

UFII / UFIII Internal Submerged System

Product Catalog

UFII / UFIII Internal Submerged System

- **UFII** Internal Submerged System
- **UFIII** Internal Submerged System
- **UFII** Kits
- **DIONavi.** Kits
- **Instrument** Kits

UFII / UFIII Internal Submerged System

| | |
|-----------------------------|-----|
| UFII Int. Submerged System | 008 |
| UFIII Int. Submerged System | 015 |
| UFII Surgical Kit | 085 |
| UFII Narrow Kit | 110 |
| UFII Wide Kit | 114 |
| DIONavi. Kits | 124 |
| Instrument Kits | 157 |



UFII / UFIII Internal Submerged System

UFII / UFIII Internal Submerged System

UFII / UFIII Internal Submerged System

011

UFII
Narrow



012

UFII
Regular
Ø3.8/4.0/
4.5/5.0/5.5



014

UFII
Wide
Ø5.9/6.4/6.9



018

UFIII
Regular
Ø3.8/4.0/
4.5/5.0



Cover Screw / Healing Abutment

019

Cover
Screw



019

Bone
Forming
Cover
Screw



020

Healing
Abutment



Cement / Screw – Retained Restorations

026

Pick-up
Impression
Coping



027

Transfer
Impression
Coping



028

Fixture
Analog



028

Temporary
Abutment



029

Cemented
Abutment



031

Mill
Abutment



032

Angled
Abutment



033

UCLA CCM
Abutment



033

UCLA Plastic
Abutment



Cement – Retained Restorations

035

Solid
Abutment



036

Protect
Cap



036

Impression
Cap



037

Solid
Abutment
Analog



037

Plastic
Coping



Screw – Retained Restorations

039

Octa
Abutment



039

Healing
Cap



040

Pick-up
Impression
Coping



040

Transfer
Impression
Coping



040

Octa
Abutment
Analog



041

Temporary
Cylinder



041

Cemented
Cylinder



042

Plastic
Cylinder



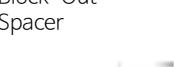
Overdenture - Retained Restorations (Ball Abutment : O-Ring)

R W

| | | | | | | | | | |
|-------------------------|---|-----------------------------------|---|-----------------|---|-----------------|---|---------------|---|
| 045 Ball Abutment |  | 046 Ball Abutment Analog |  | 046 Retainer |  | 046 Ball Cap |  | 046 O-Ring |  |
|-------------------------|---|-----------------------------------|---|-----------------|---|-----------------|---|---------------|---|

Overdenture - Retained Restorations (Ball Abutment : OT Cap / Locator)

N R W

| | | | | | | | | | |
|----------------------------|---|--|---|---|---|--------------------------------|---|------------------------------------|---|
| 047 OT Cap |  | 047 Stainless Steel Housing |  | 047 Insertion Tool For Caps |  | 047 Remove Tool For Caps |  | 048 Locator Abutment |  |
| 048 Replacement Male |  | 048 Extended Replacement Male |  | 049 Male Package |  | 049 Denture Cap |  | 049 Black Processing Male |  |
| 049 Block-Out Spacer |  | 050 Locator Core Tool |  | 050 Locator Square Drive Torque Wrench Driver |  | 051 MagDen Abutment |  | 051 Magnetic Assembly |  |

Cement / Screw - Retained Restorations

N R W

| | | | | | | | | | |
|--|---|--|---|---|---|--|---|---|---|
| 053 Multiunit Straight Abutment |  | 054 Multiunit Angled Abutment |  | 056 Healing Cap |  | 056 Pick-up Impression Coping |  | 056 Transfer Impression Coping |  |
| 057 H-Scanbody |  | 057 Scan Adapter |  | 057 Multi Angled Abutment Jig |  | 058 Cemented Cylinder |  | 058 Plastic Cylinder |  |
| 058 Temporary Cylinder |  | 059 Cylinder Screw |  | 059 Abutment Analog |  | 059 Digital Analog |  | | |

UFII / UFIII Internal Submerged System

ECO Abutment System

N R W

| | | | | |
|---|-----------------------|----------------------------|--------------------------|--|
| 063 ECO Base Abutment | 064 Healing Cap | 064 H-Scanbody / Holder | 064 Digital Analog | 065 Pick-up Impression Coping |
| 065 Transfer Impression Coping | 065 Lab Analog | 066 Cemented Post | 066 Angled Post | 067 Temporary Post |

Digital Materials

Digital Abutment

N R W

| | | | | |
|---|---|--|-------------------------------------|--|
| 069 Lower Incisor Narrow Angled Abutment | 070 Upper Incisor Narrow Angled Abutment | 071 Upper Incisor Angled Abutment | 072 Canine Angled Abutment | 073 Pre-Molar Angled Abutment |
| 074 Molar Angled Abutment | | | | |

H-Scanbody / Scan Adapter / Pre-Milled Bar / Hybrid Link / Etc

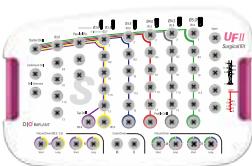
N R W

| | | | |
|------------------------------------|--|--|--|
| 077 H-Scanbody / Jig | 079 UFII Int. Sub. Narrow | 079 UFII Int. Sub. Regular Wide | 080 Scan Retractor |
| 080 Wax Denture | 080 Marker | 080 Histoacryl | 081 UFII Int. Sub. Narrow |
| 082 UFII Int. Sub. Narrow | 082 UFII Int. Sub. Regular Wide | 083 UFII Int. Sub. Narrow | 081 UFII Int. Sub. Regular Wide |
| | | | |

Surgical Kit

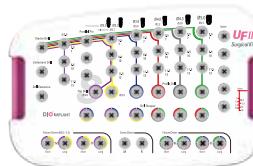
085

UFII Surgical Kit
UF(M) 07



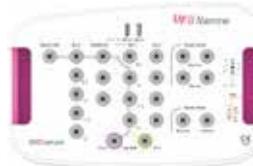
097

UFII Surgical Kit
UF15



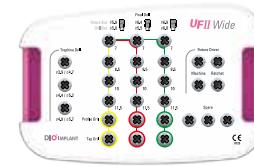
110

UFII Narrow Kit
UF(M) 08



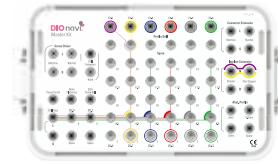
114

UFII Wide Kit
UF 09



124

DIONavi. Master Kit
UF(M) 05



133

DIONavi. Narrow Kit
UF14



139

DIONavi. Wide Kit
UF11



145

DIONavi. Flapless Crestal Sinus Kit
SMK 02



149

DIONavi. Special Kit
SGF 02



157

New Dr.SOS+ Kit
DRS 05



163

Sinus Master Kit
SMK 01



UF II Int. Submerged System

심플하고 파워풀한 전천후 Implant

Hybrid Type SLA Implant

UFII Implant



Open Thread

Fixture 식립 저항을 줄여, 식립 깊이 조절이 가능합니다.

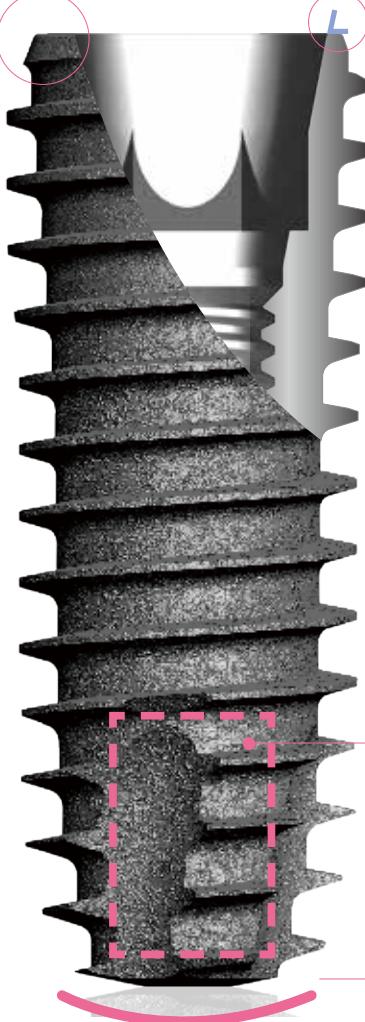
Platform Switching

Platform Switching 구조로 되어 있어 안정적 보철체결이 가능합니다.

Upper Thread

Taper Thread, Initial Fixation

Straight body에 Taper thread를 적용하여 Fixture 상부에 가해지는 응력을 효과적으로 분산시킵니다. 나사산의 깊이는 윗쪽으로 갈수록 낮아지게 하여 Cortical Bone에서 마찰을 줄일 수 있습니다.



Straight Body

Decrement of Bone Damage

Body부 길이 변화로 Fixture의 길이 변화가 이루어지며, 길이가 긴 Fixture에서는 Straight type처럼 안정적인 식립이 가능합니다.

Taper Body

Taper Guide Gradually

Taper를 적용하여 약한 골질에서 Drilling을 작게 한 경우에도 초기 진입이 용이합니다.

Morse Tapered Contact Connection

Fixture와 Abutment간의 긴밀성과 부하 배분이 우수합니다.

Cutting edge

날카로운 Edge 부위를 통해 Self-tapping의 효율을 높일 수 있습니다.

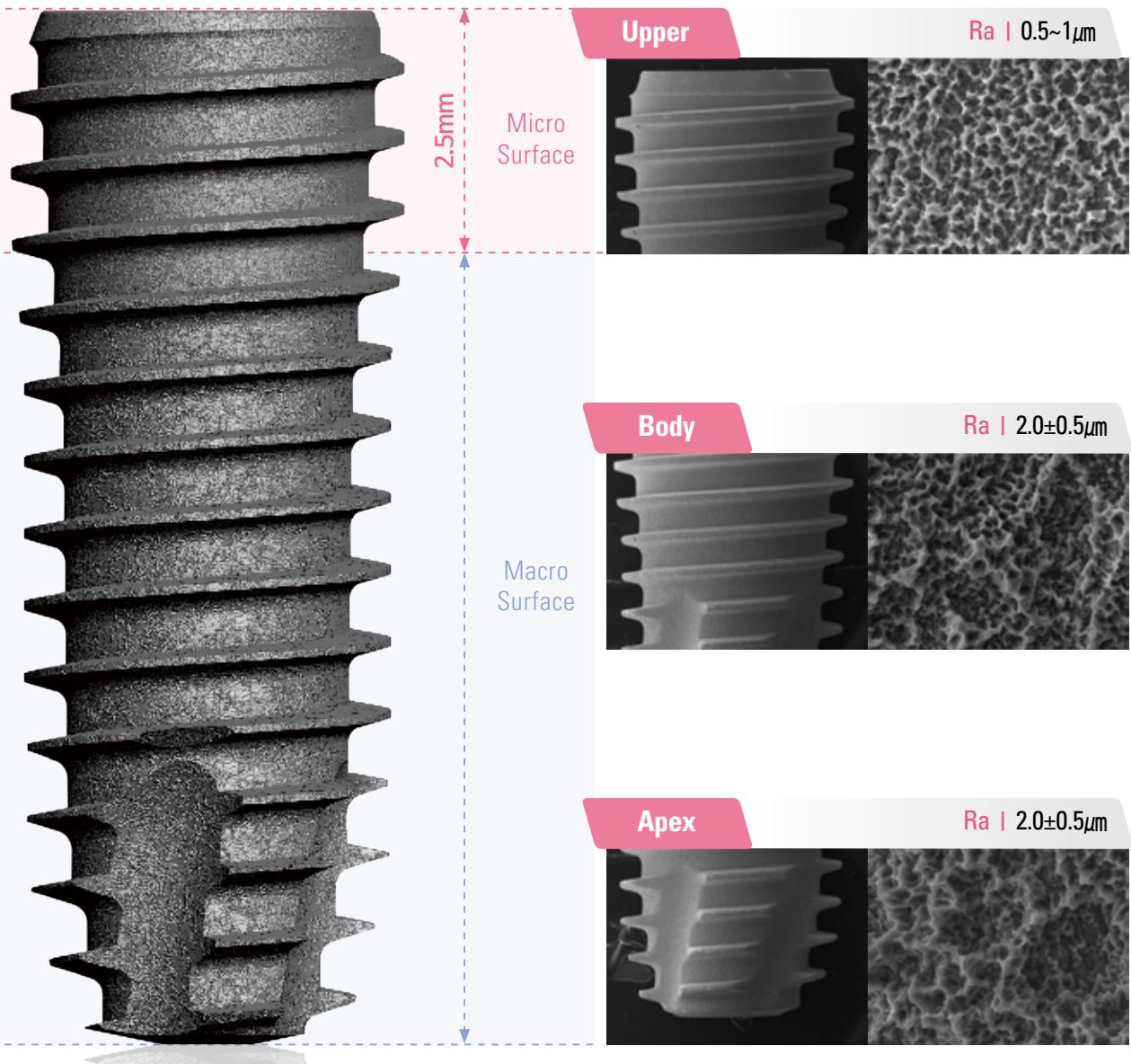
Apex

완만한 Round 형상으로 상악동에 사용 시 Implant에 의한 조직 손상을 줄일 수 있습니다.

Surface Treatment Feature

Hybrid Sand Blast & Acid Etched

상부는 Peri-implantitis 예방을 위해 1um 이하의 미세한 거칠기를,
Body 및 Apex 부위는 골유착에 가장 적합한 표면 거칠기를 적용합니다.



UFII Int. Submerged System

UFII Narrow

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

HSA UV Active

UFII Regular

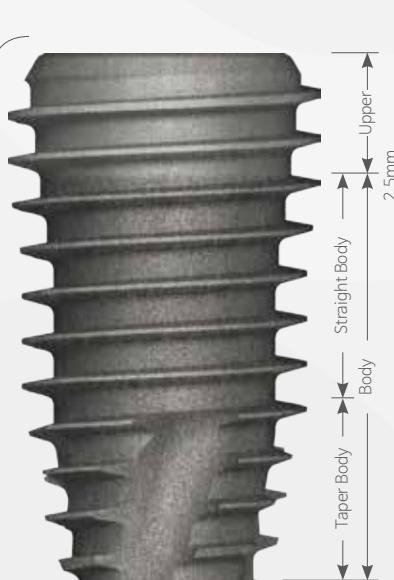
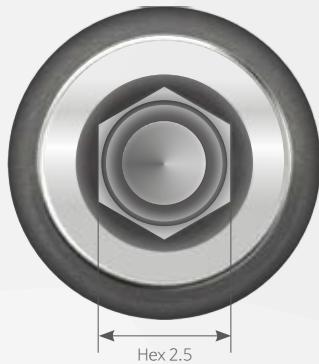
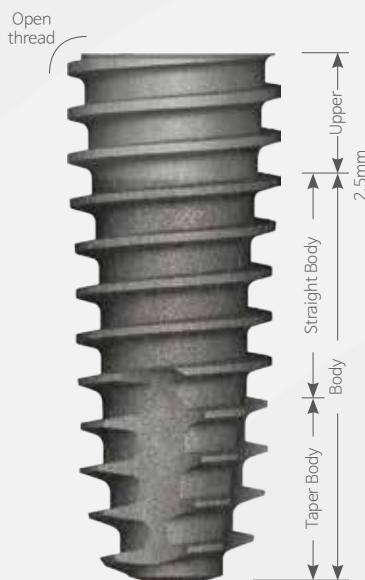
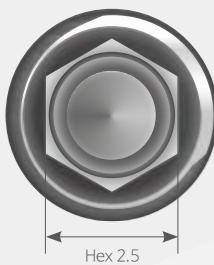
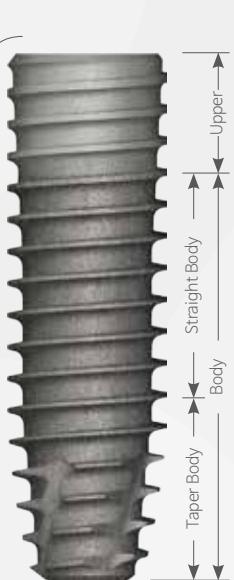
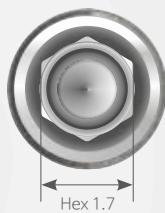
D Ø3.8 + Ø4.0 + Ø4.5 + Ø5.0 + Ø5.5
L 7(5.5) + 7 + 8.5 + 10 + 11.5 + 13

