Ver 5.5(CE)

Revision Nov. 2023

UF / UFII Internal Submerged System Product Catalog

UF / UFII Internal Submerged System

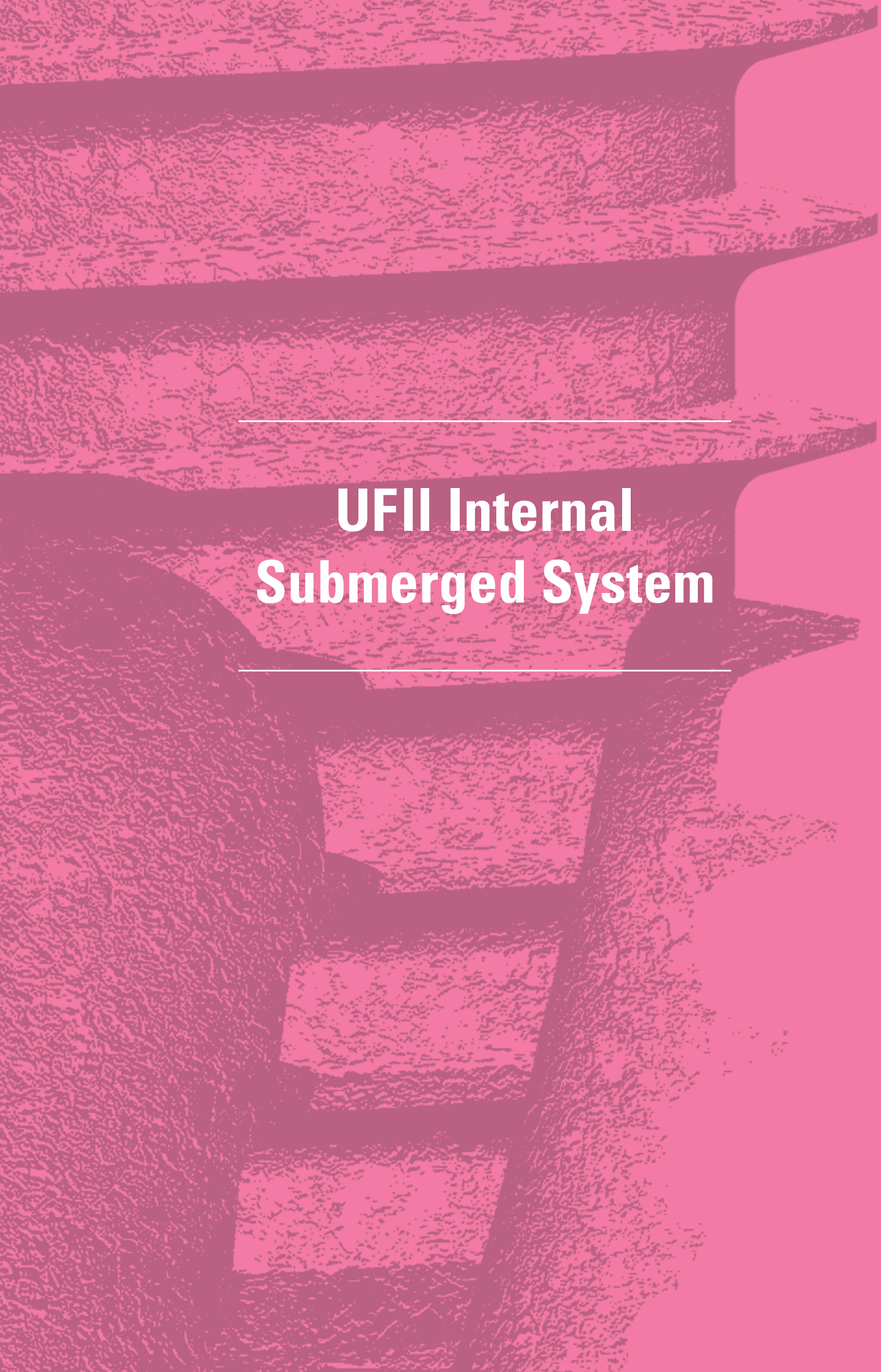
- **UF** Internal Submerged System
- **UFII** Internal Submerged System
- **UF / UFII** Kits
- **DIOnavi.** Kits

DIO IMPLANT

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

UF / UFII Internal Submerged System

UF Int. Submerged System	010
UFII Int. Submerged System	014
UFII Master Kit	080
UFII Surgical Kit	081
UFII Narrow Kit	093
UFII Wide Kit	097
DIOnavi. Kits	108



UFII Internal Submerged System

UF / UFII Internal Submerged System

N Narrow

017
UF Ⅱ Narrow Fixture
Ø3.0 Ø3.3

021
Cover Screw

022
Healing Abutment

Cement / Screw - Retained Restorations

028
Pick-up Impression Coping

029
Transfer Impression Coping

030
Fixture Analog

030
Temporary Abutment

031
Cemented Abutment

034
Angled Abutment

035
UCLA CCM Abutment

Cement - Retained Restorations

037
Solid Abutment

038
Protect Cap

038
Impression Cap

039
Solid Abutment Analog

039
Plastic Coping

Overdenture - Retained Restorations

047
Ball Abutment

048
Ball Abutment Analog

048
Retainer

048
Ball Cap

048
O-Ring

049
OT Cap

049
Stainless Steel Housing

049
Insertion Tool For Caps

049
Remove Tool For Caps

050
Locator Abutment

051
Replacement Male

051
Extended Replacement Male

051
Male Package

052
Denture Cap

052
Black Processing Male

052
Block-Out Spacer

053
Locator Core Tool

053
Locator Square Drive Torque Wrench Driver

Cement / Screw - Retained Restorations

055 Multiunit Abutment

055 Multiunit Screw Driver

055 Transfer Impression Coping

056 Conical Abutment

056 Healing Cap

056 Pick-up Impression Coping

056 Abutment Analog

057 Temporary Cylinder

057 Plastic Cylinder

057 Cylinder Screw Conical Screw Driver

R Regular W Wide

013 **UF** Regular Ø3.8/4.0/4.5/5.0 — Ø3.8 Ø5.0

018 **UF II** Regular Ø3.8/4.0/4.5/5.0/5.5 Wide Ø5.9/6.4/6.9 — Ø3.8 Ø5.5

021 Cover Screw

021 Bone Forming Cover Screw

023 Healing Abutment

Cement / Screw - Retained Restorations

028 Pick-up Impression Coping

029 Transfer Impression Coping

030 Fixture Analog

030 Temporary Abutment

031 Cemented Abutment

033 Mill Abutment

034 Angled Abutment

035 UCLA CCM Abutment

035 UCLA Plastic Abutment

Cement - Retained Restorations

037 Solid Abutment

038 Protect Cap

038 Impression Cap

039 Solid Abutment Analog

039 Plastic Coping

Screw - Retained Restorations

041 Octa Abutment

041 Healing Cap

042 Pick-up Impression Coping

042 Transfer Impression Coping

042 Octa Abutment Analog

UF / UFII Internal Submerged System

Cement / Screw - Retained Restorations

043 Temporary Cylinder

043 Cemented Cylinder

044 Plastic Cylinder

Overdenture - Retained Restorations

047 Ball Abutment

048 Ball Abutment Analog

048 Retainer

048 Ball Cap

048 O-Ring

049 OT Cap

049 Stainless Steel Housing

049 Insertion Tool For Caps

049 Remove Tool For Caps

050 Locator Abutment

051 Replacement Male

051 Extended Replacement Male

051 Male Package

052 Denture Cap

052 Black Processing Male

052 Block-Out Spacer

053 Locator Core Tool

053 Locator Square Drive Torque Wrench Driver

Cement / Screw - Retained Restorations

055 Multiunit Abutment

055 Multiunit Screw Driver

055 Transfer Impression Coping

056 Conical Abutment

056 Healing Cap

056 Pick-up Impression Coping

056 Abutment Analog

057 Temporary Cylinder

057 Plastic Cylinder

057 Cylinder Screw Conical Screw Driver

Screw - Retained Restorations

059 Multiunit Straight Abutment

059 Multiunit Angled Abutment

060 Healing Cap

060 Pick-up Impression Coping

060 Transfer Impression Coping

060
H-Scanbody

061
Scan
Adapter

061
Multi Angled
Abutment
Jig

062
Cemented
Cylinder

062
Plastic
Cylinder

062
Temporary
Cylinder

063
Cylinder
Screw

063
Abutment
Analog

063
Digital
Analog

UF / UFII Internal Submerged System

Digital Materials

Digital Abutment

065
Lower Incisor
Narrow
Angled
Abutment

066
Upper Incisor
Narrow
Angled
Abutment

067
Upper Incisor
Angled
Abutment

068
Canine
Angled
Abutment

069
Pre-Molar
Angled
Abutment

070
Molar
Angled
Abutment

H-Scanbody

073
UF Ⅱ Int. Sub.

Scan Adapter

075
UF Ⅱ
Int. Sub.
Narrow

075
UF Ⅱ
Int. Sub.
Regular
Wide

Scan Retractor

076
Scan
Retractor

076
Wax
Denture

076
Marker

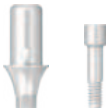
Pre-Milled Bar

077
UF Ⅱ
Int. Sub.
Narrow

077
UF Ⅱ
Int. Sub.
Regular
Wide

Hybrid Link

078
UF Ⅱ
Int. Sub.
Narrow



078
UF Ⅱ
Int. Sub.
Regular
Wide

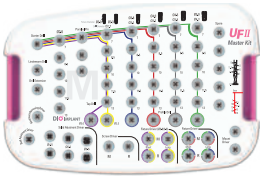
Digital Fixture Analog

079
UF Ⅱ
Int. Sub.
Narrow

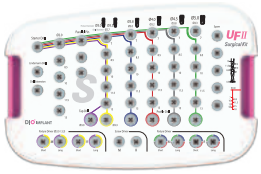
079
UF Ⅱ
Int. Sub.
Regular
Wide

Surgical Kit

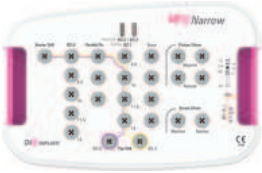
080
UF II Master Kit
UF 06



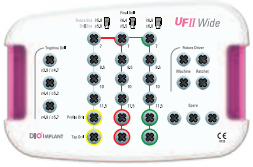
081
UF II Surgical Kit
UF 07



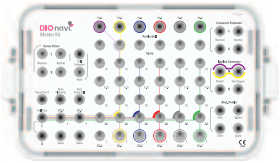
093
UF II Narrow Kit
UF 08



097
UF II Wide Kit
UF 09



108
DIOnavi. Master Kit
UF 05



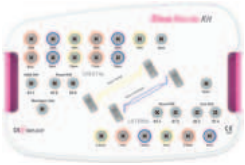
117
DIOnavi. Narrow Kit
UF 14

123
DIOnavi. Wide Kit
UF 11

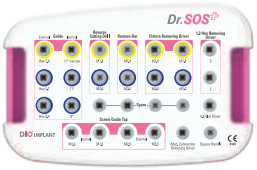
129
DIOnavi. Flapless Crestal Sinus Kit
SMK 02

133
DIOnavi. Special Kit
SGF 02

139
Sinus Master Kit
SMK 01



146
D r.SOS+ Kit
DRS 02

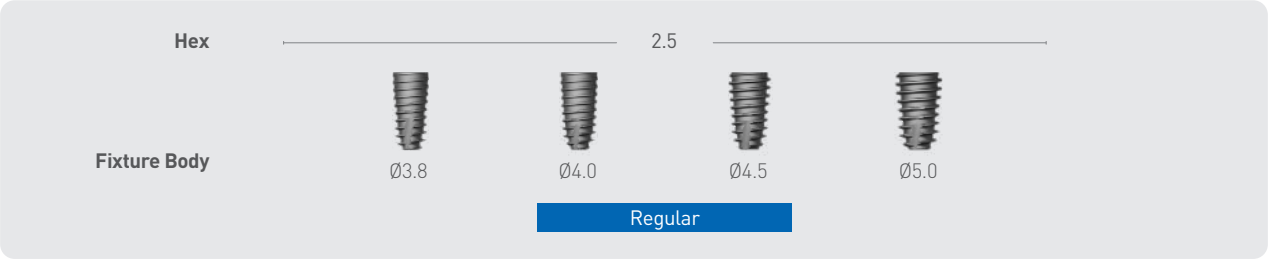


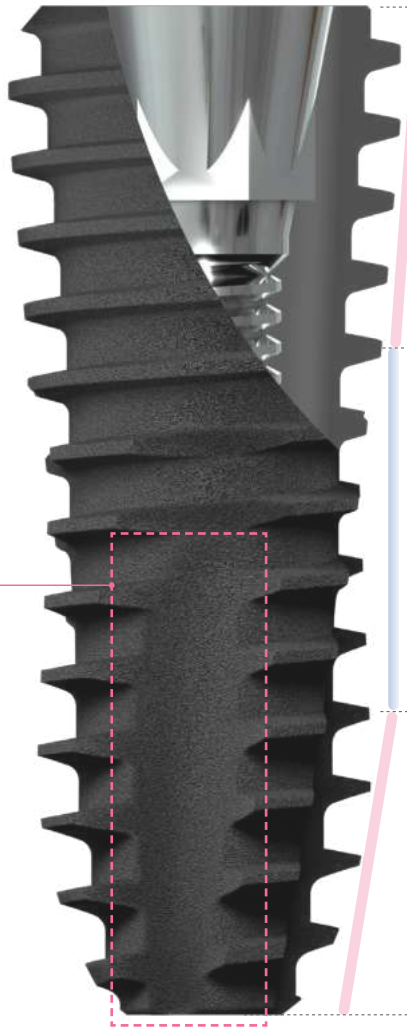
UF Int. Submerged System

Surface Treatment Feature

Hybrid Type SLA Implant

UFImplant





Sharp Cutting Edge

The sharp cutting edge can increase the self-tapping efficiency with minimal drilling.

Tapered Body, Tapered Thread

Tapered thread aids initial fixation

Tapered thread is applied to the tapered body to effectively disperse stress that is applied on the top of the fixture. The depth of the thread is gradually reduced as it goes to the top to decrease bone heating on the cortical bone.

Straight Body

Decreases Bone Damage

The change in the body length changed the length of the fixture, so it can be placed stably just like a straight type implant.

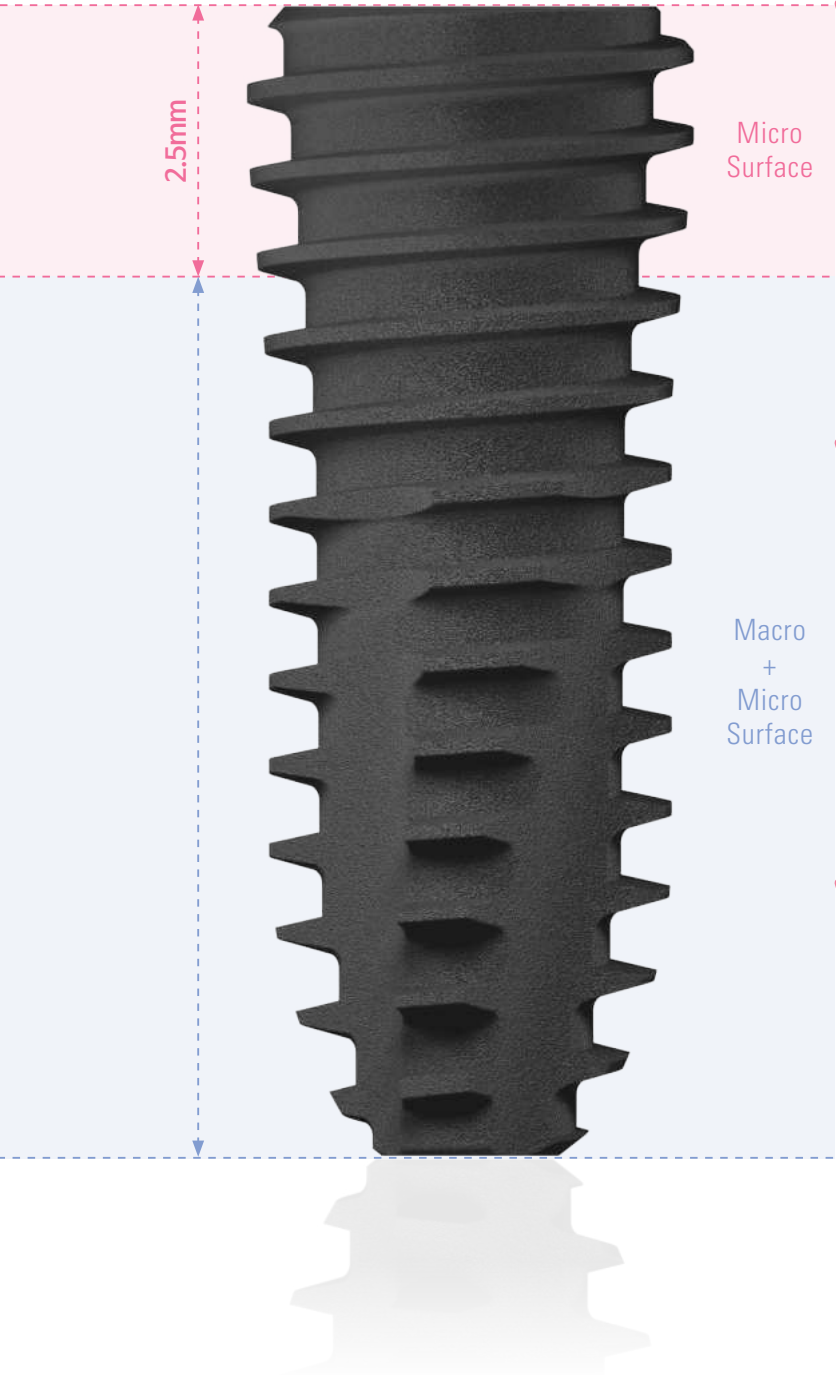
Long Tapered Apex

Gradually Tapered Guide

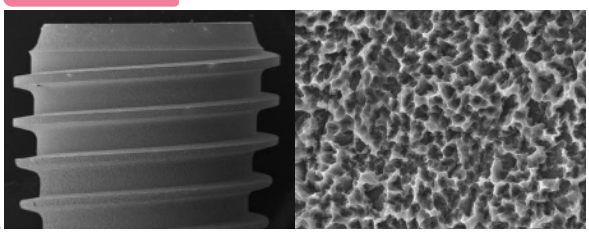
Tapered section is designed at length, so it is easy for initial entry at soft bone with under drilling.

Hybrid Type SLA Implant

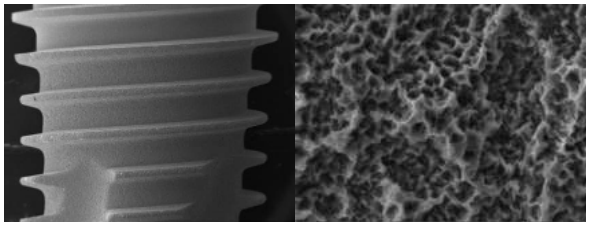
UF Implant Surface HSA



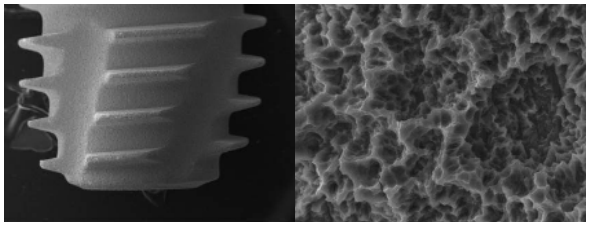
Upper



Body



Apex

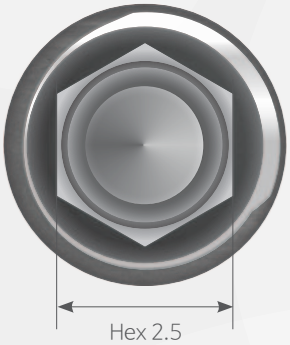


UF Int. Submerged System

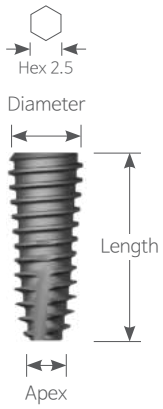
UF Regular

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

HSA



Regular Fixture



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

R D Ø3.8 Hex 2.5 Apex Ø1.4

Unit mm I Scale 1 : 1.2

Length	7	8.5	10	11.5	13
HSA	-	UF 3808SF	UF 3810SF	UF 3811SF	UF 3813SF

R D Ø4.0 Hex 2.5 Apex Ø1.6

Length	7	8.5	10	11.5	13
HSA	UF 4007SF	UF 4008SF	UF 4010SF	UF 4011SF	UF 4013SF

R D Ø4.5 Hex 2.5 Apex Ø1.6

Length	7	8.5	10	11.5	13
HSA	UF 4507SF	UF 4508SF	UF 4510SF	UF 4511SF	UF 4513SF

R D Ø5.0 Hex 2.5 Apex Ø2.0

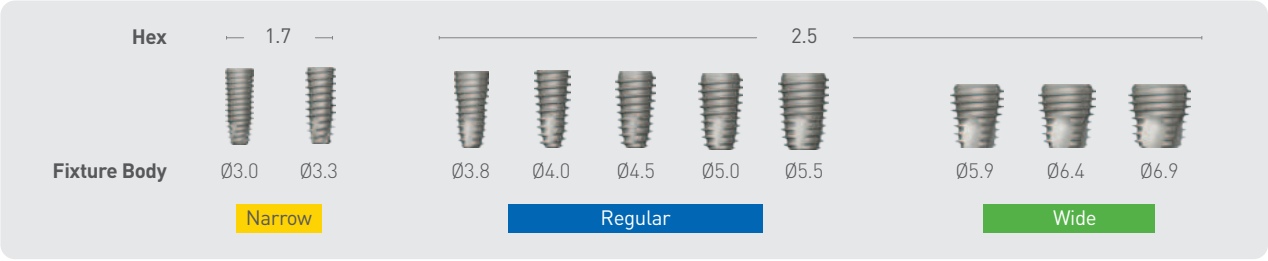
Unit mm I Scale 1 : 1.2

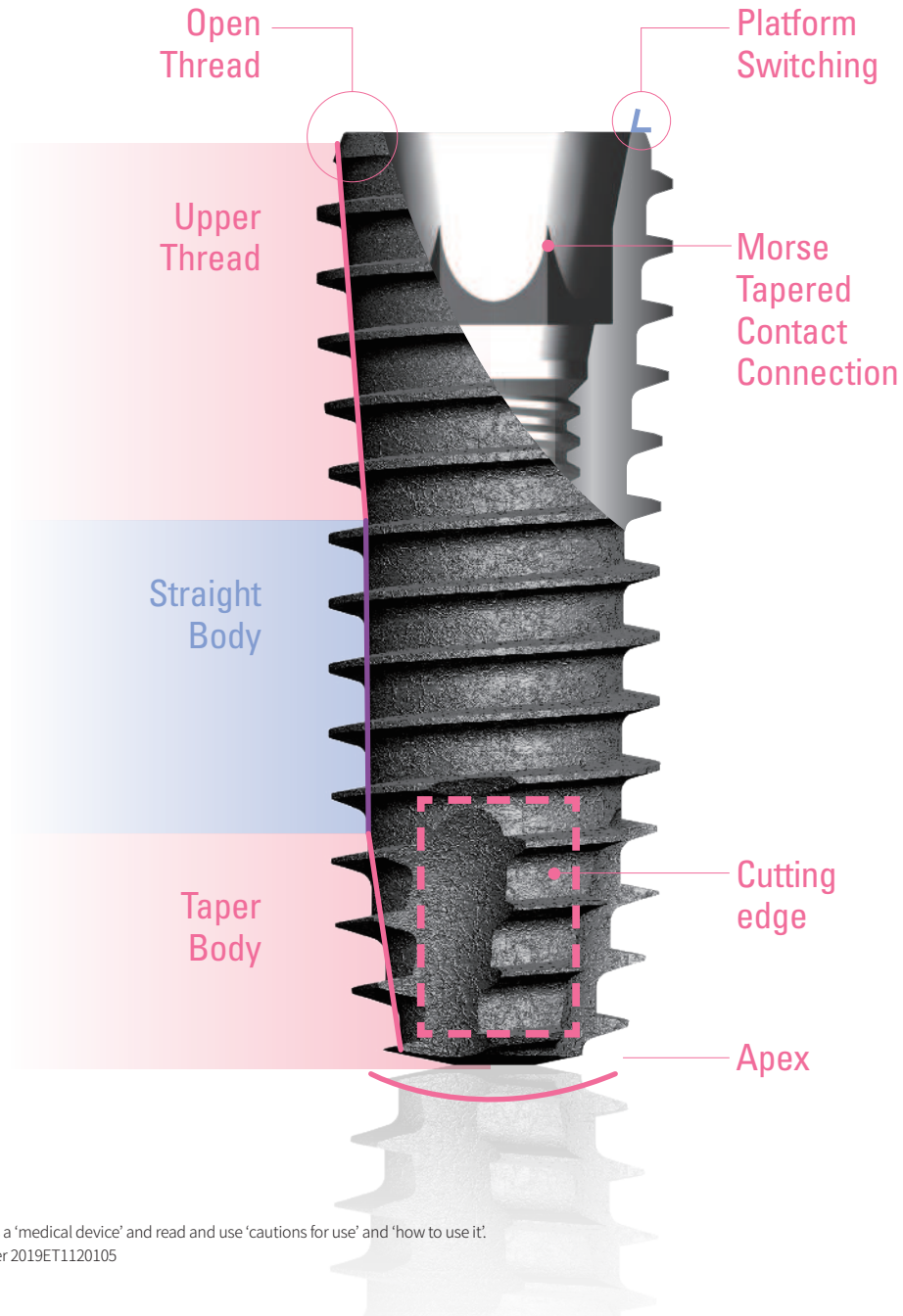
Length	7	8.5	10	11.5	13
HSA	UF 5007SF	UF 5008SF	UF 5010SF	UF 5011SF	UF 5013SF

UFII Int. Submerged System

Hybrid Type SLA Implant

UFⅡ Implant

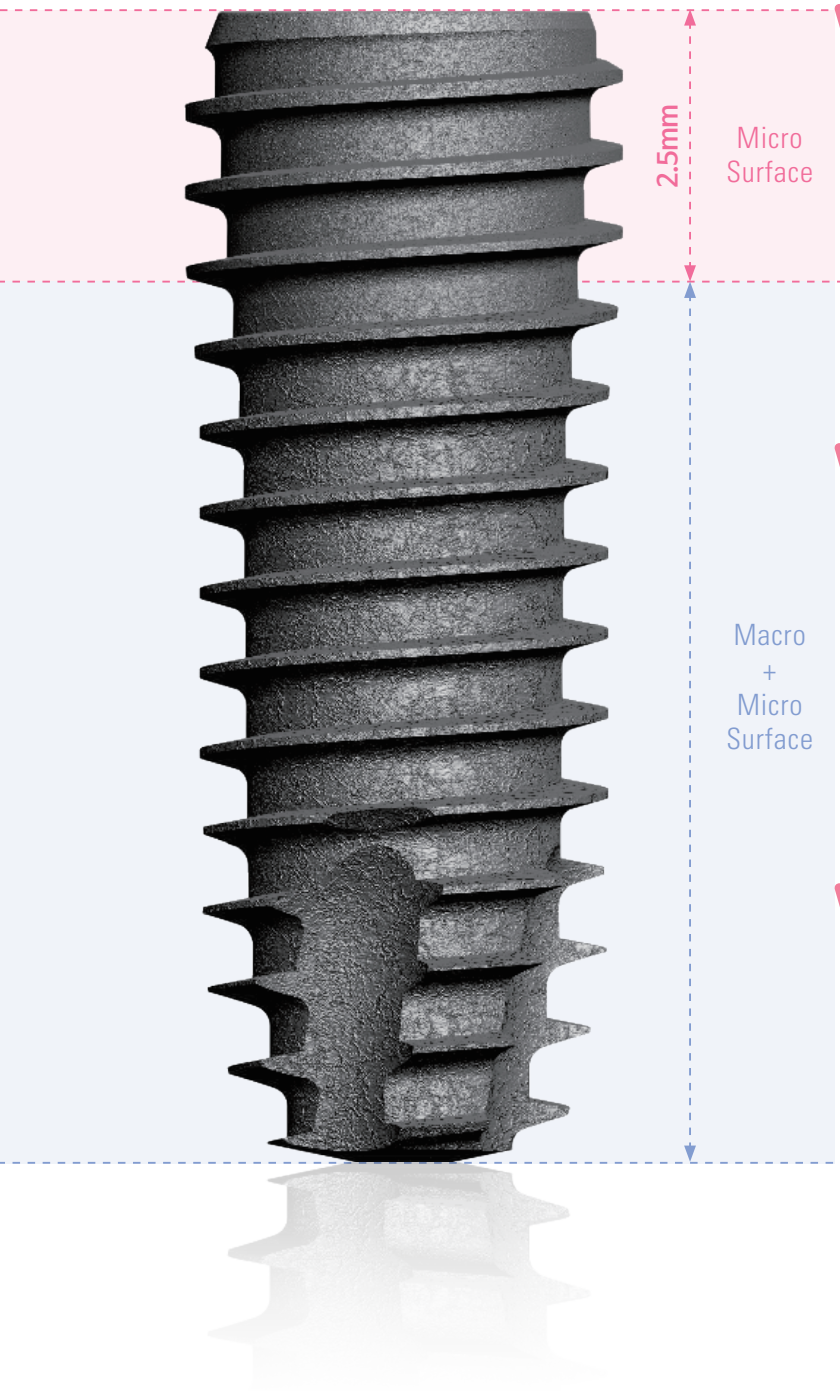




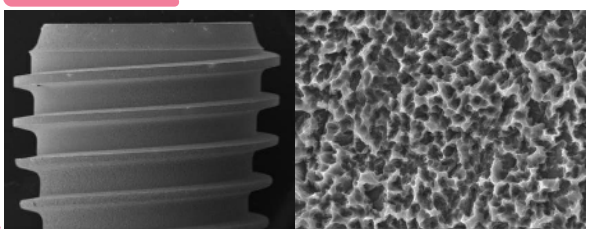
※ This product is a 'medical device' and read and use 'cautions for use' and 'how to use it'.
Review number 2019ET1120105

