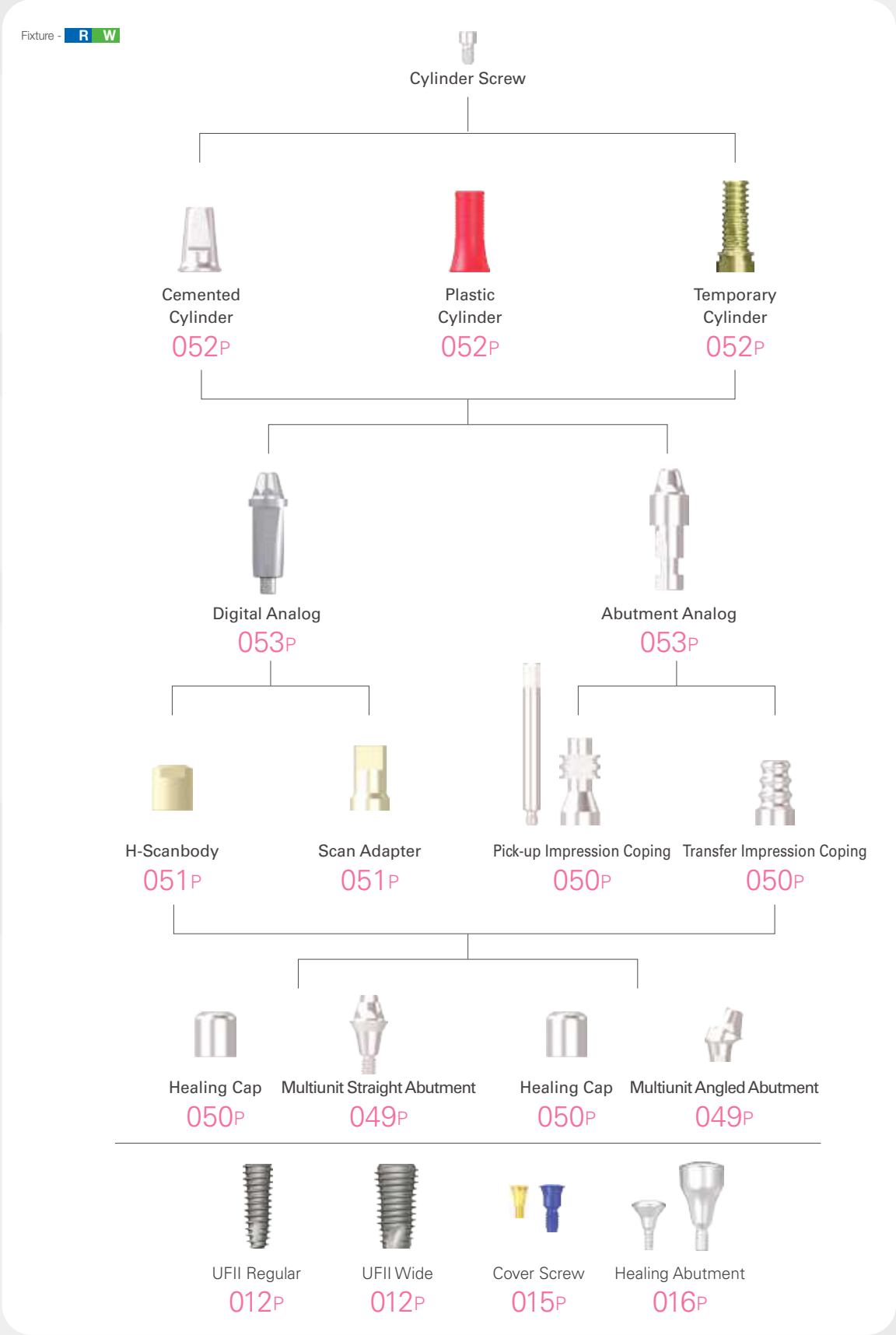
N R W

Unit mm I Scale 1 : 1

Code	LOC 8926	LOC 8927
	15	21

Cement / Screw - Retained Restorations

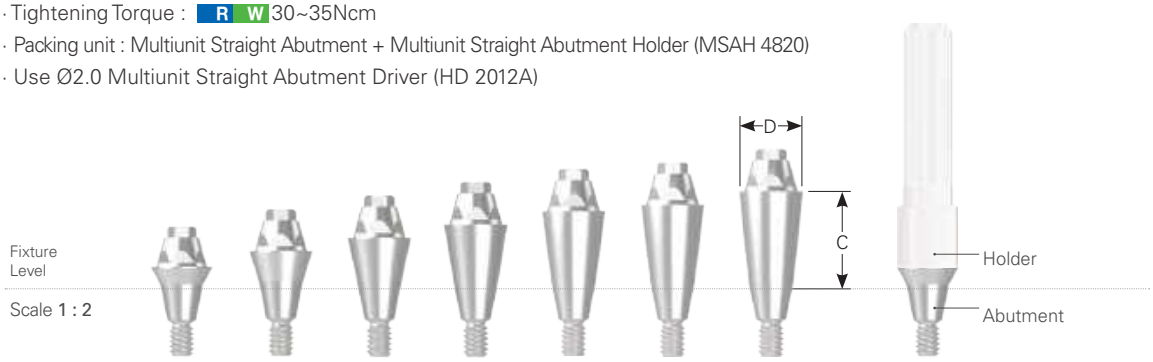
Multiunit Abutment



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)

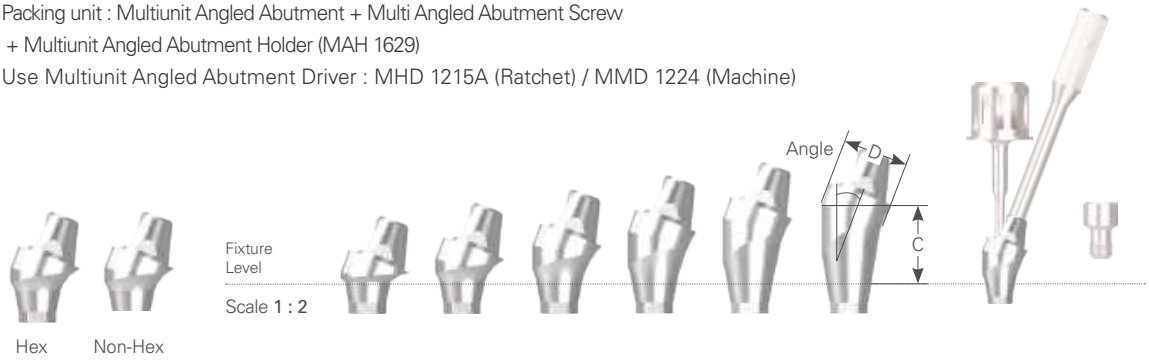


R W D Ø4.8 Unit mm

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)



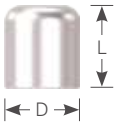
R W D Ø4.8 Hex

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



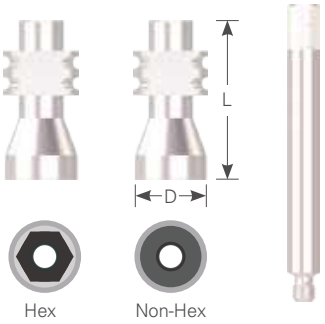
R W D Ø5.0 Length **5.5**

Unit mm | 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 | 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

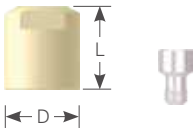
R W D Ø4.8 Length **8**

Unit mm | Scale 1 : 2

Code	MTI **4808N**

H-Scanbody

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



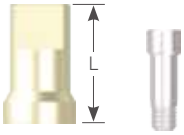
R W **D Ø5.0** Length **5.6**

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 + 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

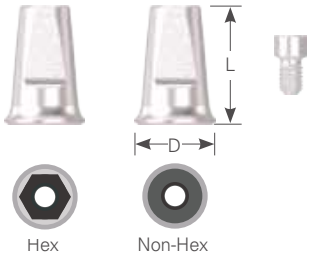
Unit **mm** I Scale **1 : 2**

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 + Screw (MSC 1604)
· Tightening Torque : 20Ncm



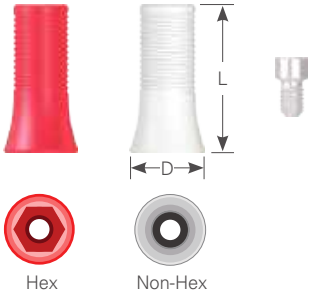
R W D Ø5.4 Length **8**

Unit mm | 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 + Screw(MSC 1604)
· Tightening Torque : 20Ncm



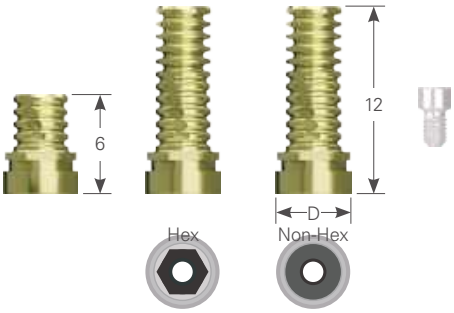
R W D Ø5.0 Length **10**

Unit mm | 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 | Scale 1 : 2

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

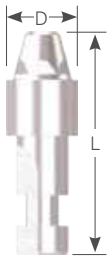
Cylinder Screw

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**

Digital Abutment

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

Digital abutment that is **better** than stock abutments and more **convenient** than customized abutments.

Function : Scan Adapter

Marking

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

Caution

ex) Cuff 2.5 = 2 / Post 5.5 = 5

Protect Cap Lock-Groove

Shoulder Margin

UFII Connection

UFII Connection

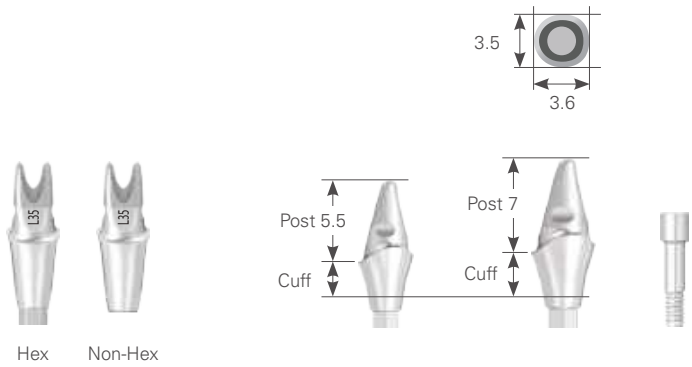
UFII Narrow Connection

	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 Angled 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 | 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	-

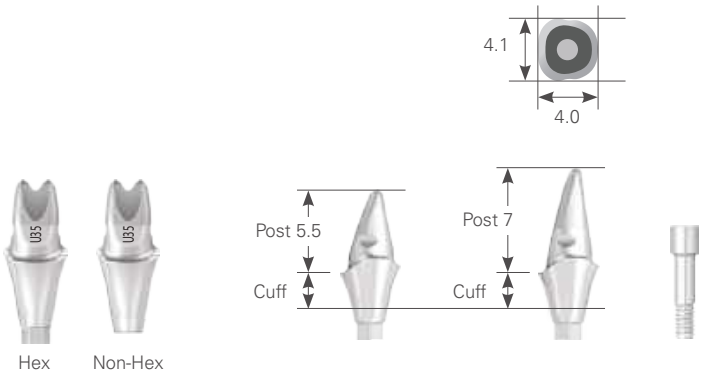
N Post 7.0

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

UF II Narrow Angled 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 | Scale 1 : 1.25

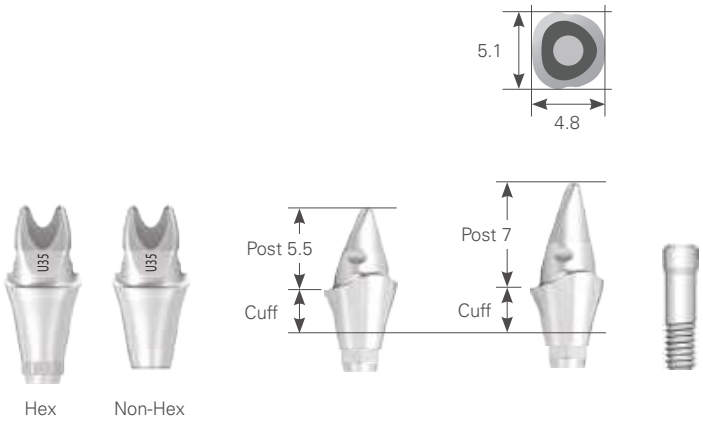
Cuff	2.5	3.5	4.5	5.5	Protect Cap
Hex	DUN **2555H[C]**	DUN **3555H[C]**	DUN **4555H[C]**	DUN **5555H[C]**	DCUN **55**
Non-Hex	DUN **2555N[C]**	DUN **3555N[C]**	DUN **4555N[C]**	DUN **5555N[C]**	DCUN **55**
Marking	U 25	U 35	U 45	U 55	-

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	-

UFII Angled 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	-

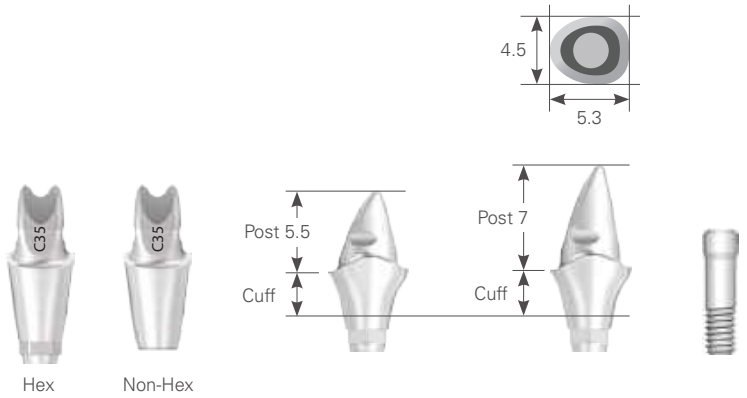
R Post 7.0

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

UF II Angled 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 | 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	-

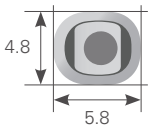
R Post 7.0

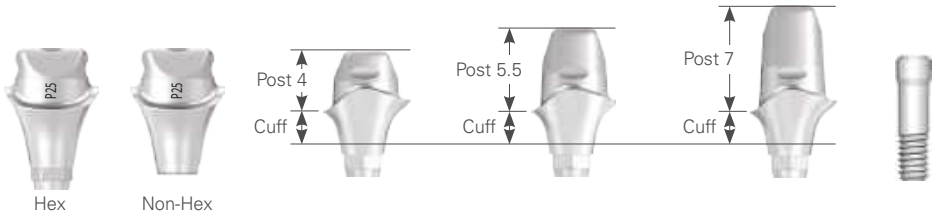
Cuff	2.5	3.5	Protect Cap
Hex	DCR **2570H[C]**	DCR **3570H[C]**	DCCR **70**
Non-Hex	DCR **2570N[C]**	DCR **3570N[C]**	DCCR **70**
Marking	C 27	C 37	-

Pre-Molar

UFII Angled 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 | 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

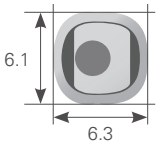
Cuff	1.5	2.5	3.5	4.5	Protect Cap
Hex	DPR **1555H[C]**	DPR **2555H[C]**	DPR **3555H[C]**	DPR **4555H[C]**	DCPR **55**
Non-Hex	DPR **1555N[C]**	DPR **2555N[C]**	DPR **3555N[C]**	DPR **4555N[C]**	DCPR **55**
Marking	P 15	P 25	P 35	P 45	-

R Post 7.0

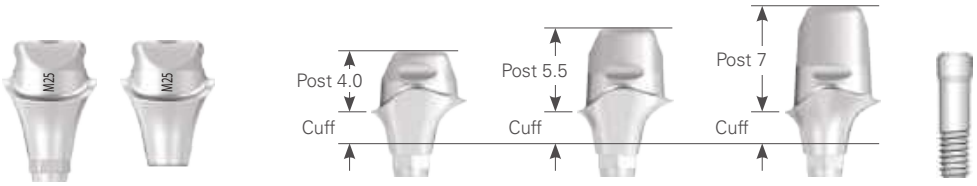
Cuff	1.5	2.5	3.5	4.5	Protect Cap
Hex	DPR **1570H[C]**	DPR **2570H[C]**	DPR **3570H[C]**	DPR **4570H[C]**	DCPR **70**
Non-Hex	DPR **1570N[C]**	DPR **2570N[C]**	DPR **3570N[C]**	DPR **4570N[C]**	DCPR **70**
Marking	P 17	P 27	P 37	P 47	-

Molar

UF II Angled 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.)