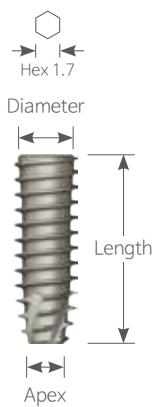
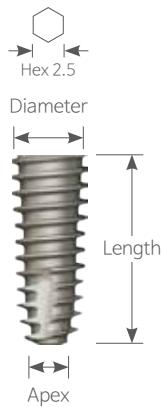
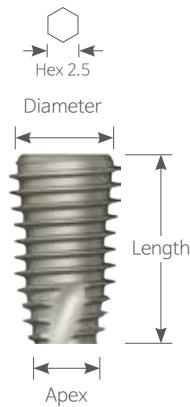
HSA UV Active

UFII Wide

D Ø5.9 + Ø6.4 + Ø6.9
L 7(5.5) + 7 + 8.5 + 10 + 11.5

HSA UV Active



UFII Narrow**UFII Regular****UFII Wide****Narrow Fixture**

보험 Code | HSA Ø3.0-L7502106 Ø3.3- L7502061 | UV Active Ø3.0-L7502106 Ø3.3- L7502063

▶ Ø3.0 Fixture 전치부 전용

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

N D Ø3.0 Hex 1.7 Apex Ø1.6

Unit mm | Scale 1:1.2

| Length | 8.5 | 10 | 11.5 | 13 | 15 |
|--------|-----|----|------|----|----|
|--------|-----|----|------|----|----|



HSA | UF(II)N 3008SF UF(II)N 3010SF UF(II)N 3011SF UF(II)N 3013SF UF(II)N 3015SF
UV Active | UF(II)N 3008UV3 UF(II)N 3010UV3 UF(II)N 3011UV3 UF(II)N 3013UV3 -

N D Ø3.3 Hex 1.7 Apex Ø1.9

| Length | 8.5 | 10 | 11.5 | 13 | 15 |
|--------|-----|----|------|----|----|
|--------|-----|----|------|----|----|



HSA | UF(II)N 3308SF UF(II)N 3310SF UF(II)N 3311SF UF(II)N 3313SF UF(II)N 3315SF
UV Active | UF(II)N 3308UV3 UF(II)N 3310UV3 UF(II)N 3311UV3 UF(II)N 3313UV3 -

Regular Fixture 보험 Code | HSA L7502061 | UV Active L7502063

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

R D Ø3.8 Hex 2.5 Apex Ø1.4

Unit mm | Scale 1:1.2

| Length | 7 | 8.5 | 10 | 11.5 | 13 |
|--------|---|---------------|---------------|---------------|---------------|
| | | | | | |
| HSA | - | UF(II) 3808SF | UF(II) 3810SF | UF(II) 3811SF | UF(II) 3813SF |

| | | | | | |
|-----------|---|----------------|----------------|----------------|----------------|
| UV Active | - | UF(II) 3808UV3 | UF(II) 3810UV3 | UF(II) 3811UV3 | UF(II) 3813UV3 |
|-----------|---|----------------|----------------|----------------|----------------|

R D Ø4.0 Hex 2.5 Apex Ø1.6

| Length | 7(5.5) | 7 | 8.5 | 10 | 11.5 | 13 |
|--------|--------|---|-----|----|------|----|
| | | | | | | |

| | | | | | | |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|
| HSA | UF(II) 4005SF | UF(II) 4007SF | UF(II) 4008SF | UF(II) 4010SF | UF(II) 4011SF | UF(II) 4013SF |
| UV Active | UF(II) 4005UV3 | UF(II) 4007UV3 | UF(II) 4008UV3 | UF(II) 4010UV3 | UF(II) 4011UV3 | UF(II) 4013UV3 |

R D Ø4.5 Hex 2.5 Apex Ø1.6

| Length | 7(5.5) | 7 | 8.5 | 10 | 11.5 | 13 |
|--------|--------|---|-----|----|------|----|
| | | | | | | |

| | | | | | | |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|
| HSA | UF(II) 4505SF | UF(II) 4507SF | UF(II) 4508SF | UF(II) 4510SF | UF(II) 4511SF | UF(II) 4513SF |
| UV Active | UF(II) 4505UV3 | UF(II) 4507UV3 | UF(II) 4508UV3 | UF(II) 4510UV3 | UF(II) 4511UV3 | UF(II) 4513UV3 |

R D Ø5.0 Hex 2.5 Apex Ø2.0

Unit mm | Scale 1 : 1.2

| Length | 7(5.5) | 7 | 8.5 | 10 | 11.5 | 13 |
|--------|--------|---|-----|----|------|----|
|--------|--------|---|-----|----|------|----|



HSA | UF(II) 5005SF UF(II) 5007SF UF(II) 5008SF UF(II) 5010SF UF(II) 5011SF UF(II) 5013SF
UV Active | UF(II) 5005UV3 UF(II) 5007UV3 UF(II) 5008UV3 UF(II) 5010UV3 UF(II) 5011UV3 UF(II) 5013UV3

R D Ø5.5 Hex 2.5 Apex Ø2.5

| Length | 7(5.5) | 7 | 8.5 | 10 | 11.5 | 13 |
|--------|--------|---|-----|----|------|----|
|--------|--------|---|-----|----|------|----|



HSA | UF(II) 5505SF UF(II) 5507SF UF(II) 5508SF UF(II) 5510SF UF(II) 5511SF UF(II) 5513SF
UV Active | UF(II) 5505UV3 UF(II) 5507UV3 UF(II) 5508UV3 UF(II) 5510UV3 UF(II) 5511UV3 UF(II) 5513UV3

Wide Fixture 보험 Code | HSA L7502061 | UV Active L7502063

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

W D Ø5.9 Hex 2.5 Apex Ø3.6

Unit mm | Scale 1:1.2

| Length | 7(5.5) | 7 | 8.5 | 10 | 11.5 |
|--------|---|---|---|---|---|
| |  |  |  |  |  |

| | | | | |
|----------------------------|----------------|----------------|----------------|----------------|
| HSA UF(II) 6005SF | UF(II) 6007SF | UF(II) 6008SF | UF(II) 6010SF | UF(II) 6011SF |
| UV Active UF(II) 6005UV3 | UF(II) 6007UV3 | UF(II) 6008UV3 | UF(II) 6010UV3 | UF(II) 6011UV3 |

W D Ø6.4 Hex 2.5 Apex Ø3.6

| Length | 7(5.5) | 7 | 8.5 | 10 | 11.5 |
|--------|---|---|---|---|---|
| |  |  |  |  |  |

| | | | | |
|----------------------------|----------------|----------------|----------------|----------------|
| HSA UF(II) 6505SF | UF(II) 6507SF | UF(II) 6508SF | UF(II) 6510SF | UF(II) 6511SF |
| UV Active UF(II) 6505UV3 | UF(II) 6507UV3 | UF(II) 6508UV3 | UF(II) 6510UV3 | UF(II) 6511UV3 |

W D Ø6.9 Hex 2.5 Apex Ø3.6

| Length | 7(5.5) | 7 | 8.5 | 10 | 11.5 |
|--------|---|---|---|---|---|
| |  |  |  |  |  |

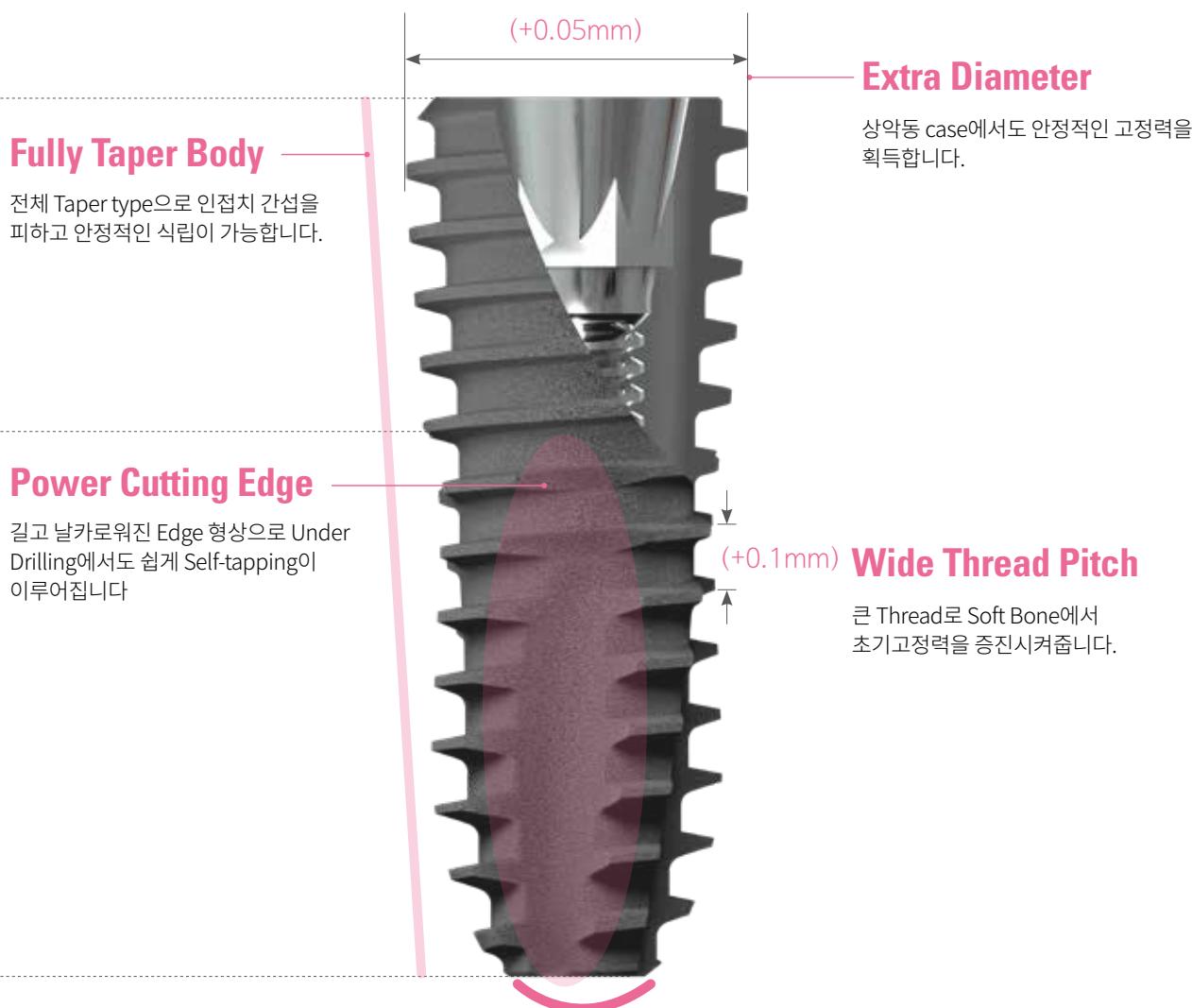
| | | | | |
|---------------------|---------------|---------------|---------------|---------------|
| HSA UF(II) 7005SF | UF(II) 7007SF | UF(II) 7008SF | UF(II) 7010SF | UF(II) 7011SF |
|---------------------|---------------|---------------|---------------|---------------|

UFIII Int. Submerged System NEW

약한 골질에서 안정적인 초기고정력을 위한 Taper Implant

Hybrid Type SLA Implant

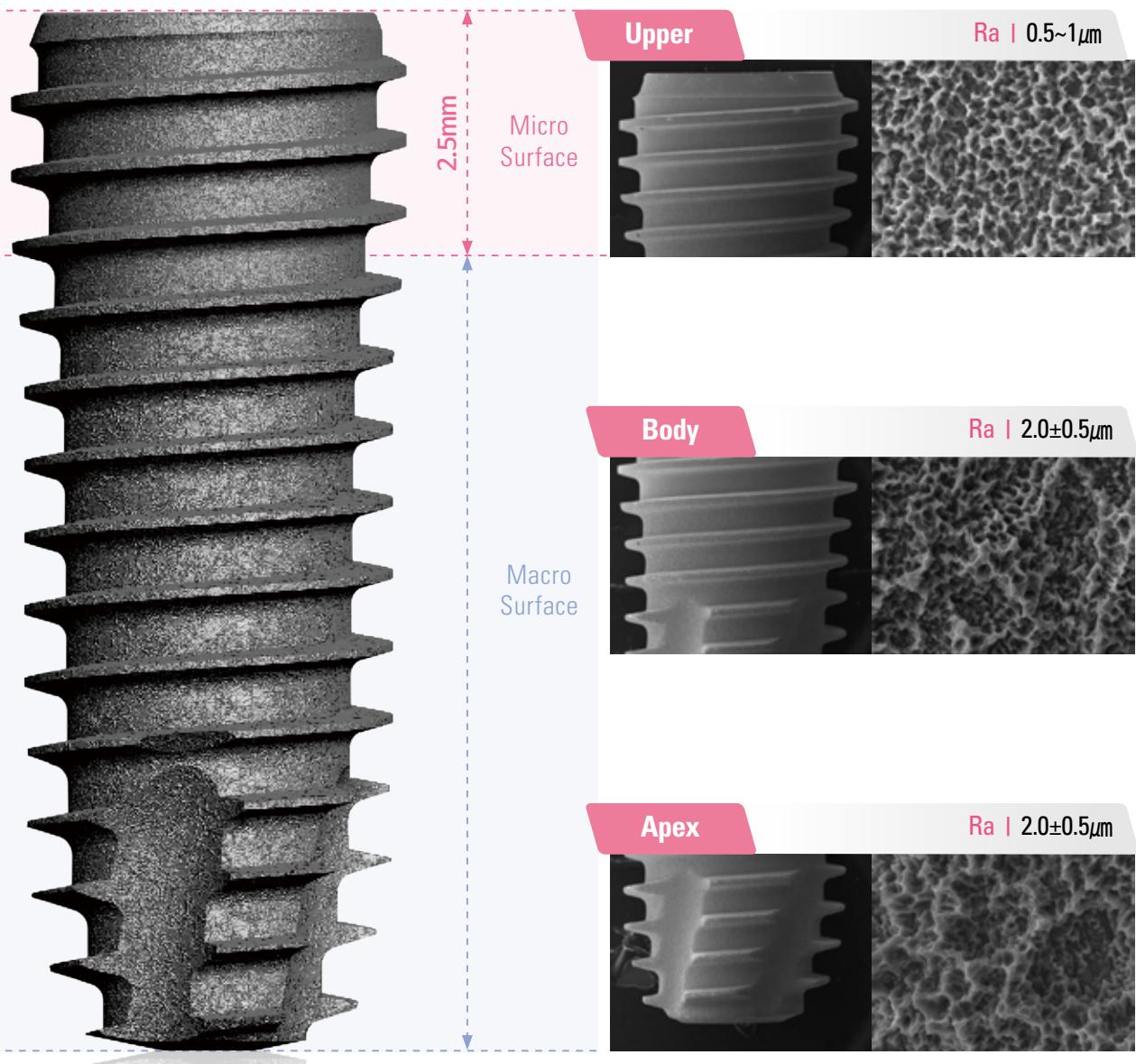
UFIII Implant



Surface Treatment Feature

Hybrid Sand Blast & Acid Etched

상부는 Peri-implantitis 예방을 위해 1um 이하의 미세한 거칠기를,
Body 및 Apex 부위는 골유착에 가장 적합한 표면 거칠기를 적용합니다.