Hybrid Type SLA Implant

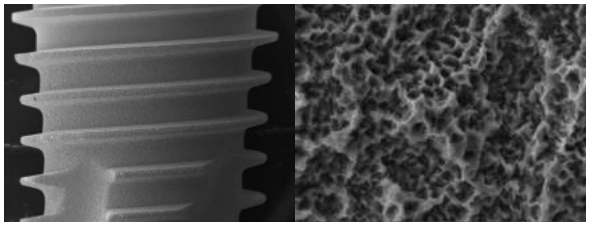
UFⅡ Implant Surface HSA



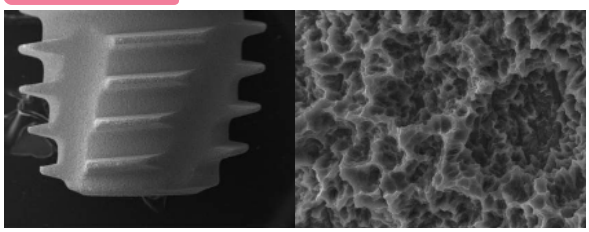
Upper



Body



Apex



UFⅡ Internal Submerged System

UFⅡ Narrow

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

HSA | UV Active

UFⅡ Regular

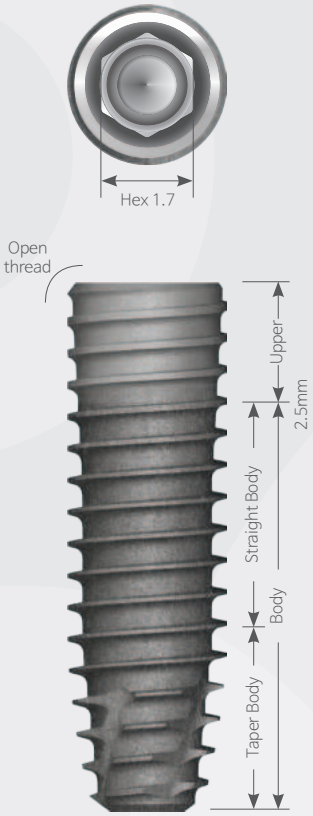
D Ø3.8 | Ø4.0 | Ø4.5 | Ø5.0 | Ø5.5
L 7 | 8.5 | 10 | 11.5 | 13 | 15

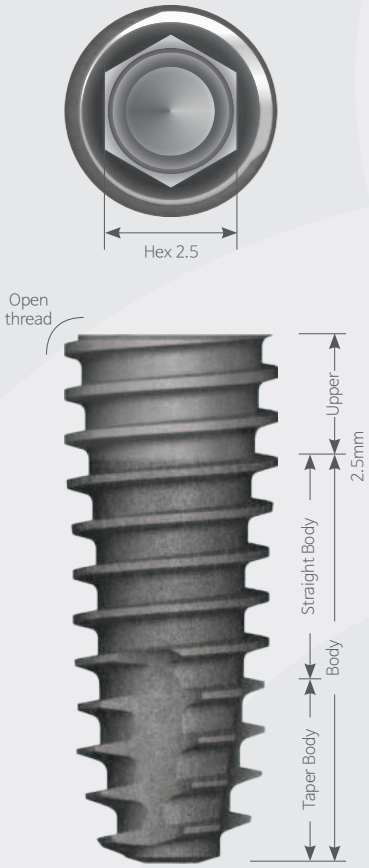
HSA | UV Active

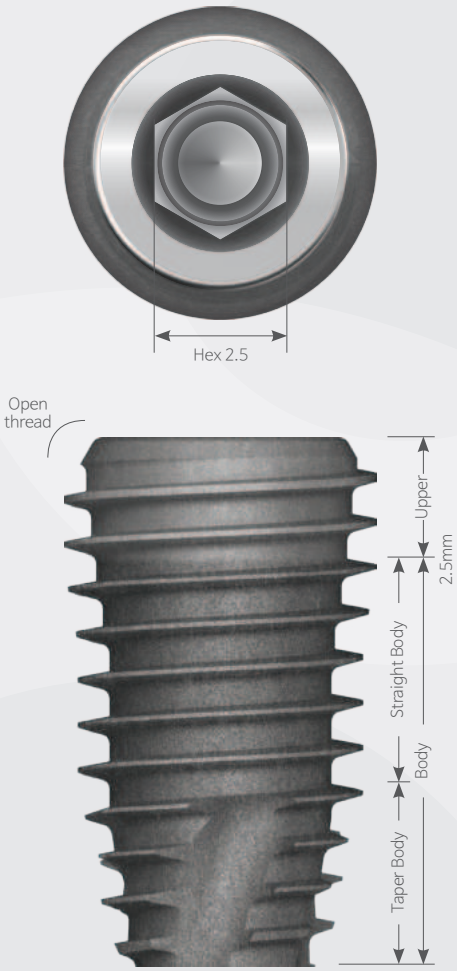
UFⅡ Wide

D Ø5.9 | Ø6.4 | Ø6.9
L 7 | 8.5 | 10 | 11.5 | 13 | 15

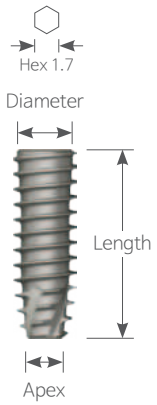
HSA | UV Active



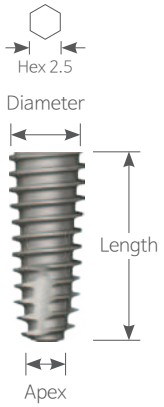




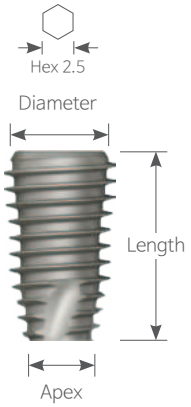
UFⅡ Narrow



UFⅡ Regular



UFⅡ Wide



Narrow Fixture

▸ Ø3.0 fixture exclusive for anterior region.

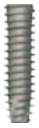
- HSA / Packing Unit : Fixture | Order code : UF(Ⅱ)N 0000**SF** (ex : UF(Ⅱ)N 3008**SF**)
  Fixture + Cover Screw | Order code : UF(Ⅱ)N 0000**S** (ex : UF(Ⅱ)N 3008**S**)
- UV Active / Packing Unit : Fixture | Order code : UF(Ⅱ)N 0000**UV3** (ex : UF(Ⅱ)N 3008**UV3**)
- Accessories : Cover Screw (UNSCS 2700)

N D Ø3.0 Hex 1.7 Apex Ø1.6

Unit mm I 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**)
- Accessories : Cover Screw (SSCS 3400)

R D Ø3.8 Hex 2.5 Apex Ø1.4

Unit mm I 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	8.5	10	11.5	13	15
HSA	-	UF(II) **4008SF**	UF(II) **4010SF**	UF(II) **4011SF**	UF(II) **4013SF**	UF(II) **4015SF**
UV Active	-	UF(II) **4008UV3**	UF(II) **4010UV3**	UF(II) **4011UV3**	UF(II) **4013UV3**	-

R D Ø4.5 Hex 2.5 Apex Ø1.6

Length	7	8.5	10	11.5	13	15
HSA	UF(II) **4507SF**	UF(II) **4508SF**	UF(II) **4510SF**	UF(II) **4511SF**	UF(II) **4513SF**	UF(II) **4515SF**
UV Active	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	8.5	10	11.5	13	15
HSA	UF(II) **5007SF**	UF(II) **5008SF**	UF(II) **5010SF**	UF(II) **5011SF**	UF(II) **5013SF**	UF(II) **5015SF**
UV Active	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	8.5	10	11.5	13	15
HSA	UF(II) **5507SF**	UF(II) **5508SF**	UF(II) **5510SF**	UF(II) **5511SF**	UF(II) **5513SF**	UF(II) **5515SF**
UV Active	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**)
- Accessories : Cover Screw (SSCS 3400)

W D Ø5.9 Hex 2.5 Apex Ø3.6

Unit mm | Scale 1 : 1.2

Length	7	8.5	10	11.5	13	15
HSA	UF(II) **6007SF**	UF(II) **6008SF**	UF(II) **6010SF**	UF(II) **6011SF**	UF(II) **6013SF**	UF(II) **6015SF**
UV Active	UF(II) **6007UV3**	UF(II) **6008UV3**	UF(II) **6010UV3**	UF(II) **6011UV3**	UF(II) **6013UV3**	-

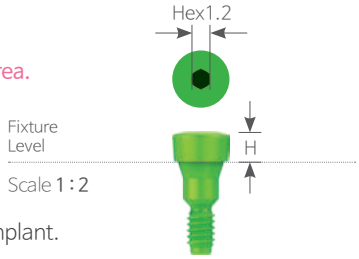
W D Ø6.4 Hex 2.5 Apex Ø3.6

Length	7	8.5	10	11.5	13	15
HSA	UF(II) **6507SF**	UF(II) **6508SF**	UF(II) **6510SF**	UF(II) **6511SF**	UF(II) **6513SF**	UF(II) **6515SF**
UV Active	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	8.5	10	11.5	13	15
HSA	UF(II) **7007SF**	UF(II) **7008SF**	UF(II) **7010SF**	UF(II) **7011SF**	UF(II) **7013SF**	UF(II) **7015SF**

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**

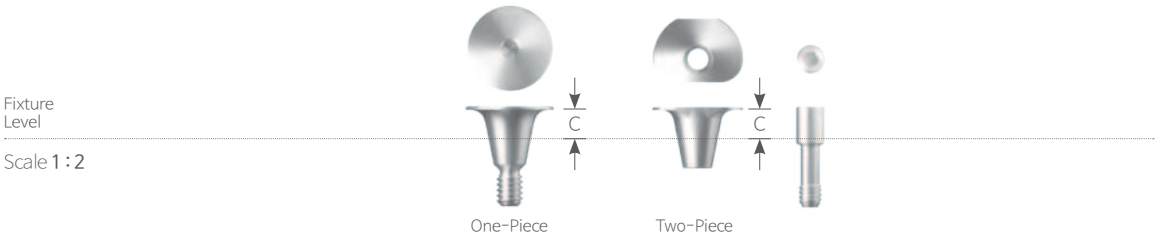
Unit mm I Scale 1 : 1.25

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

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



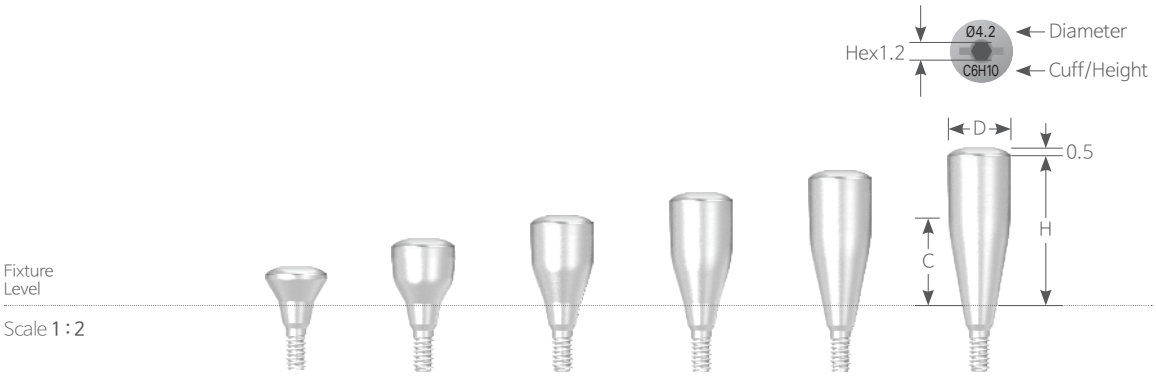
R

Unit mm I 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



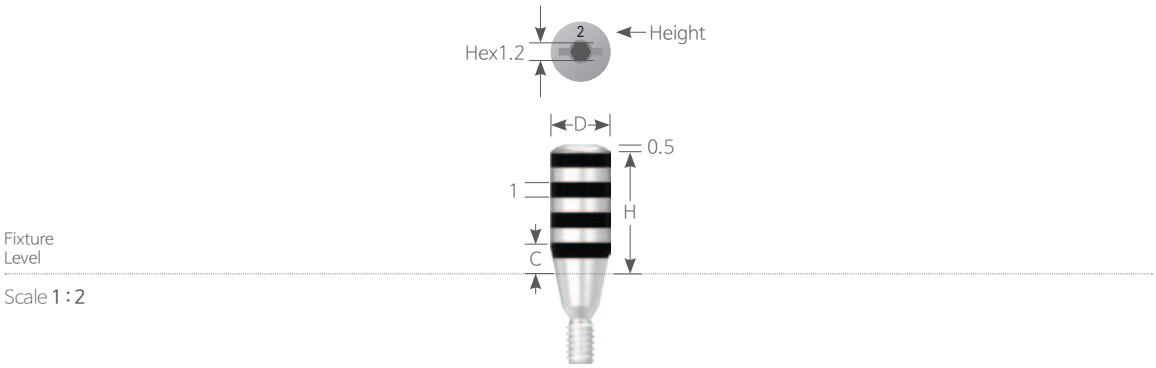
N Hex **1.2**

Unit mm I 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



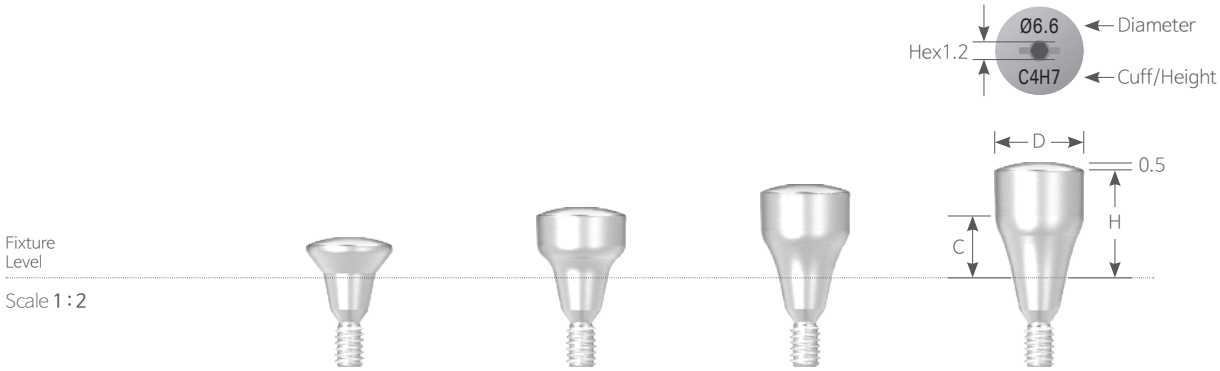
R W D Ø4.0 Hex **1.2**

Unit mm I 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



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.

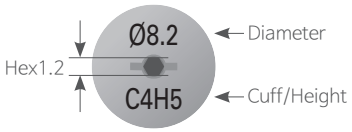
- Gum Extension to secure an emergency profile in the posterior region, or components for minimizing inflammation response due to gingival compression during custom abutment production.

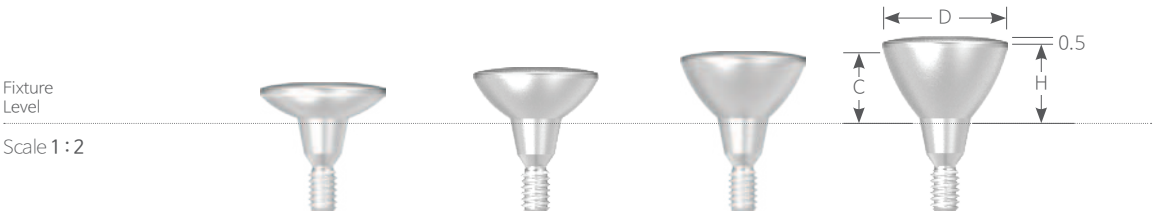
※ When connecting the cover screw and healing abutment, the screw can be separated easily by applying antibiotics functioning as lubricant. (Antibiotics: Minocline, Periocline, etc.)

· Uses 1.2 Hex Driver

· Uses 0.5 Slot Driver

· Tightening Torque : 5~8Ncm





R W Hex **1.2**

Unit mm I Scale 1 : 1.25

Fixture Size		Regular . Wide	
		Ø8.2	Ø9.2
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
030P

Cemented Abutment
031P

Angled Abutment
034P

UCLA CCM Abutment
035P

Fixture Analog
030P

Pick-up Impression Coping
028P

Transfer Impression Coping
029P

UF Regular
013P

UF(II) Narrow
017P

UF(II) Regular
018P

UF(II) Wide
020P

Cover Screw
021P

Healing Abutment
022P

Cement / Screw - Retained Restorations

Mill / UCLA Abutment

Fixture - R W

Abutment Screw

Mill Abutment
033P

UCLA Plastic Abutment
035P

Fixture Analog
030P

Pick-up Impression Coping
028P

Transfer Impression Coping
029P

UF Regular
013P

UF(II) Regular
018P

UF(II) Wide
020P

Cover Screw
021P

Healing Abutment
022P

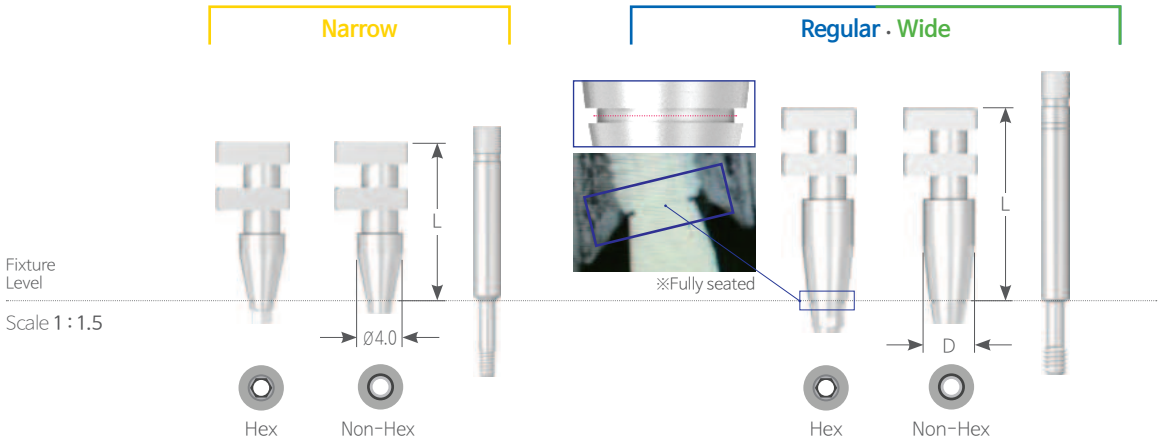
Abutment Components

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

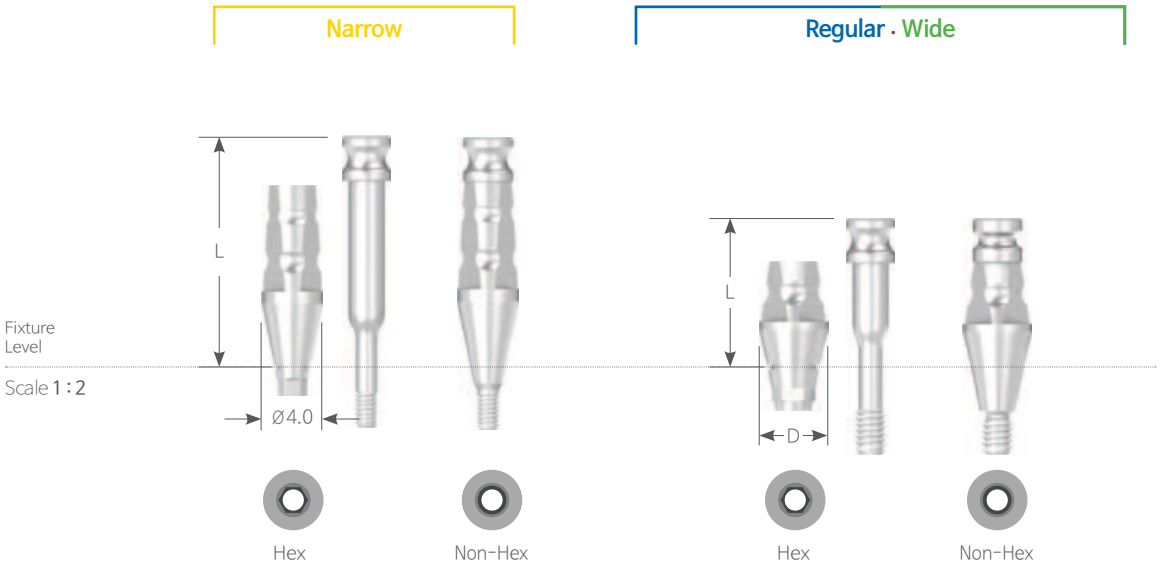
Fixture Size	Narrow		Regular · Wide				
Diameter	Ø4.0	Guide Pin	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Guide Pin
Length 09	-	-	SSPI 4009N	SSPI 4509N	SSPI 5509N	SSPI 6509N	SSG 2021
12	UNSPI 4012N	UNSSG 1422	-	-	-	-	-
13	-	-	SSPI 4013N	SSPI 4513N	SSPI 5513N	SSPI 6513N	SSG 2026
14	UNSPI 4014N	UNSSG 1422	-	-	-	-	-
16	UNSPI 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
· Tightening Torque : N 20Ncm, R W 30~35Ncm
· 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

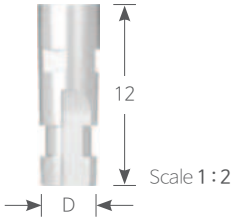
Unit mm

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.



N R W Length **12**

Unit mm I Scale 1 : 1.25

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

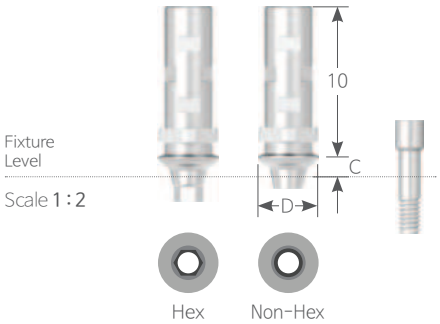
UNSFA **3012**

SSFA **4012**

Temporary Abutment Hex Non-Hex

▸Used when temporary prosthesis is made

· Hex / Non-Hex Type
· Uses 1.2 Hex Driver
· Packing Unit : Abutment + Abutment Screw
· Tightening Torque : N 20Ncm, R W 30~35Ncm



N R W Length **10**

Unit mm I Scale 1 : 1.25

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

Cemented Abutment Hex Non-Hex

▸ For cement retained prosthesis
· Gold colored gingival area for esthetic purpose
· 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

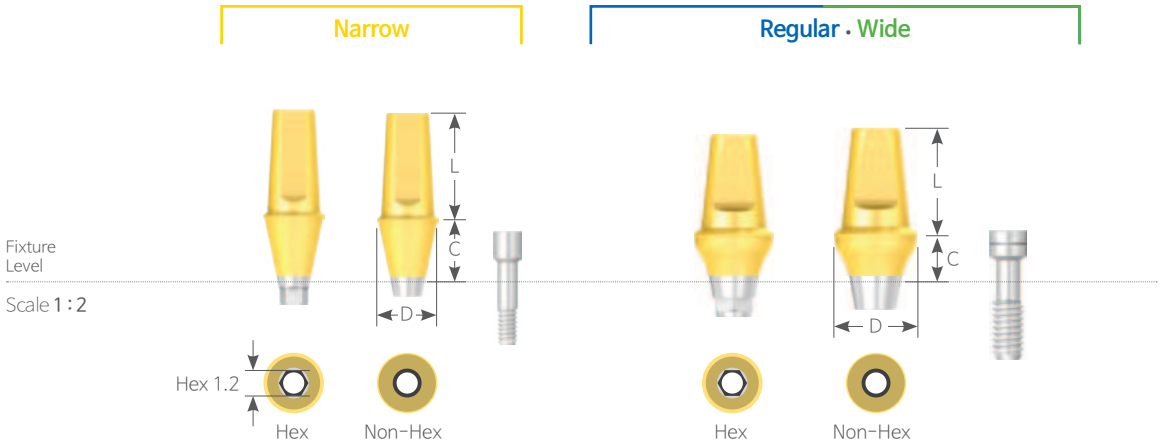
N R W Hex

Unit mm I Scale 1 : 1.25

Fixture Size	Narrow	Regular · Wide			
Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5
Length 4					
Cuff 1	–	SSCA 45104H(II) [H]	SSCA 55104H(II) [H]	SSCA 65104H(II) [H]	SSCA 75104H(II) [H]
2	–	SSCA 45204H(II) [H]	SSCA 55204H(II) [H]	SSCA 65204H(II) [H]	SSCA 75204H(II) [H]
3	–	SSCA 45304H(II) [H]	SSCA 55304H(II) [H]	SSCA 65304H(II) [H]	SSCA 75304H(II) [H]
4	–	SSCA 45404H(II) [H]	SSCA 55404H(II) [H]	SSCA 65404H(II) [H]	SSCA 75404H(II) [H]
5	–	SSCA 45504H(II) [H]	SSCA 55504H(II) [H]	SSCA 65504H(II) [H]	SSCA 75504H(II) [H]
Screw	–	SSC 2008SH	SSC 2008H	SSC 2008H	SSC 2008H

Length 5.5					
Cuff 1	UNSCA 40105H [H]	SSCA 45105H(II)[H]	SSCA 55105H(II)[H]	SSCA 65105H(II)[H]	SSCA 75105H(II)[H]
2	UNSCA 40205H [H]	SSCA 45205H(II)[H]	SSCA 55205H(II)[H]	SSCA 65205H(II)[H]	SSCA 75205H(II)[H]
3	UNSCA 40305H [H]	SSCA 45305H(II)[H]	SSCA 55305H(II)[H]	SSCA 65305H(II)[H]	SSCA 75305H(II)[H]
4	UNSCA 40405H [H]	SSCA 45405H(II)[H]	SSCA 55405H(II)[H]	SSCA 65405H(II)[H]	SSCA 75405H(II)[H]
5	UNSCA 40505H [H]	SSCA 45505H(II)[H]	SSCA 55505H(II)[H]	SSCA 65505H(II)[H]	SSCA 75505H(II)[H]
6	UNSCA 40605H [H]	–	–	–	–
7	UNSCA 40705H [H]	–	–	–	–
Screw	UNSAS 1407H	SSC 2008SH	SSC 2008H	SSC 2008H	SSC 2008H

Length 7					
Cuff 1	UNSCA 40107H [H]	SSCA 45107H(II)[H]	SSCA 55107H(II)[H]	SSCA 65107H(II)[H]	SSCA 75107H(II)[H]
2	UNSCA 40207H [H]	SSCA 45207H(II)[H]	SSCA 55207H(II)[H]	SSCA 65207H(II)[H]	SSCA 75207H(II)[H]
3	UNSCA 40307H [H]	SSCA 45307H(II)[H]	SSCA 55307H(II)[H]	SSCA 65307H(II)[H]	SSCA 75307H(II)[H]
4	UNSCA 40407H [H]	SSCA 45407H(II)[H]	SSCA 55407H(II)[H]	SSCA 65407H(II)[H]	SSCA 75407H(II)[H]
5	UNSCA 40507H [H]	SSCA 45507H(II)[H]	SSCA 55507H(II)[H]	SSCA 65507H(II)[H]	SSCA 75507H(II)[H]
6	UNSCA 40607H [H]	–	–	–	–
7	UNSCA 40707H [H]	–	–	–	–
Screw	UNSAS 1407H	SSC 2008SH	SSC 2008H	SSC 2008H	SSC 2008H