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

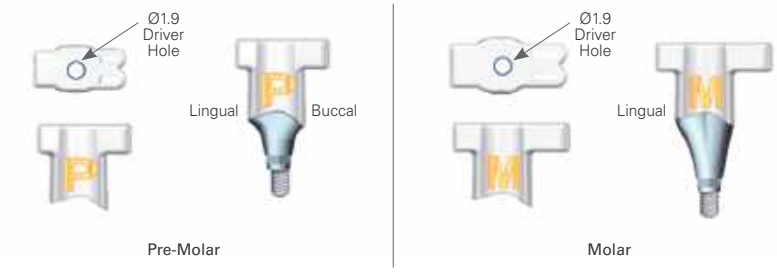
Cuff	1.5	2.5	3.5	4.5	Protect Cap
Hex	DMR **1555H[C]**	DMR **2555H[C]**	DMR **3555H[C]**	DMR **4555H[C]**	DCMR **55**
Non-Hex	DMR **1555N[C]**	DMR **2555N[C]**	DMR **3555N[C]**	DMR **4555N[C]**	DCMR **55**
Marking	M 15	M 25	M 35	M 45	-

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



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

Protect Cap

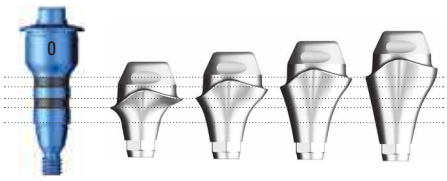
1. Prevention of gingiva creeping
   · Covering of gum in the margin and gingiva retraction
   · Can accurately take impression with widened gum

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.

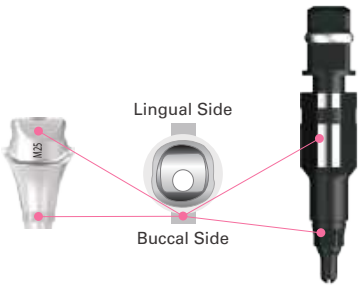
How to check the path

Flapless Surgery

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

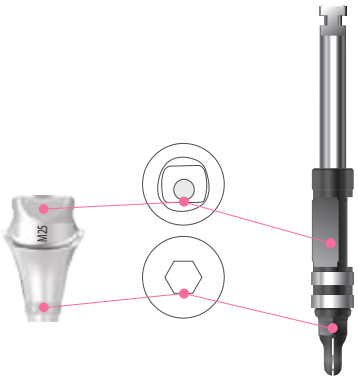


· Setting of hex direction to buccal side when using anatomic abutment, checking of hex direction using guide sleeve projection
· Can check hex direction using a Guide Sleeve



Flap Surgery

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



Workflow

DIOnavi. + Digital Abutment (Full Digital)

Immediate Restoration

Image collection

Surgey simulation

Design & manufacture

DIOnavi. surgery

Connection of digital 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 digital 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 (DA connection) plaster model

Scanning of model (Oral & Desk Scanner)

Library matching

Final crown design

Manufacture of final crown

H-Scanbody & Jig

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

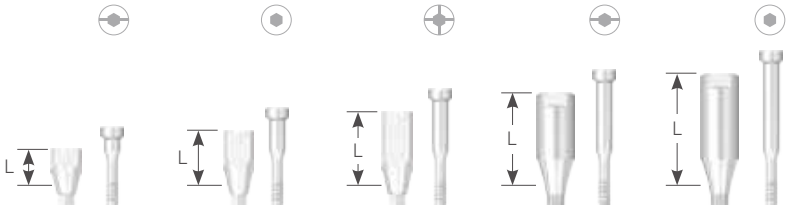
UFII Narrow

Top view

● Sold separately

Unit mm | Scale 1 : 1.25

N D Ø4.0

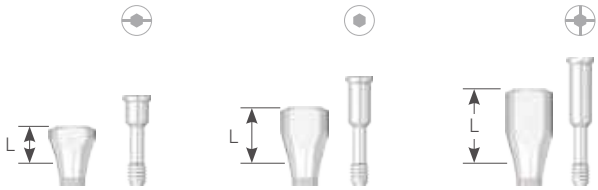
Length	4	6	8	10	12	Jig
						
	UNHSB **404H**	UNHSB **406H**	UNHSB **408H**	UNHSB **410H**	UNHSB **412H**	JIG **401**
Screw	UNSCAN **1408H**	UNSCAN **1410H**	UNSCAN **1412H**	UNSCAN **1414H**	UNSCAN **1416H**	

UFII Regular / Wide

Top view

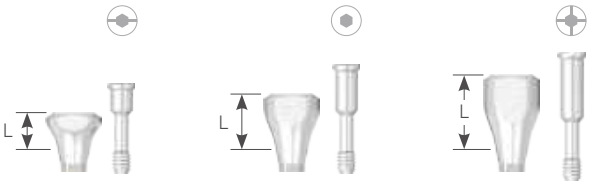
Unit mm | Scale 1 : 1.25

R W D Ø5.0

Length	4	6	8	Jig
				
	HSCAN **541H**	HSCAN **561H**	HSCAN **581H**	JIG **501**
Screw	SSCAN **2009H**	SSCAN **2011H**	SSCAN **2013H**	

Top view

R W D Ø6.0

Length	4	6	8	Jig
				
	HSCAN **641H**	HSCAN **661H**	HSCAN **681H**	JIG **601**
Screw	SSCAN **2009H**	SSCAN **2011H**	SSCAN **2013H**	

H-Scanbody

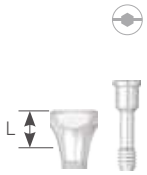
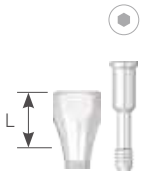
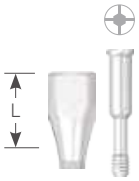
UF II Regular / Wide

Top view

● Sold separately

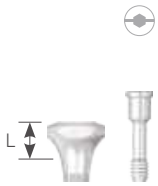
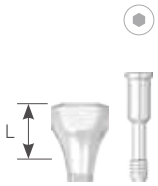
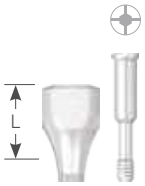
Unit mm I Scale 1 : 1.25

R W D Ø6.0

Length	4	6	8	Jig
				
	HSCAN **642H**	HSCAN **662H**	HSCAN **682H**	JIG **602**
Screw	SSCAN **2009H**	SSCAN **2011H**	SSCAN **2013H**	

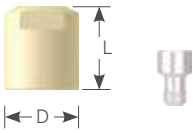
Top view

R W D Ø7.0

Length	4	6	8	Jig
				
	HSCAN **741H**	HSCAN **761H**	HSCAN **781H**	JIG **701**
Screw	SSCAN **2009H**	SSCAN **2011H**	SSCAN **2013H**	

UF II Regular / Wide

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



Unit mm I Scale 1 : 2

R W D Ø5.0 Length 5.6

Code	MHSB **5005H**

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
· [H] : Hex / [T] : Torx
· The library can be downloaded from the website. (https://hq.dionavi.com/cad/cadlib.do)

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

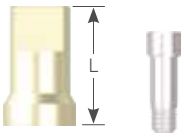
R W

Unit mm I Scale 1 : 1.25

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

UFII Regular / Wide

· Only use Multiunit Straight(MSA) / Multiunit Angled(MAA) Abutment
· Uses 1.2 Hex Driver
· Packing Unit : Scan Adapter + Screw (MCSC 1606)
· Tightening Torque : 5~8Ncm



R W **D Ø4.8** Length 8

Unit mm I Scale 1 : 2

Code	MSCAN **4808H**

Wax Denture

▸ Made of thermoplastic material that allows easy operation to acquire occlusion with patient's gingiva

· For edentulous patients
· Easily customized
· 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 : 1 Set (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

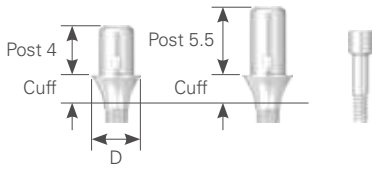
Type	Hex		Non-Hex	
Diameter	Ø10	Ø12	Ø10	Ø12
	CBSS **01[H]**	CBSS **02[H]**	CBSS **01N[H]**	CBSS **02N[H]**

Hybrid Link

· Up to implant platform connection part is made of titanium,
making it easy to produce prosthesis for anterior region 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



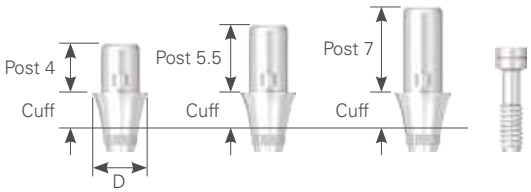
N D Ø4.0

Unit mm | 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 | Scale 1 : 1.65

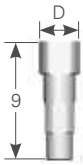
Type			Hex	Non-Hex
Diameter Ø4.5	Post 4	Cuff 1	UFHL **45401H[H]**	UFHL **45401N[H]**
		Cuff 2	UFHL **45402H[H]**	UFHL **45402N[H]**
		Cuff 3	UFHL **45403H[H]**	UFHL **45403N[H]**
	Post 5.5	Cuff 1	UFHL **45501H[H]**	UFHL **45501N[H]**
		Cuff 2	UFHL **45502H[H]**	UFHL **45502N[H]**
		Cuff 3	UFHL **45503H[H]**	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

· Provides anchor point for abutment on 3D printed model.
· The library can be downloaded from the website.
(https://hq.dionavi.com/cad/cadlib.do)

UF II Narrow

· Packing Unit : Digital Fixture Analog



N **D Ø3.0** Hex **1.7**

Unit mm I Scale 1 : 1.65

Code	DAU **3009**

UF II Regular / Wide

· Packing Unit : Digital Fixture Analog

R **W** **D Ø4.5** Hex **2.5**

Unit mm I Scale 1 : 1.65

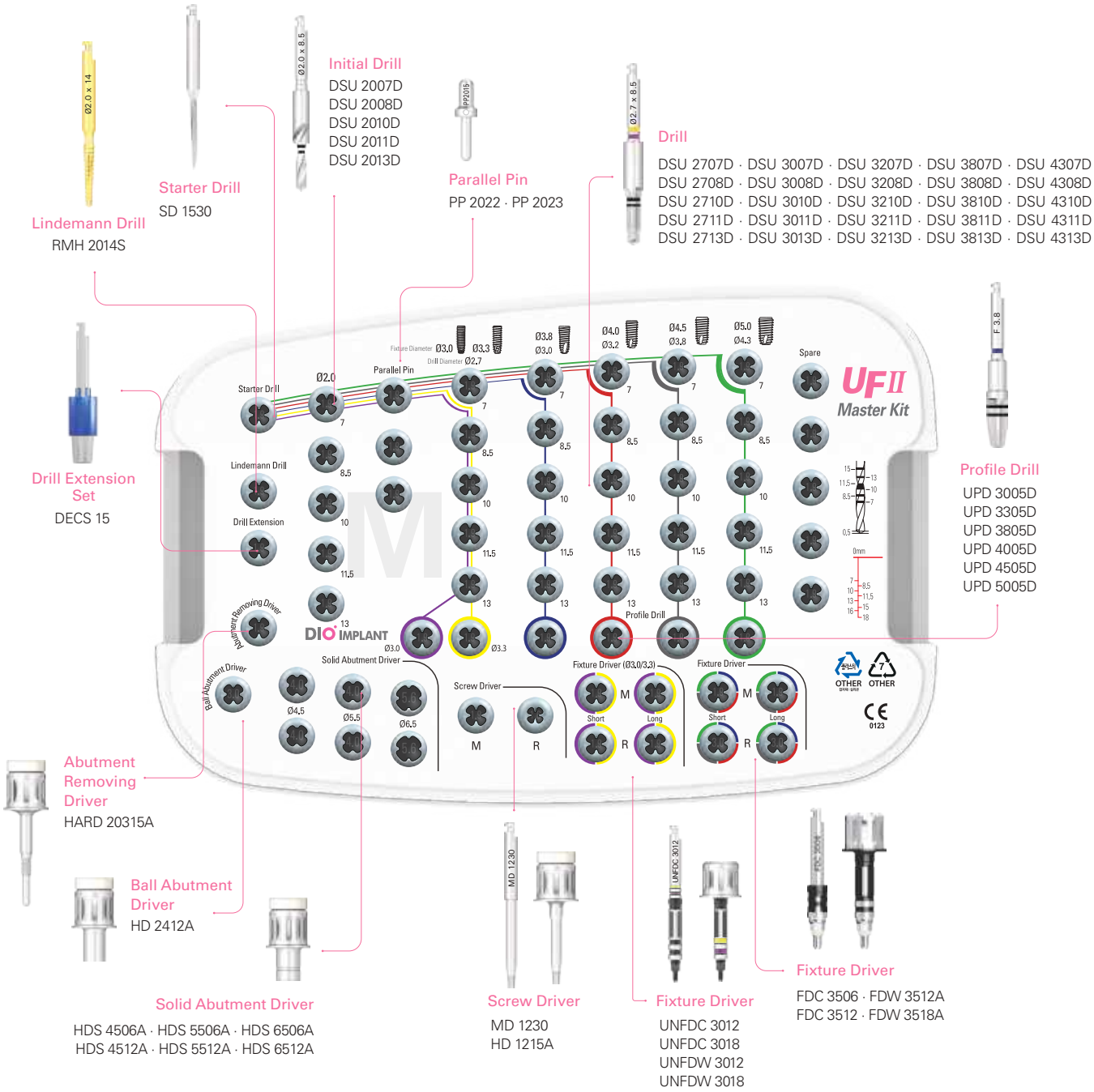
Code	DAU **4509**

UFⅡ Master Kit

Kit Code | 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 | Drill Scale 1 : 0.9



Torque Wrench
DTW 0060

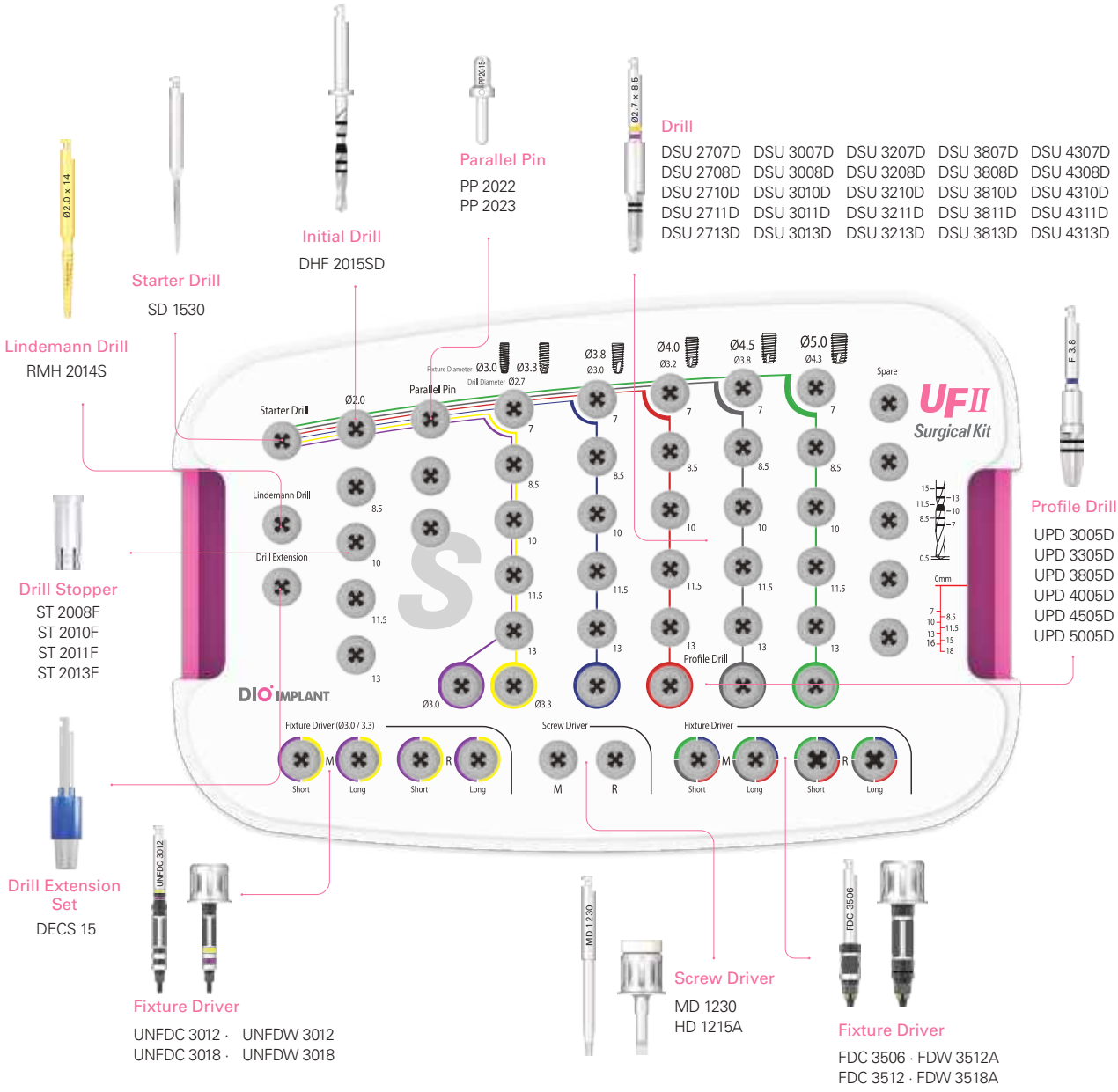
Depth Gauge
DPG 2050

UFⅡ Surgical Kit

Kit Code | 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 | Drill Scale 1 : 0.9



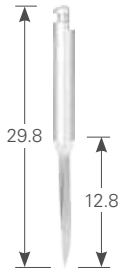
Torque Wrench
DTW 0060

Depth Gauge
DPG 2050

Surgical Tool

Starter Drill

· Used to mark the initial position of the implant.