UFIII Int. Submerged System

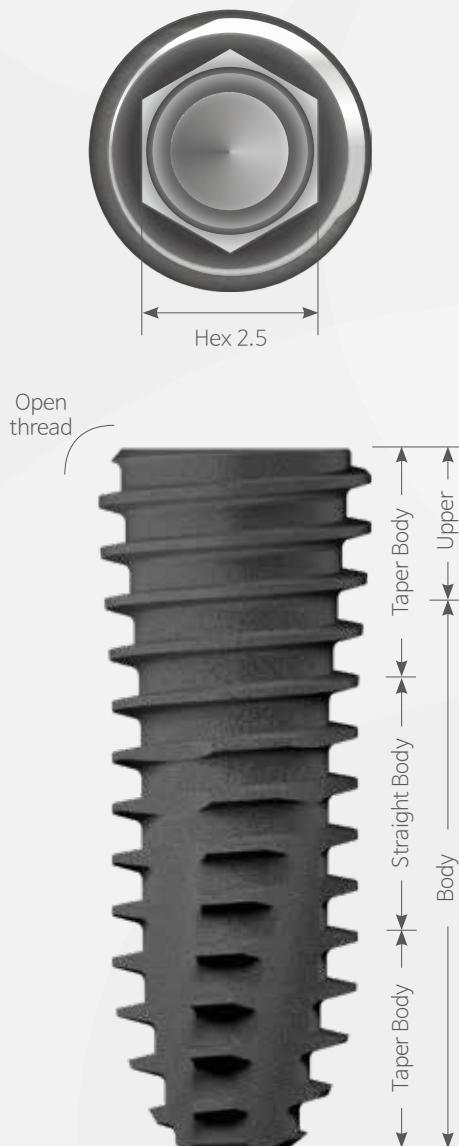
UFIII Regular

D Ø3.8 | Ø4.0 | Ø4.5 | Ø5.0

L 7 | 8.5 | 10 | 11.5 | 13

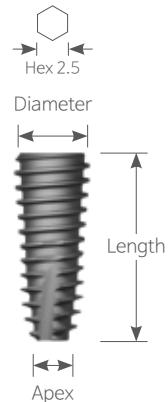
HSA

UV Active



Regular Fixture

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



R D Ø3.8 Hex 2.5 Apex Ø1.4

Unit mm | Scale 1:1.2

| Length | 7 | 8.5 | 10 | 11.5 | 13 |
|--------|---|-----|----|------|----|
| | | | | | |

| | | | | | |
|-----------|---|---------------|---------------|---------------|---------------|
| HSA | - | UFIII 3808SF | UFIII 3810SF | UFIII 3811SF | UFIII 3813SF |
| UV Active | - | UFIII 3808UV3 | UFIII 3810UV3 | UFIII 3811UV3 | UFIII 3813UV3 |

R D Ø4.0 Hex 2.5 Apex Ø1.6

| Length | 7 | 8.5 | 10 | 11.5 | 13 |
|--------|---|-----|----|------|----|
| | | | | | |

| | | | | | |
|-----------|---------------|---------------|---------------|---------------|---------------|
| HSA | UFIII 4007SF | UFIII 4008SF | UFIII 4010SF | UFIII 4011SF | UFIII 4013SF |
| UV Active | UFIII 4007UV3 | UFIII 4008UV3 | UFIII 4010UV3 | UFIII 4011UV3 | UFIII 4013UV3 |

R D Ø4.5 Hex 2.5 Apex Ø1.6

| Length | 7 | 8.5 | 10 | 11.5 | 13 |
|--------|---|-----|----|------|----|
| | | | | | |

| | | | | | |
|-----------|---------------|---------------|---------------|---------------|---------------|
| HSA | UFIII 4507SF | UFIII 4508SF | UFIII 4510SF | UFIII 4511SF | UFIII 4513SF |
| UV Active | UFIII 4507UV3 | UFIII 4508UV3 | UFIII 4510UV3 | UFIII 4511UV3 | UFIII 4513UV3 |

R D Ø5.0 Hex 2.5 Apex Ø2.0

Unit mm | Scale 1:1.2

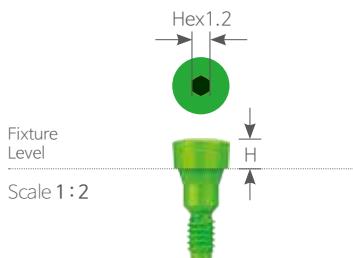
| Length | 7 | 8.5 | 10 | 11.5 | 13 |
|--------|---|-----|----|------|----|
| | | | | | |

| | | | | | |
|-----------|---------------|---------------|---------------|---------------|---------------|
| HSA | UFIII 5007SF | UFIII 5008SF | UFIII 5010SF | UFIII 5011SF | UFIII 5013SF |
| UV Active | UFIII 5007UV3 | UFIII 5008UV3 | UFIII 5010UV3 | UFIII 5011UV3 | UFIII 5013UV3 |

Cover Screw

▶ 2-stage 시술 시 Implant 내부를 보호하기 위해 사용

- Uses 1.2 Hex Driver
 - 사용법
 - ① Implant 내부의 헬액이나 불순물을 제거한 후 Screw 체결
 - ② Screw는 1.2 Hex Driver를 이용하여 손으로 체결 (5~8Ncm)
 - Tightening Torque : 5~8Ncm



N R W Hex 1.2

Unit mm | Scale 1:1.25

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

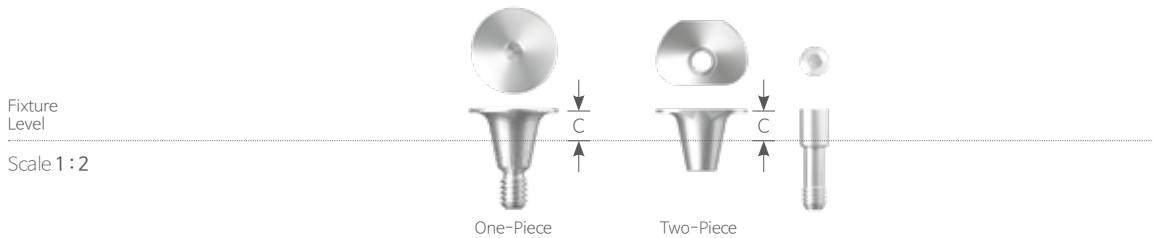
Bone Forming Cover Screw

▶ 치과용 임플란트 시술 시 치조골에 매식된 Fixture에 임시로 체결하여 Fixture 내부를 보호하고

Fixture 주변에 꿀이식재를 사용 시 잎을 밤으로 이탈하거나 꿀이식재에 외부의 흙이 전달되어 흩어지는 것을 막기 위해 사용

▶ 봉합에 유리할 수 있도록 절개선은 치조정의 협측에 설정하며 가능한 길게 하도록 권장

- Cuff의 형상이 concave하여 bone graft 공간 확보
 - Implant 심립위치와 인접침아와의 거리에 따라 Two-Piece Type 제품을 사용 할 수 있음



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

Healing Abutment

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



N Hex 1.2

Unit mm | Scale 1:1.25

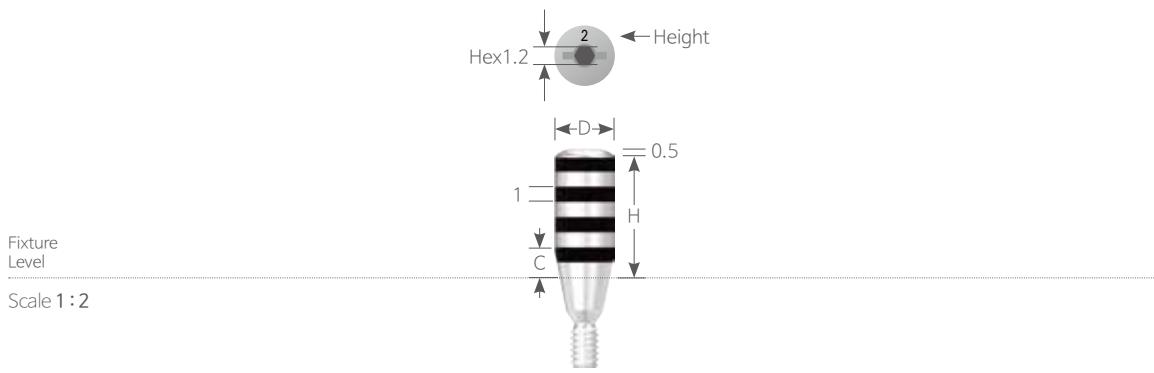
| Fixture Size | | Narrow | | | |
|--------------|------------|------------|------------|------------|------------|
| Cuff | Height | UNSHA 4020 | - | UNSHA 4520 | - |
| Cuff 2 | Height 2 | UNSHA 4020 | - | UNSHA 4520 | - |
| Cuff 2 | Height 4 | - | UNSHA 4024 | - | UNSHA 4524 |
| Cuff 3 | Height 5.5 | - | 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

▶ Ball Abutment와 같은 작은 직경의 Abutment에 사용

▶ Fixture가 깊게 식립될 경우 사용

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



| R | W | D Ø4.0 | Hex 1.2 | Unit mm Scale 1:1.25 |
|--------------|-----------------|-----------------|-----------------|------------------------|
| | | | Regular · Wide | |
| Fixture Size | | | | |
| Cuff, Height | Cuff 2 Height 2 | Cuff 2 Height 4 | Cuff 2 Height 6 | Cuff 2 Height 8 |



SSHA 4020

SSHA 4040

SSHA 4060

SSHA 4080

Healing Abutment

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

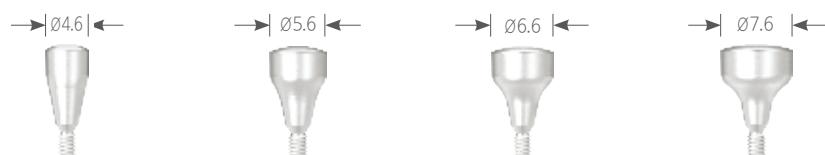


R W Hex 1.2

Unit mm | Scale 1:1.25

Fixture Size

Regular · Wide



| | | | | | |
|--------|------------|-----------|-----------|-----------|-----------|
| 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

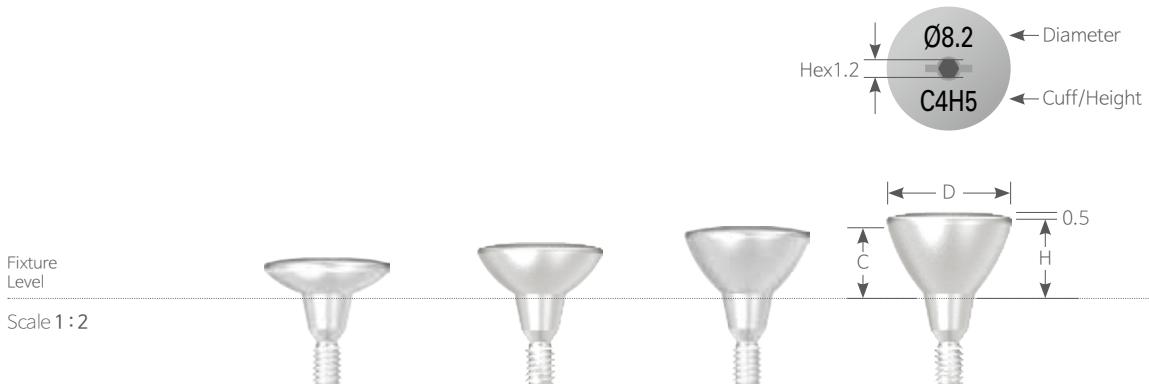
▶ 구치부 또는 Custom Abutment 제작 시 잇몸 모양을 형성

· Caution

- ① 1.2 Hex Driver를 이용하여 손으로 체결 (5~8Ncm)
- ② 환자의 잇몸 높이와 사용될 Abutment에 따라 선택 가능
 - 구치부 Emergency Profile 확보를 위한 잇몸 확장
 - 또는 Custom Abutment 제작 시 치은 압박에 의한 염증 반응 최소화를 위한 구성품

※ Fixture 식립 후 Cover Screw, Healing Abutment 체결 시 윤활 작용을 하는 항생제를 도포 후 체결하면
Screw 분리를 용이하게 할 수 있음 (항생제 : 미노클린, 페리오 클린 등)

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



R W Hex 1.2

Unit mm | Scale 1:1.25

Fixture Size

Regular . Wide

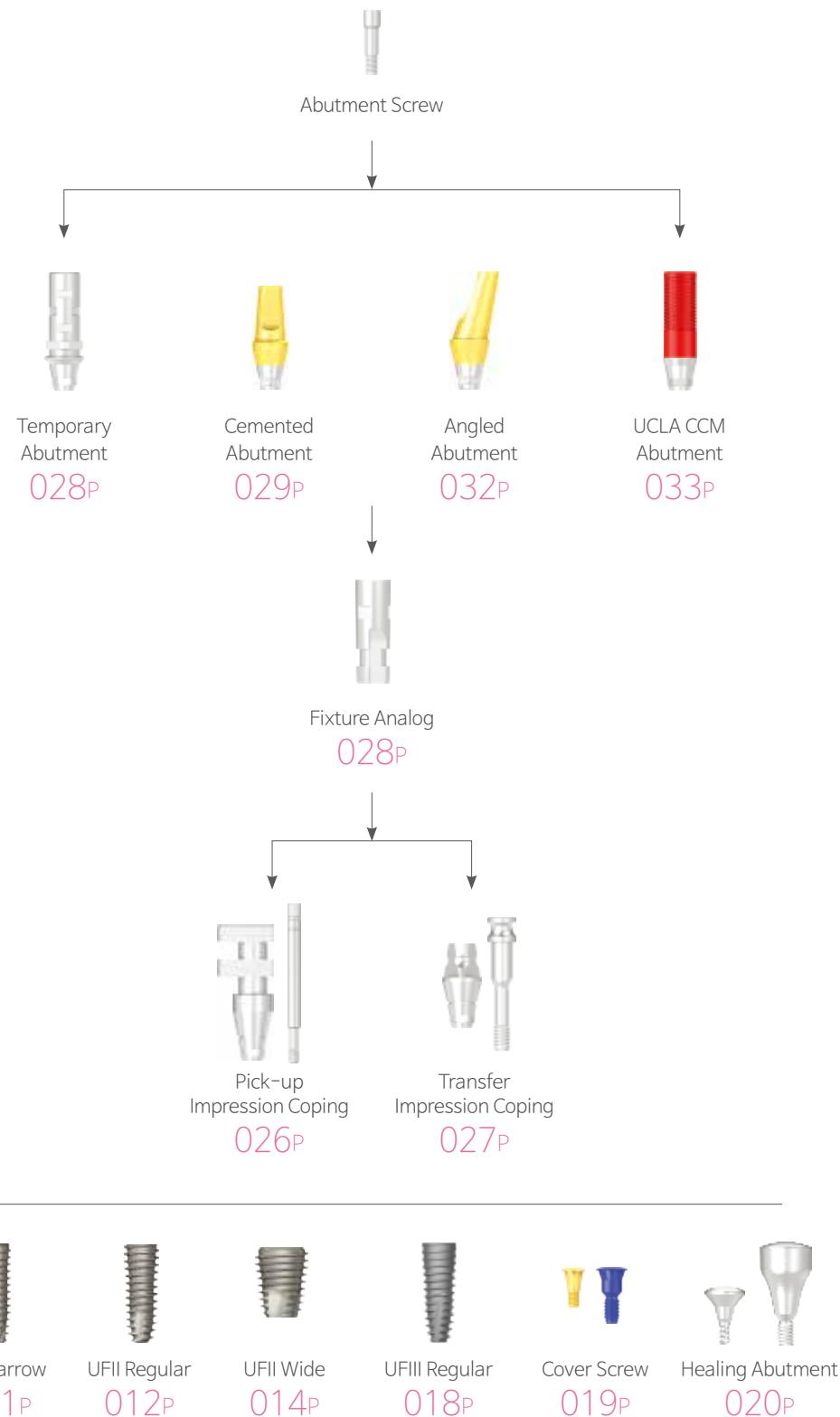


| | | | | |
|--------|----------|--|-----------|-----------|
| Cuff 1 | Height 2 | | SSHA 8212 | SSHA 9212 |
| Cuff 2 | Height 3 | | SSHA 8223 | SSHA 9223 |
| Cuff 3 | Height 4 | | SSHA 8234 | SSHA 9234 |
| Cuff 4 | Height 5 | | SSHA 8245 | SSHA 9245 |