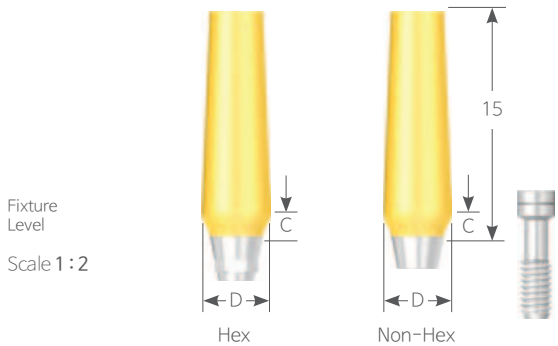
N R W Non-Hex

Unit mm I Scale 1 : 1.25

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

Mill Abutment Hex Non-Hex

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



R W Hex Length 15

Unit mm I Scale 1 : 1.25

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

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

R W Non-Hex Length 15

Unit mm I Scale 1 : 1.25

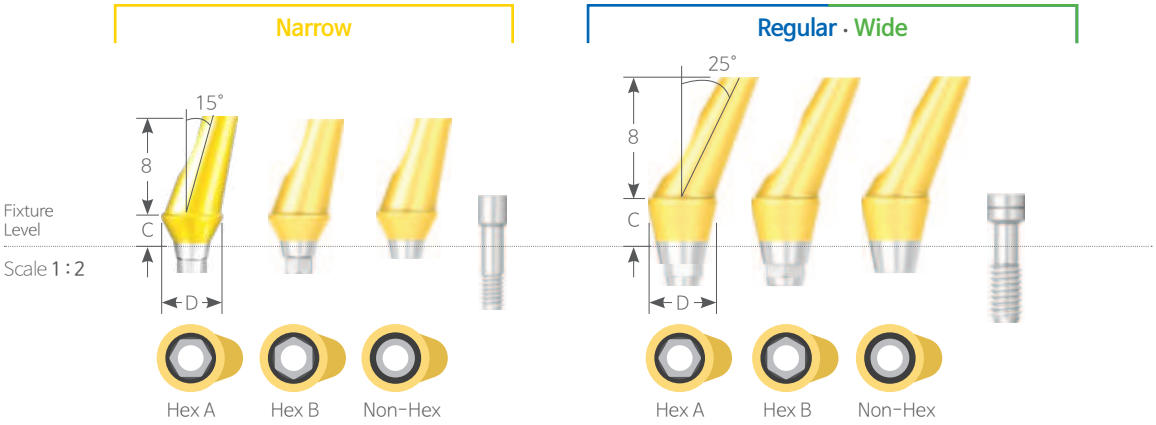
Fixture Size	Regular · Wide				
Diameter	Ø4.0	Ø4.5	Ø5.5	Ø6.5	Ø7.5
Cuff	1.5	2	2.5	3	3

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

Angled Abutment Hex Non-Hex

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

· 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

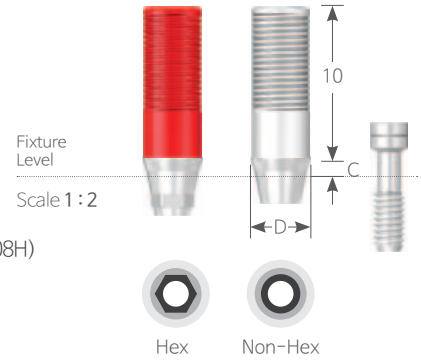
Fixture Size	Narrow	Regular · Wide			
Cuff 1.5	-	SSAA 451515BH[H]	SSAA 451525BH[H]	SSAA 551515BH[H]	SSAA 551525BH[H]
2.0	UNSAA 402015BH[H]	SSAA 452015BH[H]	SSAA 452025BH[H]	SSAA 552015BH[H]	SSAA 552025BH[H]
3.0	-	SSAA 453015BH[H]	SSAA 453025BH[H]	SSAA 553015BH[H]	SSAA 553025BH[H]
4.0	UNSAA 404015BH[H]	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**.
- 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

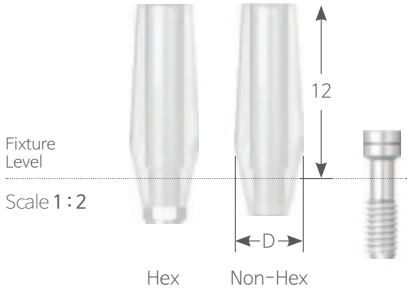
N R W Length **10**

Unit mm I Scale 1 : 1.25

Fixture Size	Narrow		Regular · Wide			
Diameter	Ø4.0	Ø4.0	Ø4.0	Ø4.0	Ø4.5	Ø4.5
Hex	Hex	Non-Hex	Hex	Non-Hex	Hex	Non-Hex

Cuff 1	UNSCCA **4010H [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



- After the customization, **non-precious metal alloy will be casted only**.
- Uses 1.2 Hex Driver
- Packing Unit : Abutment + Abutment Screw(Hex) (SSC 2008H)
- Tightening Torque : Tightening smoothly before casting,
  30~35Ncm after casting

R W Length **12**

Unit mm I Scale 1 : 1.25

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

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

Cement - Retained Restorations

Solid Abutment

Fixture - N R W

Plastic Coping
039P

Solid Abutment Analog
039P

Impression Cap
038P

Solid Abutment
037P

Protect Cap
038P

UF Regular
013P

UF(II) Narrow
017P

UF(II) Regular
018P

UF(II) Wide
020P

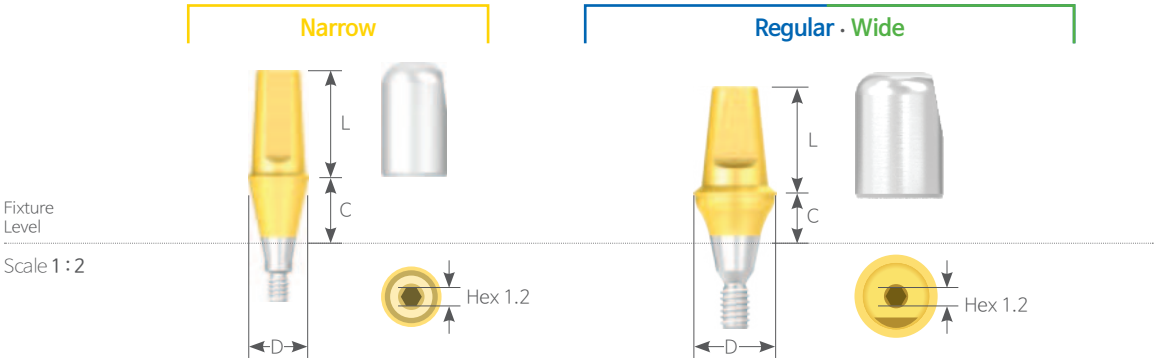
Cover Screw
021P

Healing Abutment
022P

Solid Abutment

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

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



N R W

Unit mm I Scale 1 : 1.25

Fixture Size	Narrow	Regular · Wide			
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.

Narrow | Regular · Wide

N R W

Unit mm I Scale 1 : 2

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

Impression Cap

▸Used for taking impression of Solid Abutment.
· Different coloring provides easy identification for abutment diameter.
· Convenient locking mechanism.

Scale 1 : 2

N R W Length **11**

Unit mm I Scale 1 : 1.25

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

UNSAI **4011**	SSAI **4511**	SSAI **5511**	SSAI **6511**	SSAI **7511**

Solid Abutment Analog

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

Scale 1 : 2

N R W

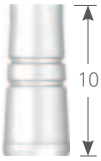
Unit mm I Scale 1 : 1.25

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

Plastic Coping

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

Narrow



Single

Bridge

Regular · Wide

Single

Bridge

N R W Length **10**

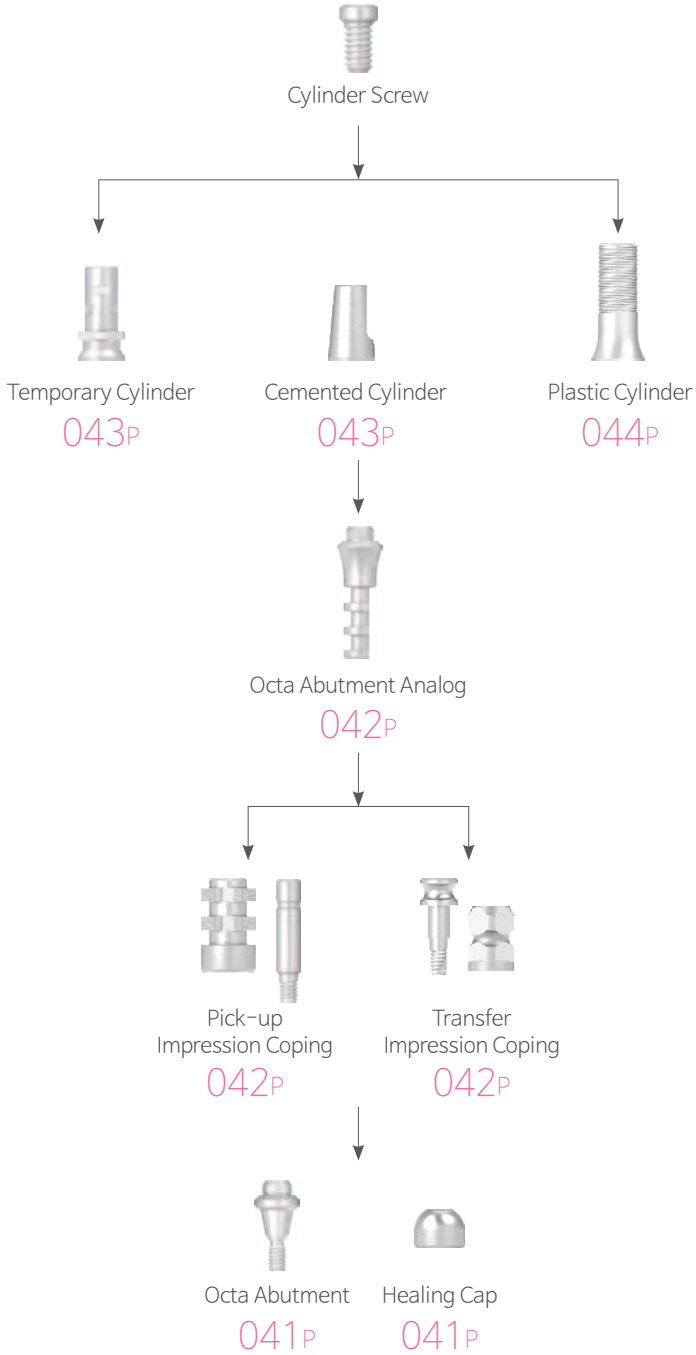
Unit mm I Scale 1 : 2

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

Cement / Screw - Retained Restorations

Octa Abutment

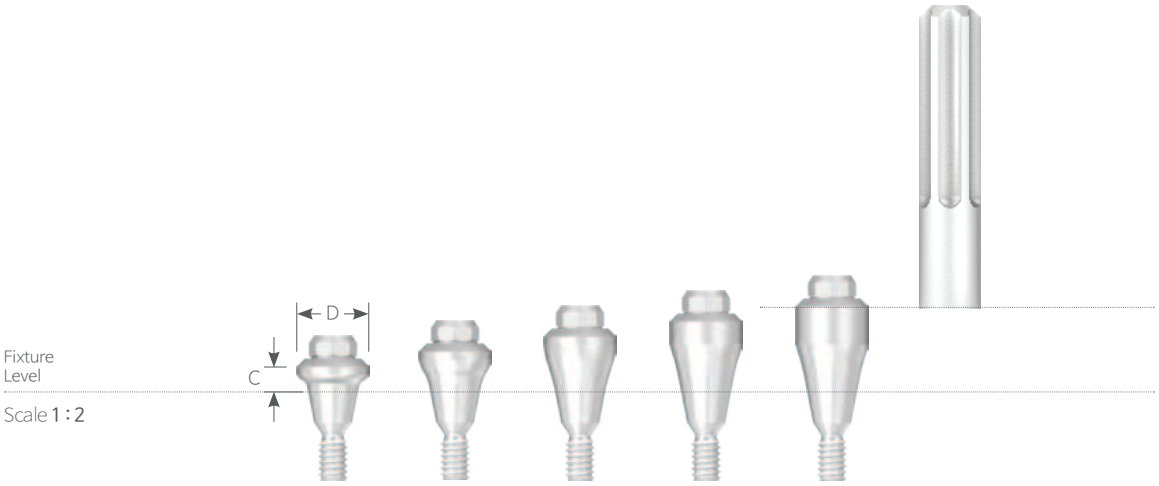
Fixture - R W



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 I Scale 1 : 2

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

Healing Cap

▸ To protect Octa Abutment in oral, and minimize the discomfort for patient.

· Uses 1.2 Hex Driver
· Packing Unit : Healing Cap + Cylinder Screw (STI 2004H)
· Tightening Torque : 5~8Ncm

R W

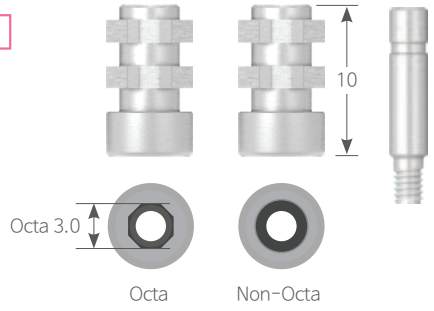
Unit mm I Scale 1 : 2

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

Octa Abutment Components

Pick-up Impression Coping Octa Non-Octa

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



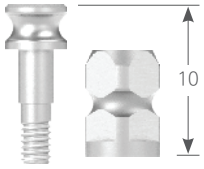
R W Length **10**

Unit mm I Scale 1 : 2

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

Transfer Impression Coping

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



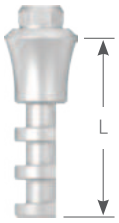
R W Length **10**

Unit mm I Scale 1 : 2

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

Octa Abutment Analog

▸Replicates Octa Abutment for fabrication of prosthetics on the working model.



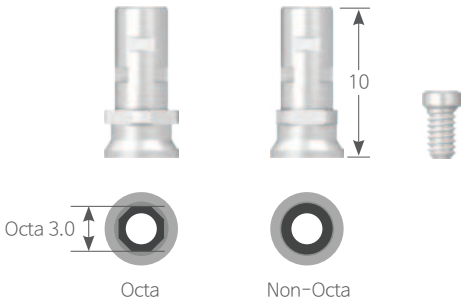
R W

Unit mm I Scale 1 : 2

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

Temporary Cylinder Octa Non-Octa

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



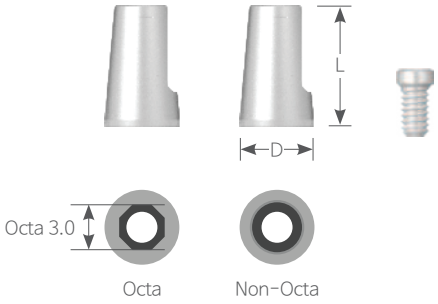
R W Length **10**

Unit mm I Scale 1 : 2

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

Cemented Cylinder Octa Non-Octa

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



R W

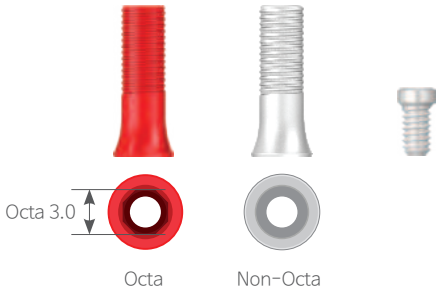
Unit mm I Scale 1 : 2

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

Octa Abutment Components

Plastic Cylinder Octa Non-Octa

· After the customization, **non-precious metal alloy will be casted only**.
· Uses 1.2 Hex Driver
· Packing Unit : Plastic Cylinder + Cylinder Screw(STI 2004H)
· Tightening Torque : 20Ncm



R W

Unit mm I Scale 1 : 2

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

Surgical Tool

Abutment Driver

· Only uses Octa Abutment

● Sold separately

K

Unit mm I Scale 1 : 1

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

Overdenture Restorations

Ball Abutment : O-Ring

Fixture - R W

O-Ring
048P

Retainer
048P

Ball Cap
048P

Ball Abutment Analog
048P

Ball Abutment
047P

UF Regular
013P

UF(II) Regular
018P

UF(II) Wide
020P

Cover Screw
021P

Healing Abutment
022P

Overdenture Restorations

Ball Abutment : OT Cap / Locator

Fixture - N R W

Stainless Steel Housing
049P

Denture Cap
052P

OT Cap
049P

Male
051P

Ball Abutment Analog
048P

Ball Abutment
047P

Locator
050P

UF Regular
013P

UF(II) Narrow
017P

UF(II) Regular
018P

UF(II) Wide
020P

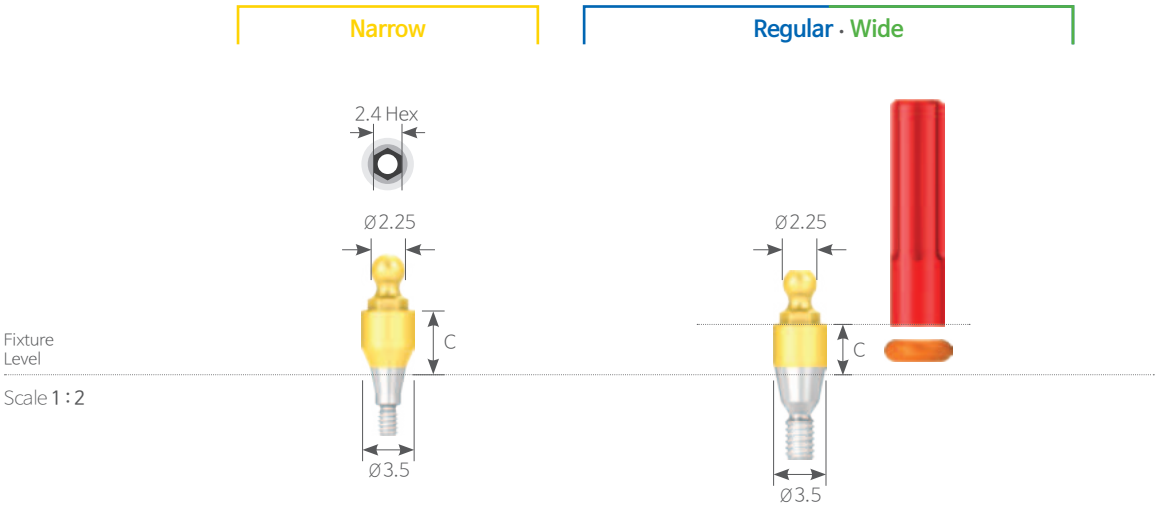
Cover Screw
021P

Healing Abutment
022P

Ball Abutment

▸ Used to create overdenture for edentulous patient.

· Gold colored gingival area for esthetic purpose
· Path recovery to the maximum of 20°
· Uses Ball Abutment Driver (HD 2406A, HD 2412A)
· 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

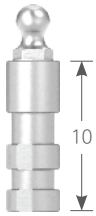
Unit mm

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.



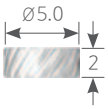
N R W Length **10**

Unit mm I Scale 1 : 2

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

Retainer

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



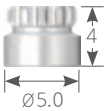
N R W **D Ø5.0** Length **2**

Unit mm I Scale 1 : 2

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

Ball Cap

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



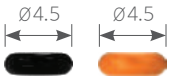
N R W **D Ø5.0** Length **4**

Unit mm I Scale 1 : 2

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

O-Ring

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



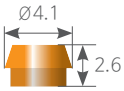
N R W **D Ø4.5**

Unit mm I Scale 1 : 2

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

OT Cap Orange

· Excellent retention is obtained with broader contact area compared to o-ring.
· Packing Unit : 6 Piece
· Caution) There is no separate cap for dental lab. Replace the cap after making the denture.



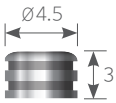
N R W **D Ø4.1** Length **2.6**

Unit mm I 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**

Unit mm I Scale 1 : 2

Fixture Size	Narrow · Regular · Wide
	041CAN

Insertion Tool For Caps

▸ Used for insertion the cap in the stainless housing.
· Possible to use both tip in a normal and micro situation.
· Packing Unit : Handle + Tip

N R W

Fixture Size	Narrow · Regular · Wide
	085IAC

Remover Tool For Caps

▸ Used for removing the cap from the stainless housing
· Possible to use in both normal and micro situation with one tool.

N R W

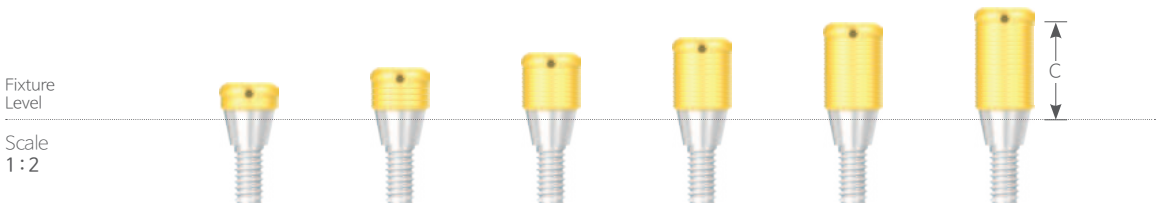
Fixture Size	Narrow · Regular · Wide
	091EC

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

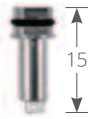
Code	LOC **8393**

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 / Conical Abutment

Fixture - N R W

Cylinder Screw

Temporary Cylinder
057P

Plastic Cylinder
057P

Abutment Analog
056P

Pick-up Impression Coping
056P

Transfer Impression Coping
055P

Healing Cap
056P

Conical Abutment
056P

Multiunit Abutment
055P

UF Regular
013P

UF(II) Narrow
017P

UF(II) Regular
018P

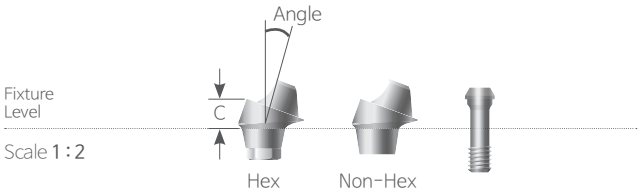
UF(II) Wide
020P

Cover Screw
021P

Healing Abutment
022P

Multiunit Abutment Hex Non-Hex

· Packing Unit : Abutment + Screw (MAS2006S) + Holder (MAH1425)
· Tightening Torque : N 20Ncm, R W 30Ncm



N R W Hex D Ø4.8

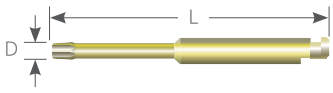
Unit mm

Fixture Size	Narrow	Regular · Wide	
Angle	20°	20°	30°
Cuff 3	UNSMUA **483020H**	UMA **483020H**	UMA **483030H**
4	UNSMUA **484020H**	UMA **484020H**	UMA **484030H**
5	UNSMUA **485020H**	UMA **485020H**	UMA **485030H**

N R W Non-Hex D Ø4.8

Fixture Size	Narrow	Regular · Wide	
Angle	20°	20°	30°
Cuff 3	UNSMUA **483020N**	UMA **483020N**	UMA **483030N**
4	UNSMUA **484020N**	UMA **484020N**	UMA **484030N**
5	UNSMUA **485020N**	UMA **485020N**	UMA **485030N**

Multiunit Screw Driver



N R W D Ø1.4 Length 25

Unit mm I Scale 1 : 1.25

Code	MSD **1425**

Transfer Impression Coping

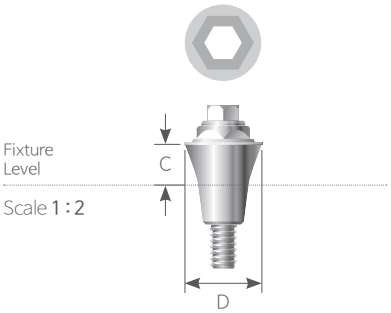
N R W

Unit mm I Scale 1 : 1.25

Code	ICC **4805** / ICCS **1407**

Conical Abutment

- Maintains screw and prosthetic aesthetics.
- For fabrication of prosthetic on cylinder after abutment has been placed.
- Up to 48˚path angle
- Uses Ø2.0 Conical Abutment Driver (HD 2012A)
- Tightening Torque : 30Ncm



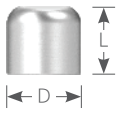
N R W D Ø4.8

Unit mm

Fixture Size	Narrow	Regular · Wide
Cuff 1	UNSKA **4801**	UCA **4801**
2	UNSKA **4802**	UCA **4802**
3	UNSKA **4803**	UCA **4803**

Healing Cap

- Protects the Conical Abutment and promotes patient healing.
- Uses 1.2 Hex Driver
- Tightening Torque : 5~8Ncm



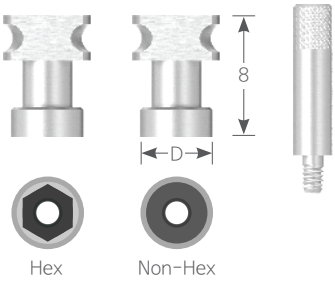
N R W D Ø4.8 Length **4.5**

Unit mm I Scale 1 : 2

Code	HCN **40504**

Pick-up Impression Coping

- Create final impression of Conical Abutment on Impression Coping.
- For use with pick-up type closed trays.
- Packing Unit : Pick-up Impression Coping + Guide Pin



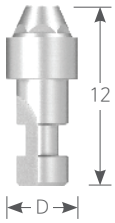
N R W D Ø4.8 Length **8**

Unit mm I Scale 1 : 2

Type	Hex	Non Hex
	IPN **40508**	IPN **40508N**
Guide Pin	PCN **40310**	PCN **40310S**

Abutment Analog

▸Replicates Conical Abutment/Multiunit Abutment for fabrication of prosthetics on the working model.



N R W D Ø4.8 Length **12**

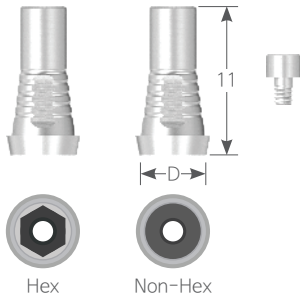
Unit mm I Scale 1 : 1.25

Code	RCN **40412**

Multiunit / Conical Abutment Components

Temporary Cylinder Hex Non-Hex

- For fabricating temporary prosthetics on top of Conical Abutments.
- Simple customization & Minimizes restriction
- Uses 1.2 Hex Driver
- Packing Unit : Temporary Cylinder + Cylinder Screw (SHN 1403)
- Tightening Torque : 20Ncm



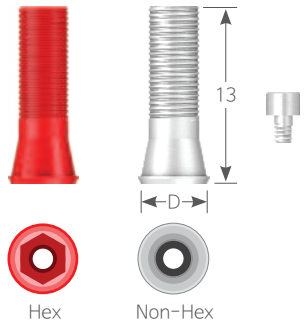
N R W **D Ø4.8** Length **11**

Unit mm I Scale 1 : 18

Type	Hex	Non Hex
	TCN **40511**	TCN **40511N**

Plastic Cylinder Hex Non-Hex

- Cast in premium gold alloy after customization.
- Uses 1.2 Hex Driver
- Packing Unit : Plastic Cylinder + Cylinder Screw (SHN 1403)
- Tightening Torque : 20Ncm



N R W **D Ø4.8** Length **13**

Unit mm I Scale 1 : 18

Type	Hex	Non Hex
	APN **40514S**	APN **40514SN**

Cylinder Screw

N R W Length **3**

Unit mm I Scale 1 : 2

Code	SSN **1403**

Conical Screw Driver

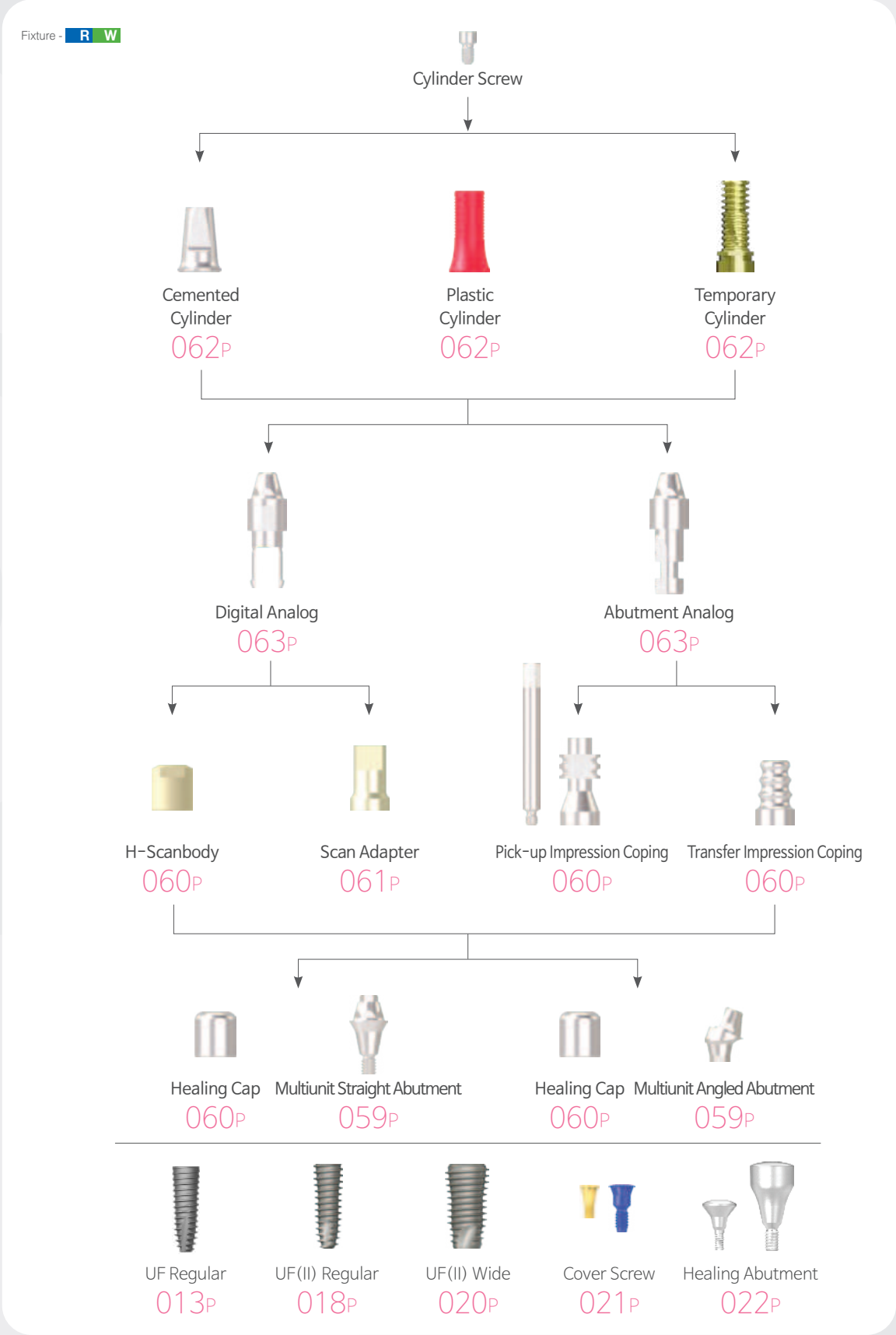
N R W

Unit mm I Scale 1 : 1

Code	HD **2012A**

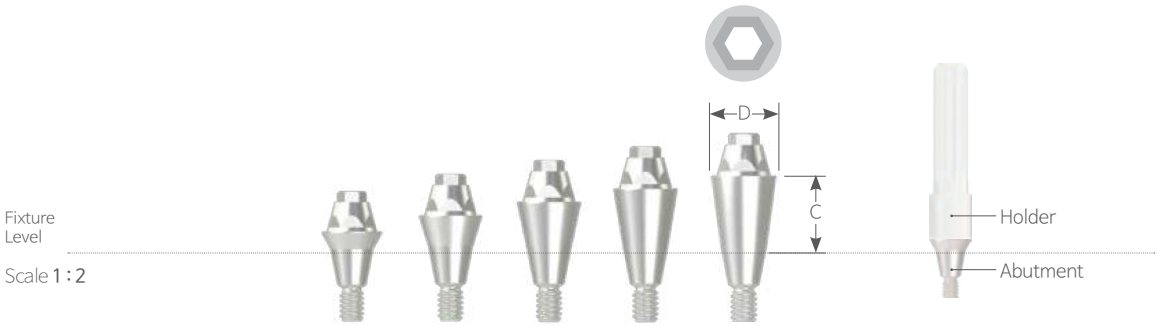
Cement / Screw - Retained Restorations

Multiunit Abutment



Multiunit Straight Abutment

▸ Use it to fabricate cement and screw-retained prosthesis in a bridge case with diffrent path.
· Tightening Torque : 30Ncm
· Packing unit : Multiunit Straight Abutment + Holder (MSAH 4820)
· Use Ø2.0 Multiunit Straight Abutment Driver (HD 2012A (Same as Conical Abutment Driver))