K

Unit mm | Scale 1 : 1.15

Code	SD **1530**

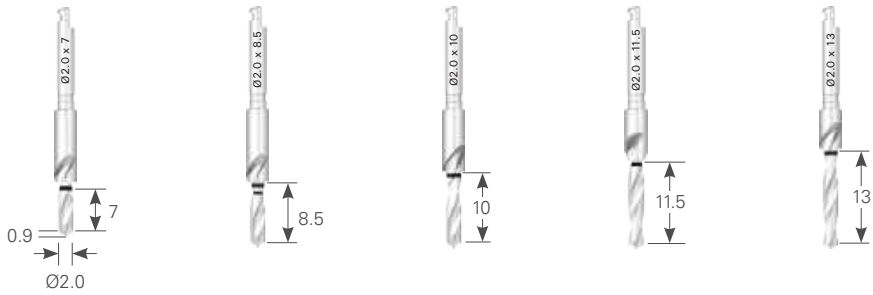
Initial Drill

· Utilized to establish the initial drilling hole.

K **D Ø2.0** · Only use UFⅡ Master Kit

Unit mm | Scale 1 : 1

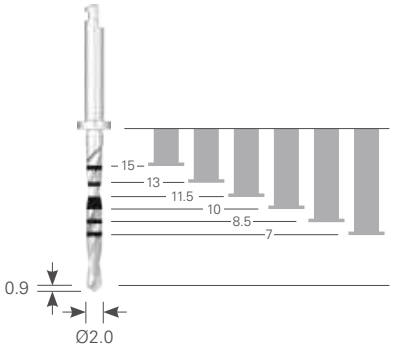
Code	DSU **2007D**	DSU **2008D**	DSU **2010D**	DSU **2011D**	DSU **2013D**



K **D Ø2.0** · Only use UFⅡ Surgical Kit

Unit mm | 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

Unit mm | Scale 1 : 1

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

Parallel Pin

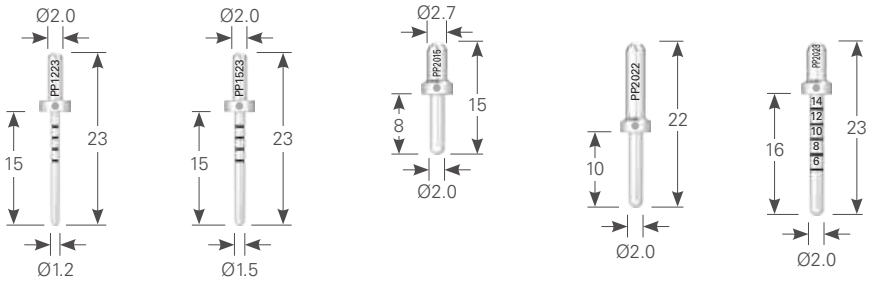
· Used to gauge drilling direction and occlusal relations with opposing teeth when inserted into the Initial Drill or Ø2.7 Drill Hole.

● Sold separately

K

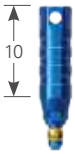
Unit mm I Scale 1 : 1

Code	PP **1223**	PP **1523**	PP **2015**	PP **2022**	PP **2023**



Path Pin

· Attached to the implanted fixture to verify the path.



● Sold separately

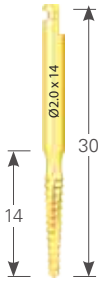
K

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

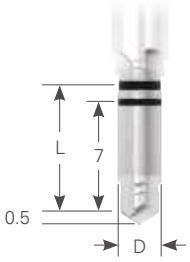
K

Unit mm I Scale 1 : 1.15

Code	DAP **4515A**	DAP **4515B**
Type	Hex A	Hex B

Surgical Tool

Drill



	Ø2.6	Ø2.9	Ø3.1	Ø3.7	Ø4.2
Color					

Scale 1 : 1.15

● Sold separately

K D Ø2.6

Unit mm | 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 | 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 | Scale 1 : 1

Code	DSU**3207D**	DSU**3208D**	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 | 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 | Scale 1 : 1

Code	DSU**4307D**	DSU**4308D**	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 | Scale 1 : 1

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

Surgical Tool

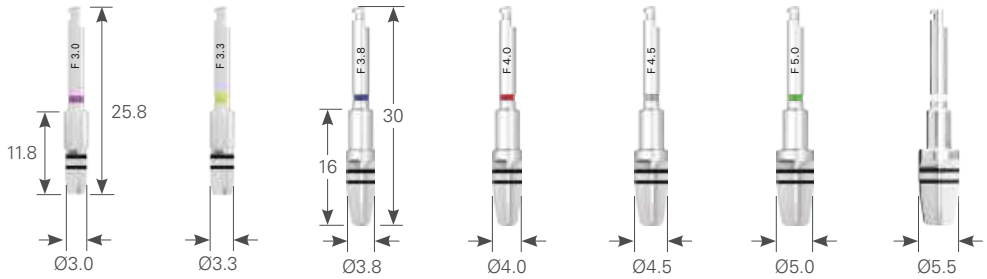
Profile Drill

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

K

● Sold separately
Unit mm | 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

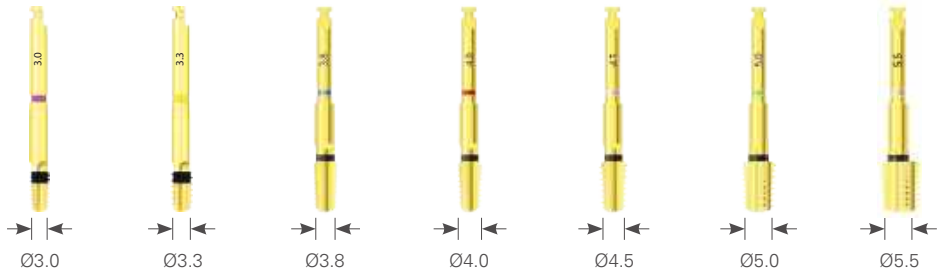
Tap Drill

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

K

● Sold separately
Unit mm | 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 | Scale 1 : 1.2

Code	DECS **15**

Fixture Driver Narrow

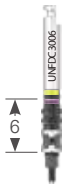
· Utilized for the safe extraction of the fixture from packaging and implantation.
· Recommended usage: up to 20 times

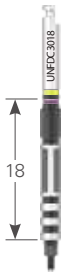
● Sold separately

K Machine

Unit mm | Scale 1 : 1

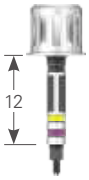
Code	UNFDC **3006**	UNFDC **3012**	UNFDC **3018**

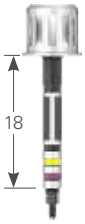




K Ratchet

Code	UNFDW **3006**	UNFDW **3012**	UNFDW **3018**





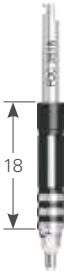
Fixture Driver Regular / Wide

● Sold separately

K Machine

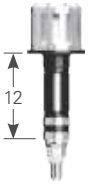
Unit mm | Scale 1 : 1

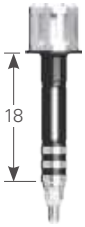
Code	FDC **3506**	FDC **3512**	FDC **3518**



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

K Slot 0.5

Unit mm | Scale 1 : 1

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

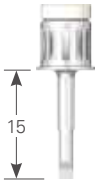
· Utilized for attaching the upper prosthesis or 1.2Hex screw.

● Sold separately

Unit mm | Scale 1 : 1

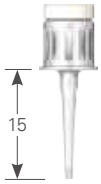
K Slot 0.5

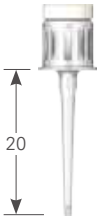
Code	HD 0510A	HD 0515A



K Hex 0.9

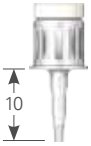
Code	HD 0910A	HD 0915A	HD 0920A

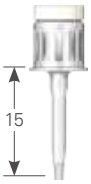


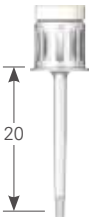


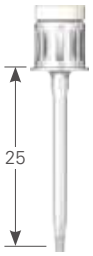
K Hex 1.2

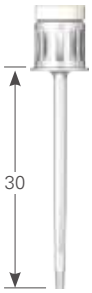
Code	HD 1205A	HD 1210A	HD 1215A	HD 1220A	HD 1225A	HD 1230A





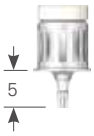


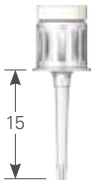


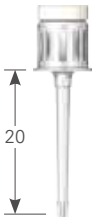


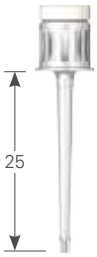
K Torx 1.7

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









Surgical Tool

Fixture Mount Driver

· Only use UF Ⅱ Master Kit

K Hex **2.5**

● Sold separately

Unit mm | Scale 1 : 1

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

Solid Abutment Driver

· Only use UF Ⅱ Master Kit

· Used for attaching Solid Abutment to the fixture

K

Unit mm | 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

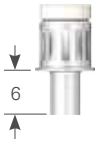
· Only use UF Ⅱ Master Kit
· Used for attaching Ball Abutment to the fixture

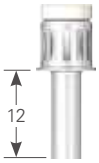
● Sold separately

K

Unit mm | Scale 1 : 1

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





Abutment Removing Driver

· Only use UF Ⅱ Master Kit

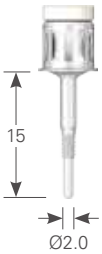
Abutment Removing Driver

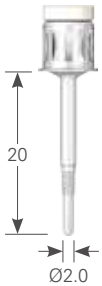
· Only use UF Ⅱ Master Kit
· Used to remove fractured abutment

K

Unit mm | Scale 1 : 1

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

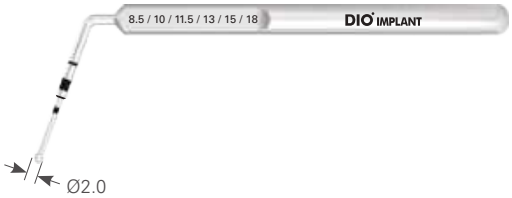




Surgical Tool

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.

● Sold separately

K

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

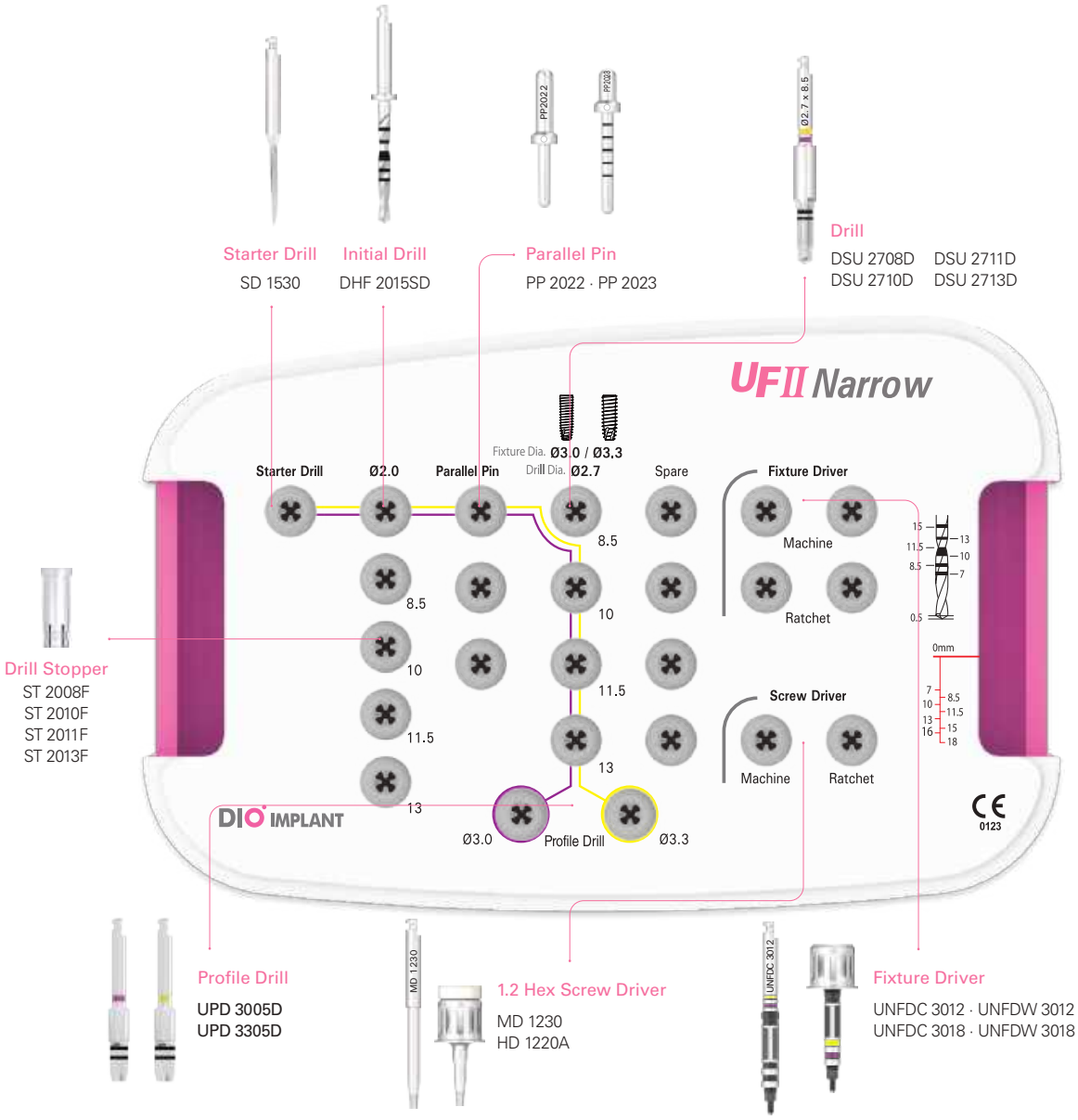
Code	DTW **0060**

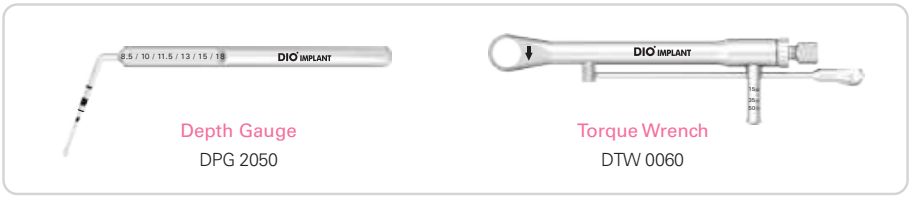
UFⅡ Narrow Kit

Kit Code | UF 08

· Kit composed of drill with outstanding cutting force and durability, etc.
· UFⅡ NarrowØ3.0 Ø3.3 Fixture

Unit mm | Drill Scale 1 : 0.9

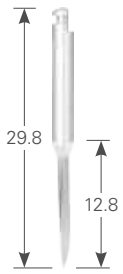




Surgical Tool

Starter Drill

· Used to mark the initial position of the implant.