Cement / Screw – Retained Restorations

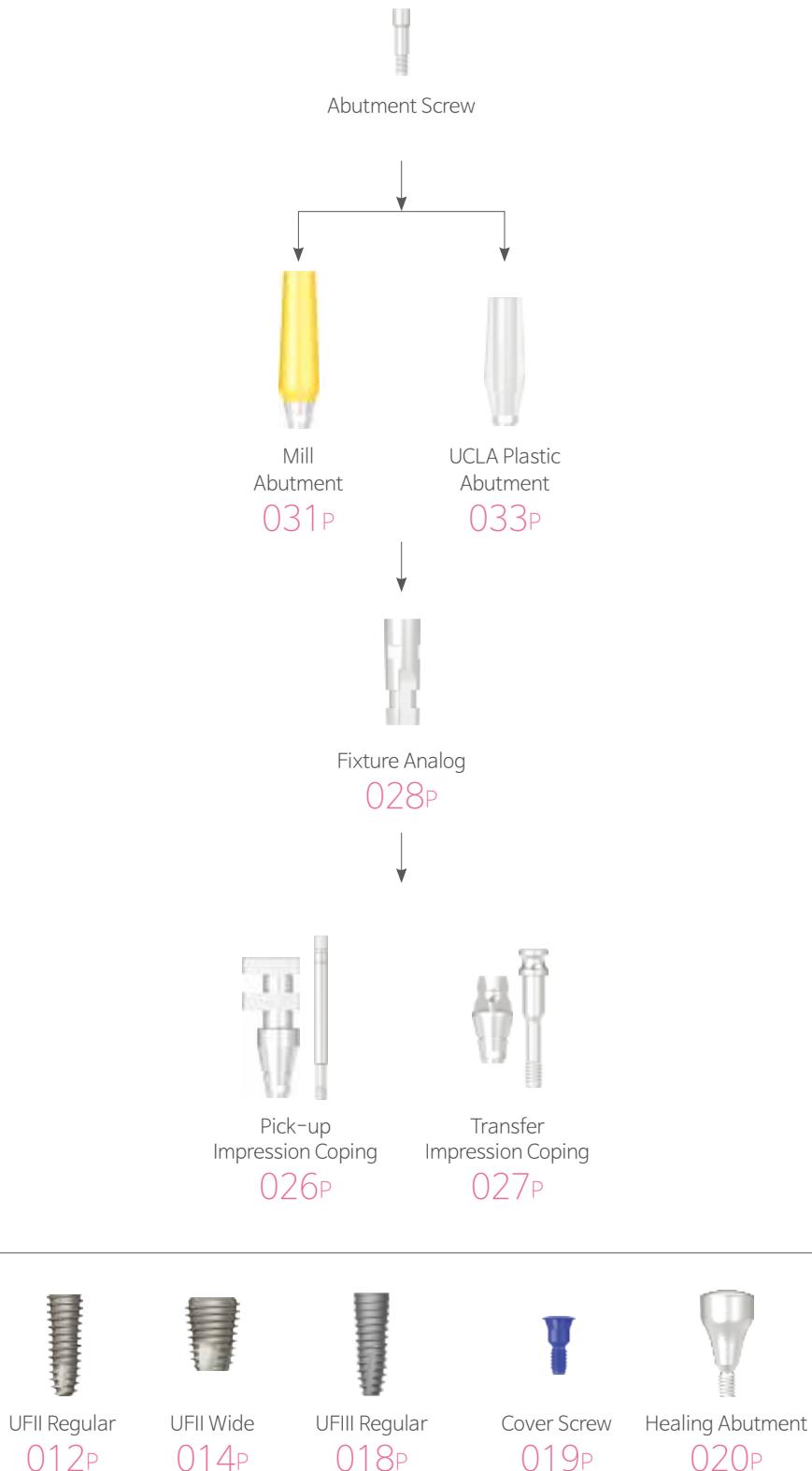
Temporary / Cemented / Angled / UCLA Abutment

Fixture - 



Cement / Screw – Retained Restorations

Mill / UCLA Abutment

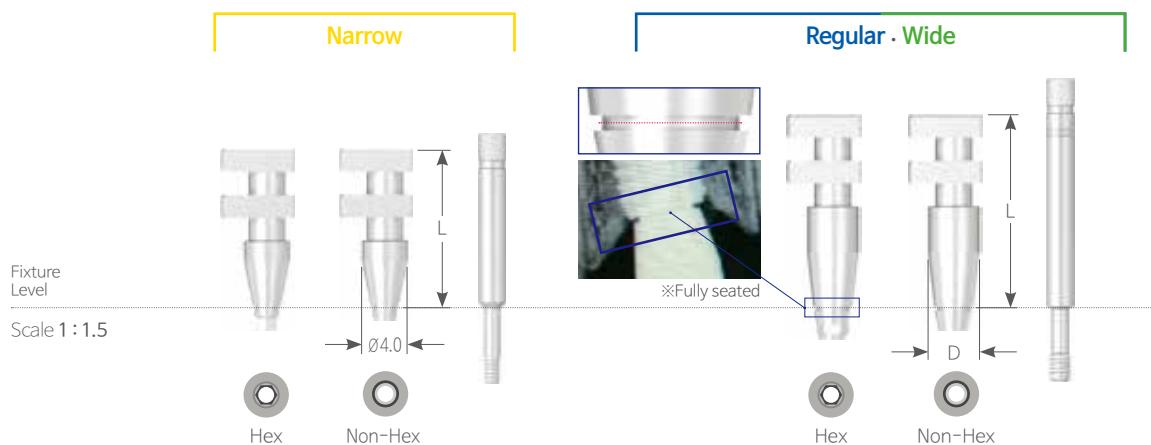
Fixture - R W

Abutment Components

Pick-up Impression Coping [Hex Non-Hex]

▶ Open Tray를 이용하여 인상을 채득하는 Pick-up Type

- 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 | |

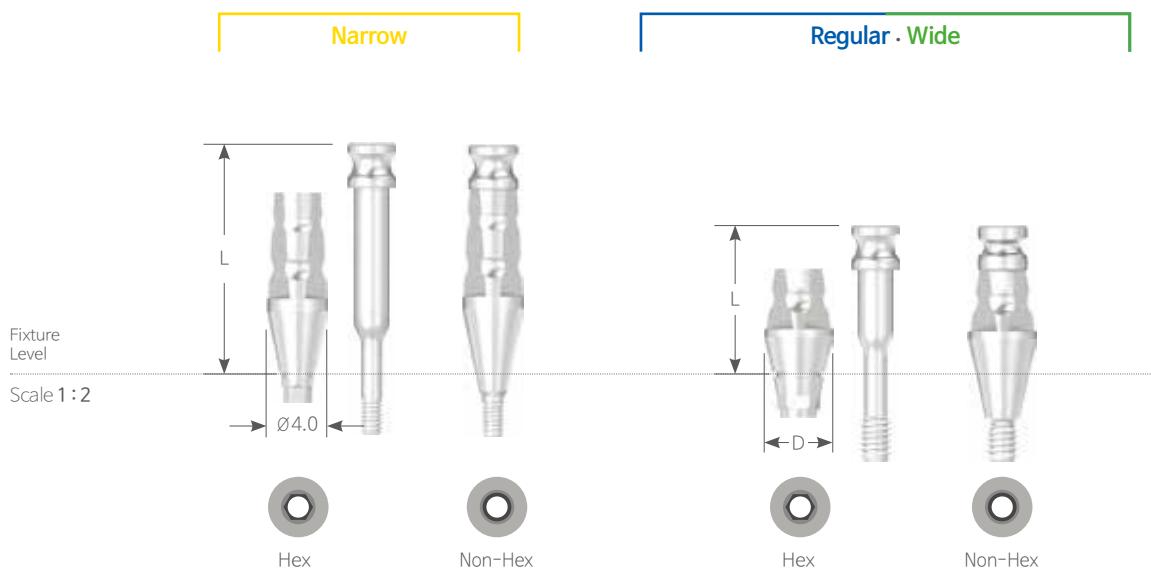
| N R W Non-Hex | | | | | | | | Unit mm |
|---------------|-------------|------------|------------|----------------|------------|------------|-----------|---------|
| Fixture Size | Narrow | | | Regular . Wide | | | | |
| Diameter | Ø4.0 | Guide Pin | Ø4.0 | Ø4.5 | Ø5.5 | Ø6.5 | Guide Pin | |
| Length 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 Tray를 이용하여 인상을 채득하는 Transfer Type

- 삼중 단면 구조로 인상 후 인기성 증대
- Uses 1.2 Hex Driver
- Hex는 Two-piece 구조, Non-Hex는 One-piece 구조
- Tightening Torque : **N** 20Ncm, **R W** 30~35Ncm
- 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 | - | - | - | - | - | - | |

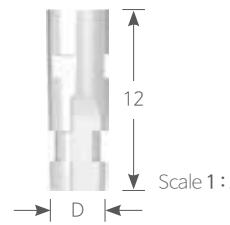
| N R W Non-Hex | | | | | Unit mm |
|----------------------|---------------|------------|-----------------------|------------|------------|
| Fixture Size | Narrow | | Regular . Wide | | |
| Diameter | Ø4.0 | Ø4.0 | Ø4.5 | Ø5.5 | Ø6.5 |
| Length 10 | - | SSTI 4010N | SSTI 4510N | SSTI 5510N | SSTI 6510N |
| 13 | UNSTI 4013N | - | - | - | - |
| 15 | UNSTI 4015N | SSTI 4015N | SSTI 4515N | SSTI 5515N | SSTI 6515N |
| 17 | UNSTI 4017N | - | - | - | - |

Abutment Components

Fixture Analog

▶ 작업 모형상에서 구강의 Fixture를 구현

※ 의료기기 아님



Unit mm | Scale 1 : 1.25

N R W Length 12

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



UNSF A 3012

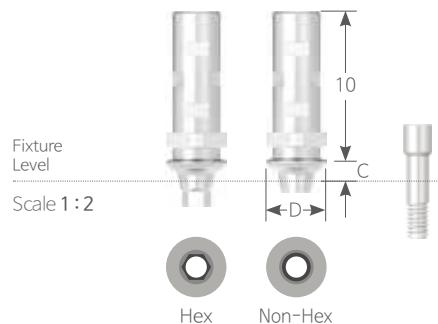


SSFA 4012

Temporary Abutment Hex Non-Hex

▶ 임시 보철물 제작에 사용

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



N R W Length 10

Unit mm | Scale 1 : 1.25

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



Cuff 1 UNSTA 4010H

3 UNSTA 4030H

Abut. Screw UNSAS 1407H



UNSTA 4010N

UNSTA 4030N

UNSA S 1407H



SSTA 4510H [H]

SSTA 4530H [H]

SSC 2008H



SSTA 4510N [H]

SSTA 4530N [H]

SSC 2008H

Cemented Abutment

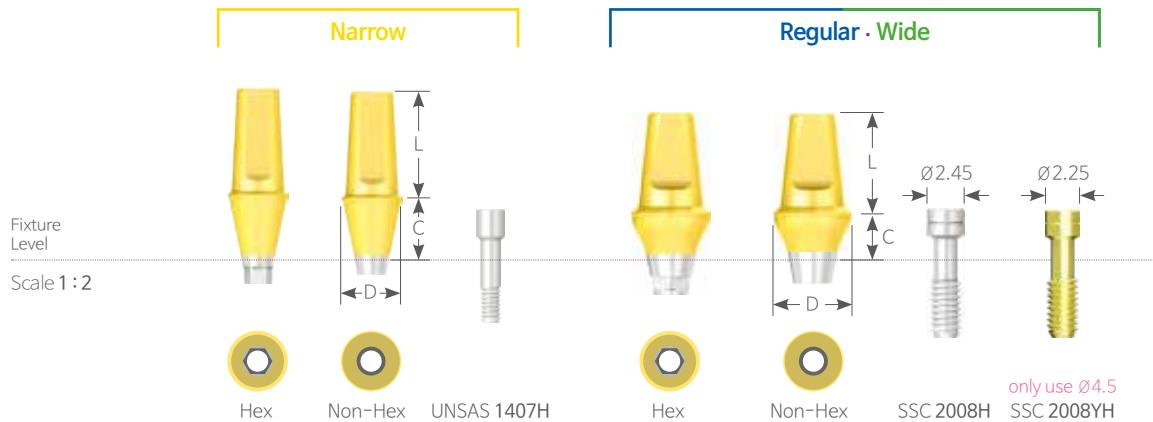
Hex

Non-Hex

보험 Code | Narrow L7552169 | Regular / Wide L7552101

▶ 일반적인 Cement Type의 보철 제작에 사용

- 심미성을 고려하여 Gingiva 부위를 Gold Coloring
- Fixture와 연결되는 방식에 따라 Hex / Non-Hex로 구분
- 보철물의 회전방지를 위한 단면 구현
- Uses 1.2 Hex Driver
- Solid Abutment Impression Cap 호환 사용가능
- Packing Unit : Abutment + Abutment Screw
- Tightening Torque : **N** 20Ncm, **R** 30~35Ncm



| N | R | W | Hex | Unit mm Scale 1:1.25 | |
|--------------|--------|------|----------------|------------------------|------|
| Fixture Size | Narrow | | Regular · Wide | | |
| Diameter | Ø4.0 | Ø4.5 | Ø5.5 | Ø6.5 | Ø7.5 |



Length 4

| | | | | | |
|--------|---|----------------|--------------------|--------------------|--------------------|
| Cuff 1 | - | SSCA 45104H(Y) | SSCA 55104H(II)[H] | SSCA 65104H(II)[H] | SSCA 75104H(II)[H] |
| 2 | - | SSCA 45204H(Y) | SSCA 55204H(II)[H] | SSCA 65204H(II)[H] | SSCA 75204H(II)[H] |
| 3 | - | SSCA 45304H(Y) | SSCA 55304H(II)[H] | SSCA 65304H(II)[H] | SSCA 75304H(II)[H] |
| 4 | - | SSCA 45404H(Y) | SSCA 55404H(II)[H] | SSCA 65404H(II)[H] | SSCA 75404H(II)[H] |
| 5 | - | SSCA 45504H(Y) | SSCA 55504H(II)[H] | SSCA 65504H(II)[H] | SSCA 75504H(II)[H] |
| Screw | - | SSC 2008YH | SSC 2008H | SSC 2008H | SSC 2008H |

Length 5.5

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

N R W Hex

Unit mm | Scale 1 : 1.25

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

Length 7

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

N R W Non-Hex

Unit mm | Scale 1 : 1.25

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



Length 4

| | | | | | |
|--------|---|----------------|--------------------|--------------------|--------------------|
| Cuff 1 | - | SSCA 45104N(Y) | SSCA 55104N(II)[H] | SSCA 65104N(II)[H] | SSCA 75104N(II)[H] |
| 2 | - | SSCA 45204N(Y) | SSCA 55204N(II)[H] | SSCA 65204N(II)[H] | SSCA 75204N(II)[H] |
| 3 | - | SSCA 45304N(Y) | SSCA 55304N(II)[H] | SSCA 65304N(II)[H] | SSCA 75304N(II)[H] |
| 4 | - | SSCA 45404N(Y) | SSCA 55404N(II)[H] | SSCA 65404N(II)[H] | SSCA 75404N(II)[H] |
| 5 | - | SSCA 45504N(Y) | SSCA 55504N(II)[H] | SSCA 65504N(II)[H] | SSCA 75504N(II)[H] |
| Screw | - | SSC 2008YH | SSC 2008H | SSC 2008H | SSC 2008H |