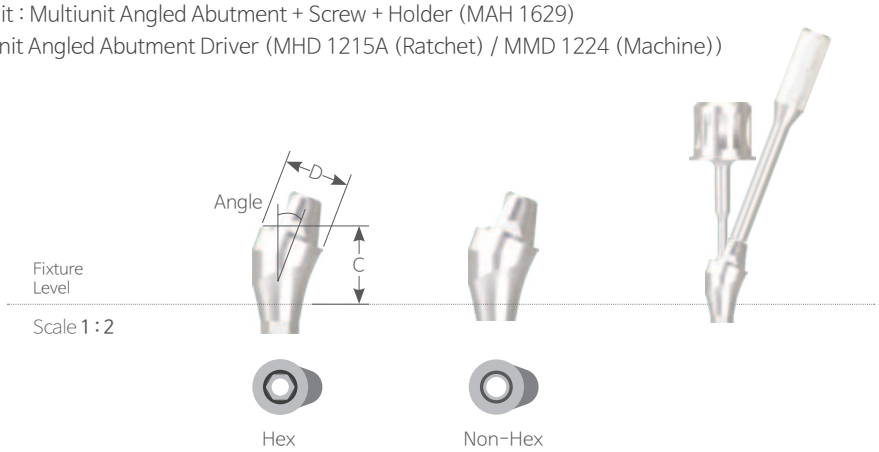
R W D Ø4.8

Unit mm

Cuff	1.5	2.5	3.5	4.5	5.5
	MSA **4801**	MSA **4802**	MSA **4803**	MSA **4804**	MSA **4805**

Multiunit Angled Abutment Hex Non-Hex

▸ Use it to fabricate cement and screw-retained prosthesis in a bridge case with diffrent path.
· 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 : 30Ncm
· Packing unit : Multiunit Angled Abutment + Screw + Holder (MAH 1629)
· Use Multiunit Angled Abutment Driver (MHD 1215A (Ratchet) / MMD 1224 (Machine))



R W D Ø4.8

Unit mm

Type	Hex		Non-Hex	
Angle	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**
Screw	MASC **2006**			

Multiunit Abutment Components

Healing Cap

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

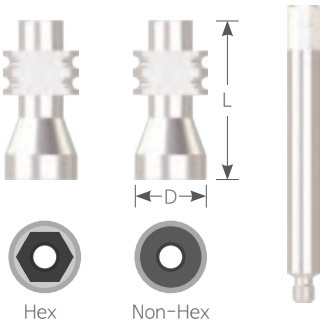
R W D Ø5.0 Length **5.5**

Unit mm I Scale 1 : 2

Code	MHC **5005**

Pick-up Impression Coping

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



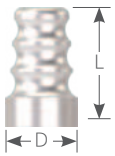
R W D Ø4.8 Length **11**

Unit mm I Scale 1 : 2

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

Transfer Impression Coping

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



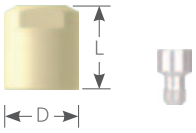
R W D Ø4.8 Length **8**

Unit mm I Scale 1 : 2

Code	MTI **4808N**

H-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

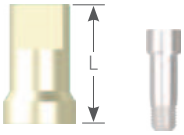


R W D Ø5.0 Length **5.6**

Unit mm I Scale 1 : 2

Code	MHSB **5005H**

Scan Adapter



· 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**

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

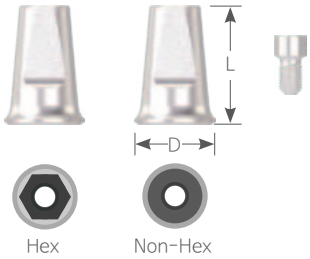
Unit mm I Scale 1 : 2

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



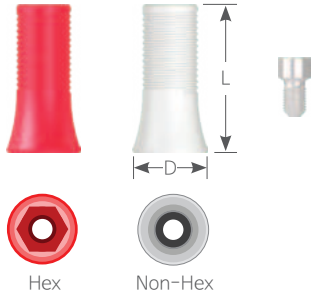
R W D Ø5.4 Length **8**

Unit mm I Scale 1 : 2

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

Plastic Cylinder Hex Non-Hex

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



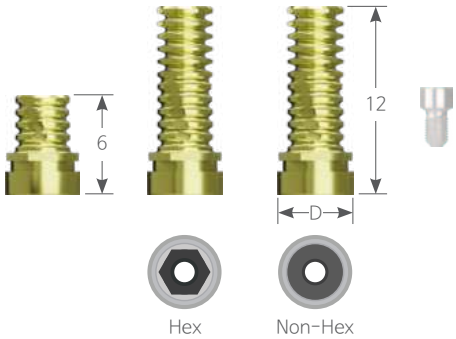
R W D Ø5.0 Length **10**

Unit mm I Scale 1 : 2

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

Temporary Cylinder Hex Non-Hex

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



R W D Ø4.8

Unit mm I Scale 1 : 2

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

Cylinder Screw

R W Length **4**

Unit mm I Scale 1 : 2

Code	MSC **1604**

Abutment Analog

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

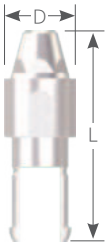
R W **D Ø4.8** Length **15**

Unit mm I Scale 1 : 2

Code	MLA **4815H**

Digital Analog

· Provides anchor point for Multiunit Abutment on 3D printed model.
· Uses Digital Lab Analog Jig (MDAJ 00)



R W **D Ø4.8** Length **14.2**

Unit mm I Scale 1 : 2

Code	MDA **4813**

Surgical Tool

Screw Driver

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

● Sold separately

Unit mm I Scale 1 : 1

K Hex **1.2**

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

UF Ⅱ Connection

UF Ⅱ Connection

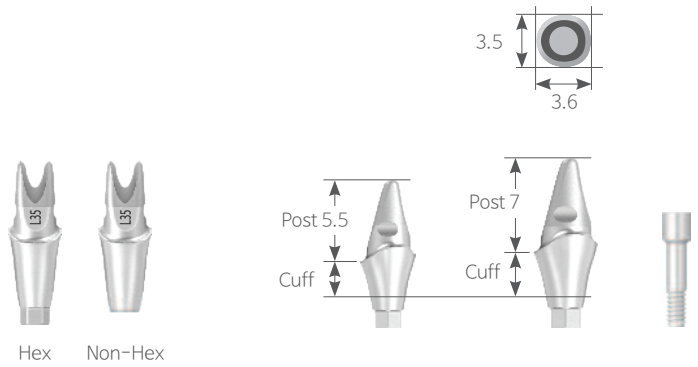
UF Ⅱ Narrow Connection

	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 + Protect Cap
· Abutment Screw : UNSAS 1407H (Only compatible with the screw included)



N Post 5.5

Unit mm I Scale 1 : 1.25

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

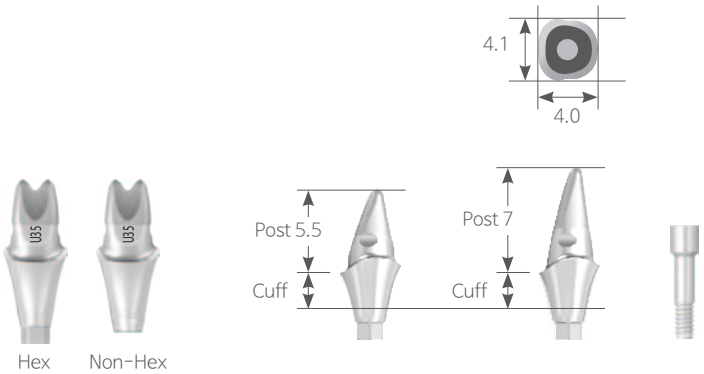
N Post 7.0

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

Upper Incisor

UFⅡ Narrow Angled Abutment Hex Non-Hex

· Packing Unit : Abutment + Abutment Screw + Protect Cap
· Abutment Screw : UNSAS 1407H (Only compatible with the screw included)



N Post **5.5**

Unit mm I Scale 1 : 1.25

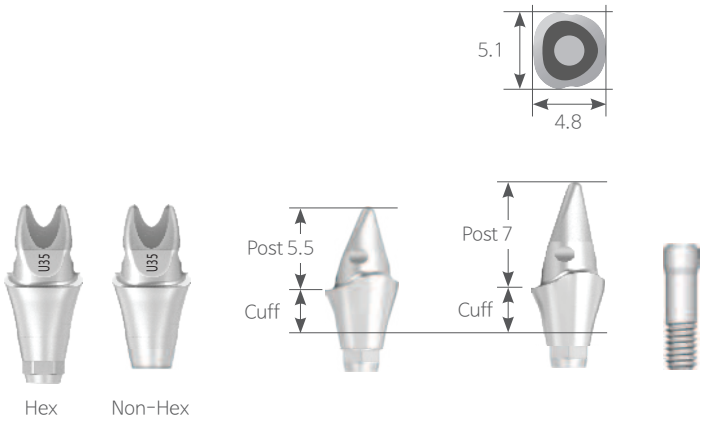
Cuff	2.5	3.5	4.5	5.5	Protect Cap
Hex	DUN **2555H [C]**	DUN **3555H [C]**	DUN **4555H [C]**	DUN **5555H [C]**	DCUN **55**
Non-Hex	DUN **2555N [C]**	DUN **3555N [C]**	DUN **4555N [C]**	DUN **5555N [C]**	DCUN **55**
Marking	U 25	U 35	U 45	U 55	-

N Post **7.0**

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

UFII Angled Abutment Hex Non-Hex

· Packing Unit : Abutment + Abutment Screw + Protect Cap
· Abutment Screw : DASC 2008H (Only compatible with the screw included)



R Post 5.5

Unit mm I Scale 1 : 1.25

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

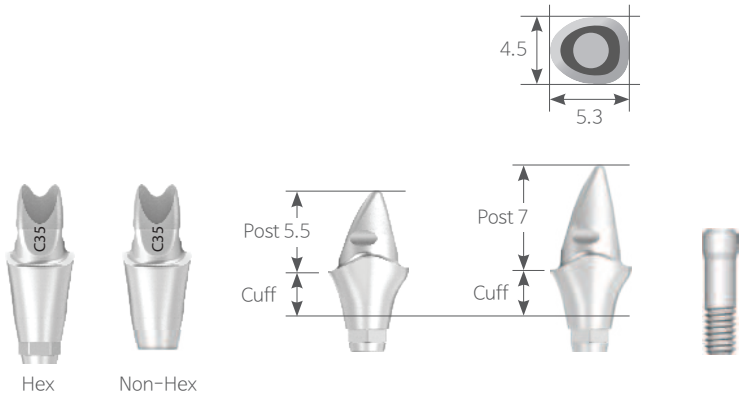
R Post 7.0

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

Canine

UFⅡ Angled Abutment Hex Non-Hex

· Packing Unit : Abutment + Abutment Screw + Protect Cap
· Abutment Screw : DASC 2008H (Only compatible with the screw included)



R Post 5.5

Unit mm I Scale 1 : 1.25

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

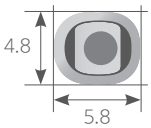
R Post 7.0

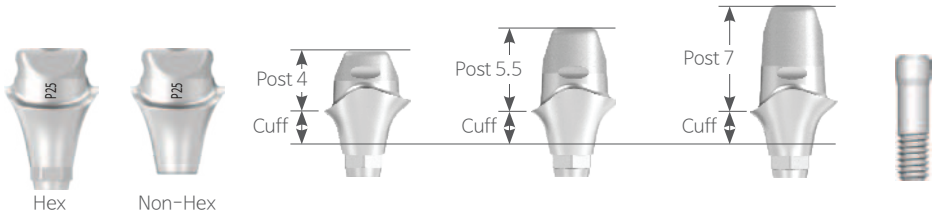
Cuff	2.5	3.5	Protect Cap
Hex	DCR **2570H [C]**	DCR **3570H [C]**	DCCR **70**
Non-Hex	DCR **2570N [C]**	DCR **3570N [C]**	DCCR **70**
Marking	C 27	C 37	-

Pre-Molar

UFII Angled Abutment Hex Non-Hex

· Packing Unit : Abutment + Abutment Screw + Protect Cap
· Abutment Screw : DASC 2008H (Only compatible with the screw included)





R Post 4.0

Unit mm I Scale 1 : 1.25

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

R Post 5.5

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

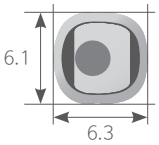
R Post 7.0

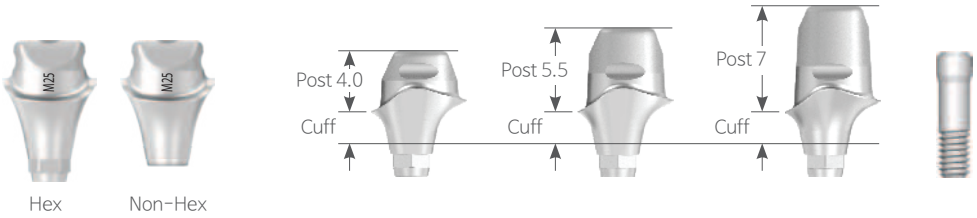
Cuff	1.5	2.5	3.5	4.5	Protect Cap
Hex	DPR **1570H [C]**	DPR **2570H [C]**	DPR **3570H [C]**	DPR **4570H [C]**	DCPR **70**
Non-Hex	DPR **1570N [C]**	DPR **2570N [C]**	DPR **3570N [C]**	DPR **4570N [C]**	DCPR **70**
Marking	P 17	P 27	P 37	P 47	-

Molar

UFⅡ Angled Abutment Hex Non-Hex

· Packing Unit : Abutment + Abutment Screw + Protect Cap
· Abutment Screw : DASC 2008H (Only compatible with the screw included)





R Post 4.0

Unit mm I Scale 1 : 1.25

Cuff	1.5	2.5	3.5	4.5	Protect Cap
Hex	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	-

Protect Cap

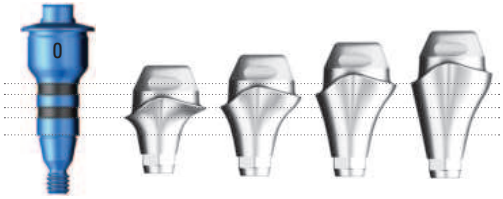
1. Prevention of gingiva creeping
   · Covering of gum in the margin and gingiva retraction
   · Can accurately take impression with widened gum

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.

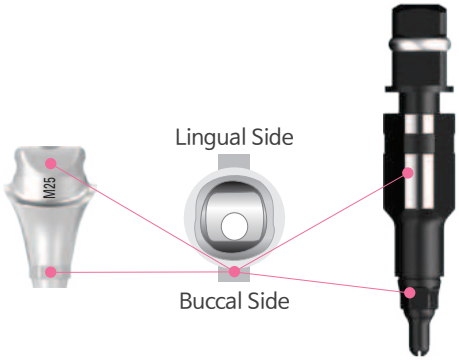
How to check the path

Flapless Surgery

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

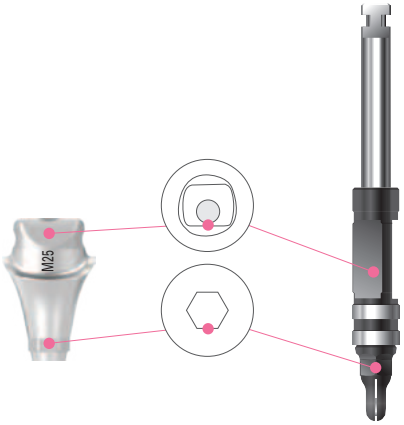


· Setting of hex direction to buccal side when using digital abutment, checking of hex direction using guide sleeve projection
· Can check hex direction using a Guide Sleeve



Flap Surgery

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

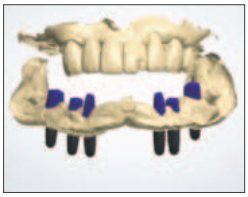


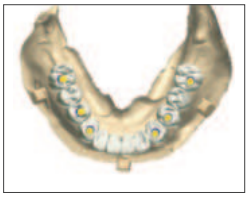
Workflow

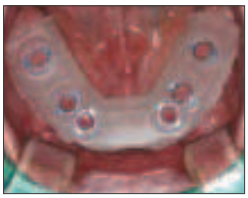
DIOnavi. + Digital Abutment (Full Digital)

Immediate Restoration

Image collection


Surgey simulation


Design & manufacture


DIOnavi. surgery

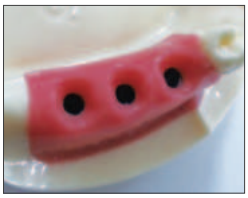
Connection of digital abutment

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

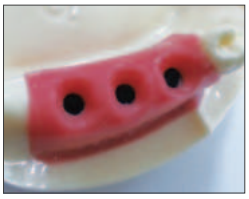
Final crown design

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)

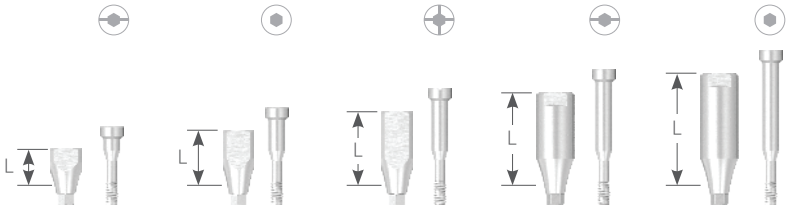
UFⅡ Narrow

Top view

● Sold separately

Unit mm I Scale 1 : 1.25

N D Ø4.0

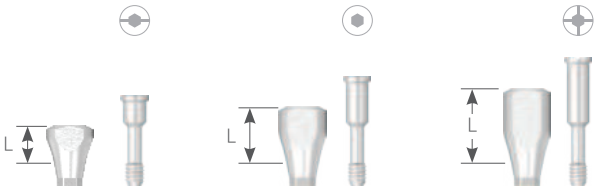
Length	4	6	8	10	12	Jig
						
	UNHSB **404H**	UNHSB **406H**	UNHSB **408H**	UNHSB **410H**	UNHSB **412H**	JIG **401**
Screw	UNSCAN **1408H**	UNSCAN **1410H**	UNSCAN **1412H**	UNSCAN **1414H**	UNSCAN **1416H**	

UFⅡ Regular / Wide

Top view

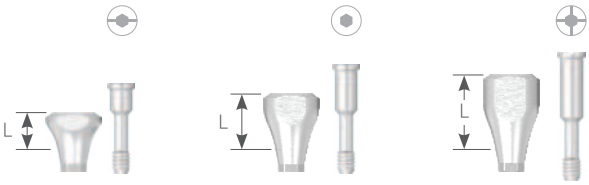
R W D Ø5.0

Unit mm I Scale 1 : 1.25

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

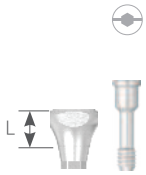
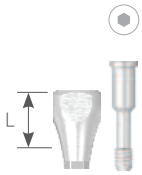
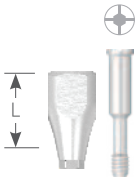
UFⅡ Regular / Wide

Top view

● Sold separately

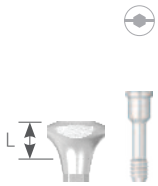
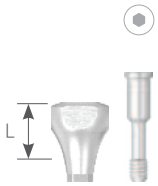
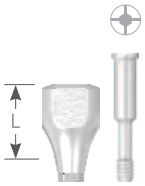
Unit mm I Scale 1 : 1.25

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**	

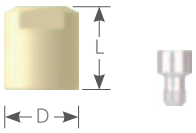
Top view

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**	

UFⅡ 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)

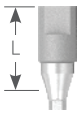
UFⅡ Narrow

· 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**

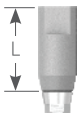
UFⅡ Regular / Wide

· 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**

Scan Retractor

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

Maxillar

Mandibular

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

Wax Denture

▸ Made of thermoplastic material that allows 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

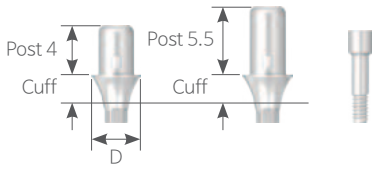
Type	Hex		Non-Hex	
Diameter	Ø10	Ø12	Ø10	Ø12
	CBSS **01 [H]**	CBSS **02 [H]**	CBSS **01N [H]**	CBSS **02N [H]**

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



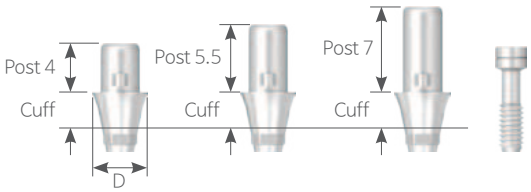
N **D Ø4.0**

Unit mm I Scale 1 : 1.65

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

UFⅡ Regular / Wide

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



R **W**

Unit mm I Scale 1 : 1.65

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

Digital Fixture Analog

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

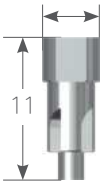
N R W Hex

Unit mm I Scale 1 : 65

Fixture Size	Narrow	Regular · Wide
Diameter	Ø3.0	Ø4.5
Hex	1.7	2.5
Length	9	11
Code	DAU **3009**	DAU **4509**