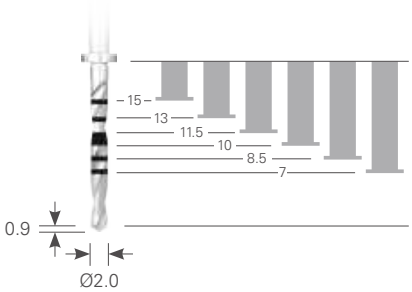
K

Unit mm | Scale 1 : 1.2

Code	SD **1530**

Initial Drill

· Utilized to establish the initial drilling hole.



K **D Ø2.0**

Unit mm | Scale 1 : 1.2

Code	DHF **2015SD**

Drill stopper

· Utilized for adjusting the depth during drill insertion.

K **D Ø2.0**

Unit mm | Scale 1 : 1

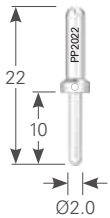
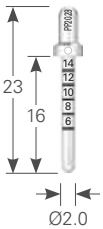
Code	ST **2015F**	ST **2013F**	ST **2011F**	ST **2010F**	ST **2008F**

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 | Scale 1 : 1

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

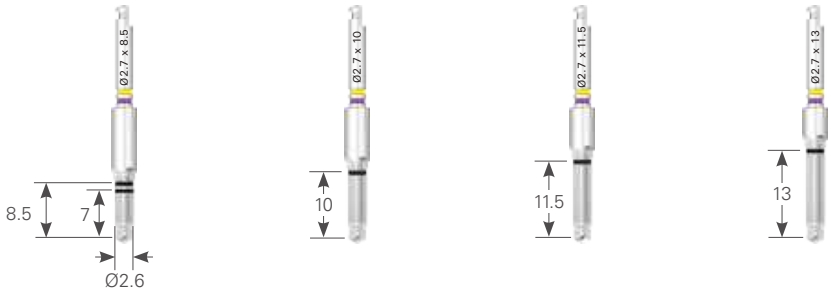
Surgical Tool

Drill

K **D Ø2.6**

Unit mm | 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 | Scale 1 : 1

Fixture Size	Ø3.0	Ø3.3
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 | Scale 1 : 1

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

Fixture Driver

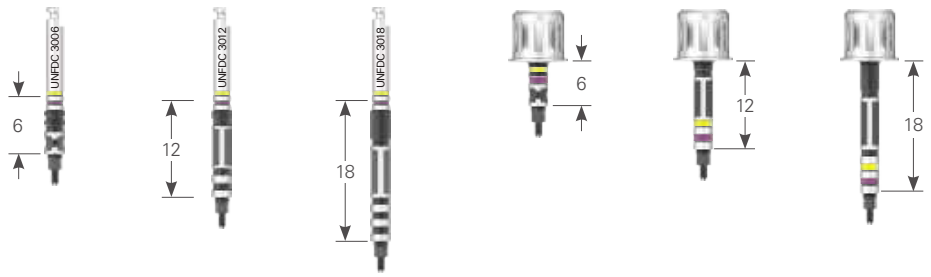
· Utilized for the safe extraction of the fixture from packaging and implantation.
· Maximum Tightening Torque : 50Ncm
· Recommended usage : up to 20 times

● Sold separately

K

Unit mm | 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 | 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 | Scale 1 : 1

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

UFⅡ Wide Kit

Kit Code | UF 09

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

Unit mm | Drill Scale 1 : 0.9

Trephine Drill

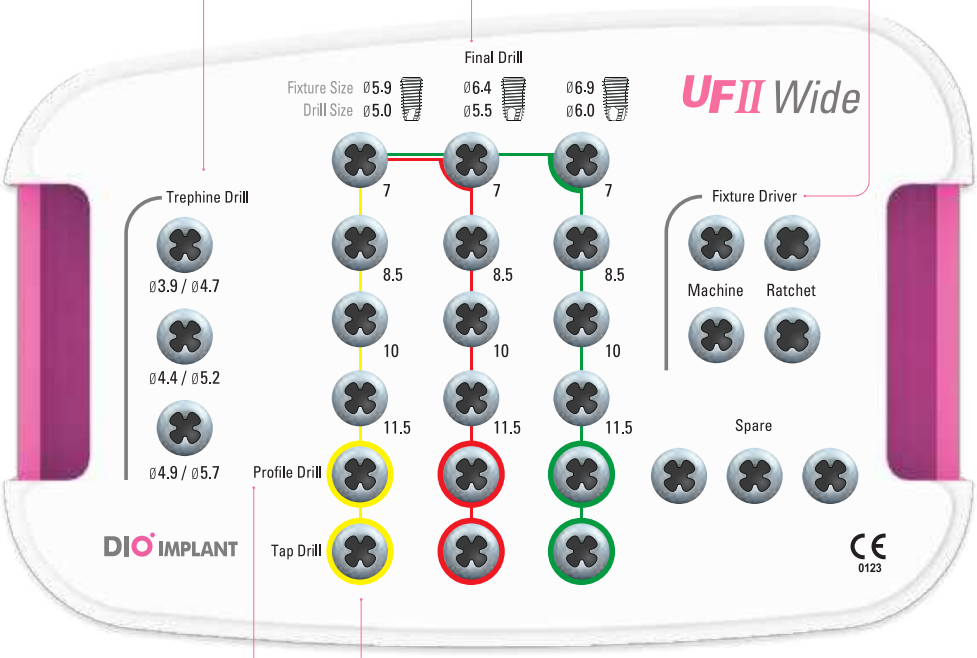
TRD 4739
TRD 5244
TRD 5749

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 | 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 | 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

	Ø4.9	Ø5.4	Ø5.9
Color			
Stopper	ST 5504	ST 6004	ST 6504

● Sold separately

K D Ø4.9

Unit mm | 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

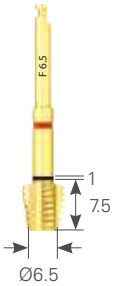
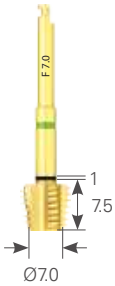
Code	DSU **6007**	DSU **6008**	DSU **6010**	DSU **6011**	DSU **6013**	DSU **6015**
Length	7	8.5	10	11.5	13	15

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 | Scale 1 : 1

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

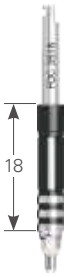
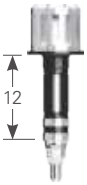
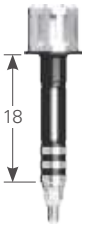
Fixture Driver

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

● Sold separately

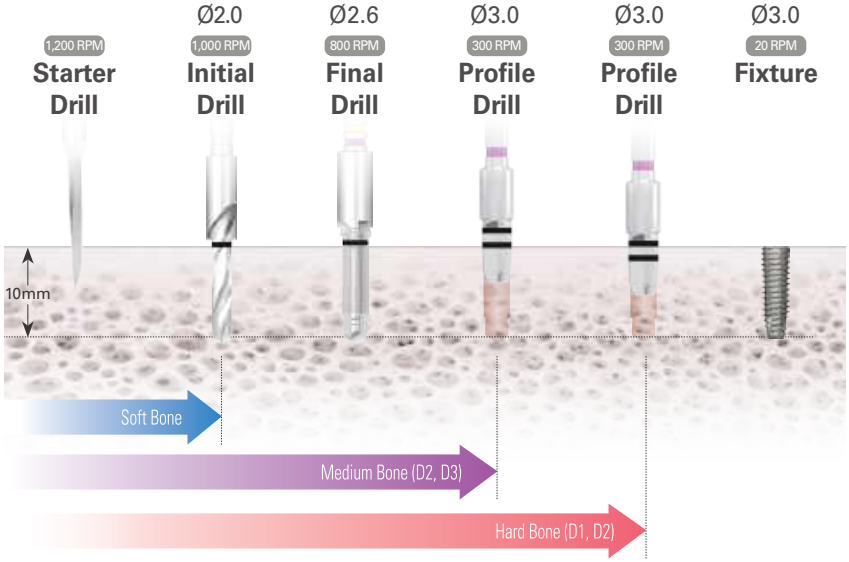
K **D Ø3.6**

Unit mm | Scale 1 : 1

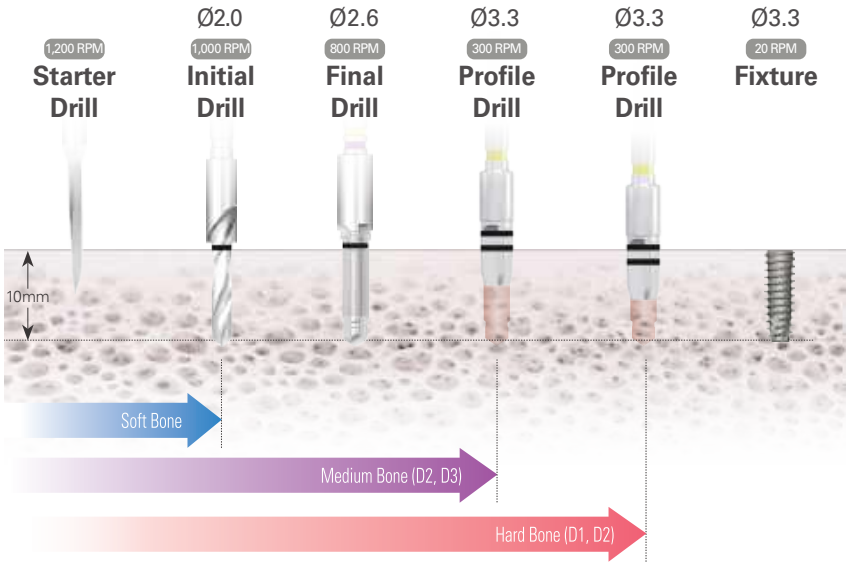
Type	Machine			Ratchet		
Code	FDC **3506**	FDC **3512**	FDC **3518**	FDW **3506A**	FDW **3512A**	FDW **3518A**
						