Length 5.5

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

Length 7

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

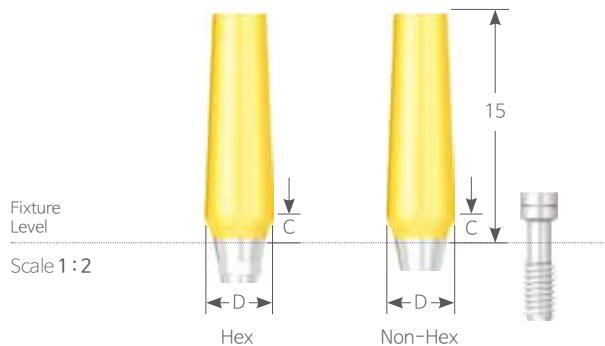
Mill Abutment

Hex

Non-Hex

▶ Abutment의 Path 설정 / 보철물의 Margin부 Customize가 필요한 경우 사용

- 치과용 Cement를 사용하여 보철물을 고정시키는 Cement Retained Type의 Abutment
- Fixture와 연결되는 방식에 따라 Hex / Non-Hex로 구분
- Uses 1.2 Hex Driver
- Packing Unit : Abutment + Abutment Screw (SSC 2008H)
- Tightening Torque : 30~35Ncm



R W Hex Length 15

Unit mm | Scale 1:1.25

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



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

R W Non-Hex Length 15

Unit mm | Scale 1:1.25

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



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

Angled Abutment

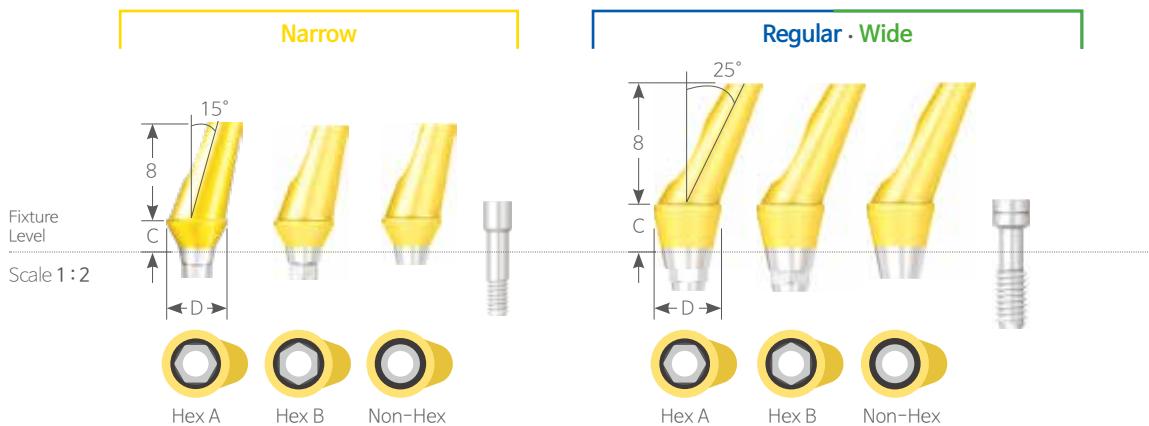
Hex

Non-Hex

보험 Code | Narrow L7553119 | Regular / Wide L7553064

▶ Fixture의 Path 보정 시 사용 / 주로 전치부에 사용

- 일반적인 Cement Retained Type의 Abutment
- 지대주의 기울기에 따라 15°, 25° Angled Abutment로 구분
- Hex부는 A Type과 B Type로 구분되어 있어 Abutment의 방향 제한을 극복
- 심미성을 고려하여 Gingiva부위를 Gold Coloring
- 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

| 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 | UNSA | 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 | UNSA | 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] | |

N R W Hex B

| Fixture Size | Narrow | | Regular . Wide | | | |
|--------------|--------|------------------|------------------|------------------|------------------|------------------|
| Cuff 1.5 | - | SSAA 451515BH[H] | SSAA 451525BH[H] | SSAA 551515BH[H] | SSAA 551525BH[H] | |
| 2.0 | UNSA | 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 | UNSA | 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] | |

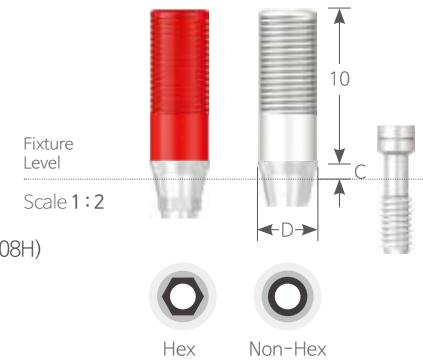
N R W Non-Hex

| Fixture Size | Narrow | | Regular . Wide | | | |
|--------------|--------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Cuff 1.5 | - | SSAA 451515N[H] | SSAA 451525N[H] | SSAA 551515N[H] | SSAA 551525N[H] | |
| 2.0 | UNSA | 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 | UNSA | 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] | |

UCLA Abutment

UCLA CCM Abutment

- Customize 한 뒤 치과용 합금(비규금속)으로 Casting하여 보철물을 제작
- Hex / Non-Hex Type
- Uses 1.2 Hex Driver
- Packing Unit : Abutment + Abutment Screw (**N** UNSAS 1407H, **R W** SSC 2008H)
- Tightening Torque : **N** 20Ncm, **R W** 30~35Ncm



N R W Length 10

Unit mm | Scale 1:1.25

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



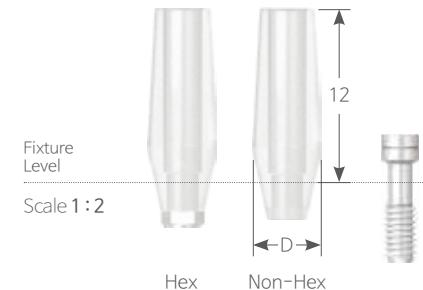
Cuff 1 | UNSCCA 4010H UNSCCA 4010N CCSS 4010H [H] CCSS 4010N [H] CCSS 4510H [H] CCSS 4510N [H]
 3 | UNSCCA 4030H UNSCCA 4030N - - CCSS 4530H [H] CCSS 4530N [H]

UCLA Plastic Abutment

Hex Non-Hex

- Customize 한 뒤 치과용 합금(비규금속)으로 Casting 하여 보철물을 제작
- Hex / Non-Hex Type
- Uses 1.2 Hex Driver
- Packing Unit : Abutment + Abutment Screw (SSC2008H)
- Tightening Torque : Tightening smoothly before casting,
30~35Ncm after casting

※ 의료기기 아님



R W Length 12

Unit mm | Scale 1:1.25

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



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

Cement – Retained Restorations

Solid Abutment

Fixture - **N R W**



Plastic Coping

037P



Solid Abutment Analog

037P



Impression Cap

036P



Solid Abutment

035P



Protect Cap

036P



UFII Narrow
011P



UFII Regular
012P



UFII Wide
014P



UFIII Regular
018P



Cover Screw
019P



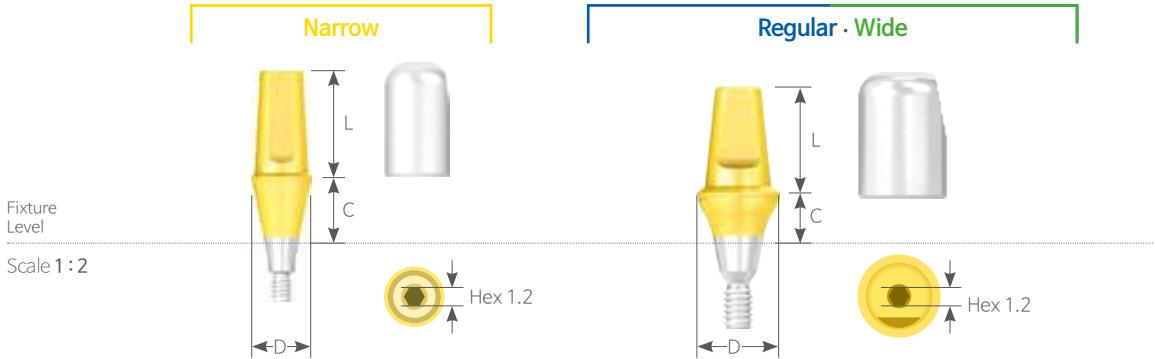
Healing Abutment
020P

Solid Abutment

보험 Code | Narrow L7550099 | Regular / Wide L7550061

▶ 치과용 Cement를 사용하여 보철물을 고정시키는 Cement Retained Type의 Abutment

- Abutment와 Screw가 일체형 구조
- Abutment Level에서 인상채득
- 심미성을 고려하여 Gingiva부위를 Gold Coloring
- Uses 1.2 Hex Driver / Solid Abutment Driver
- Packing Unit : Abutment + Protect Cap
- Tightening Torque : **N** 20Ncm, **R** 30~35Ncm



| | N | R | W | |
|--------------|----------|----------|----------|----------------|
| 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

▶ 구강 내에서 Abutment를 보호하고 환자의 이물감을 최소화할 경우에 사용

- 임시보철의 하부 구조로 적용 가능
- 편리한 Locking

Narrow



Regular · Wide



N R W

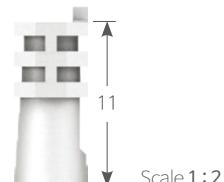
Unit mm | Scale 1:2

| Fixture Size | Narrow | Regular · Wide | | | |
|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Abut. Diameter | $\varnothing 4.0$ | $\varnothing 4.5$ | $\varnothing 5.5$ | $\varnothing 6.5$ | $\varnothing 7.5$ |
| Abut. Length 4 | - | SSAC 4504 | SSAC 5504 | SSAC 6504 | SSAC 7504 |
| 5.5 | UNSA 4005 | SSAC 4505 | SSAC 5505 | SSAC 6505 | SSAC 7505 |
| 7 | UNSA 4007 | SSAC 4507 | SSAC 5507 | SSAC 6507 | SSAC 7507 |

Impression Cap

▶ Solid Abutment 의 인상채득에 사용

- Abutment Diameter에 따라 쉽게 식별이 가능하도록 색상 표시
- 편리한 Locking



N R W Length 11

Unit mm | Scale 1 : 1.25

| Fixture Size | Narrow | Regular · Wide | | | |
|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Abut. Diameter | $\varnothing 4.0$ | $\varnothing 4.5$ | $\varnothing 5.5$ | $\varnothing 6.5$ | $\varnothing 7.5$ |



UNSAI 4011



SSAI 4511



SSAI 5511



SSAI 6511



SSAI 7511

Solid Abutment Analog

- 작업 모형상에서 Solid Abutment 형상 구현
- Abutment Diameter에 따라 쉽게 식별이 가능하도록 색상 표시
- ※ 의료기기 아님



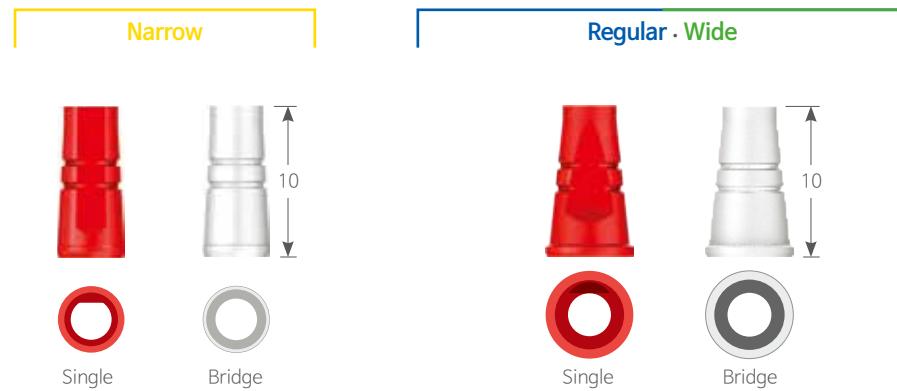
Scale 1:2

Unit mm | Scale 1:1.25

| N | R | W | | | |
|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Fixture Size | Narrow | | Regular . Wide | | |
| Abut. Diameter | $\varnothing 4.0$ | $\varnothing 4.5$ | $\varnothing 5.5$ | $\varnothing 6.5$ | $\varnothing 7.5$ |
| 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

- Solid Abutment Analog에 체결하여 보철물의 Framework로 사용
- Case에 따라 쉽게 식별이 가능하도록 색상 표시
- ※ 의료기기 아님



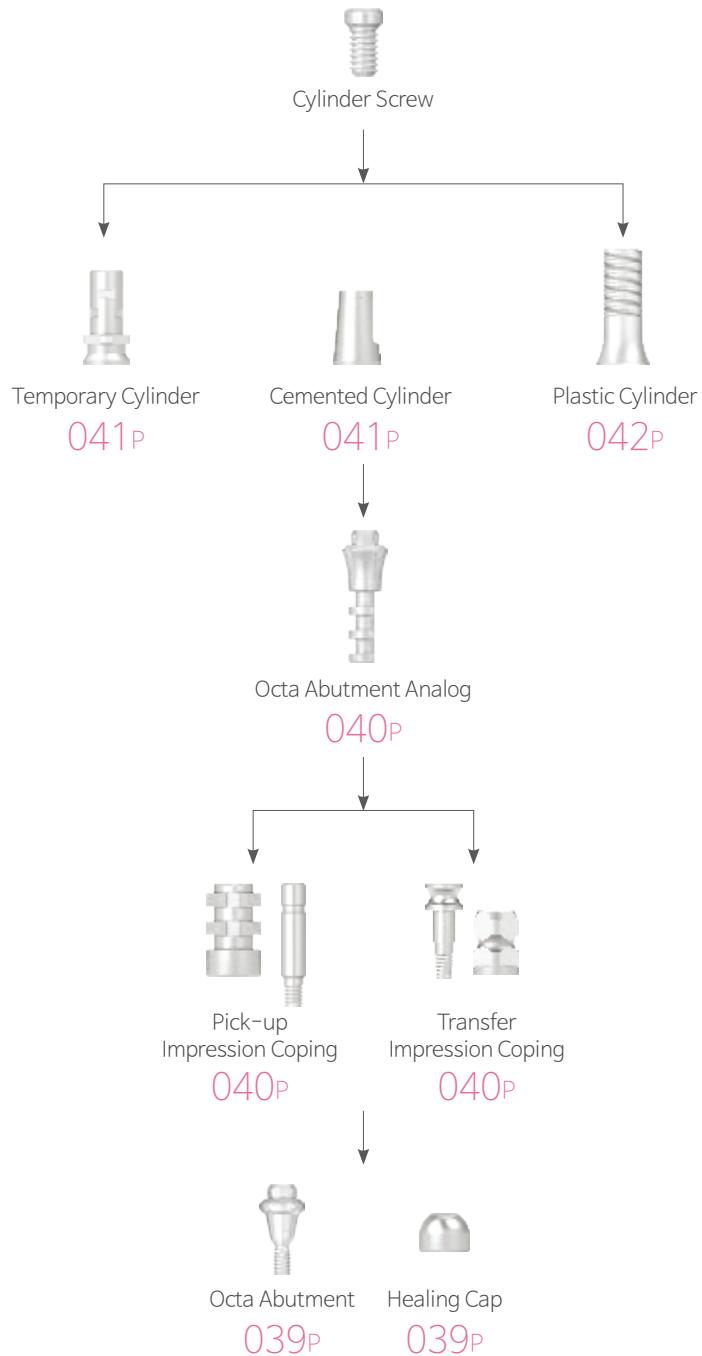
Unit mm | Scale 1:2

| N | R | W | Length 10 | | |
|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Fixture Size | Narrow | | Regular . Wide | | |
| Abut. Diameter | $\varnothing 4.0$ | $\varnothing 4.5$ | $\varnothing 5.5$ | $\varnothing 6.5$ | $\varnothing 7.5$ |
| ● Single | UNSAF 4010S | SSAP 4510S | SSAP 5510S | SSAP 6510S | SSAP 7510S |
| ○ Bridge | UNSAF 4010B | SSAP 4510B | SSAP 5510B | SSAP 6510B | SSAP 7510B |