Ø3.0

Ø4.5

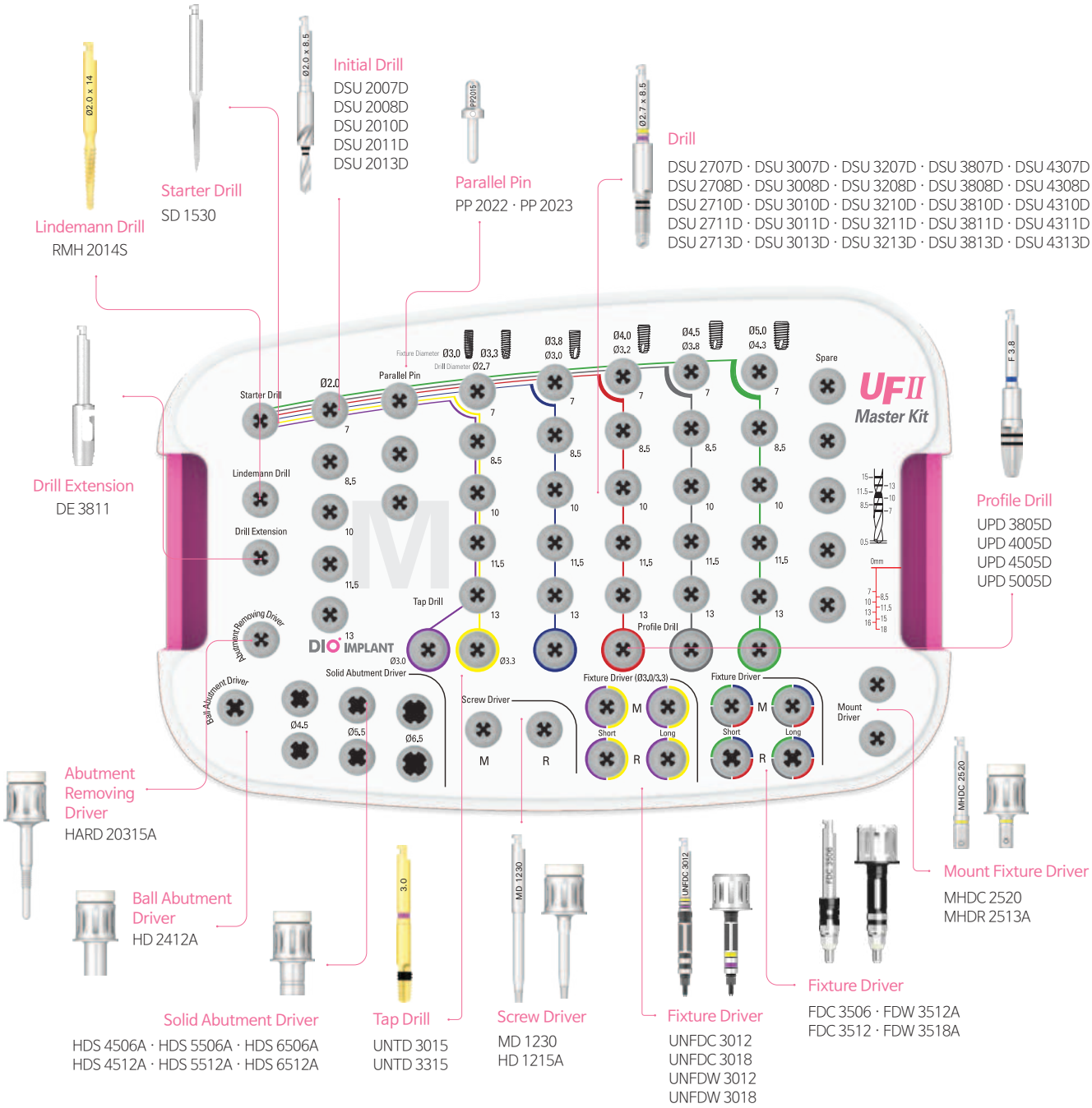


UFⅡ Master Kit

Kit Code I UF 06

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

Unit mm I Drill Scale 1 : 0.9



Torque Wrench
DTW 0060

Open Wrench
OW 004

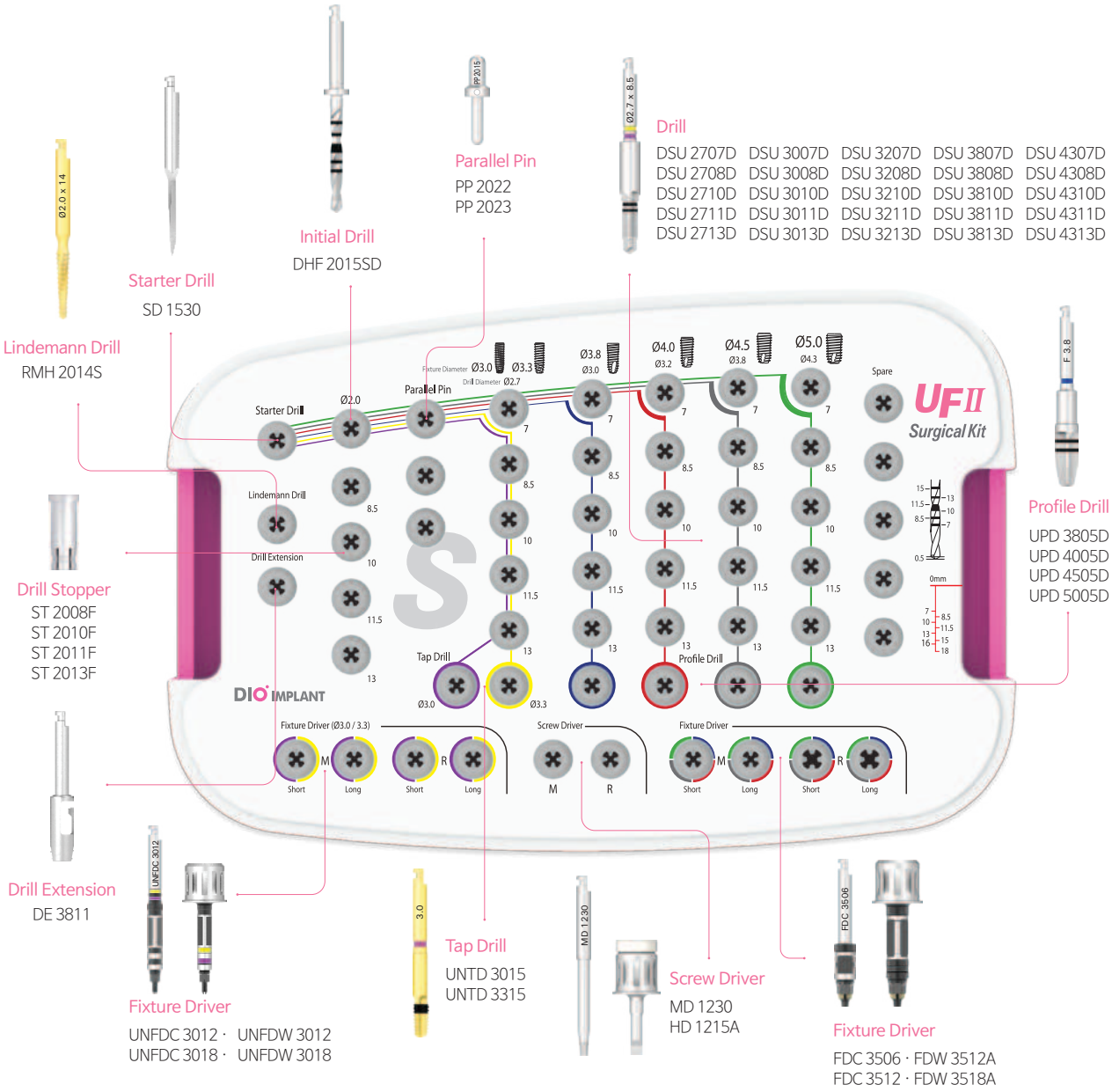
Depth Gauge
DPG 2050

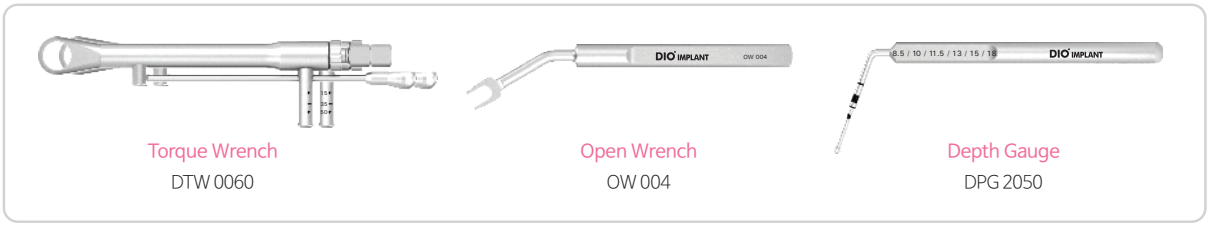
UFII Surgical Kit

Kit Code I UF 07

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

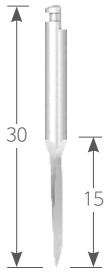
Unit mm I Drill Scale 1 : 0.9





Surgical Tool

Starter Drill



Unit mm I Scale 1 : 1.15

K

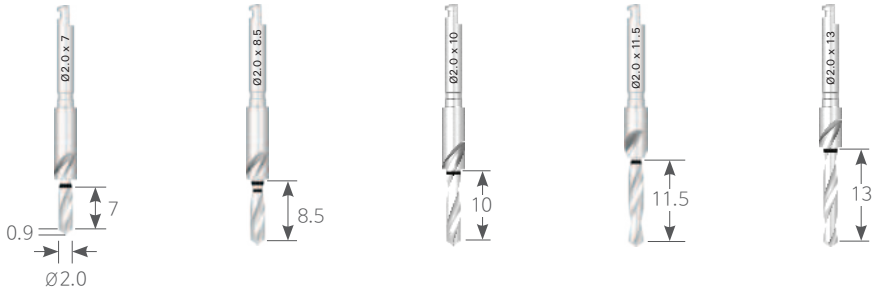
Code	SD **1530**

Initial Drill

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

Unit mm I Scale 1 : 1

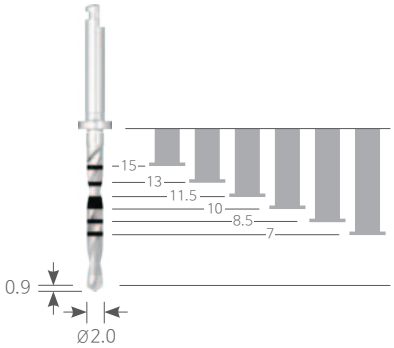
Code	DSU **2007D**	DSU **2008D**	DSU **2010D**	DSU **2011D**	DSU **2013D**



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

Unit mm I Scale 1 : 1.2

Code	DHF **2015SD**



Drill stopper

● Sold separately

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

Unit mm I Scale 1 : 1

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

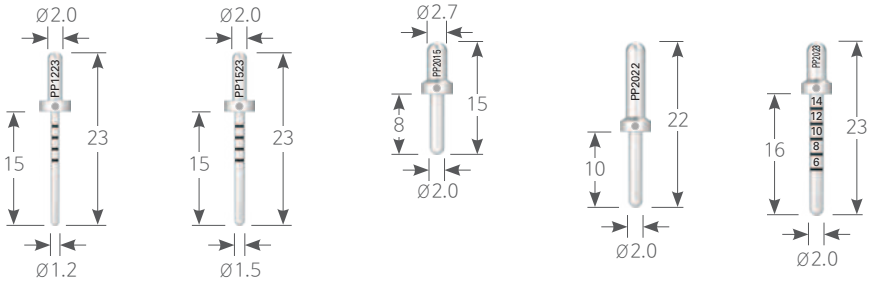
Parallel Pin

● Sold separately

K

Unit mm I Scale 1 : 1

Code	PP 1223	PP 1523	PP 2015	PP 2022	PP 2023



Path Pin

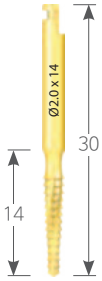
● Sold separately

K

Unit mm I Scale 1 : 1.2

Code	DPP 3512

Lindemann Drill

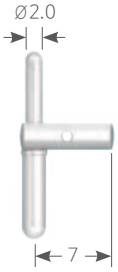


K **D Ø2.0**

Unit mm I Scale 1 : 1.2

Code	RMH 2014S

Positioning Guide



● Sold separately

K **D Ø2.0**

Unit mm I Scale 1 : 1.2

Code	PG 0060

Angled Path Pin

● Sold separately

K

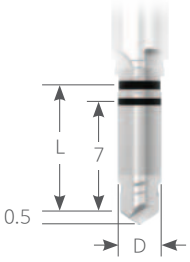
Unit mm I Scale 1 : 1.15

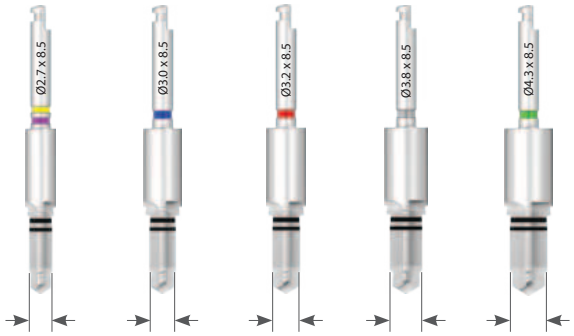
Code	DAP 4515A	DAP 4515B

Type	Hex A	Hex B

Surgical Tool

Drill





	Ø2.6	Ø2.9	Ø3.1	Ø3.7	Ø4.2
Color					

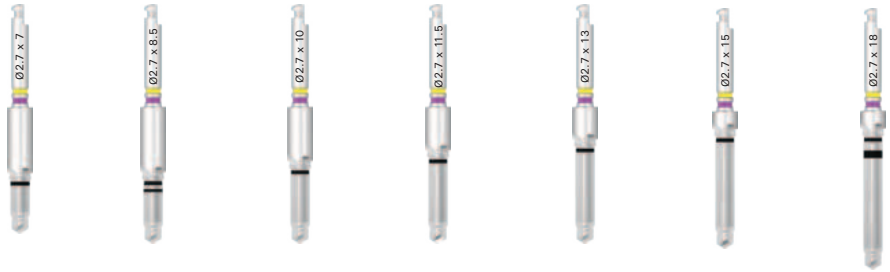
Scale 1 : 1.15

● Sold separately

K D Ø2.6

Unit mm I Scale 1 : 1

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



K D Ø2.9

Unit mm I Scale 1 : 1

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

K D Ø3.1

Unit mm I Scale 1 : 1

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

K D Ø3.7

Unit mm I Scale 1 : 1

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

K D Ø4.2

Unit mm I Scale 1 : 1

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

K D Ø4.7

Unit mm I Scale 1 : 1

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

Surgical Tool

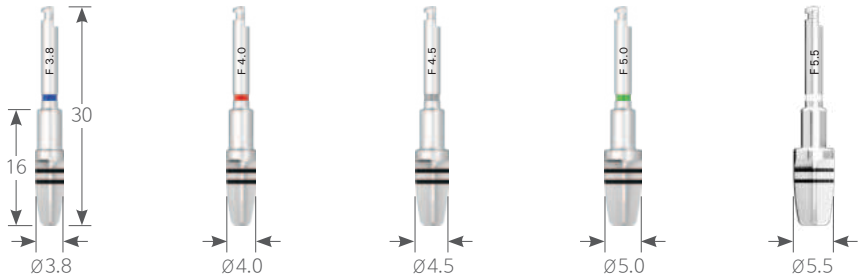
Profile Drill

● Sold separately

K

Unit mm I Scale 1 : 1

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



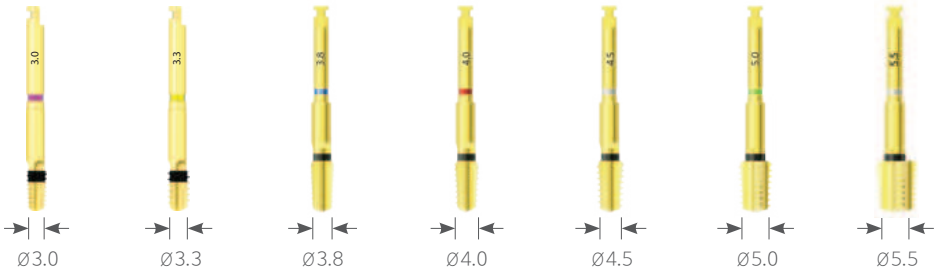
Color

Tap Drill

K

Unit mm I Scale 1 : 1

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



Color

Drill Extension

K

Unit mm I Scale 1 : 1.2

Code	DE **3811**

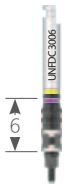
Fixture Driver Narrow

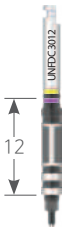
● Sold separately

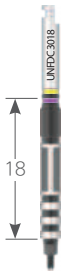
K Machine

Unit mm I Scale 1 : 1

Code	UNFDC 3006	UNFDC 3012	UNFDC 3018

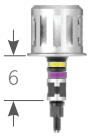


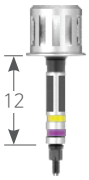


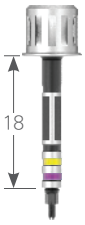


K Ratchet

Code	UNFDW 3006	UNFDW 3012	UNFDW 3018







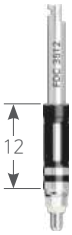
Fixture Driver Regular / Wide

● Sold separately

K Machine

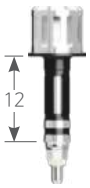
Unit mm I Scale 1 : 1

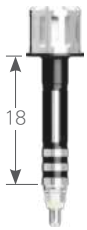
Code	FDC 3506	FDC 3512	FDC 3518



K Ratchet

Code	FDW 3506A	FDW 3512A	FDW 3518A





Surgical Tool

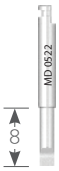
Screw Driver Machine

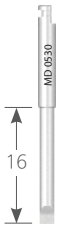
● Sold separately

Unit mm I Scale 1 : 1

K Slot 0.5

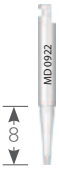
Code	MD 0522	MD 0530

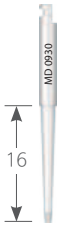




K Hex 0.9

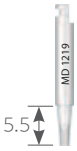
Code	MD 0922	MD 0930

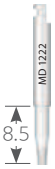


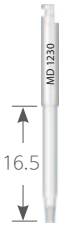


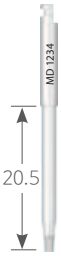
K Hex 1.2

Code	MD 1219	MD 1222	MD 1230	MD 1234	MD 1239



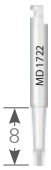


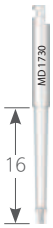




K Torx 1.7

Code	MD 1719	MD 1722	MD 1730





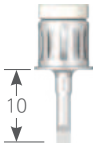
Screw Driver Ratchet

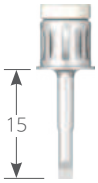
● Sold separately

Unit mm I Scale 1 : 1

K Slot 0.5

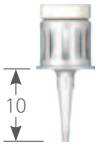
Code	HD 0510A	HD 0515A

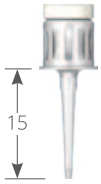


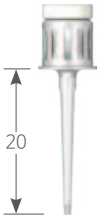


K Hex 0.9

Code	HD 0910A	HD 0915A	HD 0920A

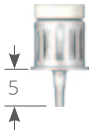


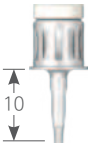


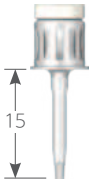


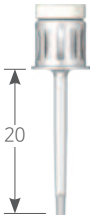
K Hex 1.2

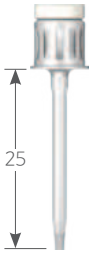
Code	HD 1205A	HD 1210A	HD 1215A	HD 1220A	HD 1225A	HD 1230A

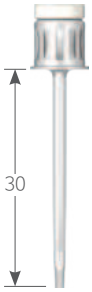






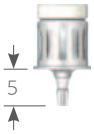


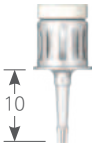


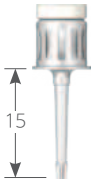


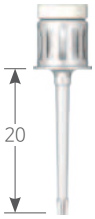
K Torx 1.7

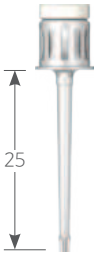
Code	HD 1705A	HD 1710A	HD 1715A	HD 1720A	HD 1725A











Surgical Tool

Fixture Mount Driver

· Only use UF II Master Kit

K Hex **2.5**

Unit mm I Scale 1 : 1

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

Solid Abutment Driver

· Only use UF II Master Kit

K

Unit mm I Scale 1 : 1.2

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

Ball Abutment Driver

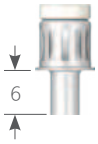
· Only use UF II Master Kit

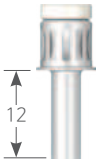
● Sold separately

K

Unit mm I Scale 1 : 1

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





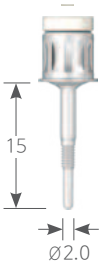
Abutment Removing Driver

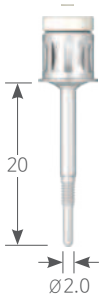
· Only use UF II Master Kit

K

Unit mm I Scale 1 : 1

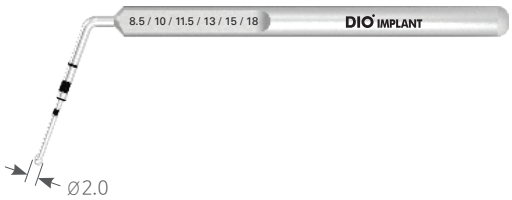
Code	HARD **20315A**	HARD **20320A**





Surgical Tool

Depth Gauge



K **D Ø2.0**

Unit mm I Scale 1 : 1

Code	DPG **2050**

Open Wrench

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

K

Unit mm I Scale 1 : 1

Code	OW **004**

Torque Wrench

K

Unit mm I Scale 1 : 1

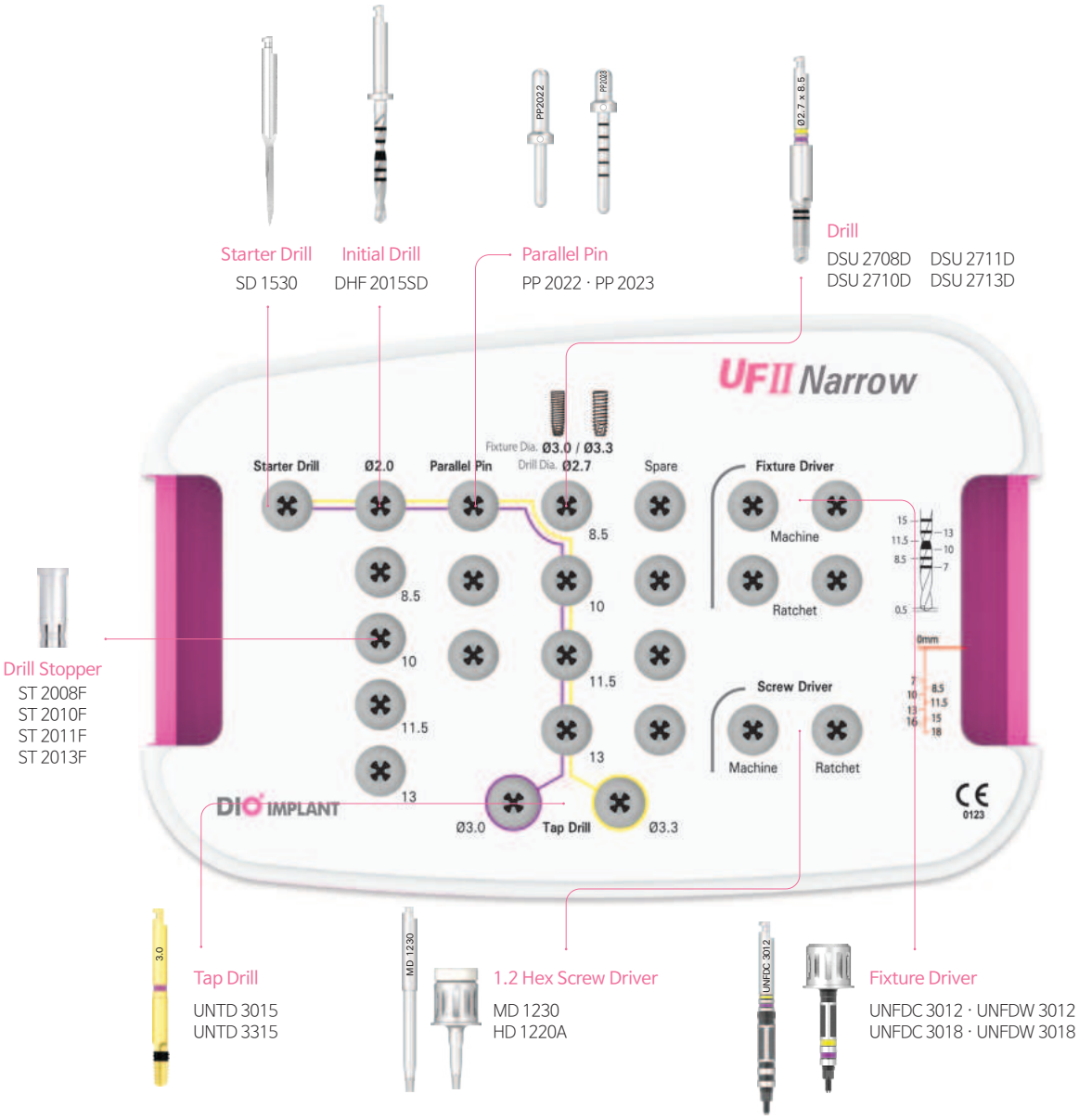
Code	DTW **0060**

UFII Narrow Kit

Kit Code I UF 08

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

Unit mm I Drill Scale 1 : 0.9

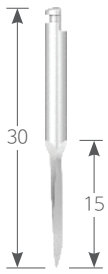


Depth Gauge
DPG 2050

Torque Wrench
DTW 0060

Surgical Tool

Starter Drill

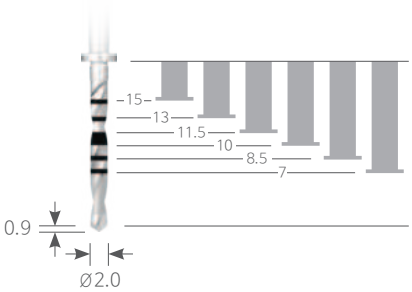


K

Unit mm I Scale 1 : 1.2

Code	SD **1530**

Initial Drill



K **D Ø2.0**

Unit mm I Scale 1 : 1.2

Code	DHF **2015SD**

Drill stopper

K **D Ø2.0**

Unit mm I Scale 1 : 1

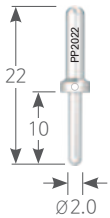
Code	ST **2015F**	ST **2013F**	ST **2011F**	ST **2010F**	ST **2008F**