UFⅡ Surgical Protocol

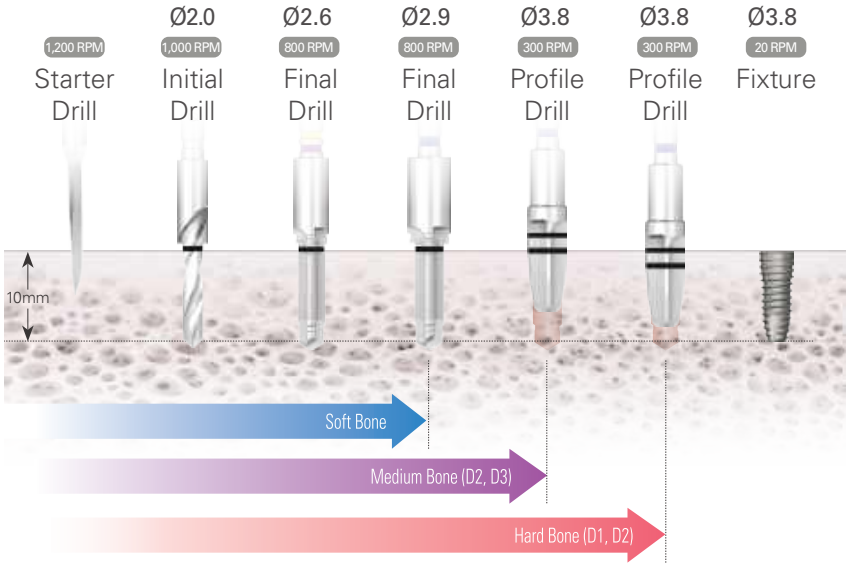
Ø3.0 Fixture



Ø3.3 Fixture

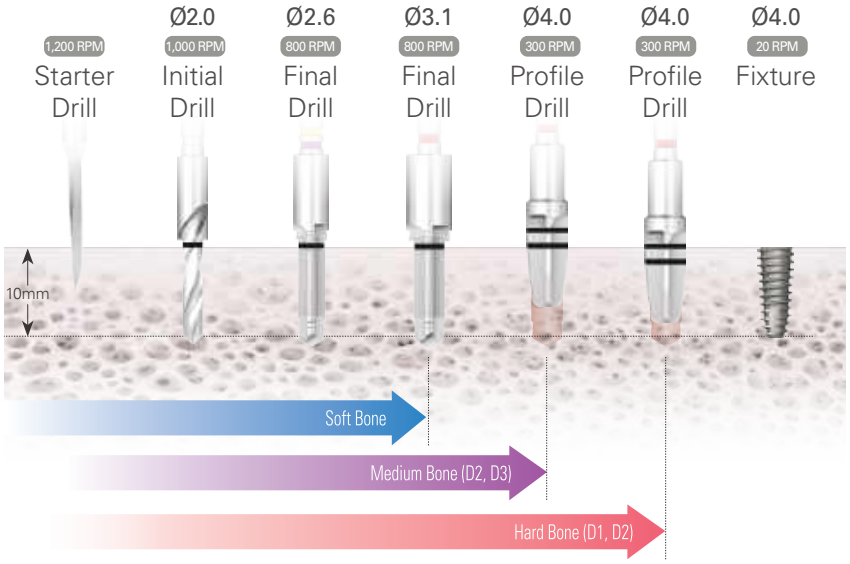


Ø3.8 Fixture

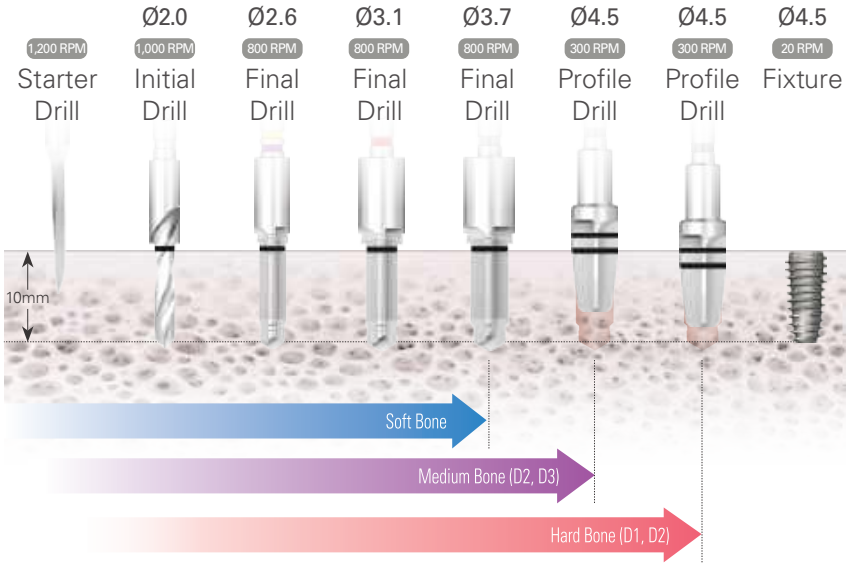


UFⅡ Surgical Protocol

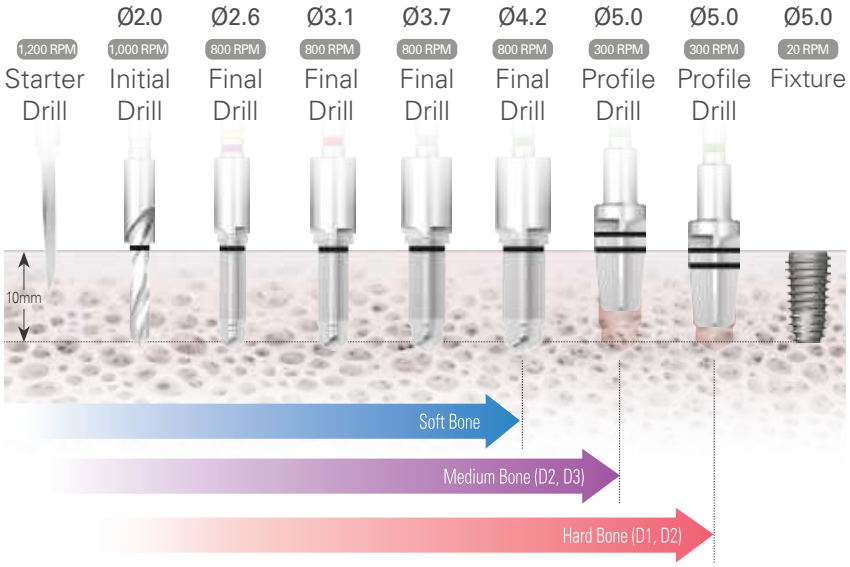
Ø4.0 Fixture



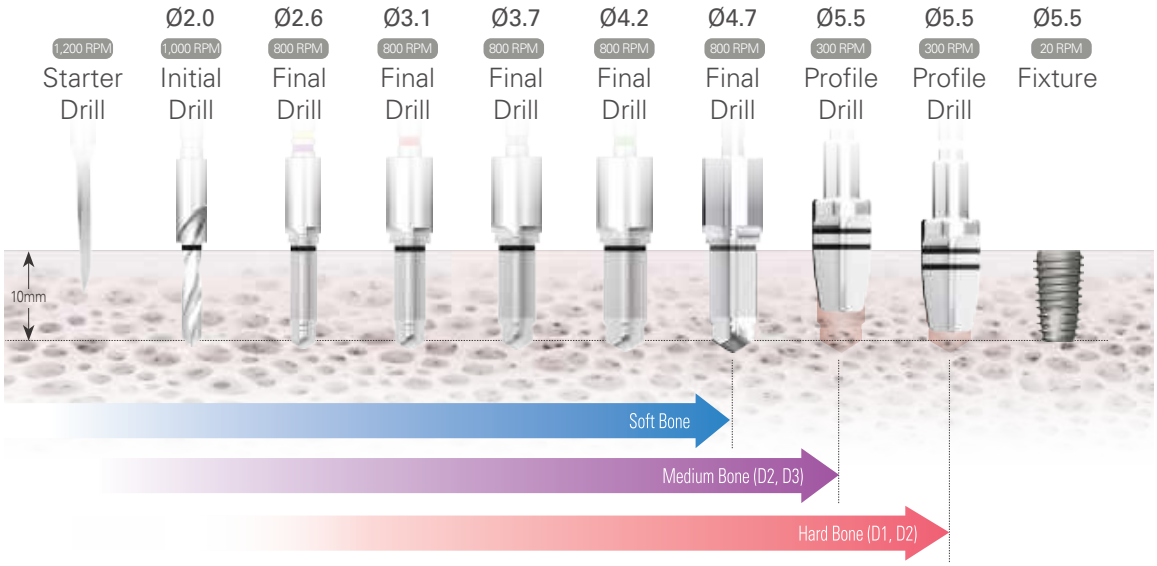
Ø4.5 Fixture



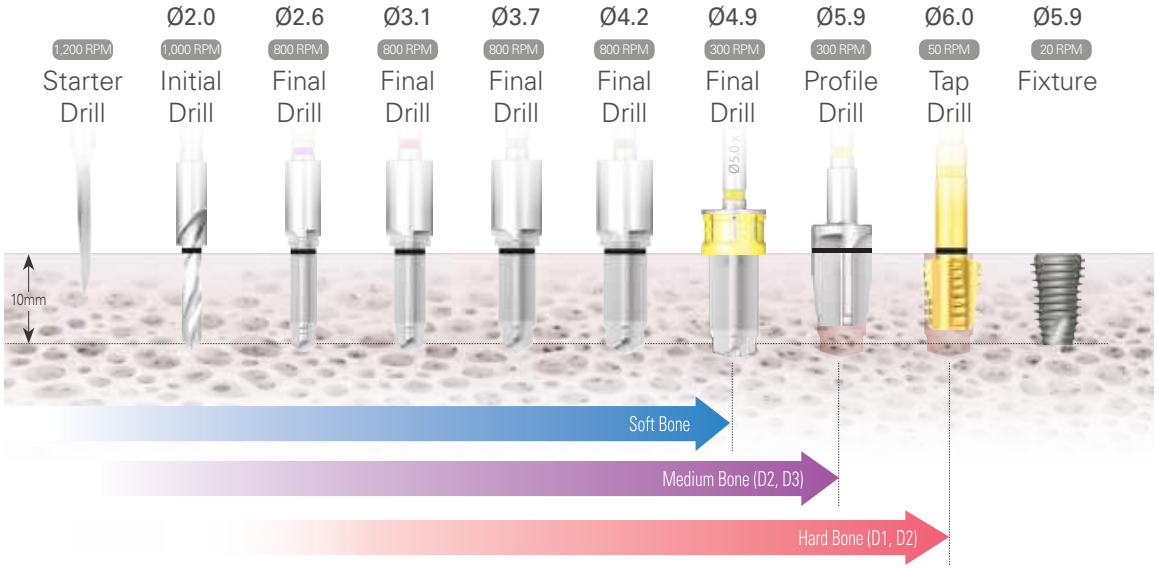
Ø5.0 Fixture



Ø5.5 Fixture

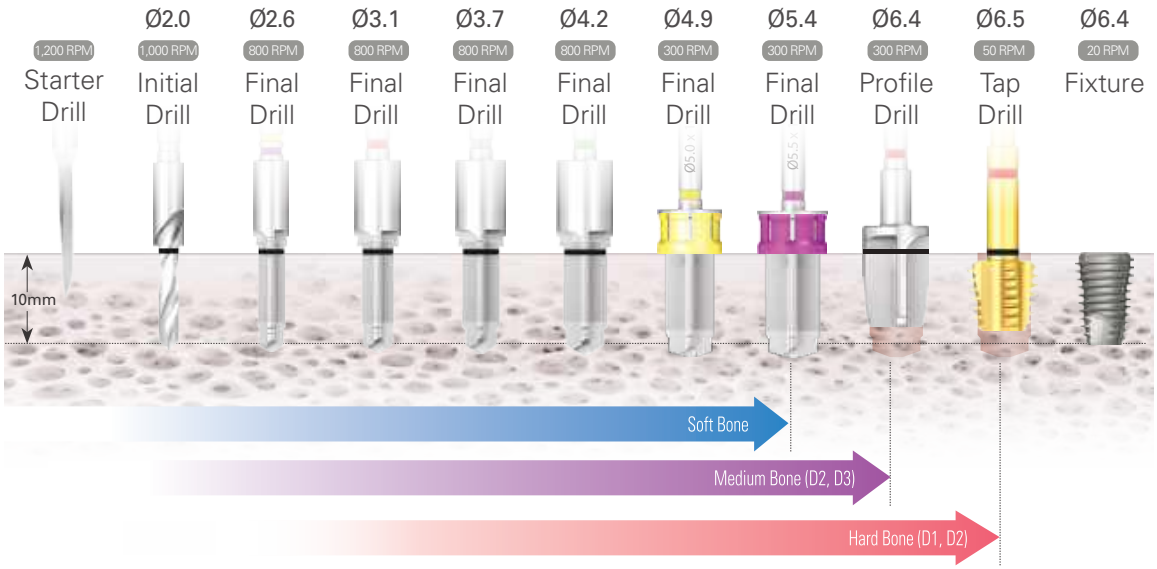


Ø5.9 Fixture

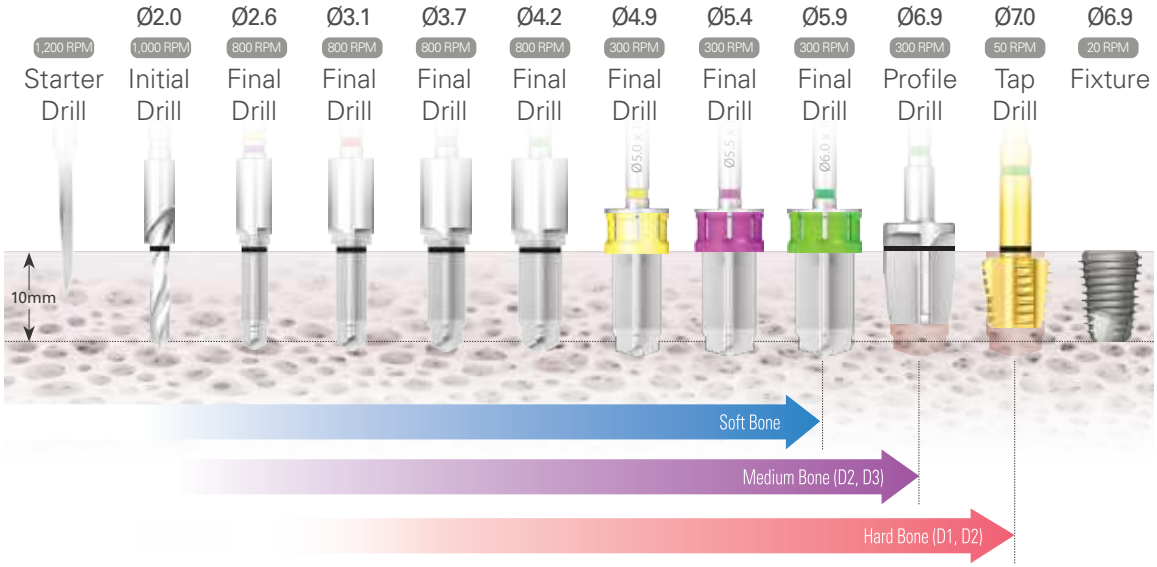


UFⅡ Surgical Protocol

Ø6.4 Fixture



Ø6.9 Fixture



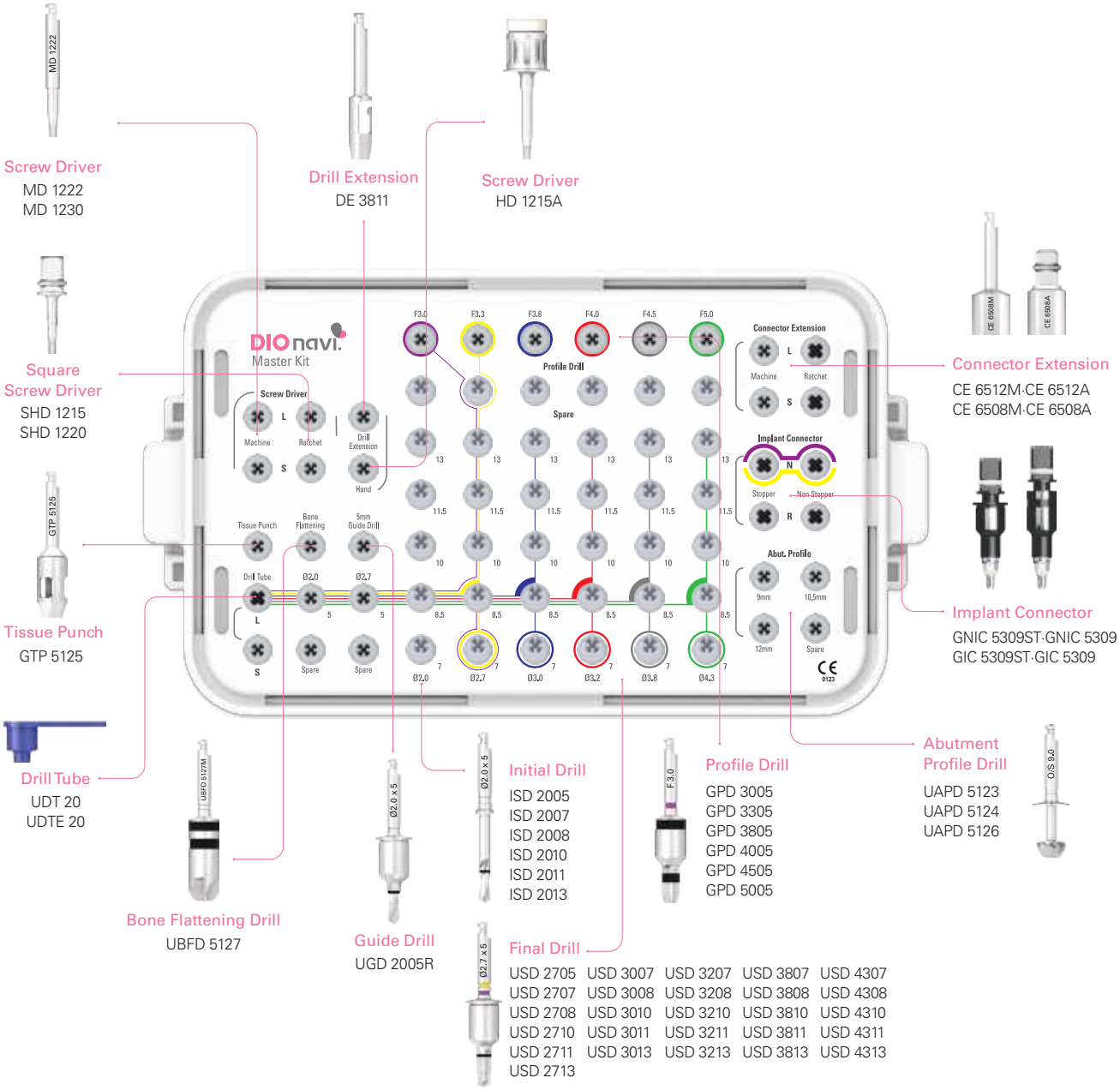
DIOnavi. Kits

DIOnavi. Master Kit

Kit Code | UF 05

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

Unit **mm** | Drill Scale **1 : 0.9**



Surgical Tool

Tissue Punch

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

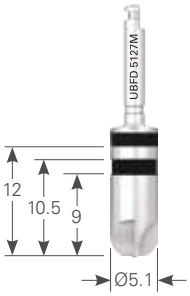
K **D Ø3.0**

Unit mm | 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 | 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 | Scale 1 : 1

Code	UGD **2005R**

Drill Extension

K Length **11**

Unit mm | 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

● Sold separately

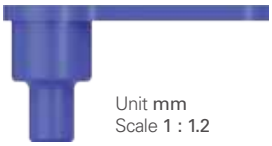
Unit mm | Scale 1 : 1.2

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

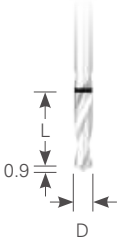
K

Unit mm | Scale 1 : 1

Code	UDT **20**	UDTE **20**	UDTL **20**

Initial Drill

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

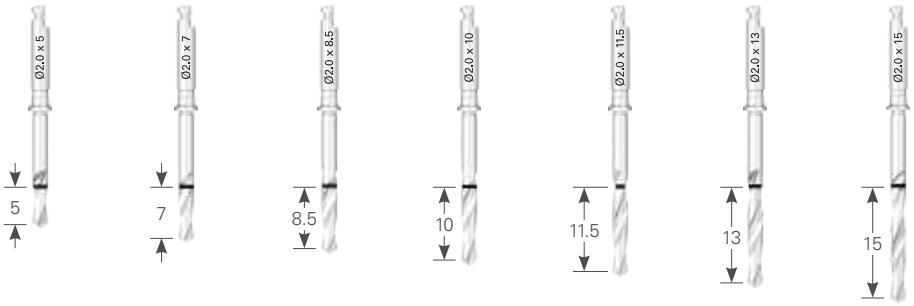


● Sold separately

K D Ø2.0

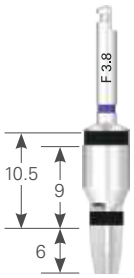
Unit mm | Scale 1 : 1

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



Profile Drill

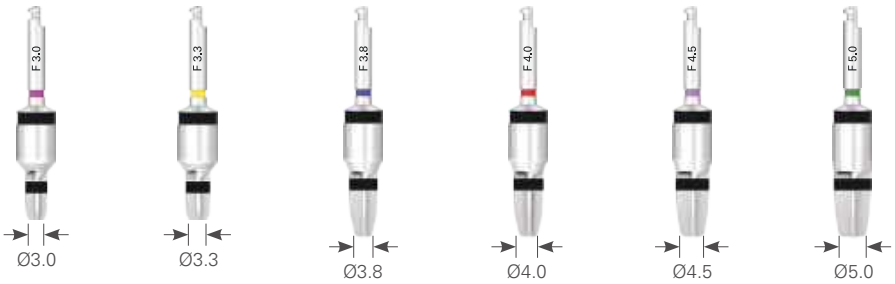
· The cortical bone is further drilled in D1 and D2 bones, and excessive placement torque is prevented.