Cement / Screw – Retained Restorations

Octa Abutment

Fixture - R W



UFII Regular
012P



UFII Wide
014P



UFIII Regular
018P



Cover Screw
019P

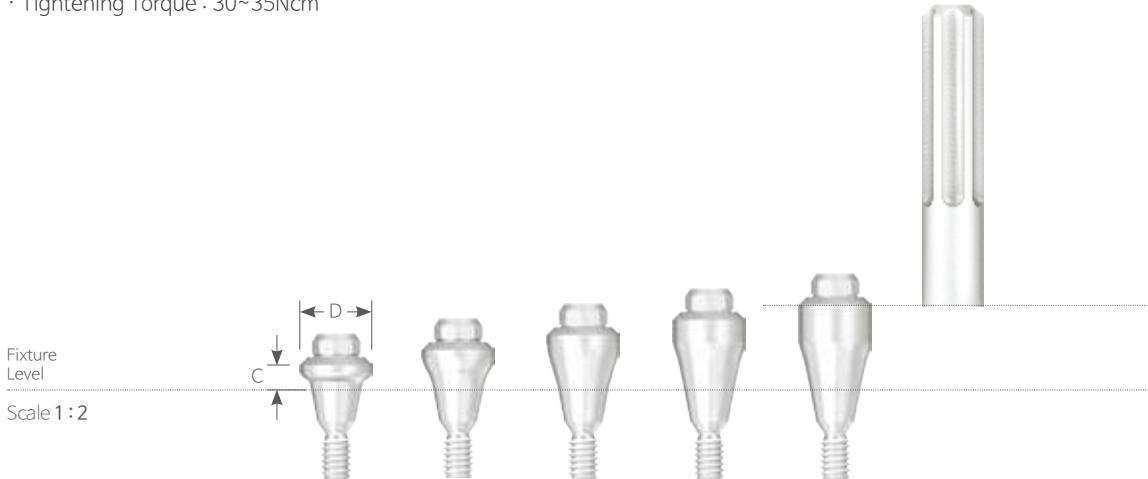


Healing Abutment
020P

Octa Abutment

▶ Path가 어긋난 Bridge Case에서 Cement/Screw 유지 방식의 보철 제작에 사용

- Internal Connection Fixture를 External Connection Type으로 전환하여 그 위에 Cylinder를 사용하여 보철할 수 있도록 설계
- Uses Octa Abutment Driver (HD 3006A-Short / HD 3012A-Long)
- Packing Unit : Octa Abutment + Abutment Holder (구강 내 체결 시 유용함)
- Tightening Torque : 30~35Ncm



| R | W | Regular · Wide | | |
|--------------|---|----------------|-----------|-----------|
| Fixture Size | | Diameter | | |
| Cuff 1.5 | | Ø4.8 | Ø6.0 | Ø6.5 |
| 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

▶ 구강에서 Octa Abutment를 보호하고 환자의 이물감을 최소화할 경우에 사용

- Uses 1.2 Hex Driver
- Packing Unit : Healing Cap + Cylinder Screw (STI 2004H)
- Tightening Torque : 20Ncm



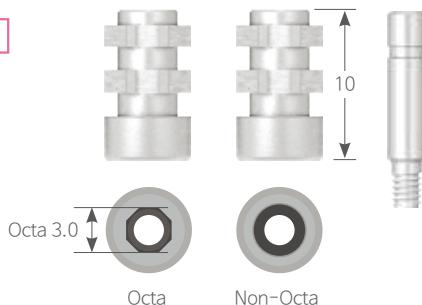
| R | W | Regular · Wide | | |
|--------------|---|----------------|-----------|-----------|
| Fixture Size | | Abut. Diameter | | |
| | | Ø4.8 | Ø6.0 | Ø6.5 |
| | | HCI 48504 | HCI 60704 | HCI 65704 |

Octa Abutment Components

Pick-up Impression Coping [Octa] [Non-Octa]

▶ Open Tray를 이용하여 인상을 채득하는 Pick-up Type

- 인접 간섭을 최소화하는 비대칭 구조
- Uses 1.2 Hex Driver
- Packing Unit : Pick-up Impression Coping + Guide Pin (POI 2610)



R W Length 10

Unit mm | Scale 1:2

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

Transfer Impression Coping

▶ Closed Tray를 이용하여 인상을 채득하는 Transfer Type

- 이중 단면 구조로 인상 후 인기성 증대
- Uses 1.2 Hex Driver
- Packing Unit : Transfer Impression Coping + Coping Screw (IOTI 48010S)



R W Length 10

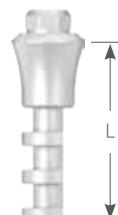
Unit mm | Scale 1:2

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

Octa Abutment Analog

▶ 작업 모형상에서 구강의 Octa Abutment 형상을 구현

※ 의료기기 아님



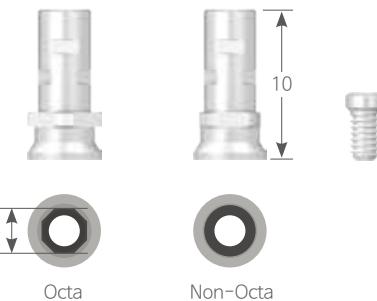
R W

Unit mm | Scale 1:2

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

Temporary Cylinder Octa Non-Octa

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



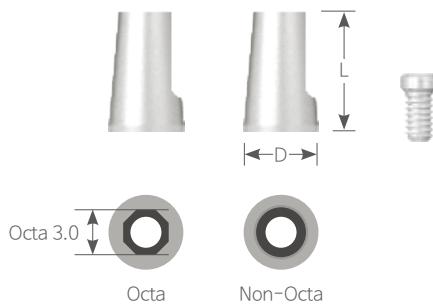
R W Length 10

Unit mm | Scale 1:2

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

Cemented Cylinder Octa Non-Octa

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



R W

Unit mm | Scale 1:2

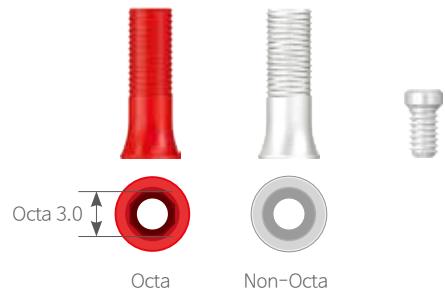
| Fixture Size | Regular · Wide | | | |
|-------------------|----------------|----------------|----------------|----------------|
| Abut. Diameter | Ø4.8 | Ø4.8 | Ø6.0 | Ø6.5 |
| Cylinder Diameter | Ø5.0 | Ø5.8 | Ø6.4 | Ø6.9 |
| Length | 8 | 8 | 9 | 9 |
| Octa | ICC 48508 [H] | ICC 48588 [H] | ICC 60649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

Octa Abutment Components

Plastic Cylinder Octa Non-Octa

- Customize한 뒤 비규금속 합금으로 Casting하여 보철물 제작
- Uses 1.2 Hex Driver
- Packing Unit : Plastic Cylinder + Cylinder Screw(STI 2004H)
- Tightening Torque : 20Ncm

※ 의료기기 아님

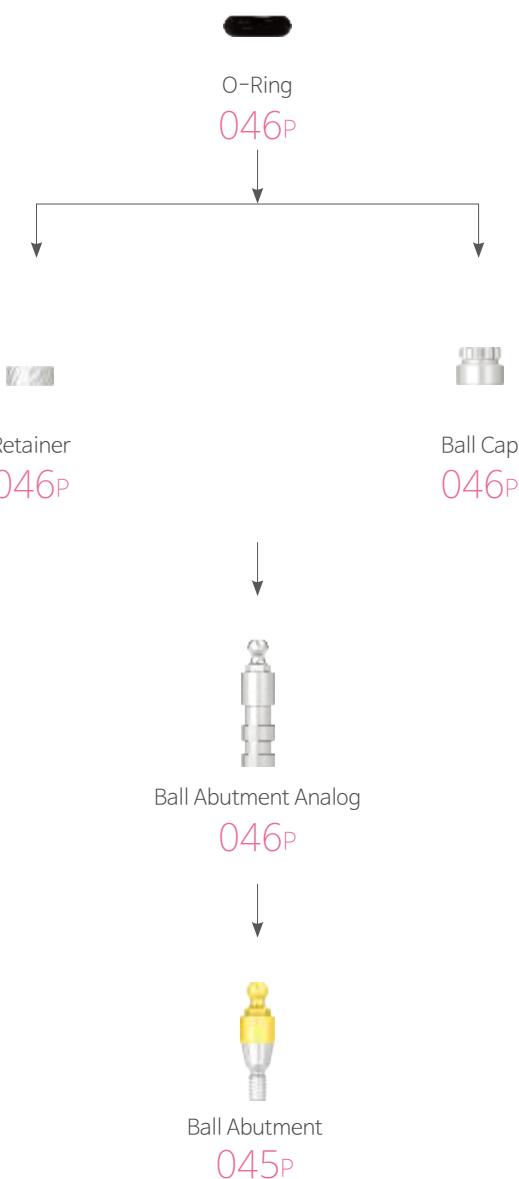


| R | W | Unit mm Scale 1:2 | | |
|----------------|---|---------------------|---------------|---------------|
| Fixture Size | | Regular · Wide | | |
| Abut. Diameter | | Ø4.8 | Ø6.0 | Ø6.5 |
| Octa ● | | API 48514[H] | API 60714[H] | API 65714[H] |
| Non-Octa ○ | | API 48514N[H] | API 60714N[H] | API 65714N[H] |

Overdenture Restorations

Ball Abutment : O-Ring

Fixture - R W



UFII Regular
012P



UFII Wide
014P



UFIII Regular
018P



Cover Screw
019P

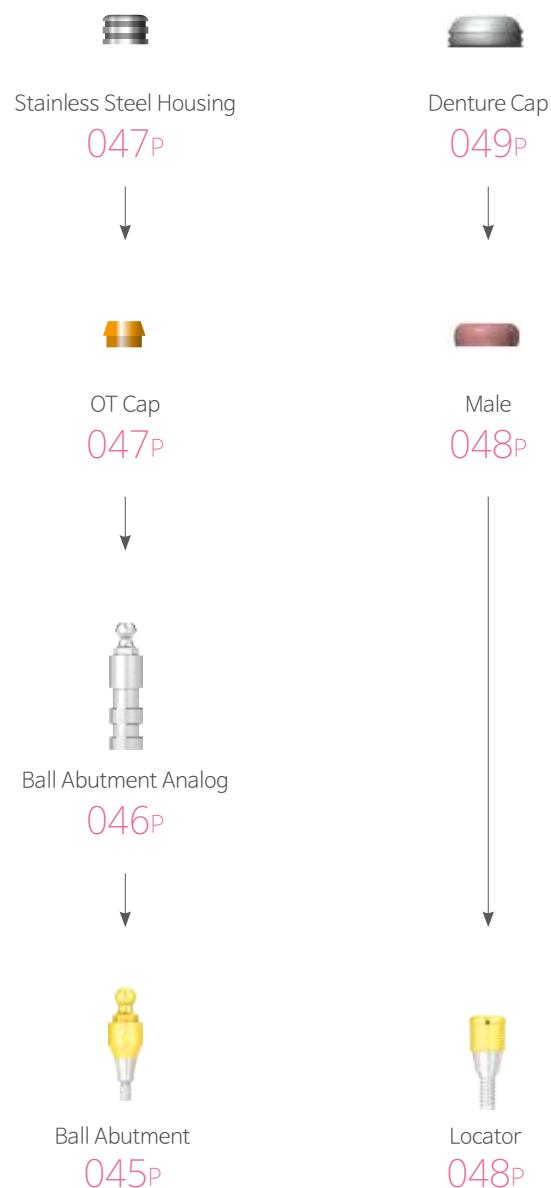


Healing Abutment
020P

Overdenture Restorations

Ball Abutment : OT Cap / Locator

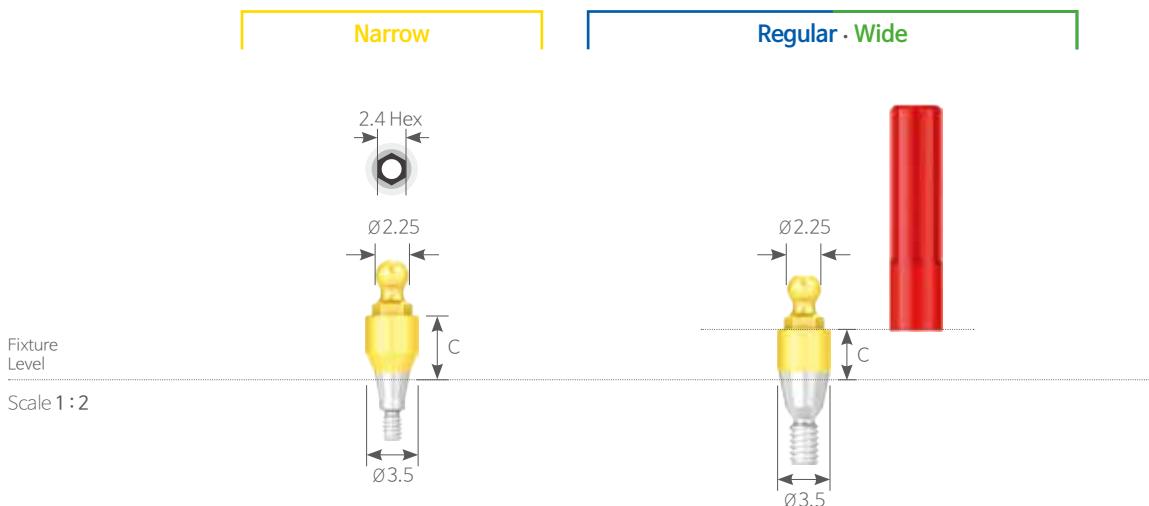
Fixture - **N R W**



Ball Abutment

▶ Ball Type의 Overdenture 제작을 위해 사용

- 심미성을 고려하여 Gingiva 부위를 Gold Coloring
- 최대 20°의 Path 보상
- Uses Ball Abutment Driver (HD 2406A, HD 2412A)
- Packing Unit : Ball Abutment + Abutment Holder (구강 내 체결 시 유용함) + O-Ring (Orange : OR 0450O)
- Tightening Torque : **N** 20Ncm, **R** 30~35Ncm



| N | R | W | Unit mm |
|--------------|--------|------------|----------------|
| Fixture Size | Narrow | | Regular · Wide |
| Diameter | Ø3.5 | | Ø3.5 |
| Cuff 1 | | UNSDA 3510 | SSBA 3510 |
| 2 | | UNSDA 3520 | SSBA 3520 |
| 3 | | UNSDA 3530 | SSBA 3530 |
| 4 | | UNSDA 3540 | SSBA 3540 |
| 5 | | UNSDA 3550 | SSBA 3550 |
| 6 | | UNSDA 3560 | SSBA 3560 |
| 7 | | UNSDA 3570 | - |

Ball Abutment Components

Ball Abutment Analog

▶ 작업 모형상에서 구강의 Ball Abutment 형상을 구현

※ 의료기기 아님



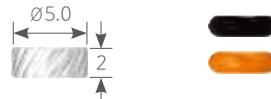
Unit mm | Scale 1:2

N R W Length 10

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

Retainer

- Ball Cap에 비하여 교합간격이 낮을 경우에 유리
- Packing Unit : Retainer + O-Ring (OR 0450B + OR 0450O)



Unit mm | Scale 1:2

N R W D Ø5.0 Length 2

| Fixture Size | Narrow · Regular · Wide |
|--------------|-------------------------|
| | RT 0502 |

Ball Cap

- 우수한 유지력 및 의치 착탈감
- Packing Unit : Ball Cap + O-Ring (OR 0450B + OR 0450O)



Unit mm | Scale 1:2

N R W D Ø5.0 Length 4

| Fixture Size | Narrow · Regular · Wide |
|--------------|-------------------------|
| | BC 5004 |

O-Ring

- Black : 기공소에서 사용하는 Overdenture 제작용 O-Ring
- Orange : 구강용 O-Ring이며 유지력이 높은 사양 (약6Ncm)
- Packing Unit : O-Ring 1 Piece