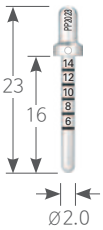
Parallel Pin

K **D Ø2.0**

Unit mm I Scale 1 : 1

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





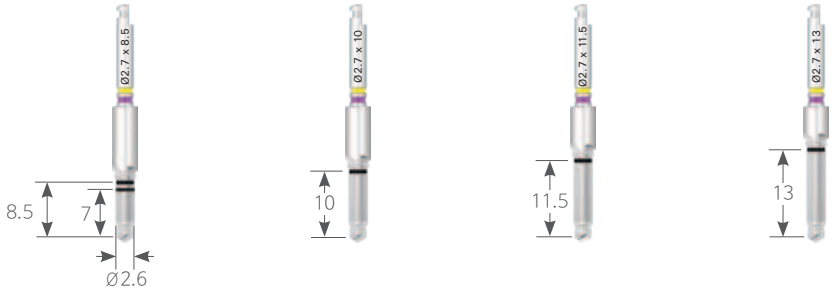
Surgical Tool

Drill

K **D Ø2.6**

Unit mm I Scale 1 : 1

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



Tap Drill

K

Unit mm I Scale 1 : 1

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

Fixture Driver

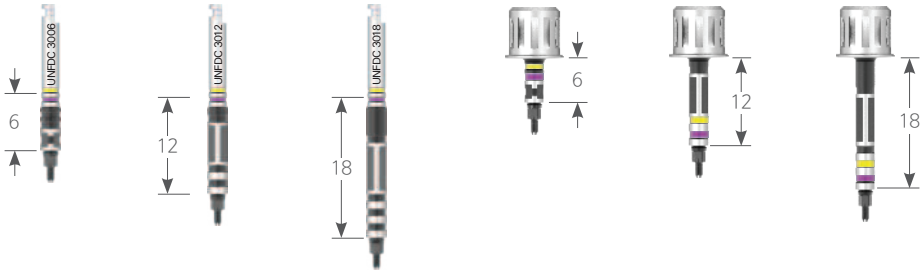
· Maximum Tightening Torque : 50Ncm

● Sold separately

K

Unit mm I Scale 1 : 1

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

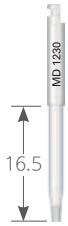


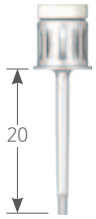
Screw Driver

K Hex **1.2**

Unit mm I Scale 1 : 1

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





Solid Abutment Driver

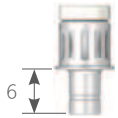
· Only use UFII Narrow Kit

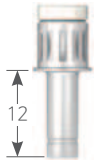
● Sold separately

K **D Ø4.0**

Unit mm I Scale 1 : 1

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



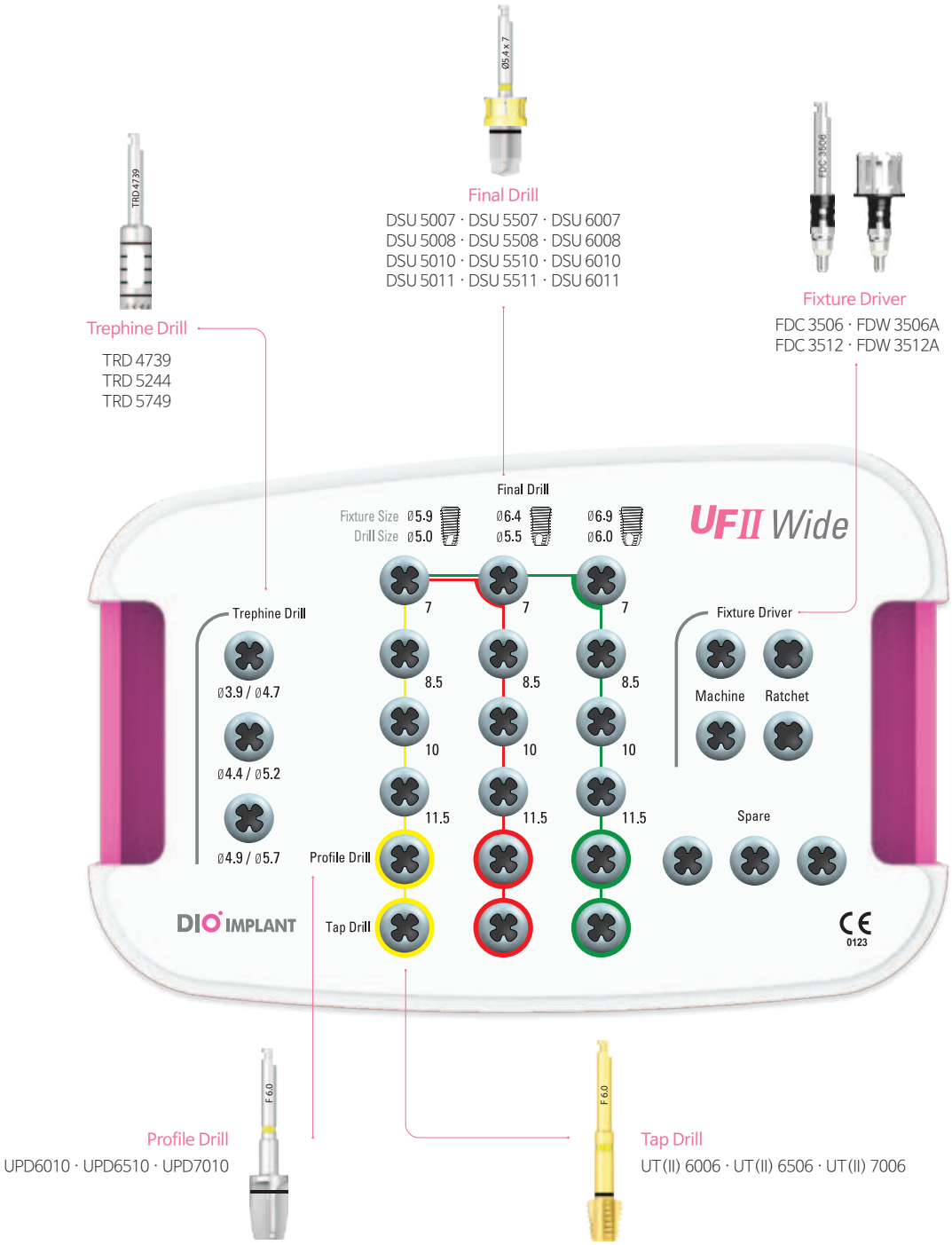


UFⅡ Wide Kit

Kit Code I UF 09

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

Unit mm I Drill Scale 1 : 0.9



Surgical Tool

Trephine Drill

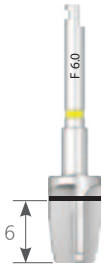
Scale 1 : 1.15

K

Unit mm I Scale 1 : 1

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

Profile Drill



Scale 1 : 1.15

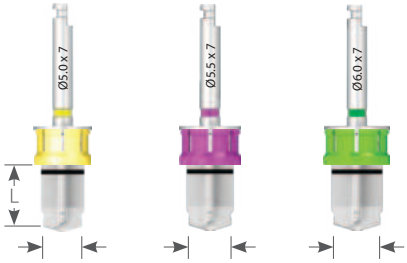
K

Unit mm I Scale 1 : 1

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

Surgical Tool

Final Drill



Scale 1 : 1.15

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

● Sold separately

K D Ø4.9

Unit mm I Scale 1 : 1

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

K D Ø5.4

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

K D Ø5.9

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

Tap Drill

K

Unit mm I Scale 1 : 1

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

Color

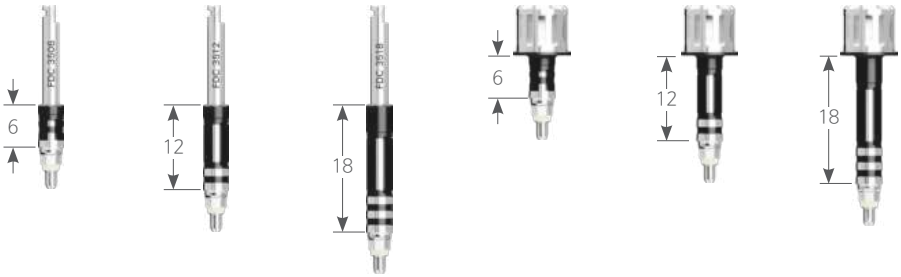
Fixture Driver

Sold separately

K **D Ø3.6**

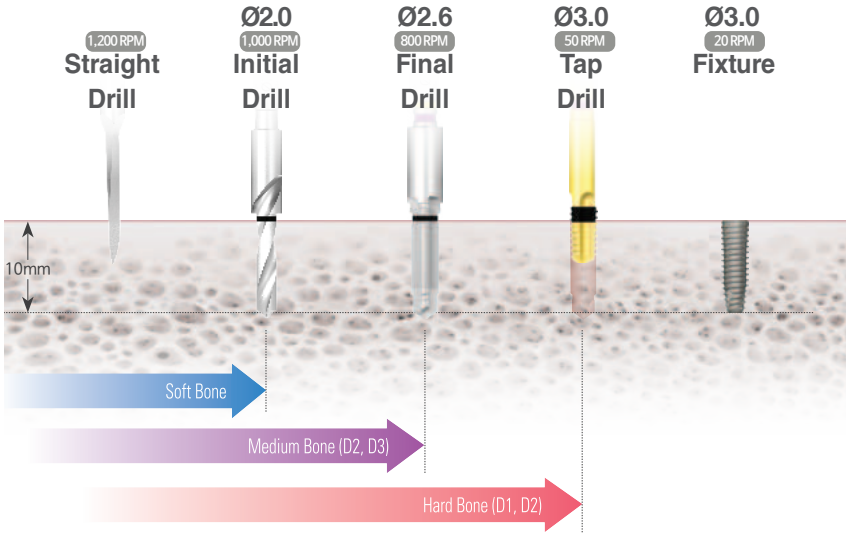
Unit mm I Scale 1 : 1

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

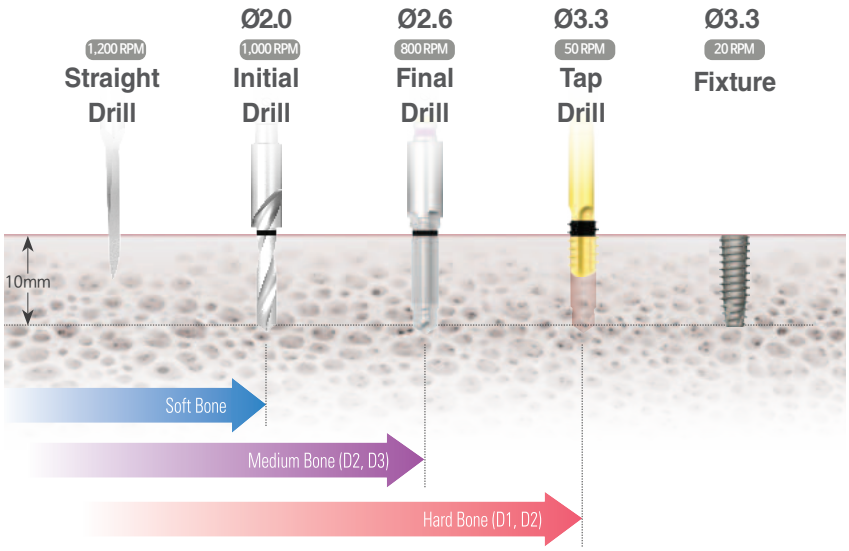


UF II Surgical Protocol

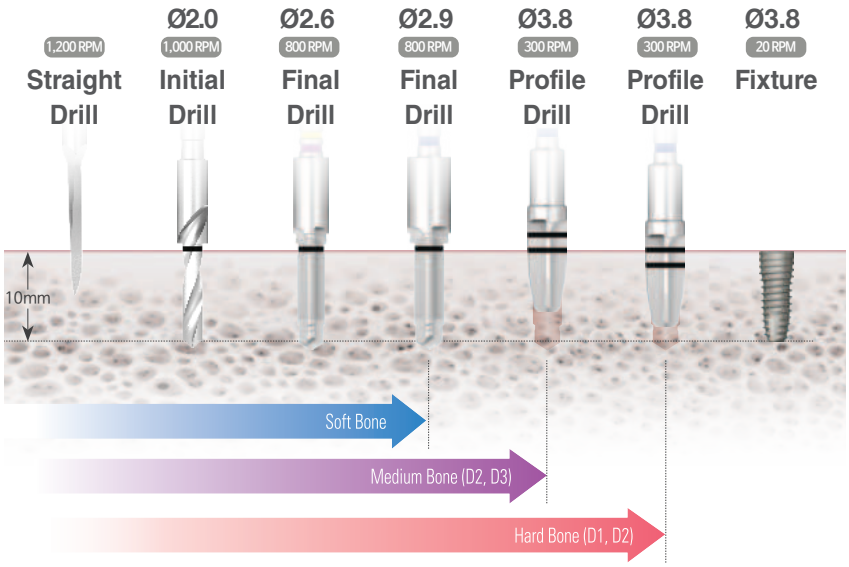
Ø3.0 Fixture



Ø3.3 Fixture

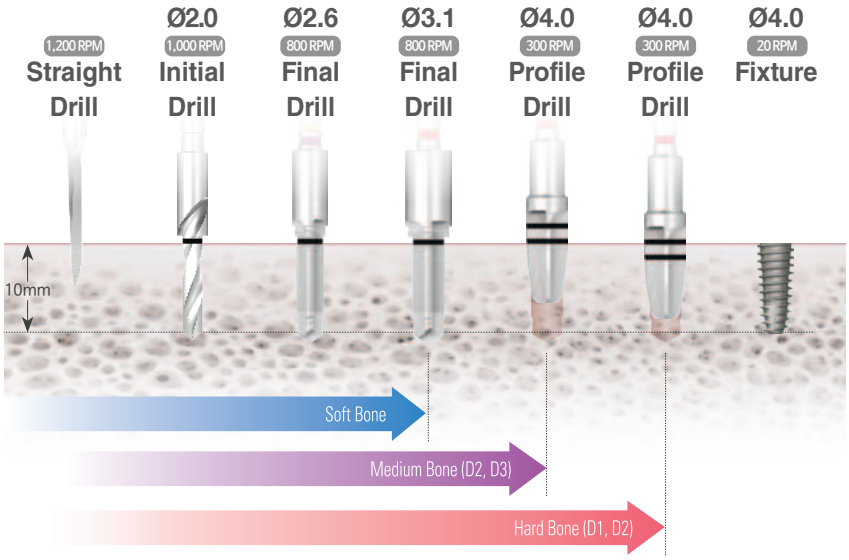


Ø3.8 Fixture

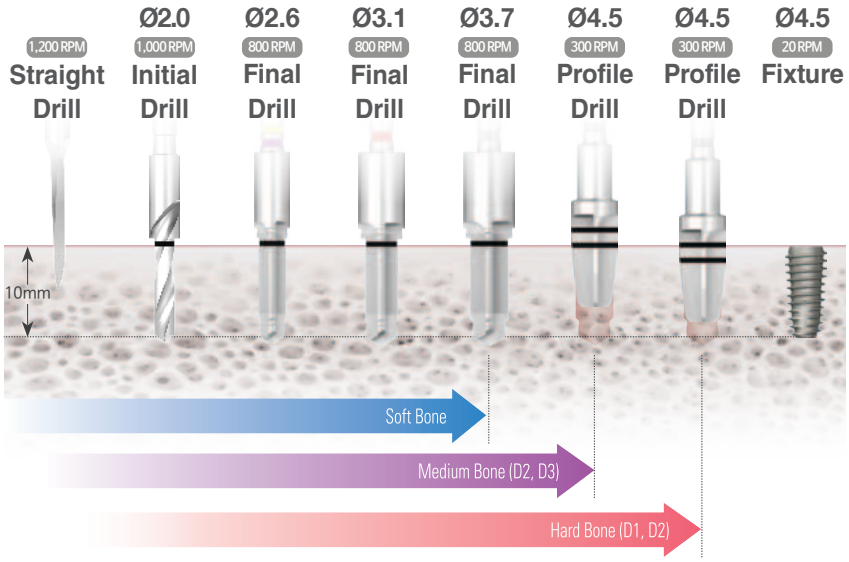


UF II Surgical Protocol

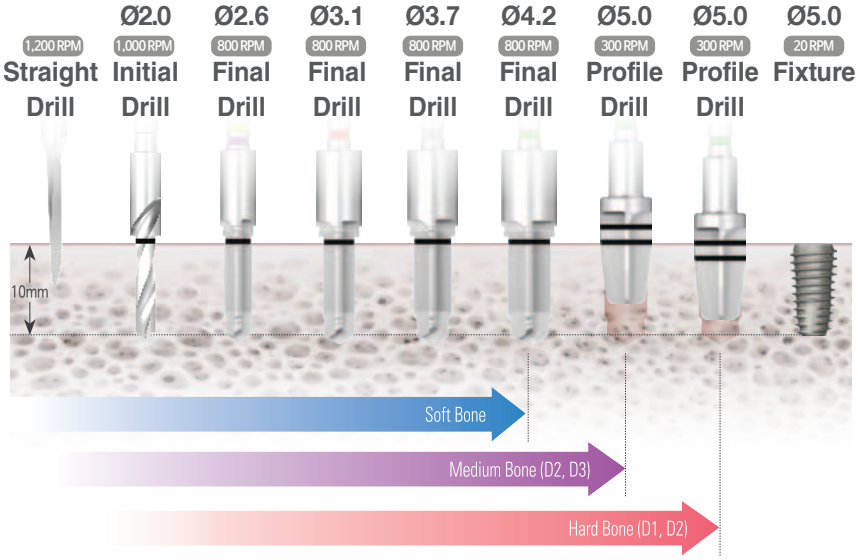
Ø4.0 Fixture



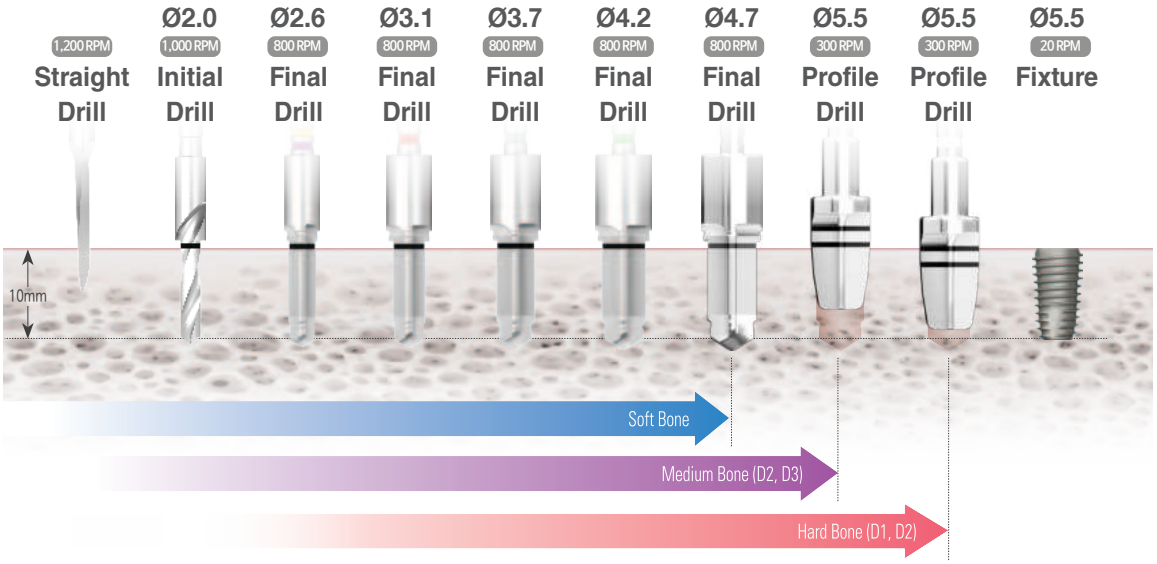
Ø4.5 Fixture



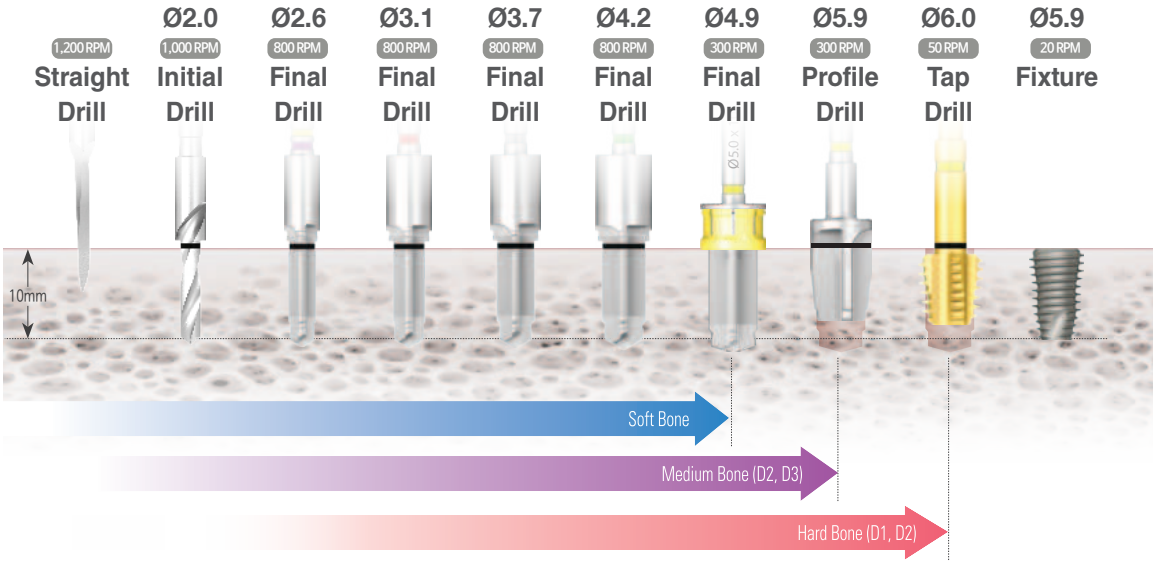
Ø5.0 Fixture



Ø5.5 Fixture

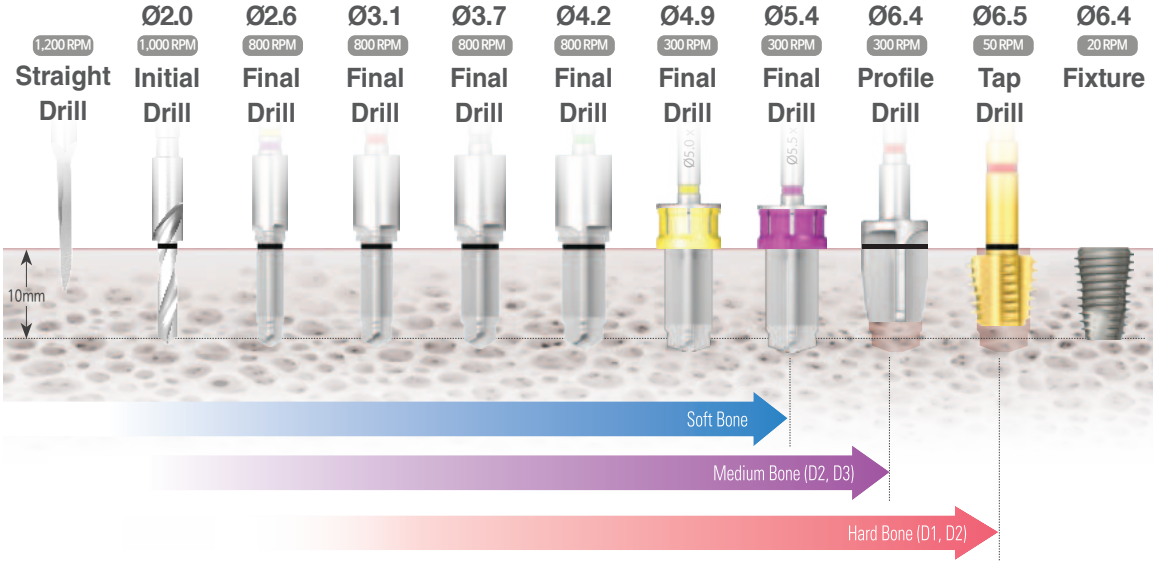


Ø5.9 Fixture

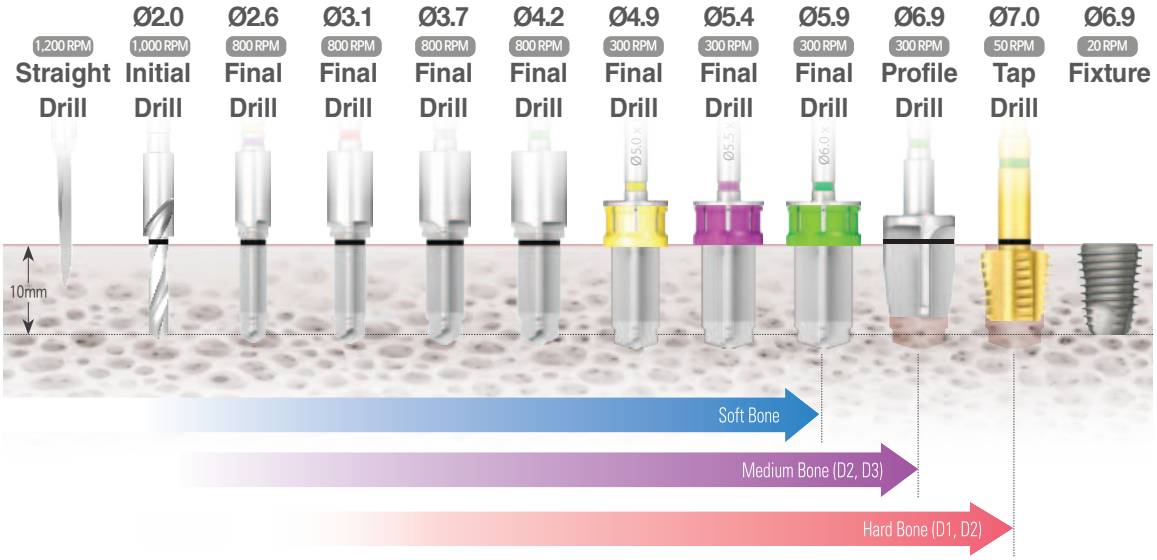


UF II Surgical Protocol

Ø6.4 Fixture

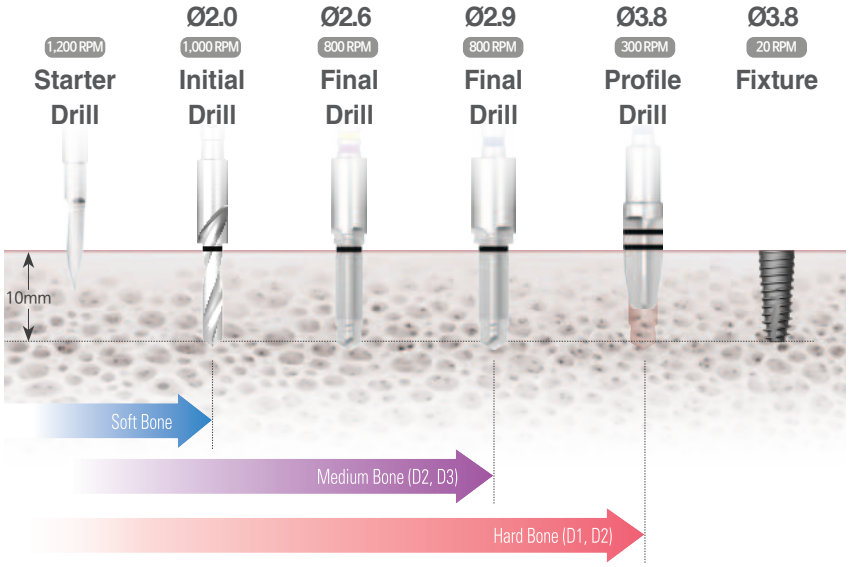


Ø6.9 Fixture

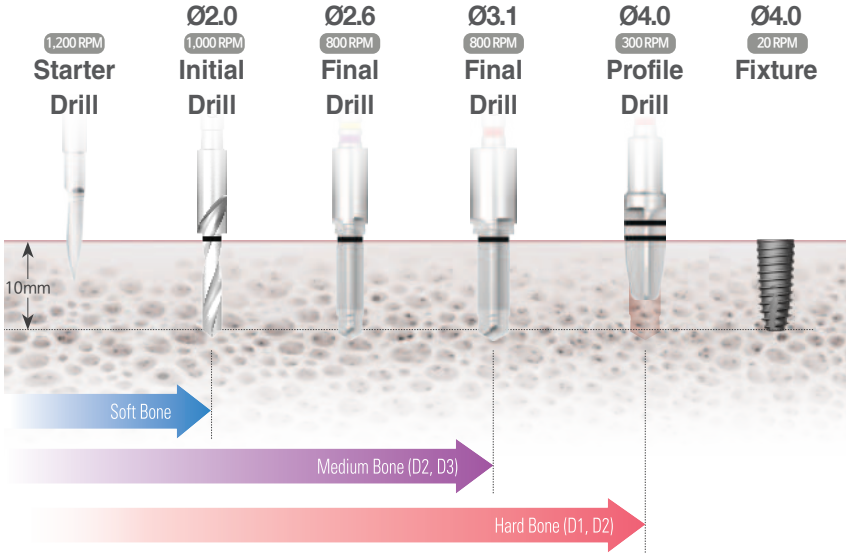


UF Surgical Protocol

Ø3.8 Fixture

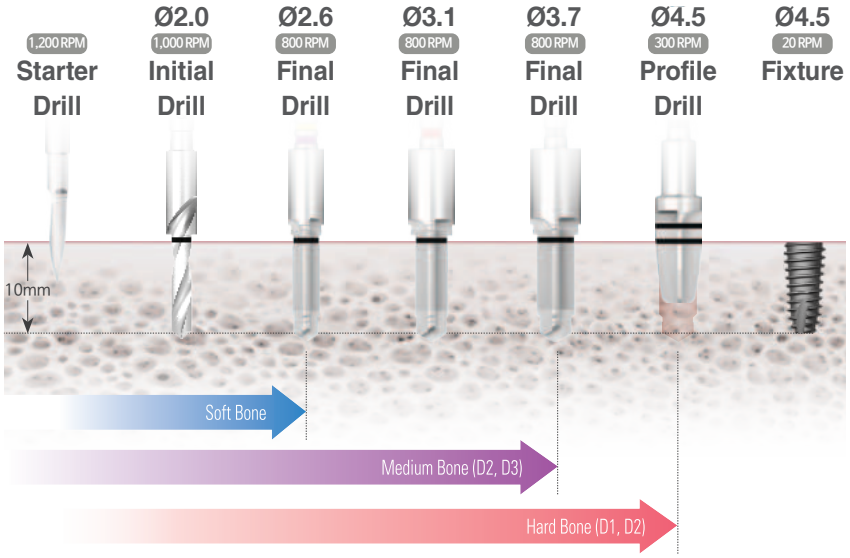


Ø4.0 Fixture

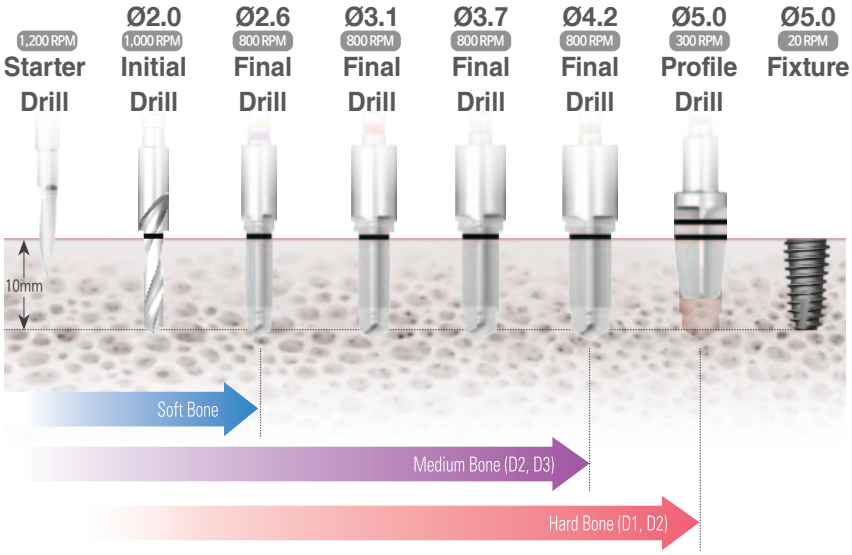


UF Surgical Protocol

Ø4.5 Fixture



Ø5.0 Fixture



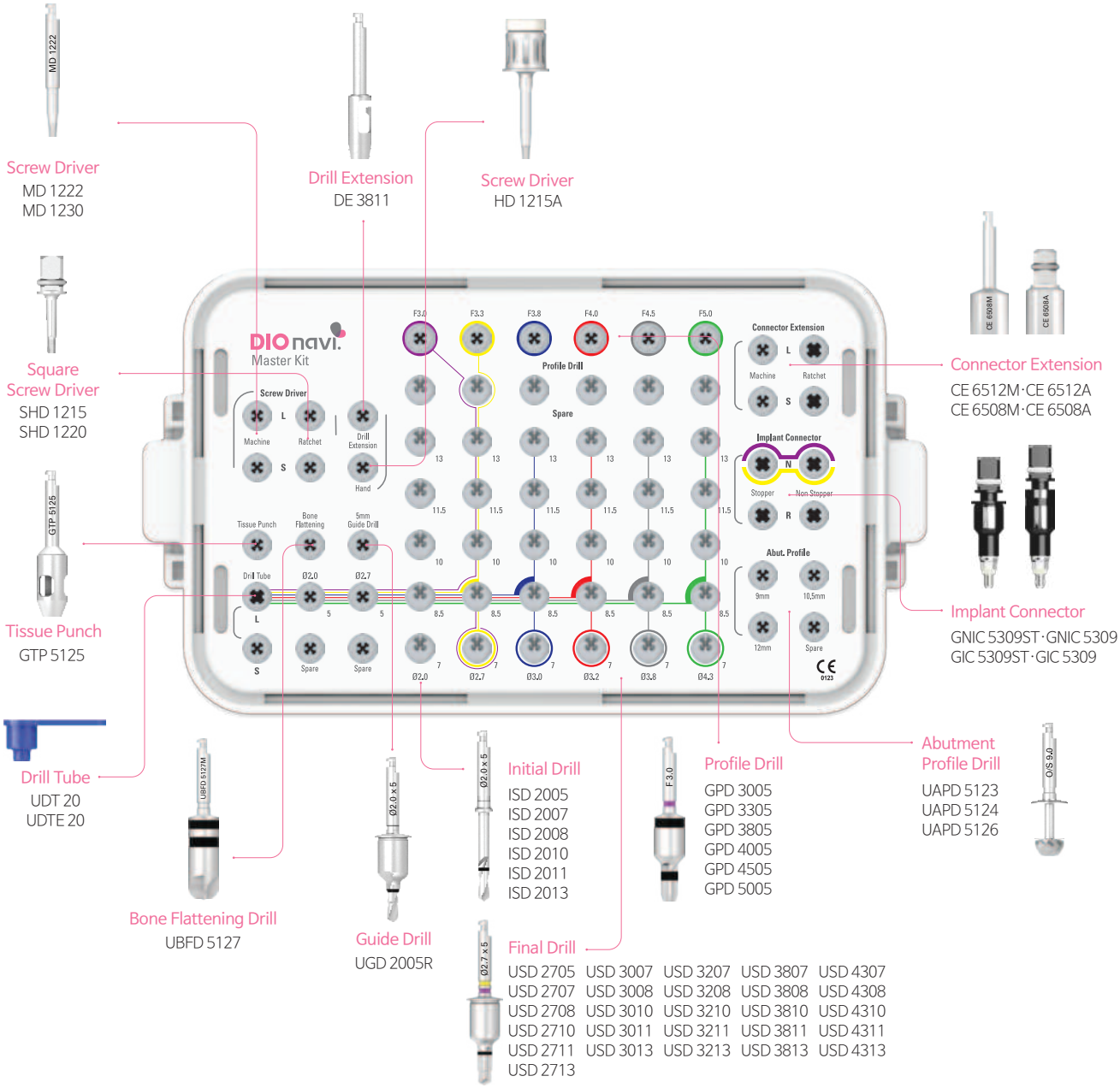
DIOnavi. Kit

DIOnavi. Master Kit

Kit Code | UF 05

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

Unit mm | 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.
(Flapless Surgery)

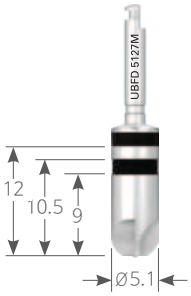
K **D Ø3.0**

Unit mm I Scale 1 : 1

Code	GTP **5125**

Bone Flattening Drill

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



K **D Ø5.1**

Unit mm I Scale 1 : 1

Code	UBFD **5127**

Guide Drill

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

K **D Ø2.0** Length **5**

Unit mm I Scale 1 : 1

Code	UGD **2005R**

Drill Extension

K Length **11**

Unit mm I Scale 1 : 1

Code	DE **3811**

Surgical Tool

Drill Tube

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

● Sold separately

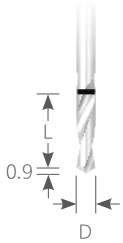
K

Unit mm I Scale 1 : 1

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

Initial Drill

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

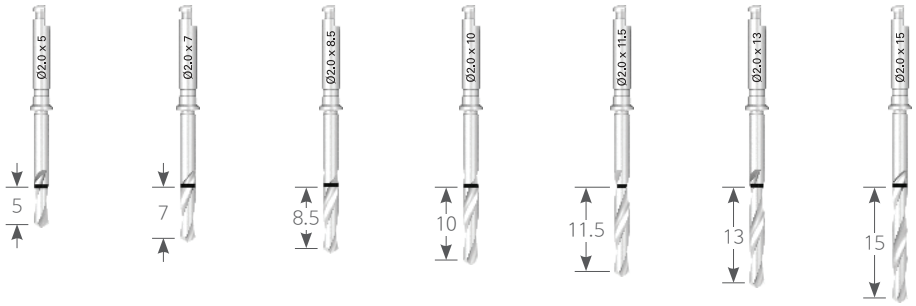


● Sold separately

K **D Ø2.0**

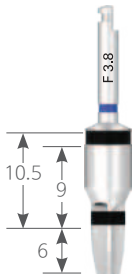
Unit mm I Scale 1 : 1

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



Profile Drill

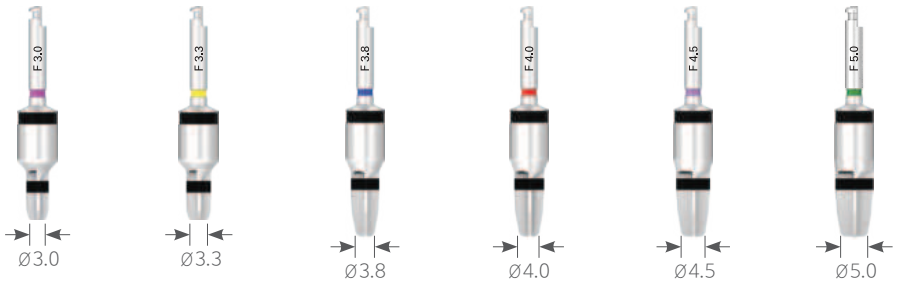
· The cortical bone is further drilled in D1 and D2 bones, and excessive placement torque is prevented.