K

Unit mm | 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

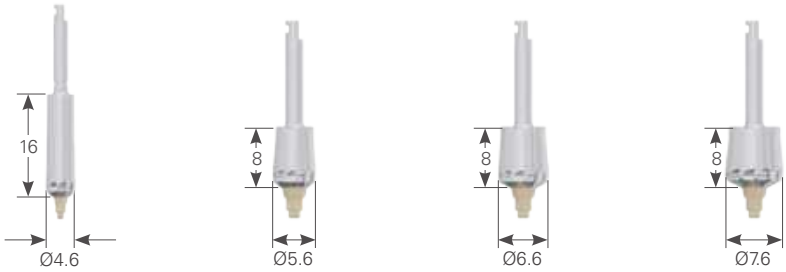
· When connecting abutment (healing) after implant placement, It is necessary to contour the bone for proper seating of the abutments.(to contour bone to allow for a wider emergence profile restoration)
· To flatten and remove bone that has grown around or over an implant which impedes its restoration.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

● Sold separately

K

Unit mm | Scale 1 : 1

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

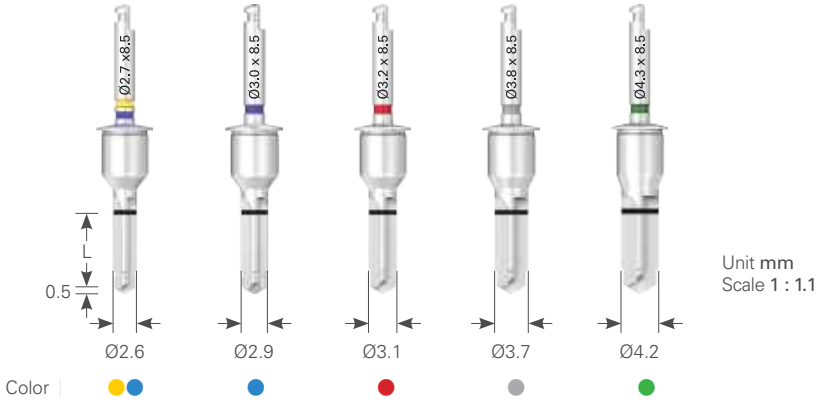


Code	Narrow	Regular	Regular	Regular

Surgical Tool

Final Drill

· The drill hole is expanded to the final drilling.



K D Ø2.6

Sold separately

Unit mm | Scale 1 : 1

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 | 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 | 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 | 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 | 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 | 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						

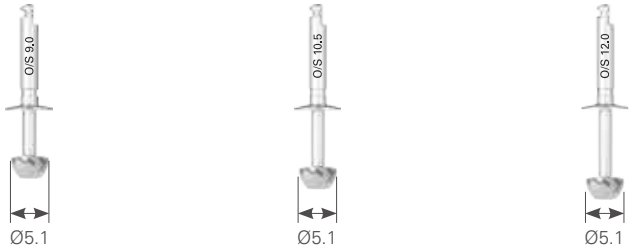
Abutment Profile Drill

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

K

Unit mm | Scale 1 : 1

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



Offset	9	10.5	12

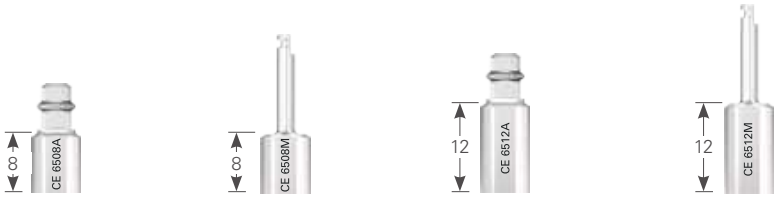
Connector Extension

· Length of the connector is extended during implant placement.

K

Unit mm | Scale 1 : 1

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



Type	Ratchet	Machine	Ratchet	Machine

Implant Connector

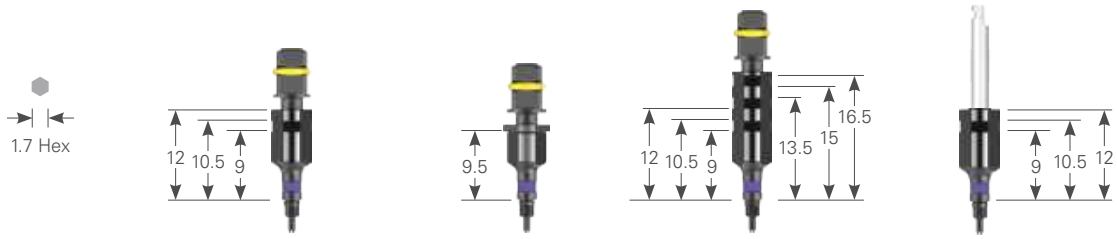
· Implant is placed according to depth of the fixture and direction of the internal hex planned in advance.
· Recommended use of UFII Narrow : 20 times / Be careful about excessive torque of 50Ncm or above.

● Sold separately

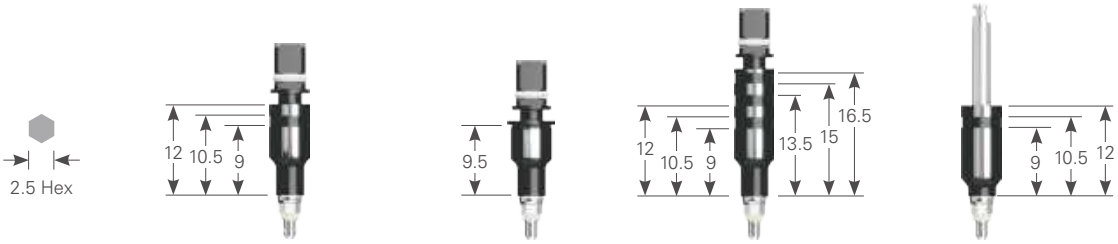
K

Unit **mm** | Scale **1 : 1**

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



UFⅡ **Narrow**	GNIC **5309**	GNIC **5309ST**	GNIC **5317**	GNICC **5309**



UFⅡ **Regular**	GIC **5309**	GIC **5309ST**	GIC **5317**	GICC **5309**

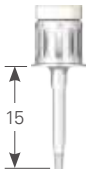
Surgical Tool

Screw Driver

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

K Hex **1.2**

Unit mm | Scale 1 : 1

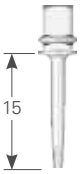
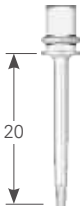
Code	MD **1222**	MD **1230**	HD **1215A**
			
Type	Machine	Machine	Ratchet

Sqaure Screw Driver

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

K Hex **1.2**

Unit mm | 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

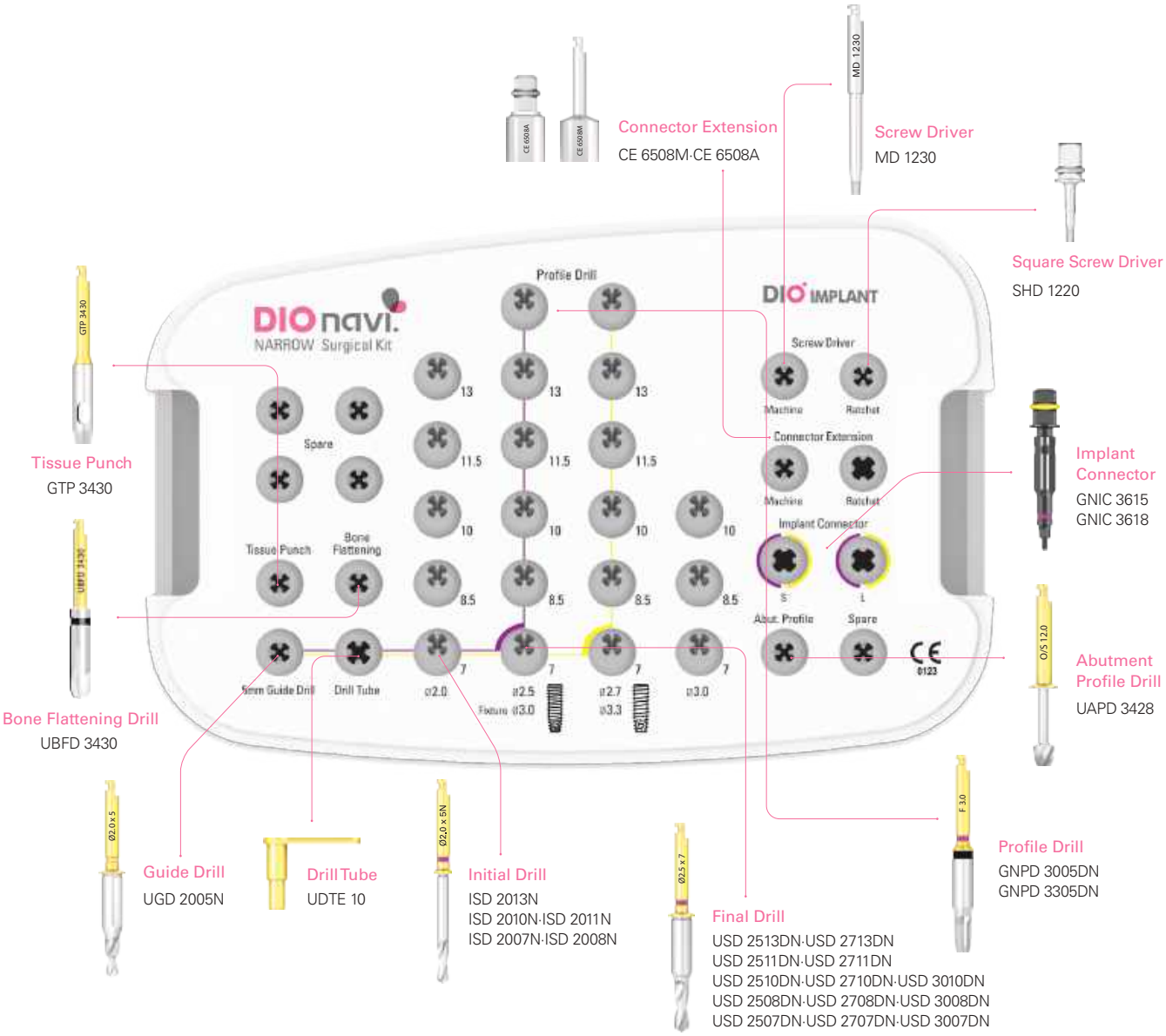
Code	DTW **0080**

DIOnavi. Narrow Kit

Kit Code | UF 14

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

Unit mm | Drill Scale 1 : 0.9



Torque Wrench
DTW 0080

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).

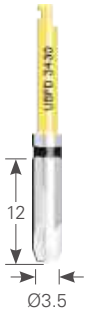
K **D Ø2.8**

Unit mm | 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 | 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.

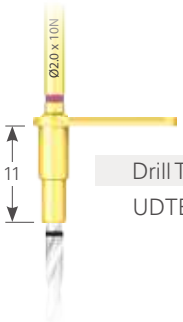
K **D Ø2.0**

Unit mm | 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.



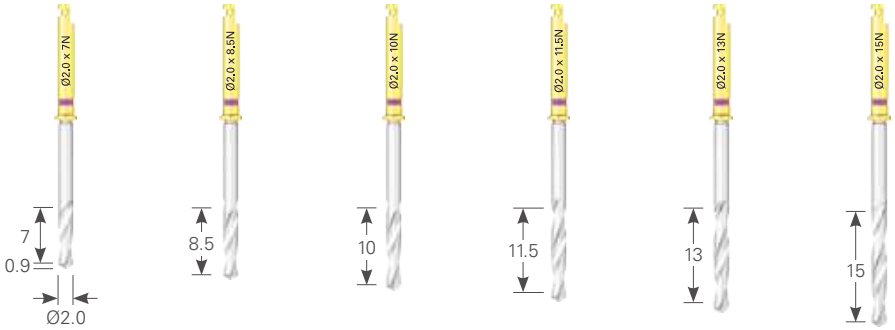
Drill Tube
UDTE **10**

● Sold separately

K D Ø2.0

Unit mm | 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 | 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 | 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 | 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 | Scale 1 : 1

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

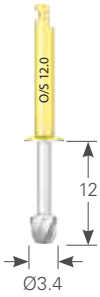
K D Ø2.9

Unit mm | 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.



K **D Ø3.4**

Unit mm | Scale 1 : 1.15

Code	UAPD **3428**

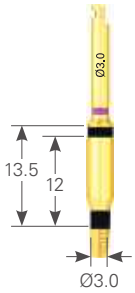
Tap Drill

· Uses 3.6 Sleeve (GSL 36YE : Yellow)

● Sold separately

K **Hex 1.7**

Unit mm | Scale 1 : 1

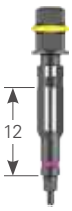
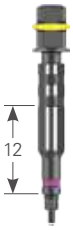
Code	GNTD **3018DN**	GNTD **3318DN**
		
Color	●	●

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.

K **Hex 1.7**

Unit mm | Scale 1 : 1

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

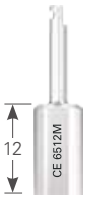
Connector Extension

· Length of the connector is extended during implant placement.

● Sold separately

K

Unit mm | Scale 1 : 1.2

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

Surgical Tool

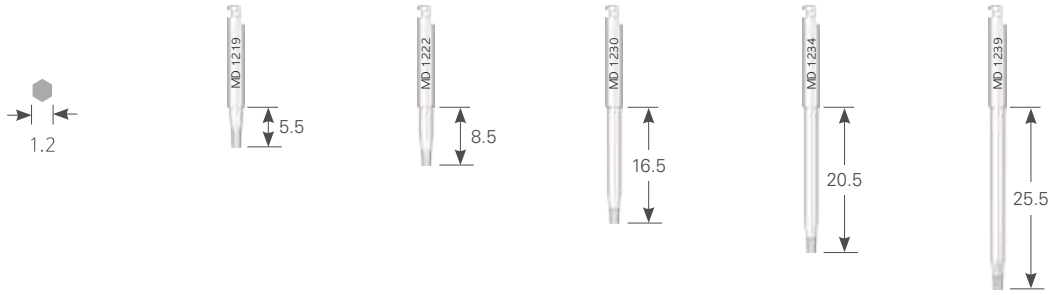
Screw Driver Machine

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

● Sold separately

K Hex 1.2 — Unit mm | Scale 1 : 1

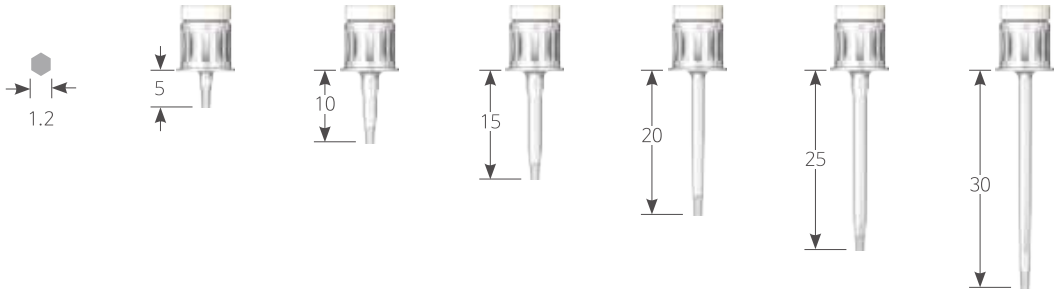
Code	MD 1219	MD 1222	MD 1230	MD 1234	MD 1239



Screw Driver Ratchet

K Hex 1.2 — Unit mm | Scale 1 : 1

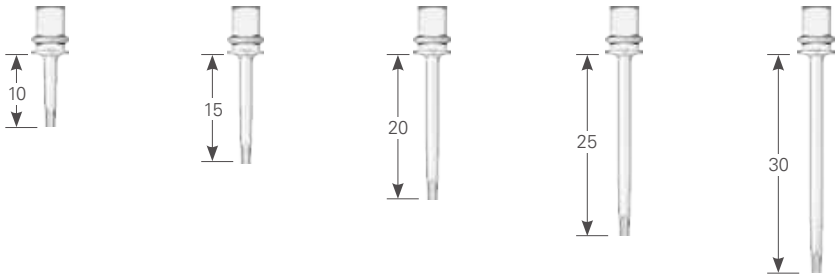
Code	HD 1205A	HD 1210A	HD 1215A	HD 1220A	HD 1225A	HD 1230A