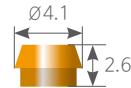
Unit mm | Scale 1:2

N R W D Ø4.5

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

OT Cap Orange

- O-Ring에 비해 넓은 접촉면적으로 우수한 유지력 얻음
- Packing Unit : 6 Pieces
- 주의) 기공용 Cap 별도 없음, Denture 제작 후 Cap 교체



N R W D Ø4.1 Length 2.6

Unit mm | Scale 1:2

Fixture Size

Narrow · Regular · Wide

049PCNDR8

Stainless Steel Housing

- Size가 줄어 안정감을 더해주며 Resin과 결합력을 높일 수 있도록 디자인
- Packing Unit : 2 Pieces



N R W D Ø4.5 Length 3

Unit mm | Scale 1:2

Fixture Size

Narrow · Regular · Wide

041CAN

Insertion Tool For Caps

- ▶ Stainless Housing에 Cap 삽입 시 사용
- Tip 양방향 이용하여 Normal / Micro 사용 가능
- Packing Unit : Handle + Tip



N R W

Fixture Size

Narrow · Regular · Wide

085IAC

Remover Tool For Caps

- ▶ Stainless Housing에 Cap 제거 시 사용
- 하나의 Tool로 Normal / Micro 사용 가능



N R W

Fixture Size

Narrow · Regular · Wide

091EC

Locator

- 기존 Denture 환자에게 사용되던 방식(O-Ring System, Bar Type System 등)에서 한 단계 Upgrade된 형태로 Fixture에 Locator Abutment를 체결한 후 Denture에 연결된 Male과 암수 형태로 체결/분리하여 사용

Locator Abutment

- Uses Locator Driver
- Tightening Torque : **N** 20Ncm, **R** 30~35Ncm

| Fixture Level | Cuff 1 | Cuff 2 | Cuff 3 | Cuff 4 | Cuff 5 | Cuff 6 |
|---------------|--------|--------|--------|--------|--------|--------|
| Scale 1 : 2 | | | | | | |

| 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 | |

Replacement Male

- 최대 20°까지 각도 보상
- Packing Unit : 1ea

| N | R | W | |
|-----------|------------------|--------------------------|--------------------|
| Retention | 1.5 LBS | 3 LBS | 5 LBS |
| Intensity | LOC 8529 Weak | LOC 8527 Intermediate | LOC 8524 Strong |

Extended Replacement Male

- 20° ~ 40°까지 각도 보상
- Packing Unit : 1ea

| N | R | W | |
|-----------|------------------|--------------------------|--------------------------|
| Retention | 0 LBS | 1 LBS | 2 LBS |
| Intensity | LOC 8558 Weak | LOC 8548 Intermediate | LOC 8915 Intermediate |
| | | | LOC 8547 Strong |

Male Package

- Packing unit : 2set
 - Denture cap(LOC 8510) +
 - Replacement Male(White, Pink, Blue) +
 - Block-Out Spacer(LOC 8514)
- Case에 따라 적절한 유지력의 Male을 선택사용
- Locator Core Tool을 이용하여 Male 교체



| | | |
|--------------|------|---------|
| N R W | Type | 2 Set |
| | | 08519-2 |

Denture cap

- Packing Unit : 1set
 - Denture Cap + Black Processing Male (LOC 8515)



| | | |
|--------------|--------------|-------------------------|
| N R W | Fixture Size | Narrow · Regular · Wide |
| | | LOC 8510 |

Black Processing Male

- 보철물 과정에서 사용하는 Male
- Packing Unit : 1ea



| | | |
|--------------|--------------|-------------------------|
| N R W | Fixture Size | Narrow · Regular · Wide |
| | | LOC 8515 |

Block-Out Spacer

- Abutment와 Denture cap 사이의 공간 Sealing에 사용
- Packing Unit : 1ea



| | | |
|--------------|--------------|-------------------------|
| N R W | Fixture Size | Narrow · Regular · Wide |
| | | LOC 8514 |

Locator

Locator Core Tool

- Denture cap에 Replacement Male 체결 및 분리 시 사용
- 3 Piece로 분리되며 Locator Abutment용 Hand Driver로도 사용 가능



N R W

Code

08393

Locator Square Drive Torque Wrench Driver

- Locator Abutment용 Torque Driver

N R W

Code

08926

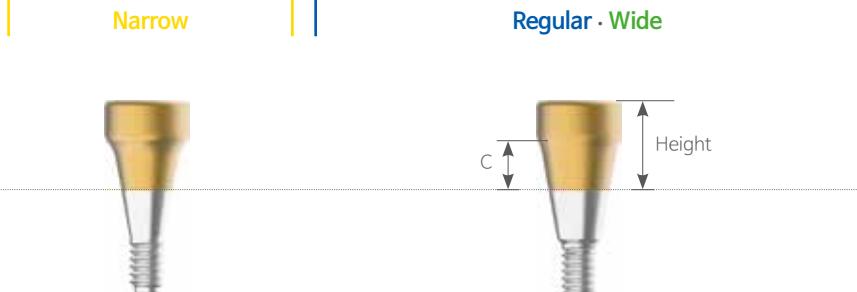
Unit mm | Scale 1:1

08927



MagDen Abutment

- Overdenture 제작을 위해 사용
- 자성에 의한 자가복원력으로 Denture의 착탈이 쉬움
- 상부 구조가 단순하여 유지보수가 용이
- Uses 1.2 Hex Driver



Narrow

Regular · Wide

Fixture Level

Scale 1:2

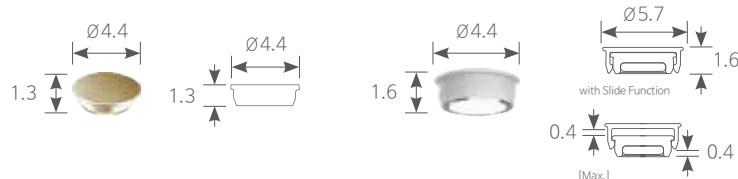
N R W

Unit mm | Scale 1:2

| Fixture Size | Narrow | Regular · Wide |
|-------------------|-----------|----------------|
| Height 3 Cuff 2 | SADO 5120 | SATR 1120 |
| Height 4 Cuff 3 | SADO 5130 | SATR 1130 |
| Height 5 Cuff 4 | SADO 5140 | SATR 1140 |
| Height 6 Cuff 5 | SADO 5150 | SATR 1150 |
| Height 7 Cuff 6 | SADO 5160 | SATR 1160 |
| Height 8 Cuff 7 | SADO 5260 | SATR 1260 |
| Height 9 Cuff 8 | SADO 5360 | SATR 1360 |
| Height 10 Cuff 9 | SADO 5460 | SATR 1460 |
| Height 11 Cuff 10 | SADO 5560 | SATR 1560 |
| Height 12 Cuff 11 | SADO 5660 | SATR 1660 |

Magnetic Assembly

- Magnetic Abutment용 Attachment
- Flat Type : Flat한 디자인
- SX Type : 최대 8° 각도 보상 가능



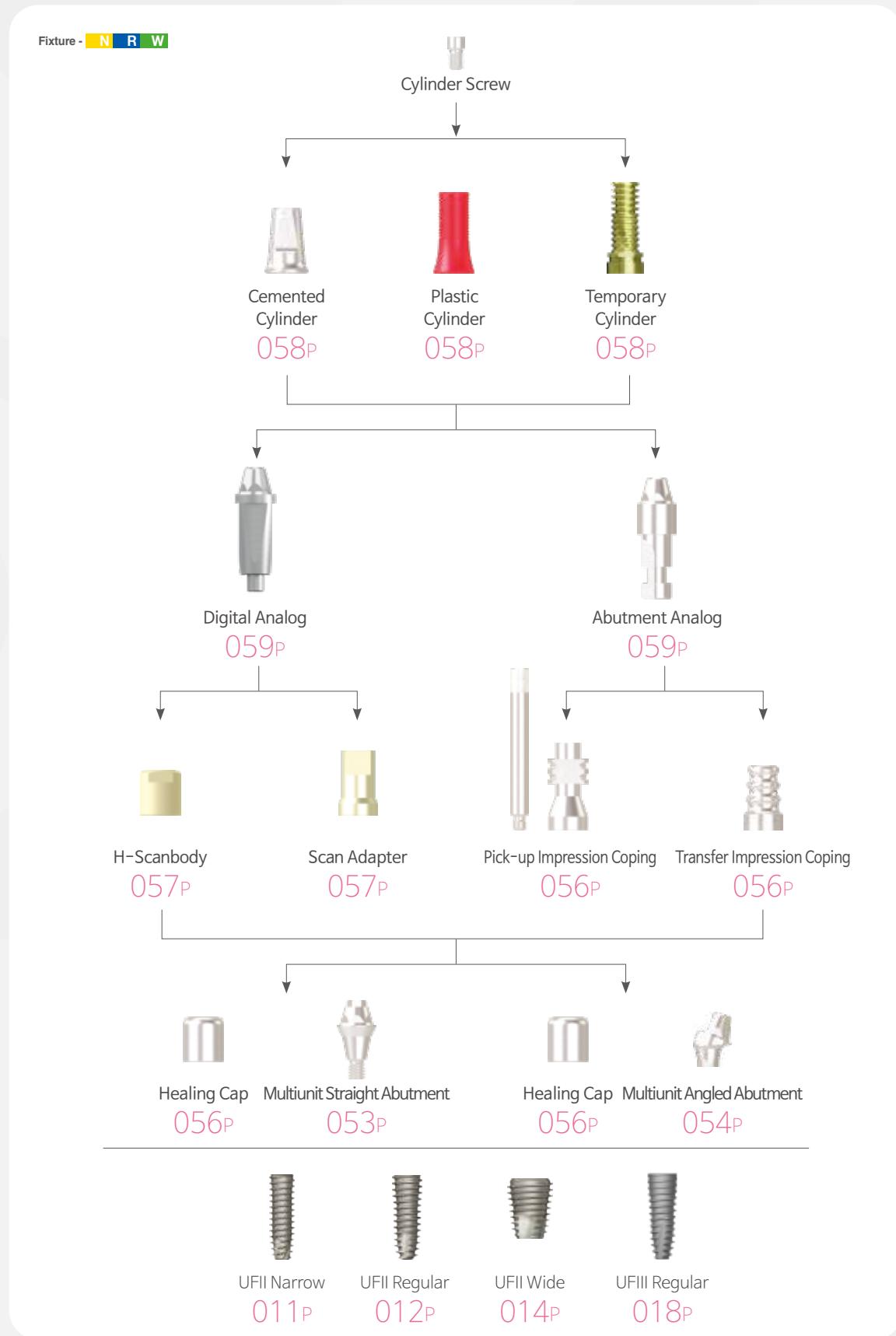
Unit mm | Scale 1:2

N R W

| Type | Flat Type | SX Type |
|------|-------------|-------------|
| Code | MAGFIT DXFL | MAGFIT SX-L |

Cement / Screw – Retained Restorations

Multiunit Abutment

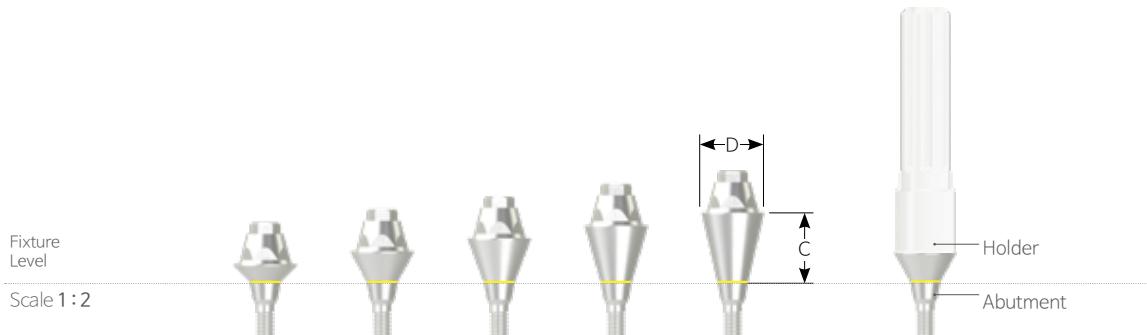


Multiunit Straight Abutment

▶ Path가 어긋난 Bridge Case에서 Cement/Screw 유지방식의 보철 제작에 사용

▶ 전치부에만 사용 가능

- Tightening Torque : **N** 25Ncm
- Packing unit : Multiunit Straight Abutment + Holder
- Uses Ø2.0 Multiunit Straight Abutment Driver (HD 2012A)



N D Ø4.8

Unit mm

| Cuff | 1.5 | 2.5 | 3.5 | 4.5 | 5.5 |
|------|-----------|-----------|-----------|-----------|-----------|
| | MSAN 4801 | MSAN 4802 | MSAN 4803 | MSAN 4804 | MSAN 4805 |

▶ Path가 어긋난 Bridge Case에서 Cement/Screw 유지방식의 보철 제작에 사용

- Tightening Torque : **R W** 30Ncm
- Packing unit : Multiunit Straight Abutment + Holder
- Uses Ø2.0 Multiunit Straight Abutment Driver (HD 2012A)



R W D Ø4.8

Unit mm

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

Multiunit Angled Abutment

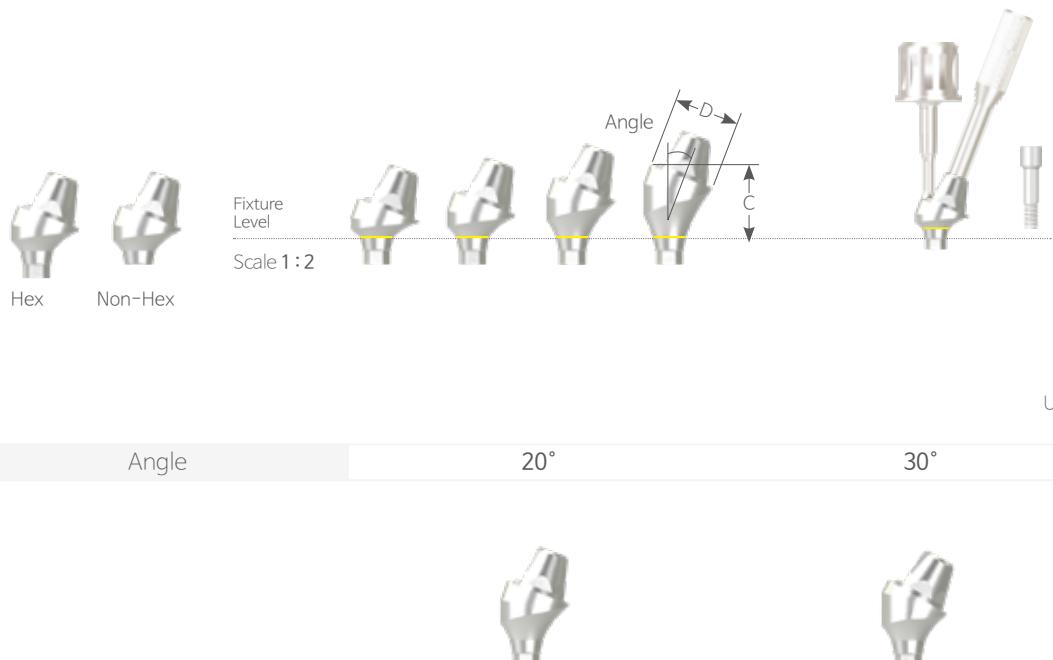
Hex

Non-Hex

▶ UFII Narrow Implant 시스템의 Screw유지방식 보철 제작에 사용

▶ 전치부에만 사용 가능

- Multi Angled Abutment Screw (UNSA 1407H)를 사용하여 Fixture와 결합
- Tightening Torque : **N** 25Ncm
- Packing unit : Multi Angled Abutment + Screw + Holder(MAH 1629)
- Uses Multi Angled Abutment Driver (MHD 1215A (Ratchet용), MMD 1224 (Machine용))