K

Unit mm I Scale 1 : 1

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



Color

Bone Profile Drill

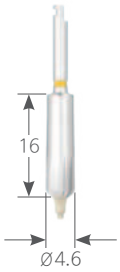
· When connecting abutment (healing) after implant placement, It is necessary to contour the bone for proper seating of the abutments. (to contour bone to allow for a wider emergence profile restoration)
· To flatten and remove bone that has grown around or over an implant which impedes its restoration.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

● Sold separately

K

Unit mm I Scale 1 : 1

Code	BPD **4616GN**	BPD **5608G**

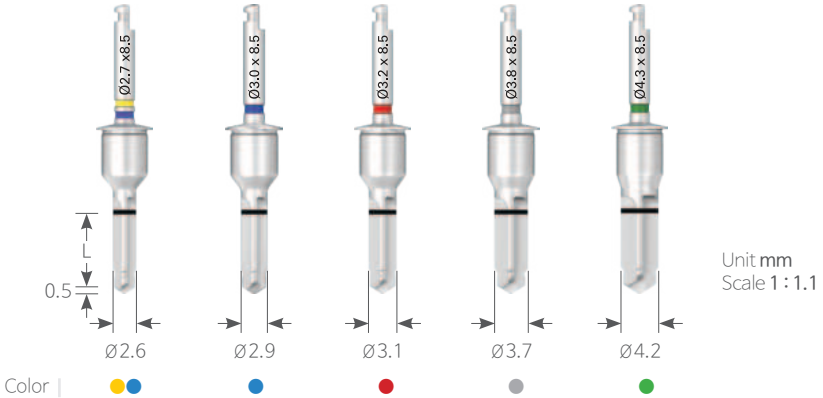


Type | Narrow | Regular

Surgical Tool

Final Drill

· The drill hole is expanded to the final drilling.



K D Ø2.6

Sold separately

Unit mm I 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 I Scale 1 : 1

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

● Sold separately

K D Ø3.1

Unit mm I Scale 1 : 1

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

K D Ø3.7

Unit mm I Scale 1 : 1

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

K D Ø4.2

Unit mm I Scale 1 : 1

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

Surgical Tool

Tap Drill

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

● Sold separately

K

Unit mm I Scale 1 : 1

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

Color | ● ● ● ● ● ●

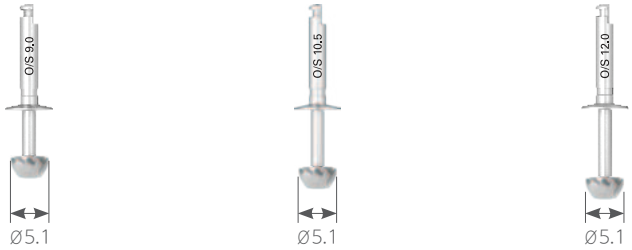
Abutment Profile Drill

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

K

Unit mm I Scale 1 : 1

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



Offset	9	10.5	12

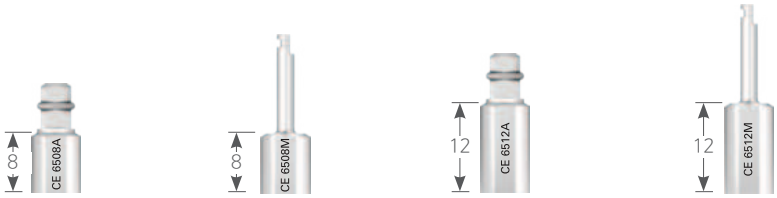
Connector Extension

· Length of the connector is extended during implant placement.

K

Unit mm I Scale 1 : 1

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



Type	Ratchet	Machine	Ratchet	Machine

Implant Connector

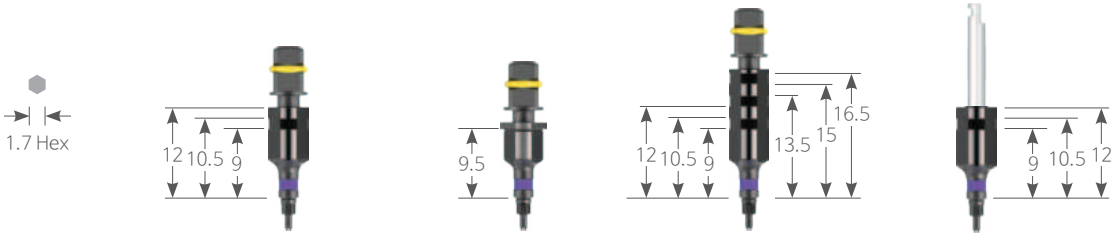
· Implant is placed according to depth of the fixture and direction of the internal hex planned in advance.
· Recommended use of UF(II) Narrow : 20 times / Be careful about excessive torque of 50Ncm or above.

● Sold separately

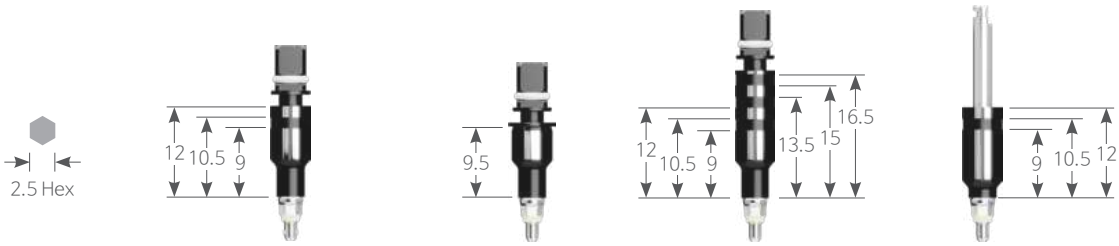
K

Unit mm I Scale 1 : 1

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



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



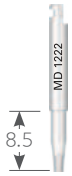
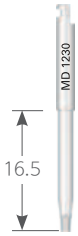
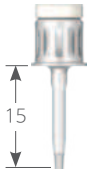
UF II **Regular** | GIC **5309** | GIC **5309ST** | GIC **5317** | GICC **5309**

Surgical Tool

Screw Driver

K Hex **1.2**

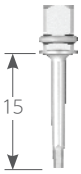
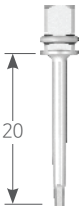
Unit mm I Scale 1 : 1

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

Sqaure Screw Driver

K Hex **1.2**

Unit mm I Scale 1 : 1

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

Torque Wrench

· To place the fixture using an implant connector

K

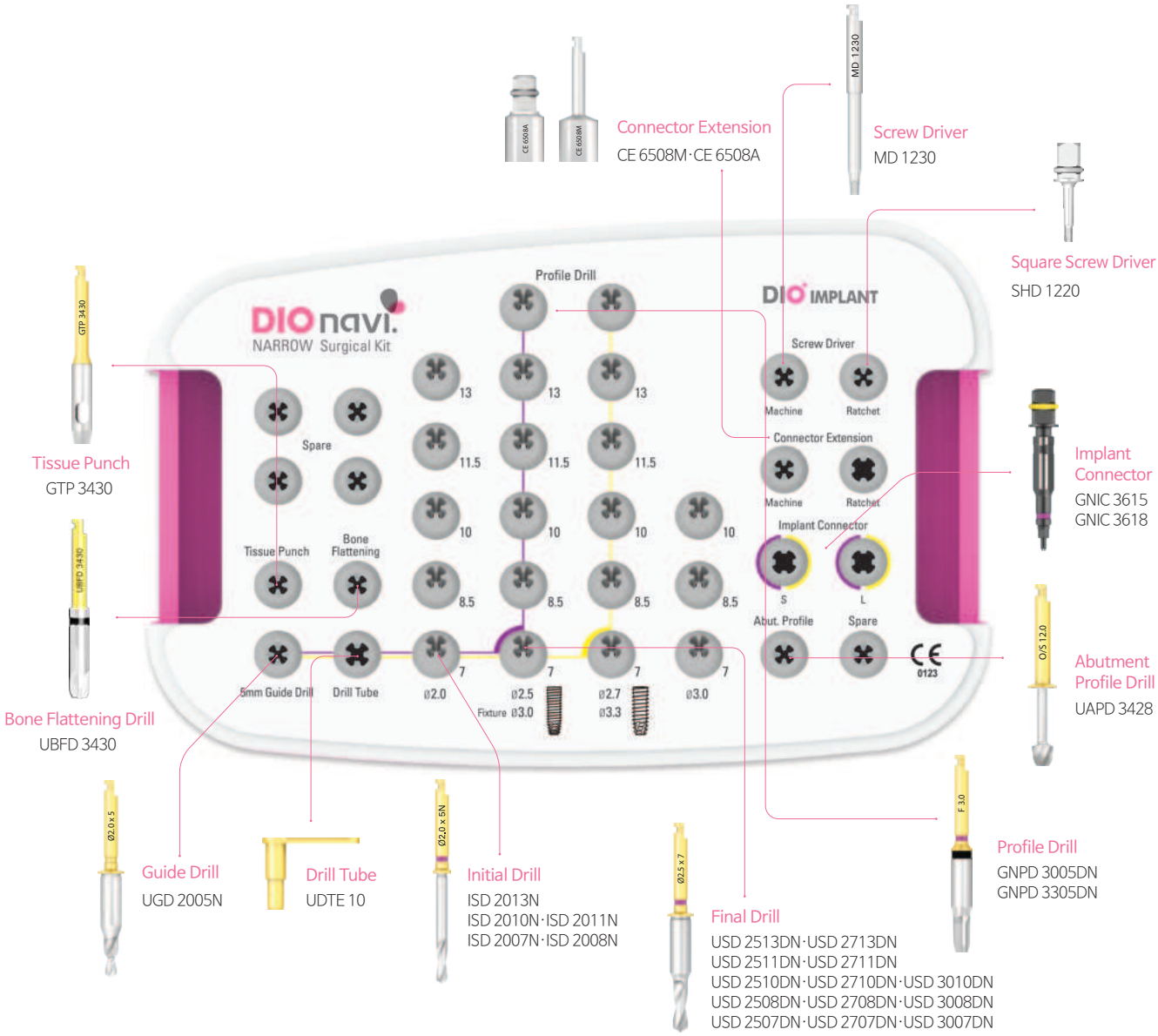
Code	DTW **0080**

DIOnavi. Narrow Kit

Kit Code | UF 14

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

Unit mm | 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).

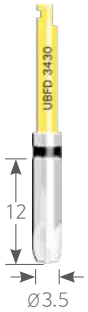
Unit mm I Scale 1 : 1.15

K **D Ø2.8**

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.

Unit mm I Scale 1 : 1.15

K **D Ø3.5**

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.

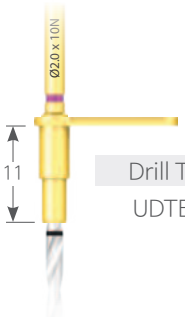
Unit mm I Scale 1 : 1.15

K **D Ø2.0**

Code	UGD **2005N**

Initial Drill

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



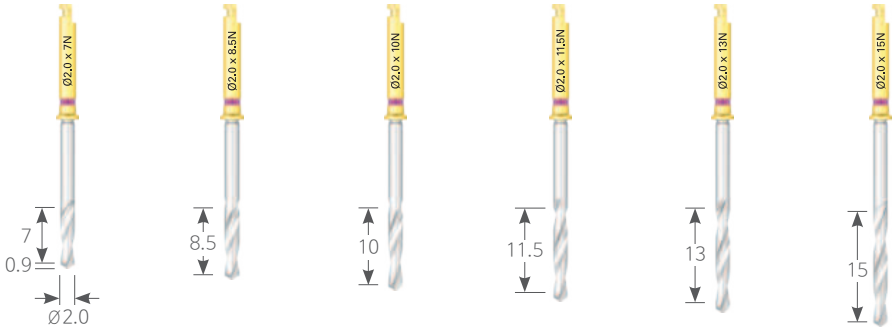
Drill Tube
UDTE **10**

● Sold separately

K **D Ø2.0**

Unit mm I Scale 1 : 1

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



Drill Tube

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

K **D Ø3.5**

Unit mm I Scale 1 : 1.15

Code	UDTE **10**

Profile Drill

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

K

Unit mm I Scale 1 : 1

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

Color	●	●

Surgical Tool

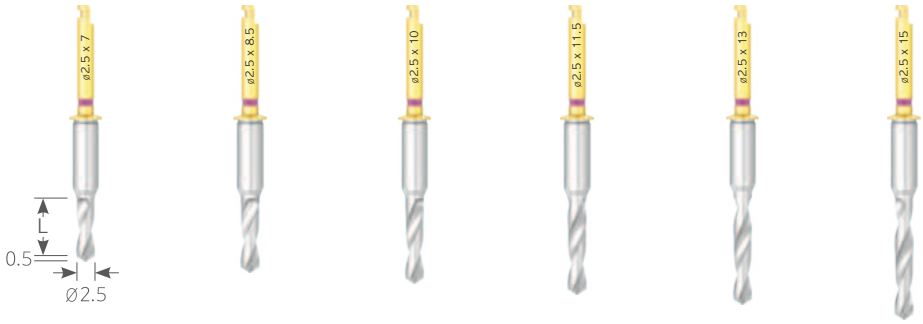
Final Drill

● Sold separately

K D Ø2.5

Unit mm I Scale 1 : 1

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



K D Ø2.6

Unit mm I Scale 1 : 1

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

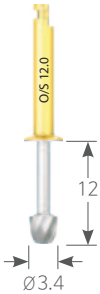
K D Ø2.9

Unit mm I Scale 1 : 1

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

Abutment Profile Drill

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



K **D Ø3.4**

Unit mm I Scale 1 : 1.15

Code	UAPD **3428**

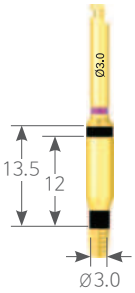
Tap Drill

· Uses 3.6 Sleeve (GSL 36YE : Yellow)

● Sold separately

K Hex 1.7

Unit mm I Scale 1 : 1

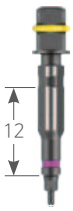
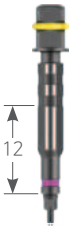
Code	GNTD **3018DN**	GNTD **3318DN**
		
Color	●	●

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 I Scale 1 : 1

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

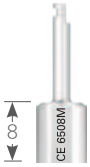
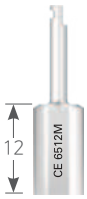
Connector Extension

· Length of the connector is extended during implant placement.

● Sold separately

K

Unit mm I Scale 1 : 1.2

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

Surgical Tool

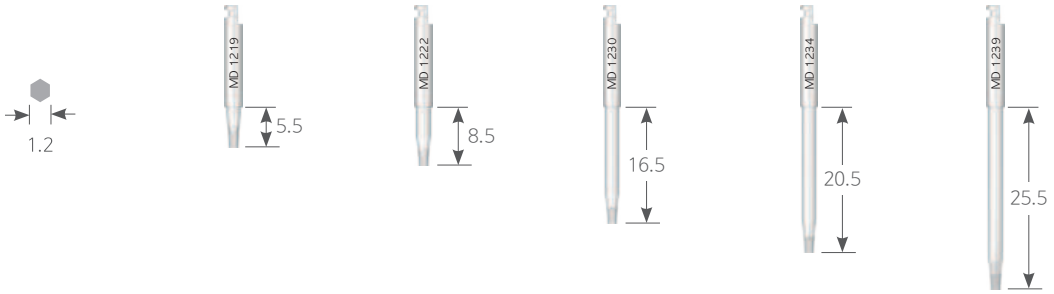
Screw Driver Machine

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

● Sold separately

K Hex **1.2** — Unit mm I Scale 1 : 1

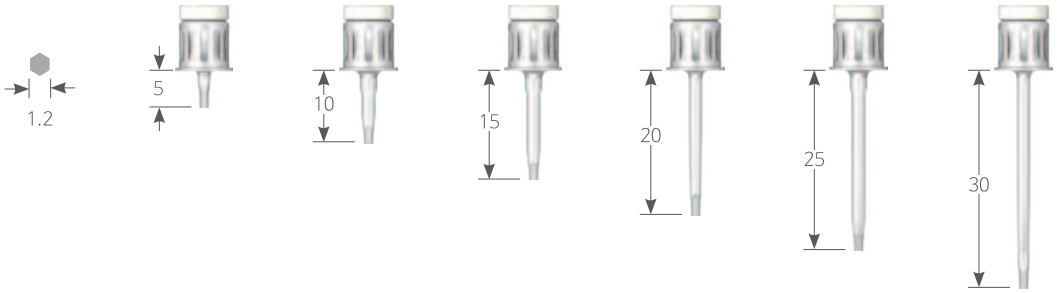
Code	MD 1219	MD 1222	MD 1230	MD 1234	MD 1239



Screw Driver Ratchet

K Hex **1.2** — Unit mm I Scale 1 : 1

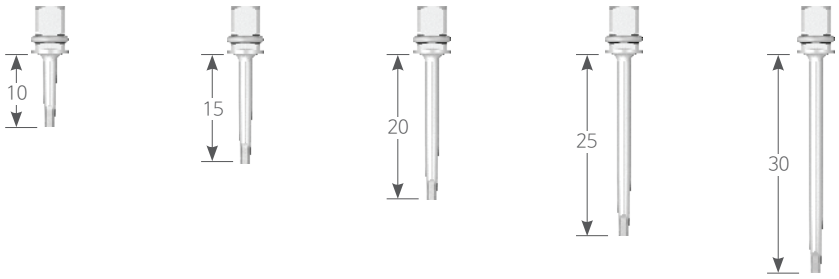
Code	HD 1205A	HD 1210A	HD 1215A	HD 1220A	HD 1225A	HD 1230A



Square Screw Driver

K Hex **1.2** — Unit mm I Scale 1 : 1

Code	SHD 1210	SHD 1215	SHD 1220	SHD 1225	SHD 1230

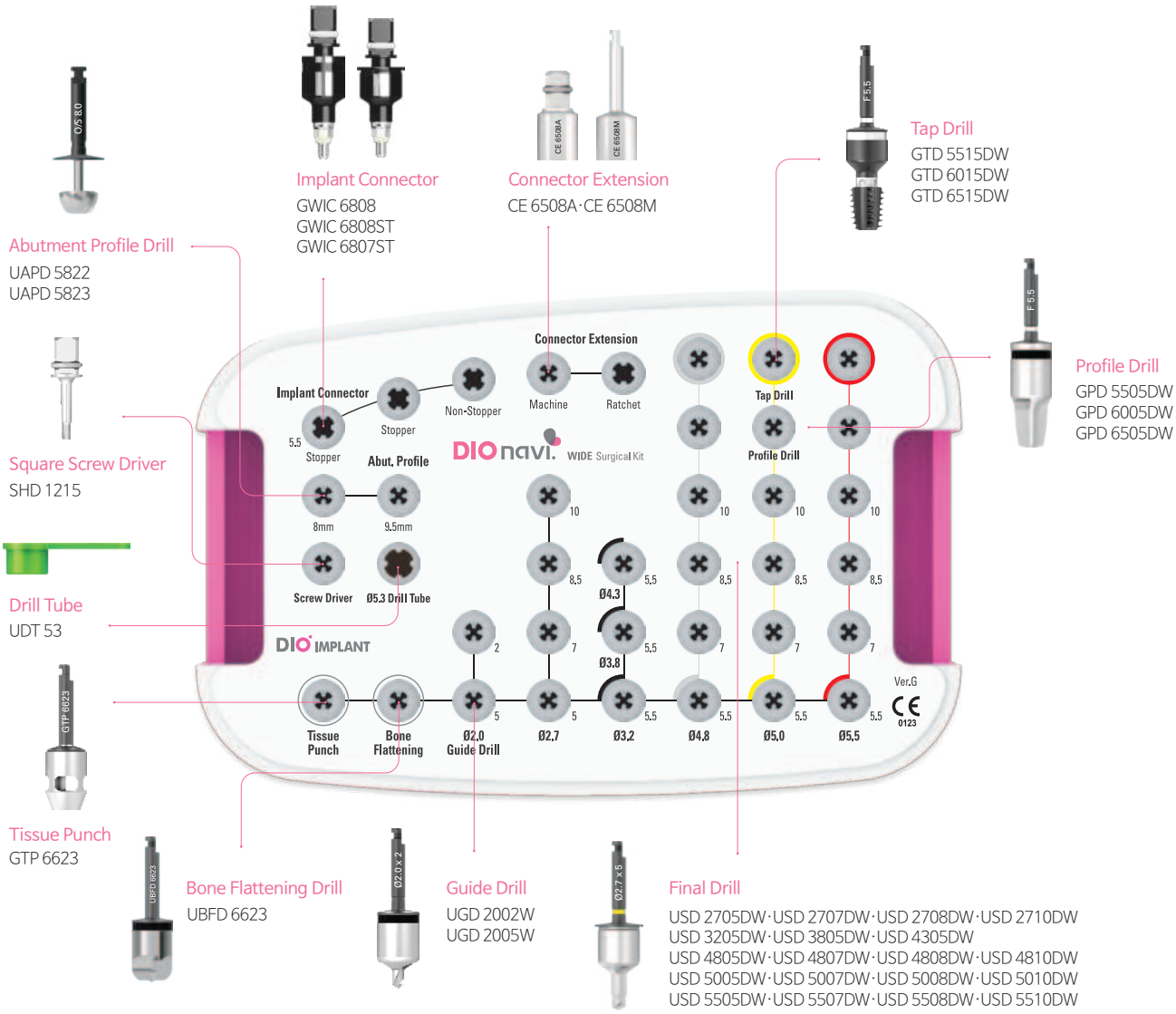


DIOnavi. Wide Kit

Kit Code I UF 11

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

Unit mm I 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 I Scale 1 : 1.15

Code	GTP **6623**

Bone Flattening Drill

· Irregular alveolar crest surface is flattened.

K

Unit mm I Scale 1 : 1.15

Code	UBFD **6623**

Drill Tube

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

K

Unit mm I Scale 1 : 1.2

Code	UDT **53**

Guide Drill

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

K **D Ø2.0**

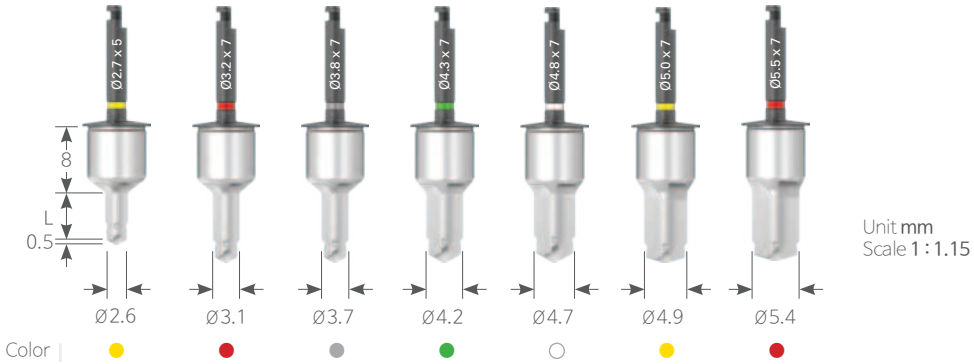
Unit mm I Scale 1 : 1

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

Surgical Tool

Final Drill

· The drill hole is expanded to the final drilling.



K D Ø2.6

Unit mm I Scale 1 : 1

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

K Length 5.5

Unit mm I Scale 1 : 1

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

Surgical Tool

K D Ø4.7

Unit mm I Scale 1 : 1

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

K D Ø4.9

Unit mm I Scale 1 : 1

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

K D Ø5.4

Unit mm I Scale 1 : 1

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

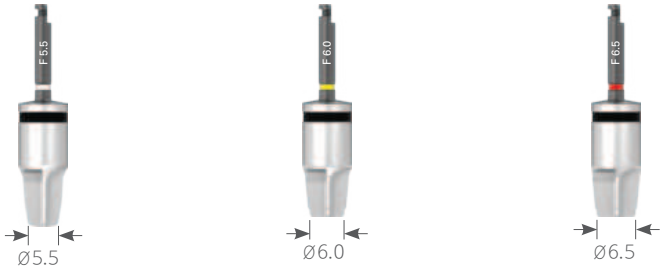
Profile Drill

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

K

Unit mm I Scale 1 : 1

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



Color

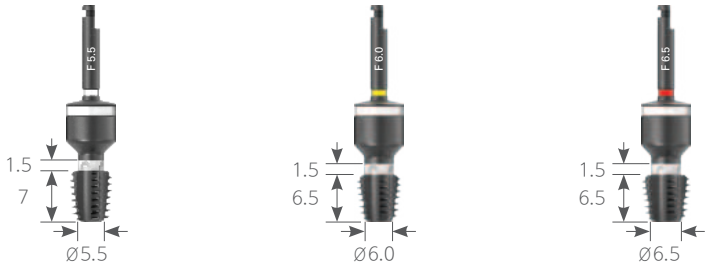
Tap Drill

· Excessive implant placement torque is prevented.

K

Unit mm I Scale 1 : 1

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



Color

Connector Extension

· Length of the connector is extended during implant placement.