Square Screw Driver

K Hex 1.2 — Unit mm | Scale 1 : 1

Code	SHD 1210	SHD 1215	SHD 1220	SHD 1225	SHD 1230

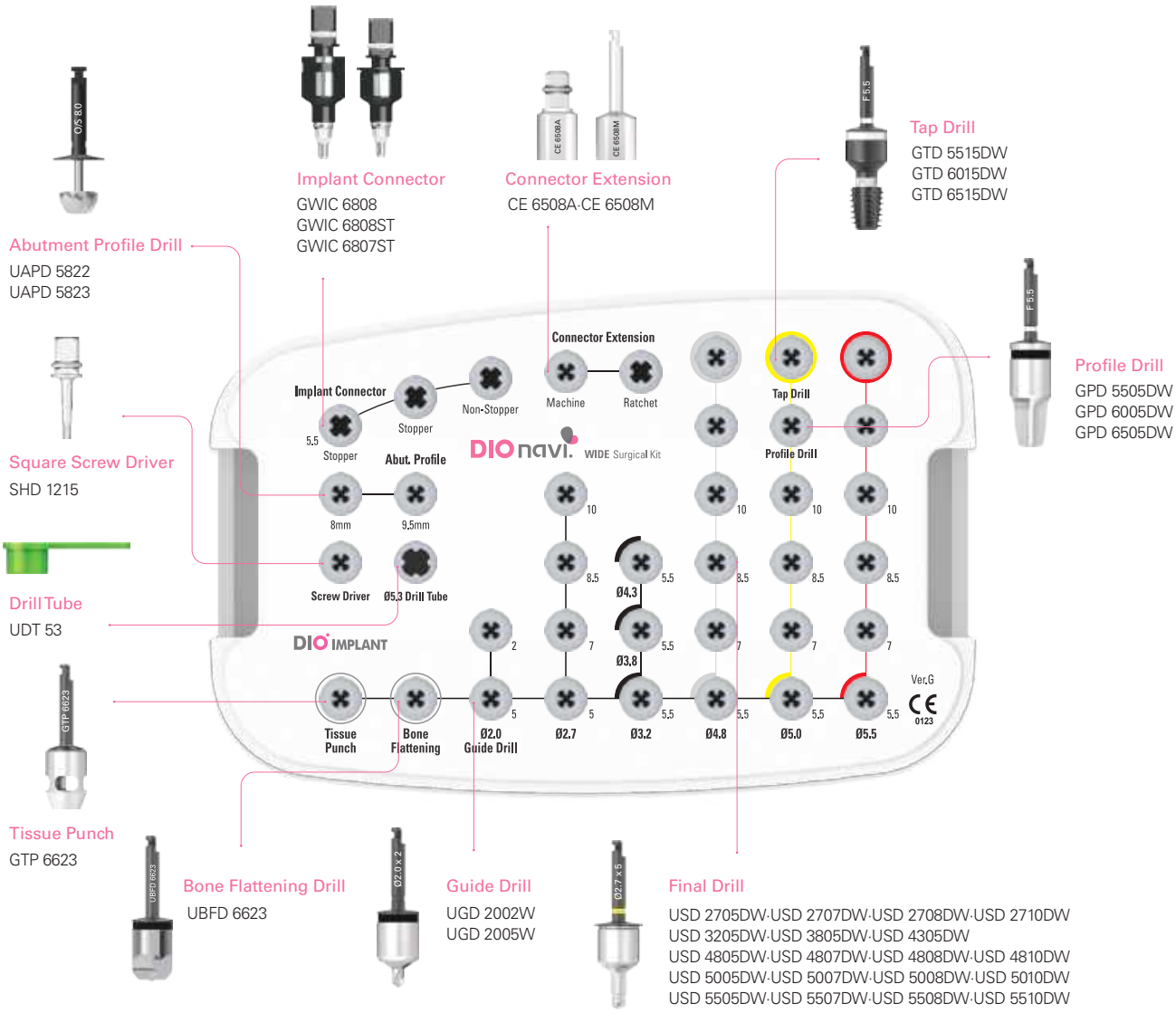


DIOnavi. Wide Kit

Kit Code | UF 11

· Kit composed of drill with outstanding cutting force and durability, etc.
· UF Ⅱ Regular Ø5.5 / UF Ⅱ Wide Ø5.9 Ø6.4 Fixture
· Guide Sleeve : GS 68GN

Unit mm | Drill Scale 1 : 0.9



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 | Scale 1 : 1.15

Code	GTP **6623**

Bone Flattening Drill

· Irregular alveolar crest surface is flattened

K

Unit mm | Scale 1 : 1.15

Code	UBFD **6623**

Drill Tube

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

K

Unit mm | 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**

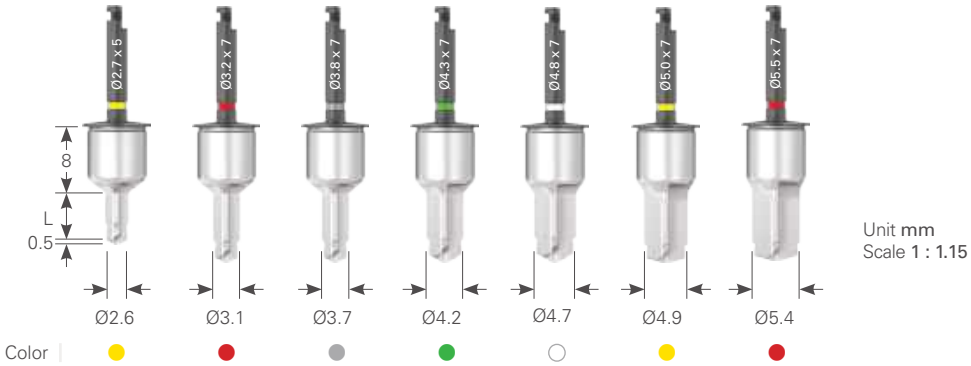
Unit mm | Scale 1 : 1

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 | 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 | 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 | 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 | Scale 1 : 1

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

Color

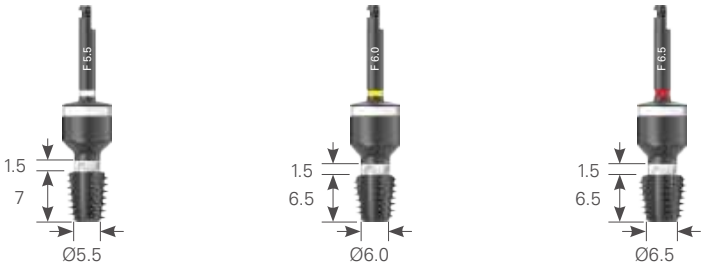
Tap Drill

· Excessive implant placement torque is prevented

K

Unit mm | 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 | 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 | Scale 1 : 1

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

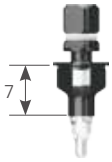
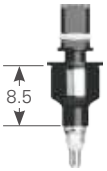
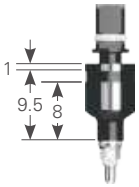
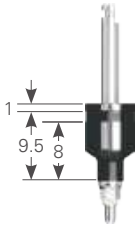
Implant Connector

· 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 | Scale 1 : 1

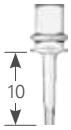
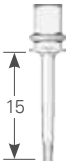
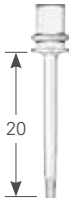
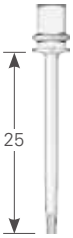
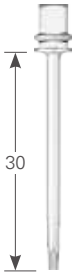
Code	GWIC **6807ST**	GWIC **6808ST**	GWIC **6808**	GWICC **6808**
				
Type	Stopper	Stopper	Non-Stopper	Machine Non-Stopper
Offset	7	8	8 / 9.5	8 / 9.5

Square Screw Driver

● Sold separately

K Hex **1.2**

Unit mm | Scale 1 : 1

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

DIOnavi. Flapless Crestal Sinus Kit

Kit Code | SMK 02

Unit mm | Drill Scale 1 : 0.9

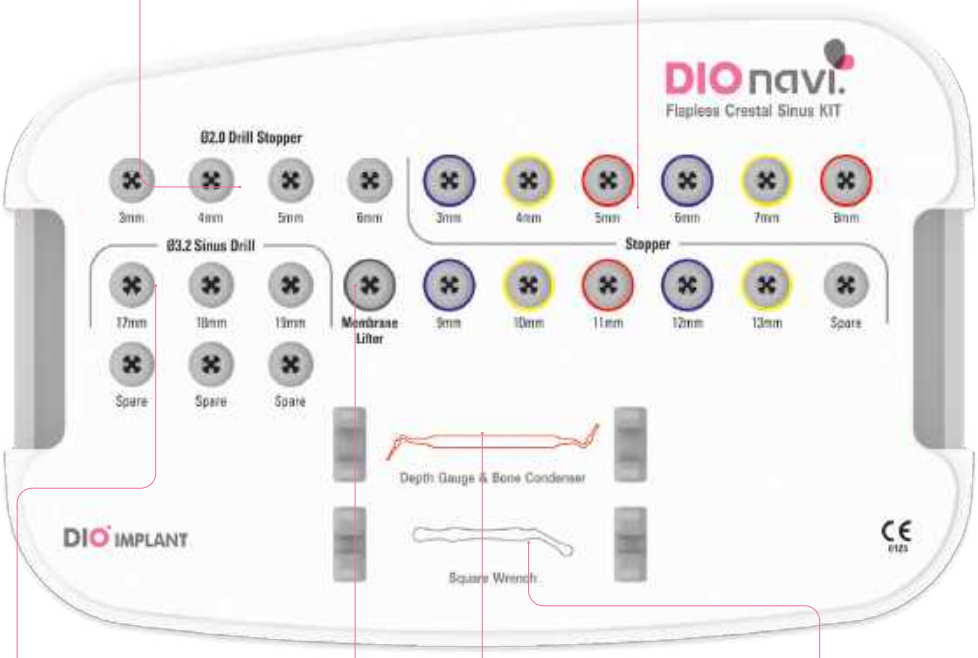
Ø3.2 Drill Stopper

GST 03BL | GST 04YE | GST 05RD | GST 06BL | GST 07YE | GST 08RD

GST 09BL | GST 10YE | GST 11RD | GST 12BL | GST 13YE

Ø2.0 Drill Stopper

GST 2030BL | GST 2040YE | GST 2050RD | GST 2060BL



Sinus Drill

GSRD 3217
GSRD 3218
GSRD 3219

Membrane Lifter

WML 6627

Square Wrench

DSW 050

Depth Gauge & Bone Condenser

GSDB 2619

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 | Scale 1 : 1

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

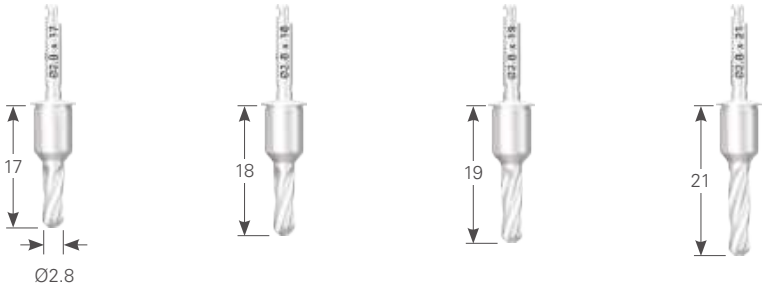
Sinus Round Drill

· 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 (50rpm)

K **D Ø2.8**

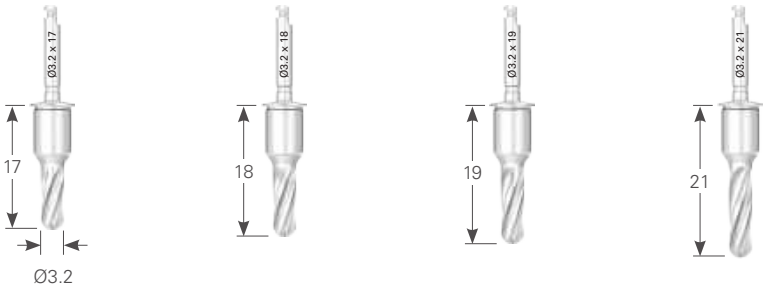
● Sold separately
Unit mm | Scale 1 : 1

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 | 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

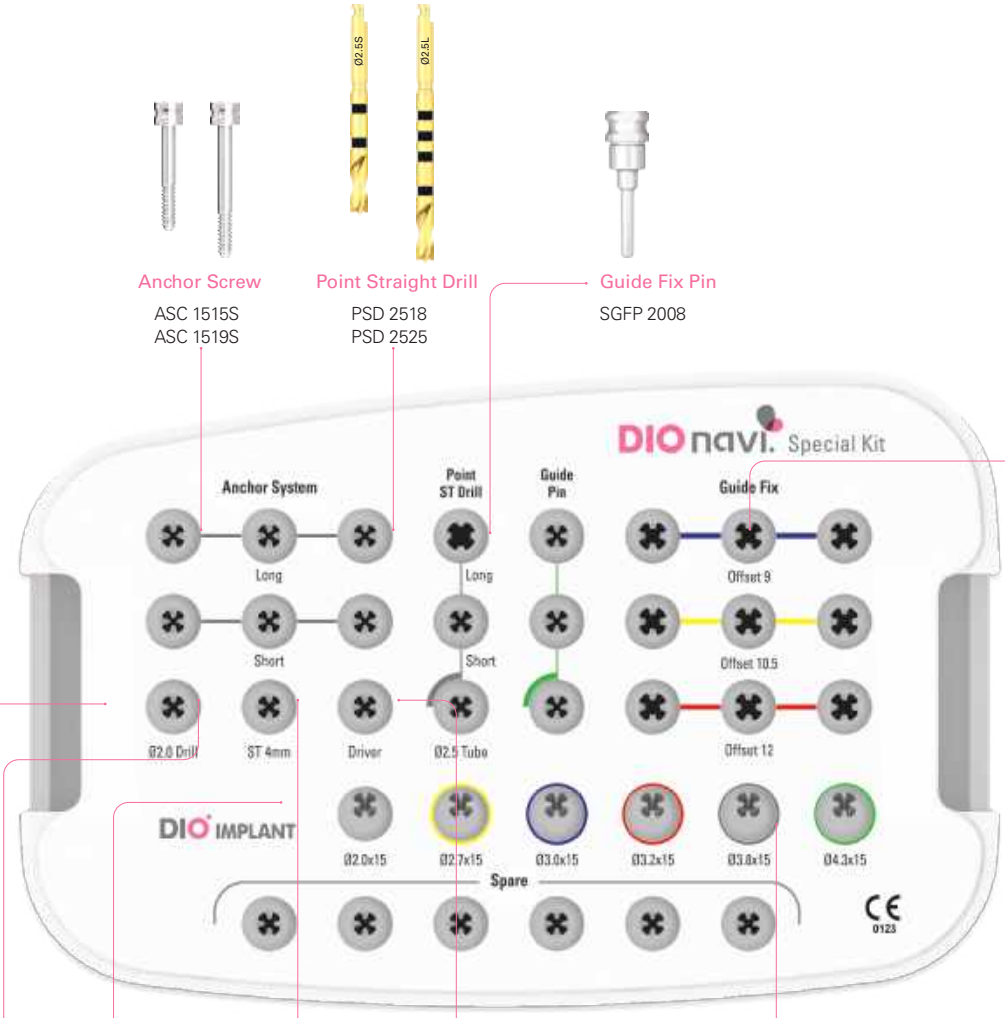
Code	MLT **40300**

DIOnavi. Special Kit

Kit Code | SGF 02

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

Unit mm | Drill Scale 1 : 0.9



Anchor Screw
ASC 1515S
ASC 1519S

Point Straight Drill
PSD 2518
PSD 2525

Guide Fix Pin
SGFP 2008

Surgical Guide Fix
SGF 6309
SGF 6310
SGF 6312

Anchor Drill
AD 2019

Stopper
GST 2040YE

Anchor Screw Driver
ASD 2513

Drill Tube
UDT 25

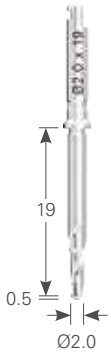
Straight Drill
USD 2715·USD 3015
USD 3215·USD 3815
USD 4315

Initial Drill
ISD 2015

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 | 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 | Scale 1 : 1.15

Code	GST **2040YE**

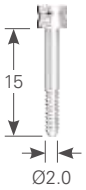
Anchor Screw

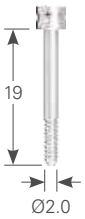
· Used to connect the anchor screw using an anchor screw driver for ratchet

K **D Ø2.0**

Unit mm | 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 | Scale 1 : 1.15

Code	ASD **2513**

Surgical Tool

Initial Drill

· Utilized to establish the initial drilling hole

K **D Ø2.0**

Unit mm | Scale 1 : 1.15

Code	ISD **2015**

Drill Tube

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

K

Unit mm | Scale 1 : 1.2

Code	UDT **25**

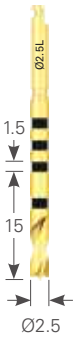
Point Straight Drill

· 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 | 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 | Scale 1 : 1.15

Code	SGFP **2008**

Surgical Tool

Straight Drill

K Length **15**

Unit mm | Scale 1 : 1

Code	USD **2715**	USD **3015**	USD **3215**	USD **3815**	USD **4315**
	15 0.5 Ø2.6	Ø2.9	Ø3.1	Ø3.7	Ø4.2
Color					

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 | 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

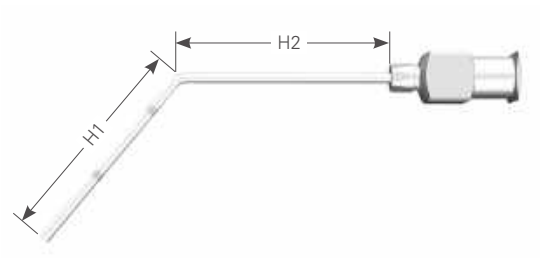
Unit mm

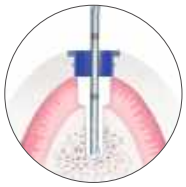
Code	NP **01**

Surgical Tool

Metal Needle

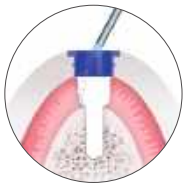
· Place the Metal needle tip deep into the osteotomy site, in order to prevent any damage caused by over-heating of the bone and complete removal of remaining tissues and particles at drilled bone cavity.
· Recommended capacity of the syringe : 30~50cc (Refrigerate before surgery)





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

● Sold separately

K

Unit mm | Scale 1 : 1.15

Code	MNTE	MNTL
Height 1	30	25
Height 2	50	25

Bone Profile Drill

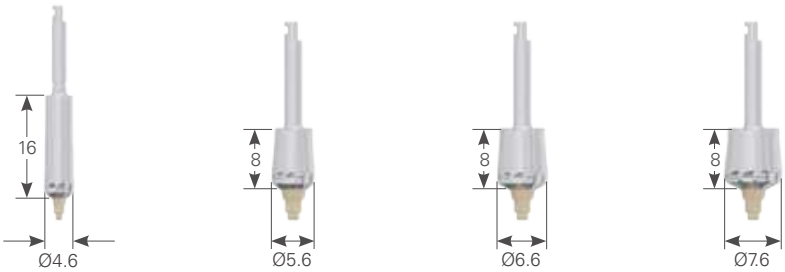
· When connecting abutment (healing) after implant placement, It is necessary to contour the bone for proper seating of the abutments.(to contour bone to allow for a wider emergence profile restoration)
· To flatten and remove bone that has grown around or over an implant which impedes its restoration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

● Sold separately

K

Unit mm | Scale 1 : 1

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



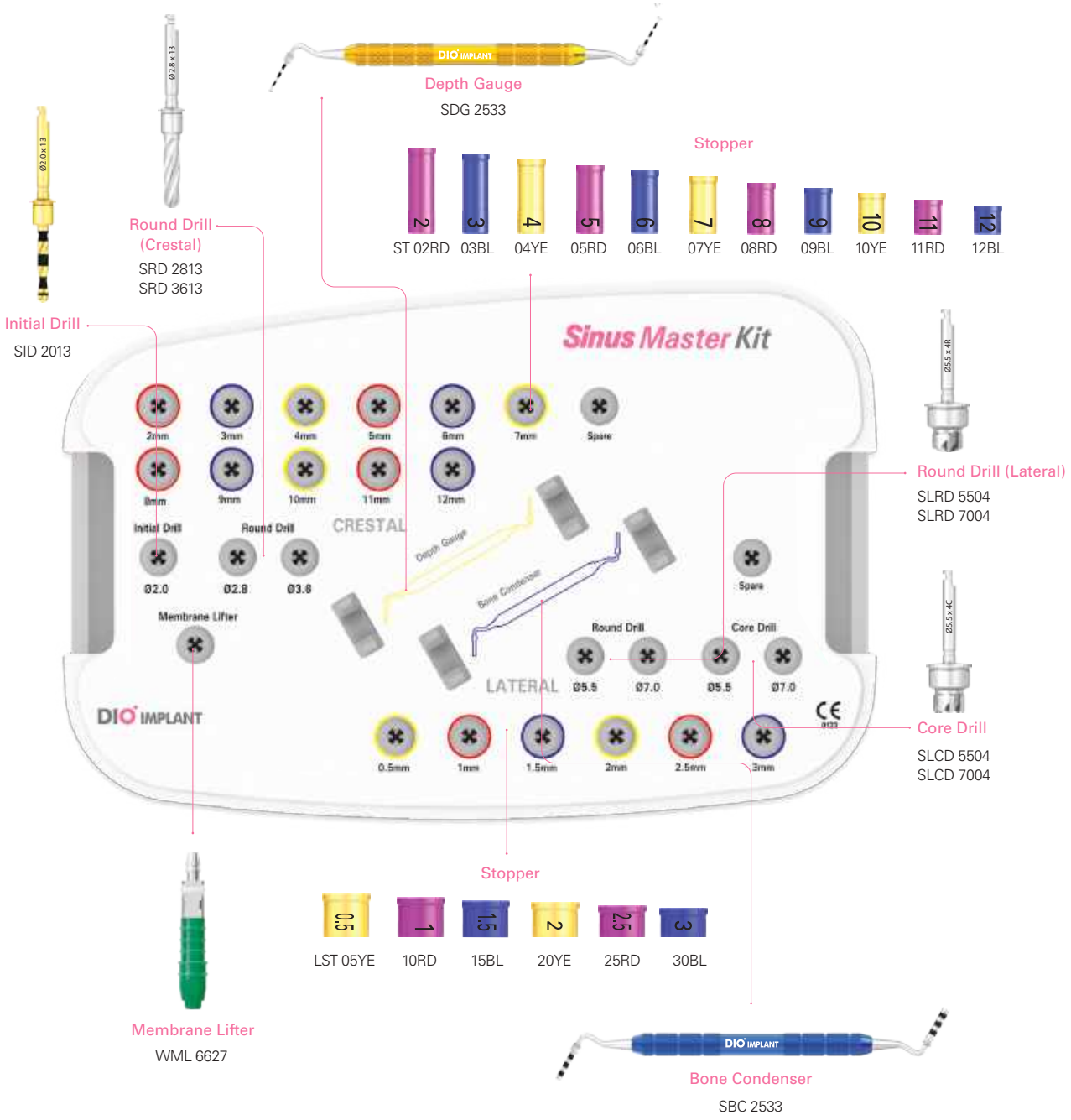
Instrument Kits

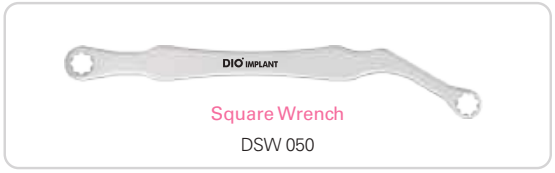
Sinus Master Kit

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

Unit mm | Drill Scale 1 : 0.9

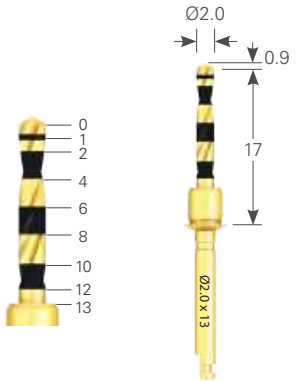




Surgical Tool Crestal

Ø2.0 Intial Drill

· Utilized to establish the initial drilling hole



K **D Ø2.0**

Unit mm | Scale 1 : 1.2

Code	SID **2013**

Round Drill

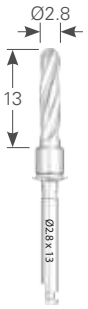
· A drill exclusively designed for the Sinus Crestal approach

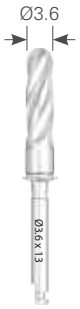
※ The drill tip is designed with a rounded shape to provide protection to the membrane during use

K Length **13**

Unit mm | Scale 1 : 1.2

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





Stopper

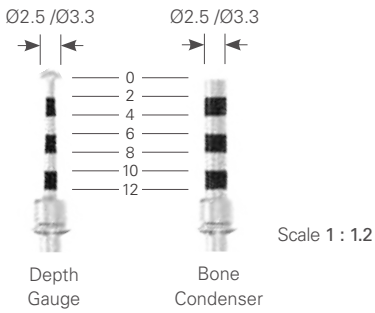
· Stopper must be used for adjusting depth of the drill. It is distinguished by color and number

K

Unit mm | 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

● Sold separately

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 | 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 | 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 | Scale 1 : 1

Code	LST 05YE	10RD	15BL	20YE	25RD	30BL
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

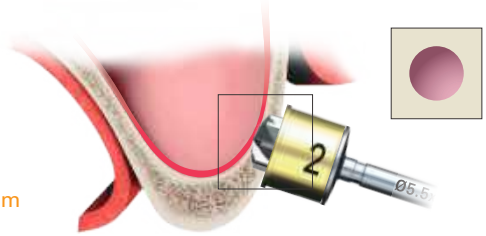
· Round drill or core drill can be selected. The membrane can be lifted and based on low-speed drilling (50~100rpm) and stopper.

Drilling Round Drill

Rounded tip to perform drilling

Caution

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

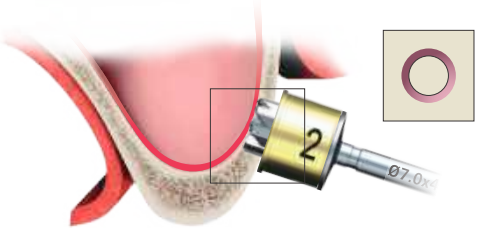


Drilling Core Drill

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.

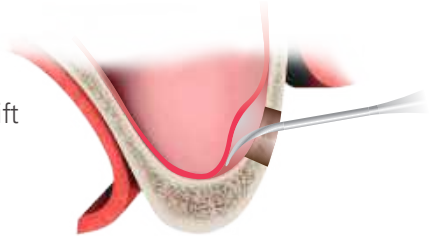
Caution

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



Lifting of the sinus membrane Sinus Lift

Lifting of the membrane on the lateral side



Surgical Protocol

Crestal Approach Technic

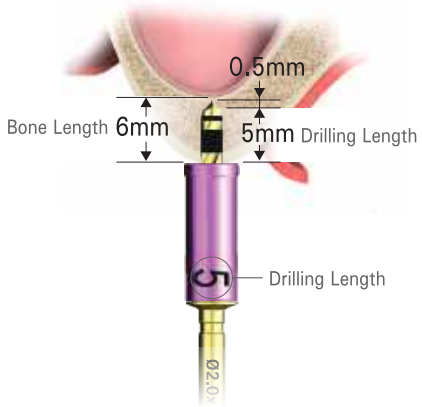
· Sinus Technic based on low-speed drilling (50~100rpm) and stopper that perforates the inferior cortical wall and lifts the membrane

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

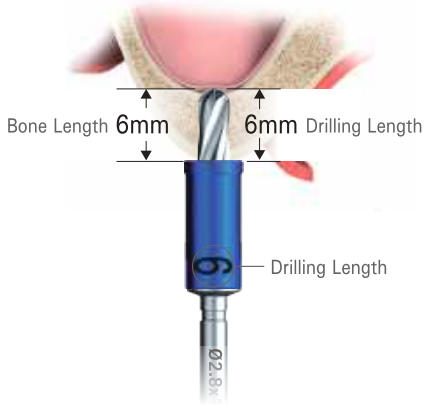


Sinus drill to perforate the bone underneath the maxillary sinus

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

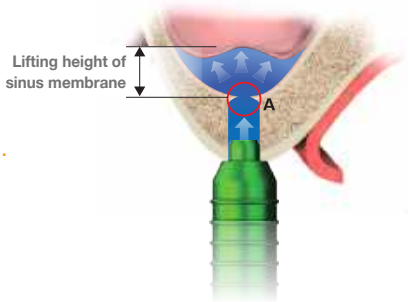
If pressure can be felt during injection of saline solution,
the membrane is lifted and the pressure drops and saline solution injected.

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

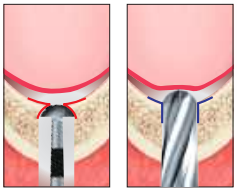
If negative pressure results after asipration of injected saline solution mixed with blood, the membrane is fully lifted.



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

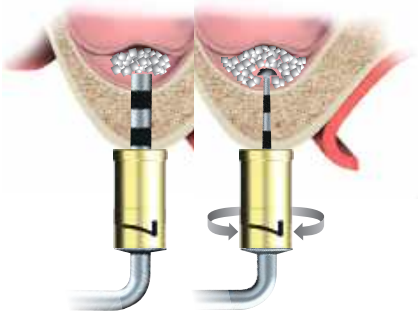
The stopper must be used to adjust depth.
Non-irrigation, low-speed drilling at 50rpm.

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

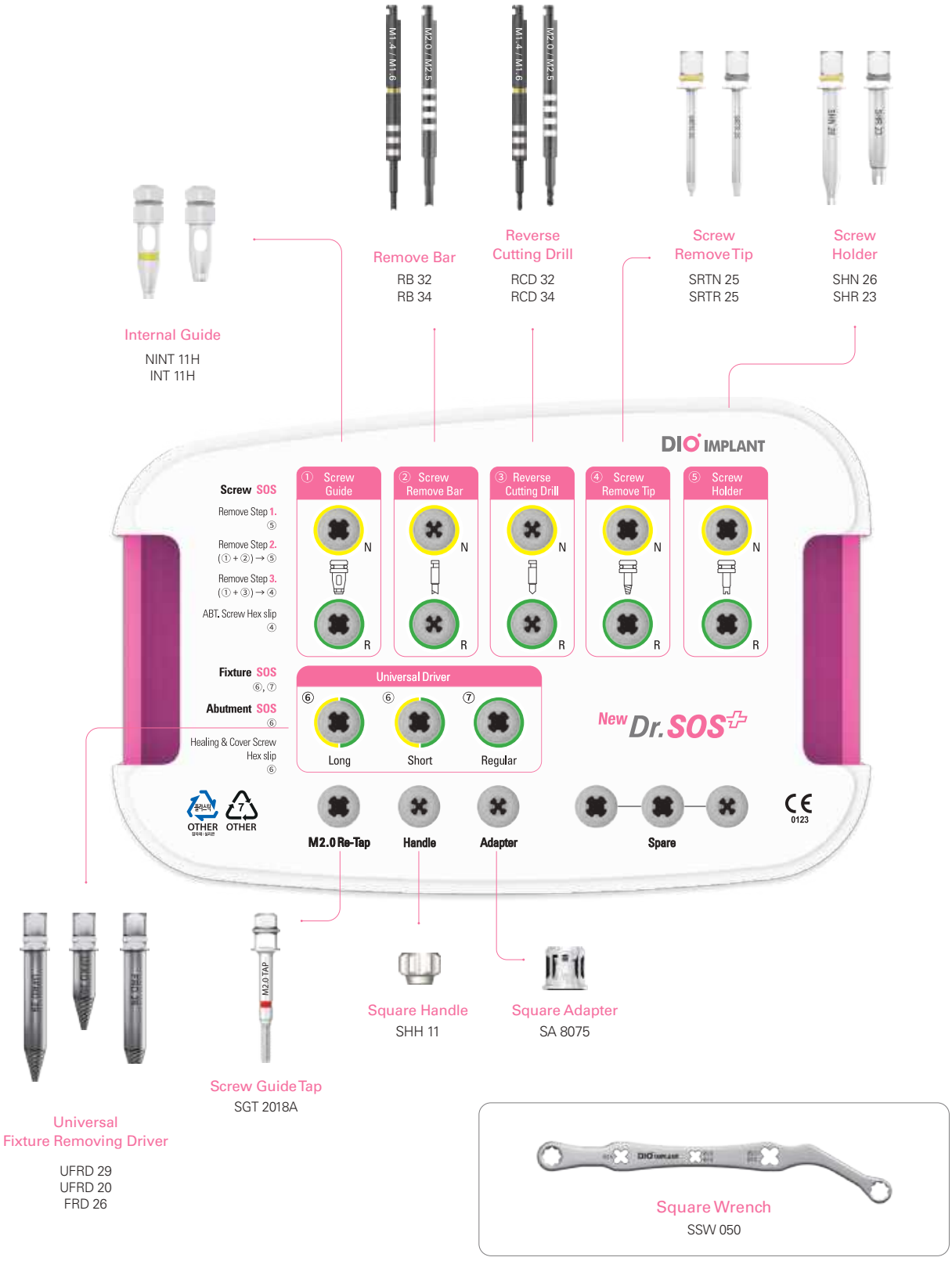
If remaining bone is very thin with thickness of 3mm or less and initial fixing of impalnt fails, only bone graft on the maxillary sinus is performed without implant placement.

New Dr.SOS+ Kit

Kit Code | 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 safely and quickly.

Unit mm | Drill Scale 1 : 0.9



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**
	2.4	2.7	3.4

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 | 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 | 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**

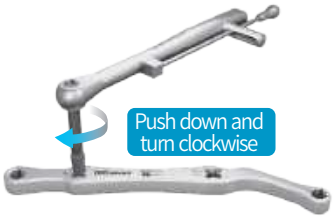
Square Handle

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 | 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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DIO IMPLANT

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