K

Unit mm I Scale 1 : 1.1

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

Type | Ratchet | Machine

Abutment Profile Drill

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

K **D Ø5.8**

Unit mm I Scale 1 : 1

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

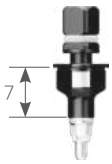
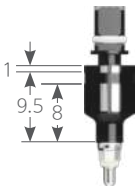
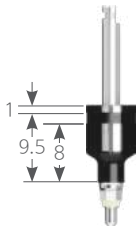
Implant Connector

· Implant is placed according to depth of the fixture and direction of the internal hex planned in advance.
· Maximum Tightening Torque : 50Ncm

● Sold separately

K

Unit mm I Scale 1 : 1

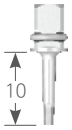
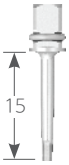
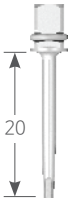
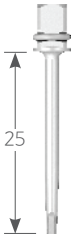
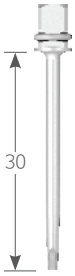
Code	GWIC **6807ST**	GWIC **6808ST**	GWIC **6808**	GWICC **6808**
				
Type	Stopper	Stopper	Non-Stopper	Machine Non-Stopper
Offset	7	8	8 / 9.5	8 / 9.5

Square Screw Driver

● Sold separately

K Hex **1.2**

Unit mm I Scale 1 : 1

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

DIOnavi. Flapless Crestal Sinus Kit

Kit Code | SMK 02

Unit mm | Drill Scale 1 : 0.9

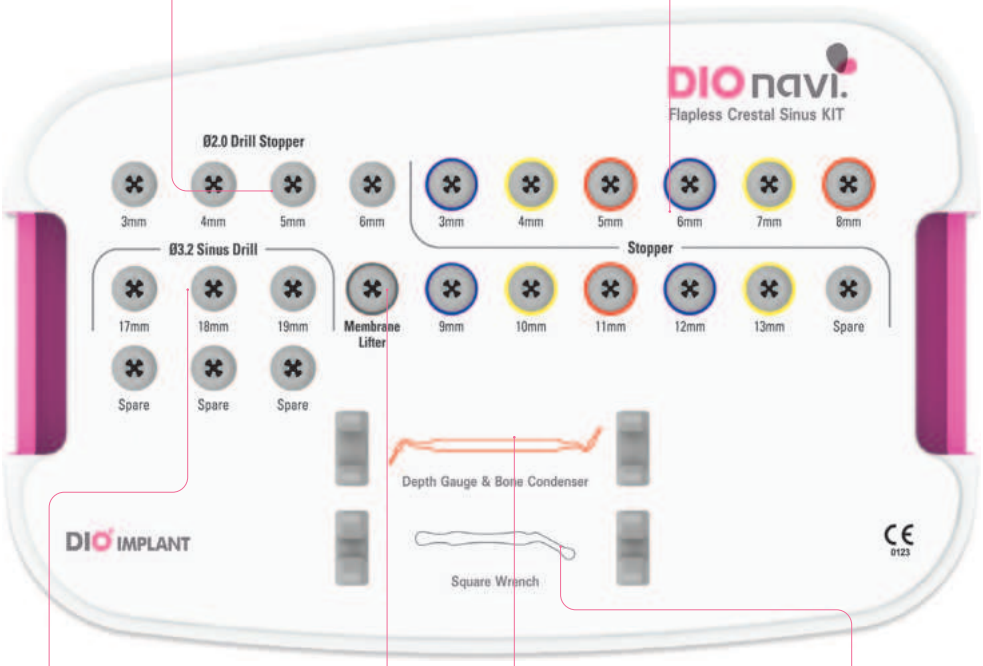
Ø3.2 Drill Stopper

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 I Scale 1 : 1

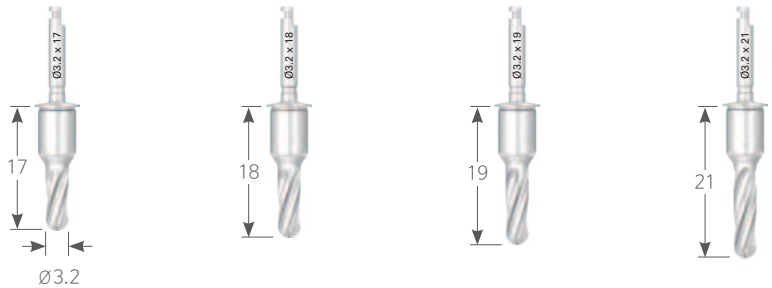
Code	GST **2030BL**	GST **2040YE**	GST **2050RD**	GST **2060BL**

Sinus Round Drill

· Dome shaped tip is designed to prevent damaging of the membrane during drilling.
· Depth must be adjusted using a stopper.
· Non-irrigation and low-speed drilling (50rpm)

K **D Ø3.2**

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



Ø3.2 Drill Stopper For crestal approach

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

K Unit mm I Scale 1 : 1

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

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

Depth Gauge & Bone Condenser

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

K

Unit mm

Code	GSDB **2619**

Membrane Lifter

· Single use only

K

Unit mm

Code	WML **6627**

Square Wrench

Unit mm

K

Code	DSW **050**

Surgical Tool

Sailine Tube

· Syringe ※ Separately sold product

● Sold separately

Unit mm

K

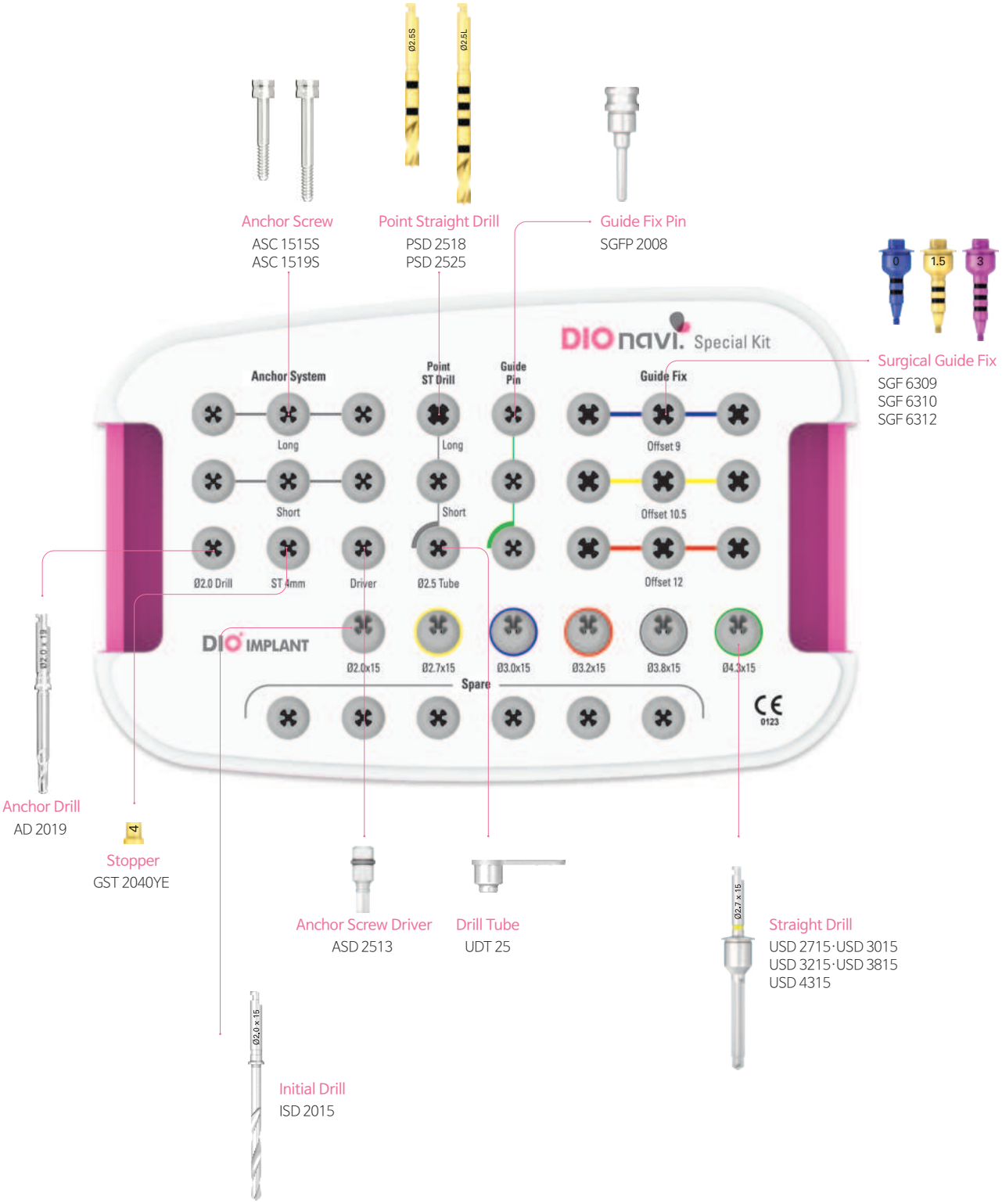
Code	MLT 40300

DIOnavi. Special Kit

Kit Code I SGF 02

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

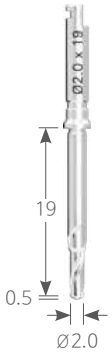
Unit mm I Drill Scale 1 : 0.9



Surgical Tool

Anchor Drill

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



K **D Ø2.0**

Unit mm I Scale 1 : 1.15

Code	AD **2019**

Stopper

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

K **D Ø2.9**

Unit mm I Scale 1 : 1.15

Code	GST **2040YE**

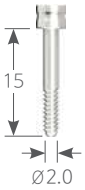
Anchor Screw

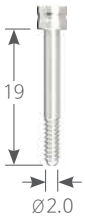
· Used to connect the anchor screw using an anchor screw driver for ratchet

K **D Ø2.0**

Unit mm I Scale 1 : 1

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





Anchor Screw Driver

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

K

Unit mm I Scale 1 : 1.15

Code	ASD **2513**

Surgical Tool

Initial Drill

K **D Ø2.0**

Unit mm I Scale 1 : 1.15

Code	ISD **2015**

Drill Tube

K

Unit mm I Scale 1 : 1.2

Code	UDT **25**

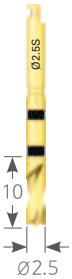
Point Straight Drill

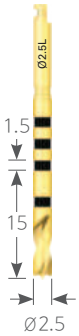
· Use of a drill tube (UDT 25) exclusive for the instrument (with a shape that prevents slipping on the bone) to form the guide hole in accurate position

K **D Ø2.5**

Unit mm I Scale 1 : 1

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



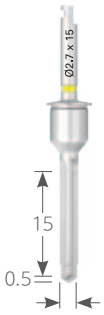


Surgical Tool

Straight Drill

K Length **15**

Unit mm I Scale 1 : 1

Code	USD **2715**	USD **3015**	USD **3215**	USD **3815**	USD **4315**
					
Color					

Surgical Guide Fix Pin

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

K

Unit mm I Scale 1 : 1.15

Code	SGFP **2008**

Surgical Guide Fix

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

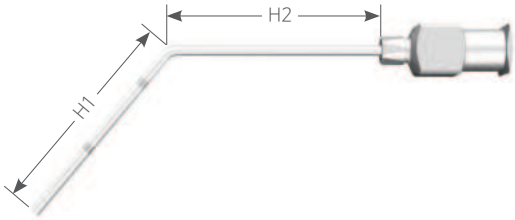
K

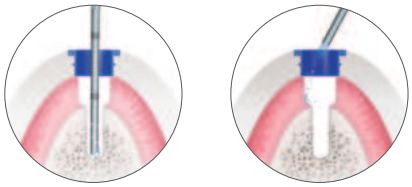
Unit mm I Scale 1 : 1

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

Metal Needle

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





O
Place the metal needle tip deep into the osteotomy site.

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

K

Unit mm I Scale 1 : 1.15

Code	MNTE	MNTL
Height 1	30	25
Height 2	50	25

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 Kit

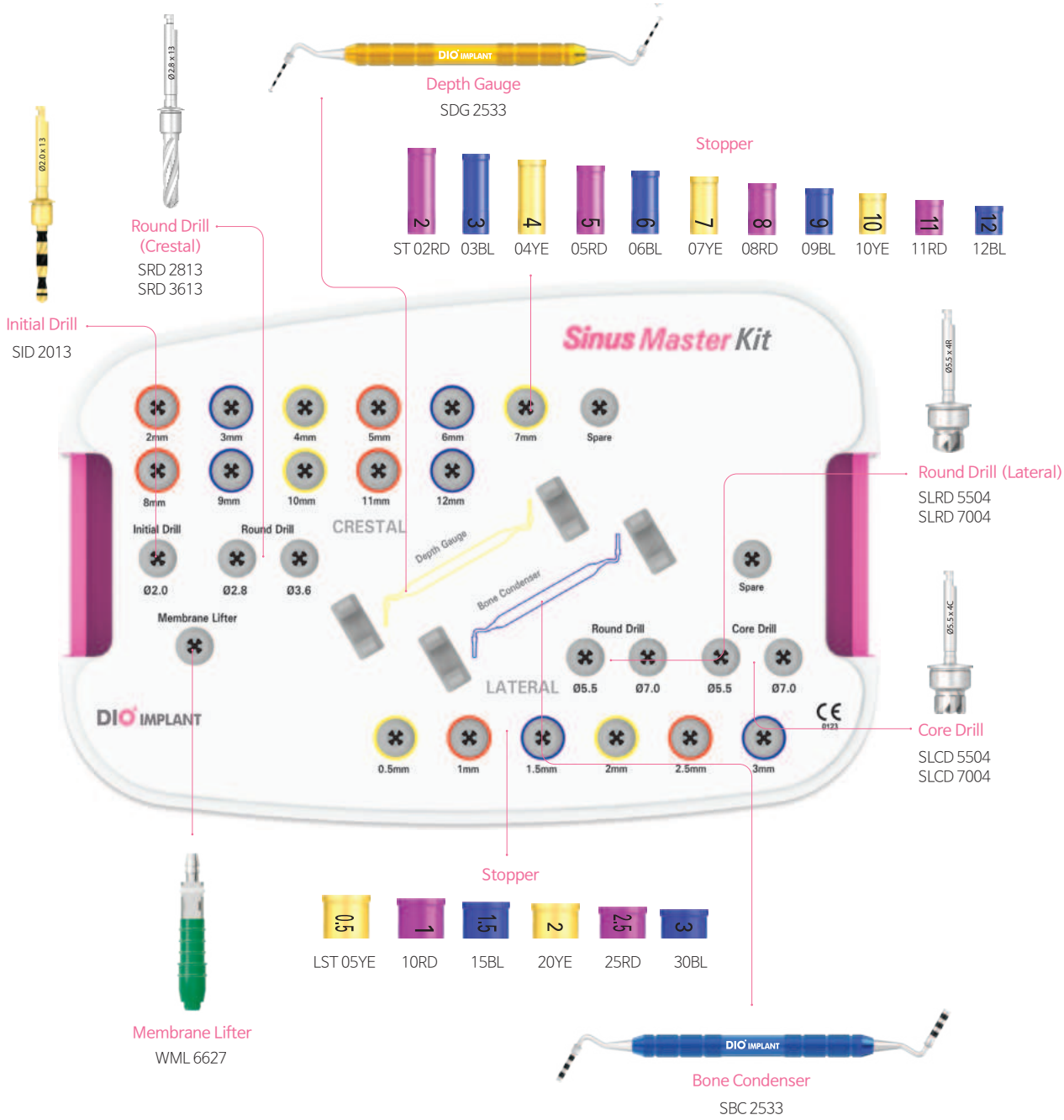
Sinus Master Kit

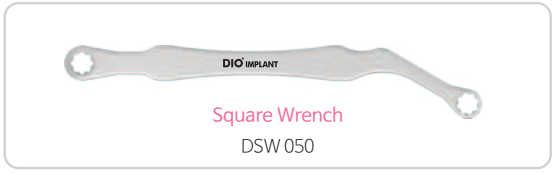
Kit Code I SMK 01

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

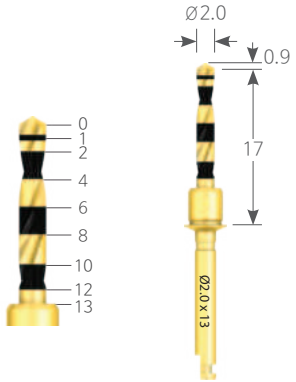
Unit mm I Drill Scale 1 : 0.9





Surgical Tool Crestal

Ø2.0 Intial Drill

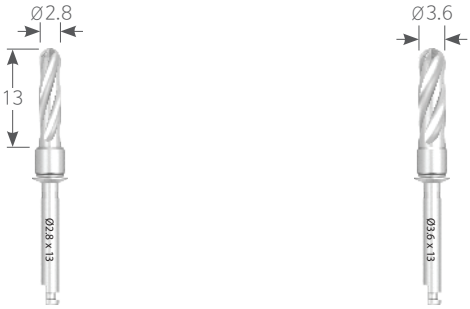


K D Ø2.0

Unit mm I Scale 1 : 1.2

Code	SID **2013**

Round Drill



K Length **13**

Unit mm I Scale 1 : 1.2

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

Stopper

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

K

Unit mm I Scale 1 : 1

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

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

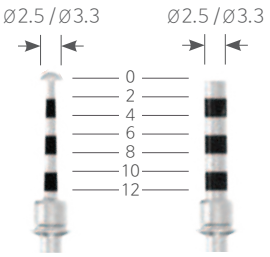
Membrane Lifter

· Single use only

K

Unit mm I Scale 1 : 1.2

Code	WML **6627**



Scale 1 : 1.2

Depth Gauge

Bone Condenser

Depth Gauge

K

Unit mm

Code	SDG **2533**

Bone Condenser

K

Unit mm

Code	SBC **2533**

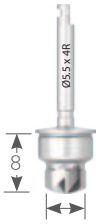
Surgical Tool Lateral

Round Drill

K

Unit mm I Scale 1 : 1

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

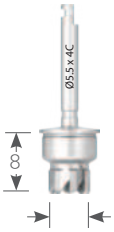


Core Drill

K

Unit mm I Scale 1 : 1

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



Stopper

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

K

Unit mm I Scale 1 : 1

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

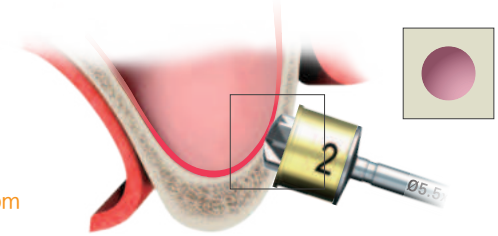
· Round drill or core drill can be selected. The membrane can be lifted and based on low-speed drilling (50~100rpm) and stopper.

Drilling Round Drill

Rounded tip to perform drilling

Caution

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

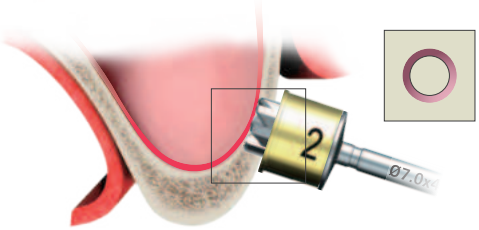


Drilling Core Drill

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.

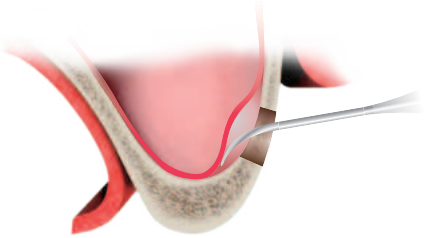
Caution

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

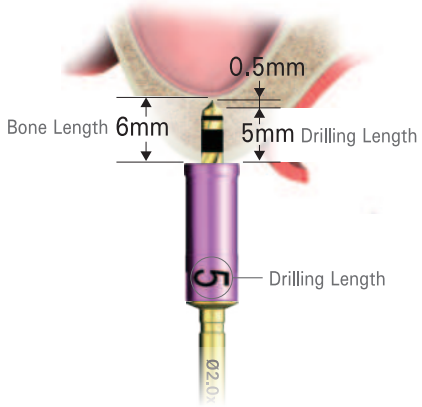
· Sinus Technic based on low-speed drilling (50~100rpm) and stopper that perforates the inferior cortical wall and lifts the membrane.

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

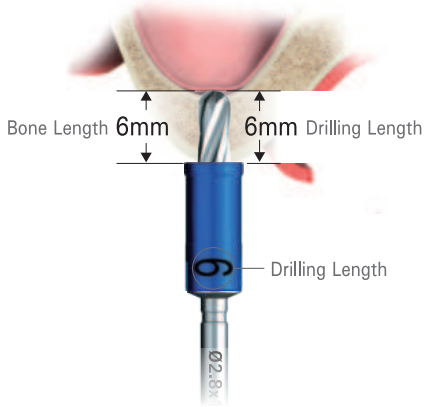


Sinus drill to perforate the bone underneath the maxillary sinus

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



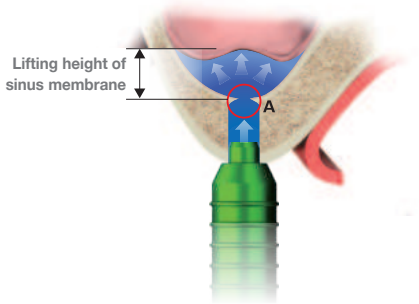
Membrane lifter to lift the sinus membrane

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.

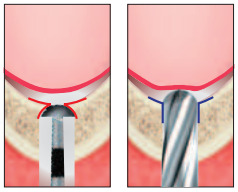
Aspiration of saline solution with the nozzle kept in the hole

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

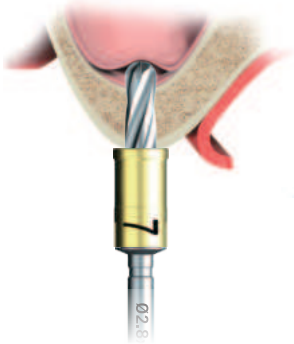
Sinus drill (2nd) to open and expand inferior border of the maxillary sinus.

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

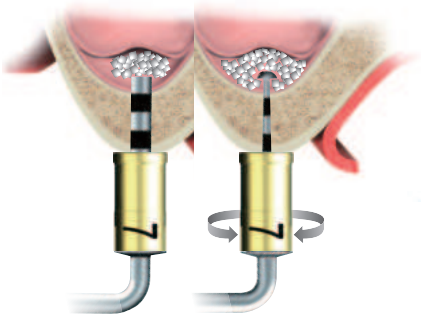
Determine volume of bone graft material.

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

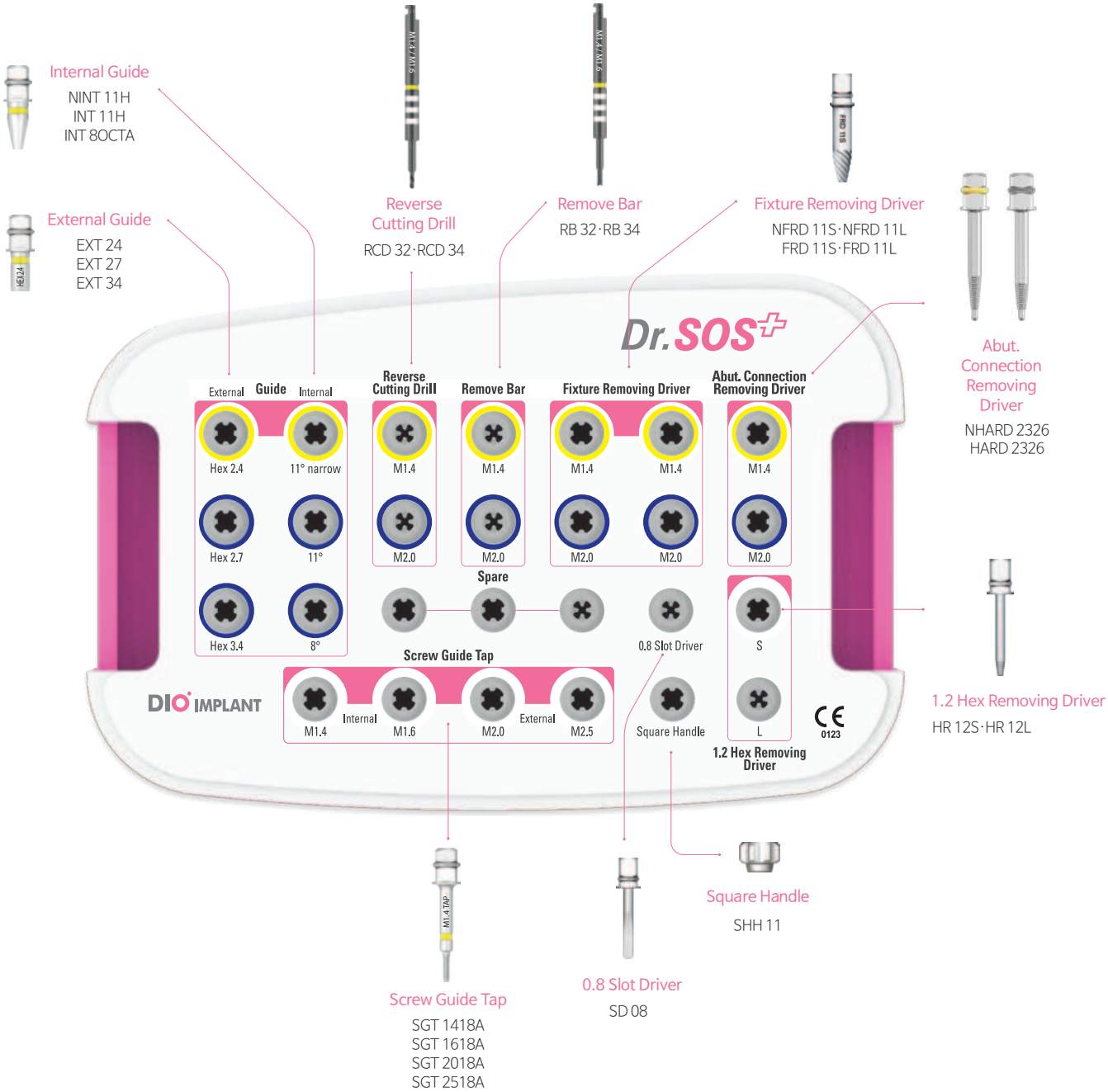
If remaining bone is very thin with thickness of 3mm or less and initial fixing of impalnt fails, only bone graft on the maxillary sinus is performed without implant placement.

Dr.SOS+ Kit

Kit Code | DRS 02

· 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



Square Wrench
DSW 050

Surgical Tool

Internal Guide

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

K UFII Narrow

Unit mm I Scale 1 : 1

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

K UFII Regular / Wide

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

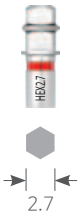
K Non-Sub. 8˚

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

External Guide

K Hex

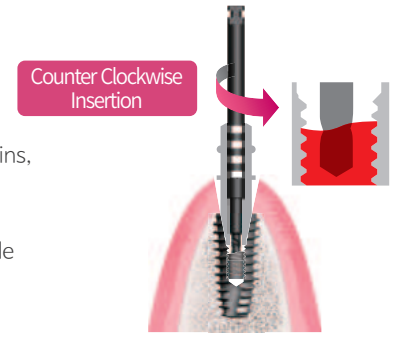
Unit mm I Scale 1 : 1

Code	EXT **24**	EXT **27**	EXT **34**
			
	2.4	2.7	3.4

Surgical Tool

Reverse Cutting Drill

· After inserting the end blade of the cutting drill in the fractured screw remains, remove the remains in a reverse rotation by friction.
· When it is difficult to remove with a reverse cutting drill, remove the screw remains by inserting a 1.2 hex removing driver on the hole formed on the screw remains and drilling in a reverse rotation



※Drill Speed : 1,200RPM / Reverse rotation
※In order to prevent high heat generation, osteotomy irrigation is necessary.

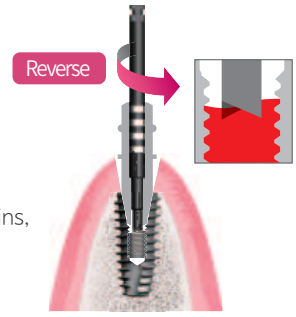
K

Unit mm I Scale 1 : 1

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

Remove Bar

· By attaching the end blade of the bar to the cross section of the fractured screw remains, remove the remains in a reverse rotation by friction



※ Drill Speed : 15rpm / Reverse rotation

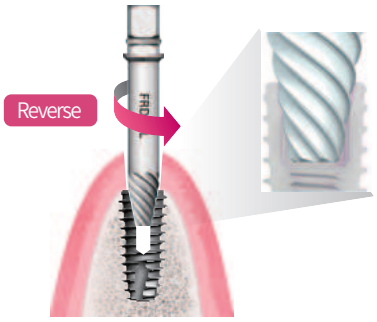
K

Unit mm I Scale 1 : 1

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

Fixture Removing Driver

· Allows the removal of placed implant by inserting to the fixture and turning anti-clockwise.



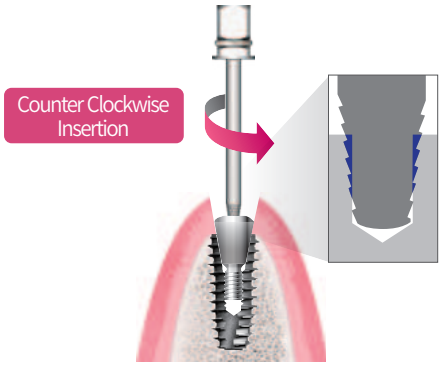
K

Unit mm I Scale 1 : 1

Fixture Size	UFII Narrow / External NF		UFII Regular / Wide	
Code	NFRD **11S**	NFRD **11L**	FRD **11S**	FRD **11L**
Type	Short	Long	Short	Long

1.2 Hex Removing Driver

· When use of the 1.2 Hex driver is not possible due to microorganisms in the 1.2 Hex connection part or the screw is stripped, use the removing driver for the removal of abutments or screws by inserting and turning anti-clockwise.



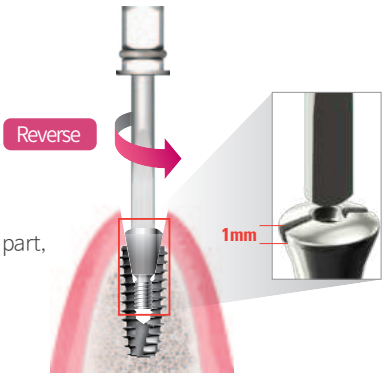
K Hex **1.2**

Unit mm I Scale 1 : 1

Code	HR **12S**	HR **12L**
1.2		

0.8 Slot Driver

· If removal with the driver is not possible due to severe wear in the connection part, use the bur to create a slot with a minimal depth of 1mm and remove using the 0.8 Slot driver.



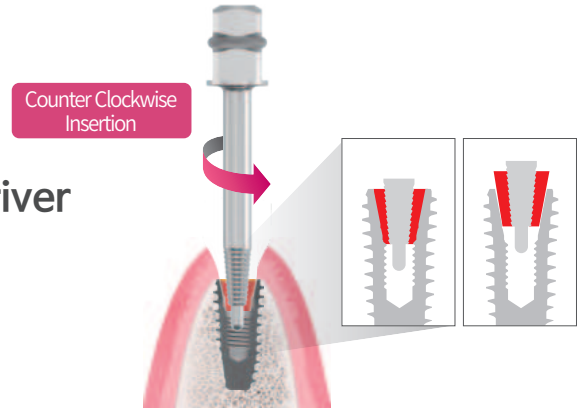
K

Unit mm I Scale 1 : 1

Code	SD **08**

Abutment Connection Removing Driver

· Used to remove a fractured abutment. Connect the screwdriver into the fixture and turn it counterclockwise.



K

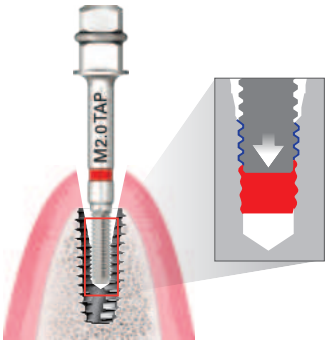
Unit mm I Scale 1 : 1

Abutment Size	Narrow	Regular
Code	NHARD **2326**	HARD **2326**

Color

Screw Guide Tap

· Allows the restoral of distorated or damaged screw threads which hinder abutment-to-fixture attachment, caused by the penetration of microorganisms in the connection part or stripping of the screw thread.



K UFII Narrow / External Narrow

Unit mm | Scale 1 : 1

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

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