N Hex D Ø3.0 / D Ø3.3

Fixture Size

Narrow

| | | |
|----------|--------------|--------------|
| Cuff 2.5 | MAAN 482520H | - |
| 3.5 | MAAN 483520H | MAAN 483530H |
| 4.5 | MAAN 484520H | MAAN 484530H |
| 5.5 | MAAN 485520H | MAAN 485530H |

Screw

UNSA 1407H

N Non-Hex D Ø3.0 / D Ø3.3

Fixture Size

Narrow

| | | |
|----------|--------------|--------------|
| Cuff 2.5 | MAAN 482520N | - |
| 3.5 | MAAN 483520N | MAAN 483530N |
| 4.5 | MAAN 484520N | MAAN 484530N |
| 5.5 | MAAN 485520N | MAAN 485530N |

Screw

UNSA 1407H

▶ UF/UFII Regular-Wide Implant 시스템의 Screw유지방식 보철 제작에 사용

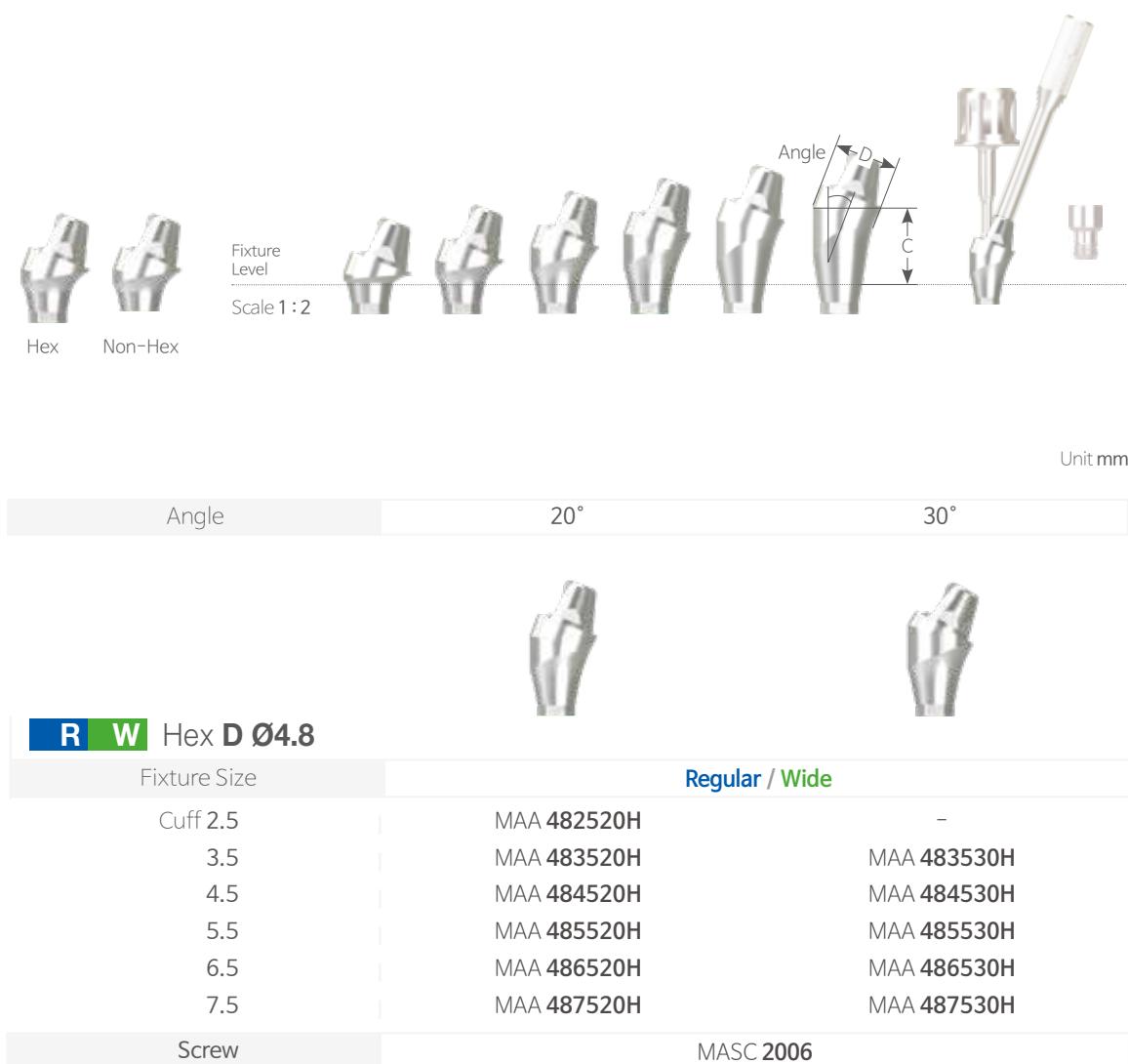
▶ Cuff 6.5 / 7.5mm 제품은 직경 Ø 4.5 이상의 Fixture만 체결 가능

· Multi Angled Abutment Screw (MASC 2006)를 사용하여 Fixture와 결합

· Tightening Torque : **R W** 30Ncm

· Packing unit : Multi Angled Abutment + Screw + Holder(MAH 1629)

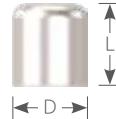
· Uses Multi Angled Abutment Driver (MHD 1215A (Ratchet용), MMD 1224 (Machine용))



Multiunit Abutment Components

Healing Cap

- 구강에서 Abutment 보호 및 환자의 이물감 최소화
- Uses 1.2 Hex Driver
- Tightening Torque : 5~8Ncm



R W D Ø5.0 Length 5.5

Unit mm | Scale 1:2

Code

MHC 5005

Pick-up Impression Coping

- Abutment Level 인상을 채득하는 Pick-up Type Impression Coping
- Open Tray 사용
- Multi Abutment 전용
- Uses 1.2 Hex Driver
- Packing Unit : Pick-up Impression Coping + Guide Pin(MGP 1615)
- Tightening Torque : 5~8Ncm



R W D Ø4.8 Length 11

Unit mm | Scale 1:2

Type

Hex

Non Hex

MPI 4811H

MPI 4811N

Transfer Impression Coping

- Abutment Level 인상을 채득하는 Transfer Type Impression Coping
- Closed Tray 사용
- Multi Abutment 전용
- Uses 1.2 Hex Driver
- Tightening Torque : 5~8Ncm



R W D Ø4.8 Length 8

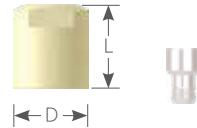
Unit mm | Scale 1:2

Code

MTI 4808N

H-Scanbody

- Healing과 Abutment Level의 디지털 인상채득 기능
- Multi Abutment 전용
- Uses 1.2 Hex Driver
- Packing Unit : H-Scanbody + Screw (MHSBSC 1603)
- Tightening Torque : 5~8Ncm



R W D Ø5.0 Length 5.6

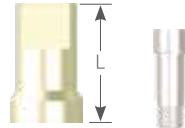
Unit mm | Scale 1:2

Code

MHSB 5005H

Scan Adapter

- Abutment Level의 디지털 인상채득시 사용
- 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 | Scale 1:2

Code

MSCAN 4808H

Multi Angled Abutment Jig

- Multi Angled Abutment를 구강 내에 편리하고 정확하게 Delivery 및 체결하기 위한 보조 도구
- Multi Angled Abutment와 Abutment Driver (MHD 1215A)를 Jig에 조립하여 사용
- Multi Angled Abutment 전용
- Packing Unit : Multi Angled Abutment Jig + Screw (MAJS 1604)



N R W

Unit mm | Scale 1:2

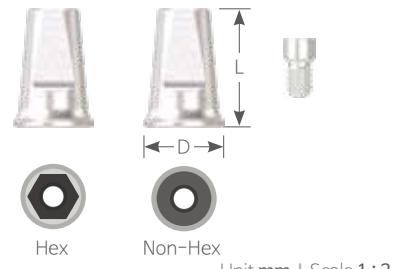
Code

MAJ 02

Multiunit Abutment Components

Cemented Cylinder Hex Non-Hex

- Cemented-Retained Type의 보철물 제작시 사용
- Uses 1.2 Hex Driver
- Packing Unit : Cemented Cylinder + Screw(MSC 1604)
- Tightening Torque : 20Ncm



R W D Ø5.4 Length 8

| Type | Hex | Non Hex |
|------|------------|------------|
| | MCEM 5408H | MCEM 5408N |

Unit mm | Scale 1:2

Plastic Cylinder Hex Non-Hex

- 비금속 합금으로 Casting하여 보철물 제작 시 사용
- 색상으로 Hex Type(Red), Non-Hex Type(White)구분
- Uses 1.2 Hex Driver
- Packing Unit : Plastic Cylinder + Screw(MSC 1604)
- Tightening Torque : 20Ncm



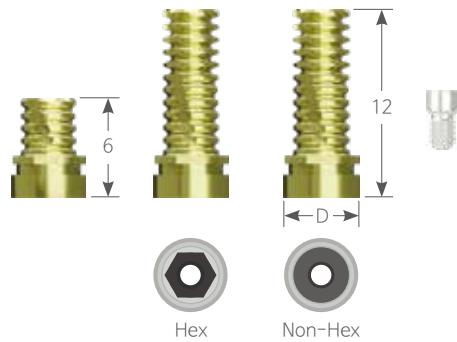
R W D Ø5.0 Length 10

| Type | Hex | Non Hex |
|------|------------|------------|
| | MPLA 5010H | MPLA 5010N |

Unit mm | Scale 1:2

Temporary Cylinder Hex Non-Hex

- Abutment Level의 임시 보철물 제작시 사용
- Uses 1.2 Hex Driver
- Packing Unit : Temporary Cylinder+ Screw(MSC 1604)
- Tightening Torque : 20Ncm



N R W D Ø4.8

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

Unit mm | Scale 1:2

Cylinder Screw

| | | | | |
|--------------|----------|------|----------|---------------------|
| N R W | Length 4 | Code | MSC 1604 | Unit mm Scale 1:2 |
|--------------|----------|------|----------|---------------------|



Abutment Analog

· 작업모형(Stone model)에서 Multi Abutment를 구현하기 위해 사용



| | | | | |
|-------------------|-----------|------|-----------|---------------------|
| R W D Ø4.8 | Length 15 | Code | MLA 4815H | Unit mm Scale 1:2 |
|-------------------|-----------|------|-----------|---------------------|



Digital Analog

· 3D Printed 모형상에서 Multi Abutment를 구현하기 위해 사용

| | | | | |
|-------------------|-------------|------|----------|---------------------|
| R W D Ø4.8 | Length 14.2 | Code | MDA 4813 | Unit mm Scale 1:2 |
|-------------------|-------------|------|----------|---------------------|

Surgical Tool

Screw Driver

· Only uses Multi Abutment

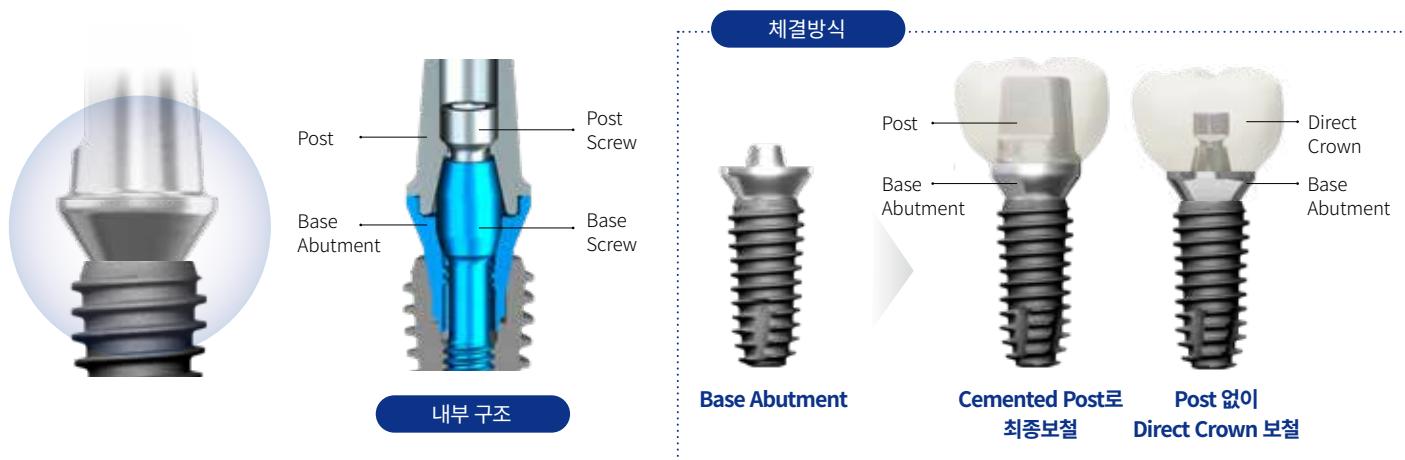
● 별매품

| K | Hex 1.2 | Type | Machine | Ratchet |
|----------|---------|----------|---------|-----------|
| Code | | MMD 1224 | | MHD 1215A |



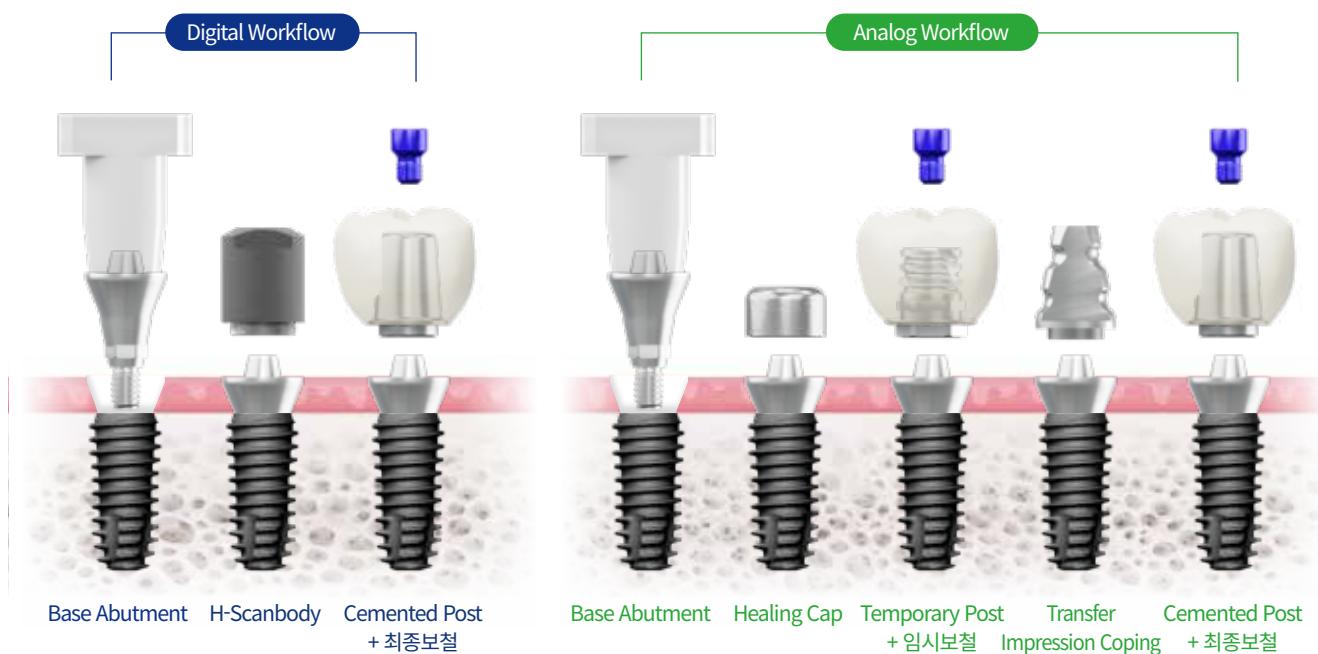
ECO Abutment System

Tissue Level에 고정되는 Base Abutment를 활용해
간편하고 유연한 보철 프로세스를 제공합니다.



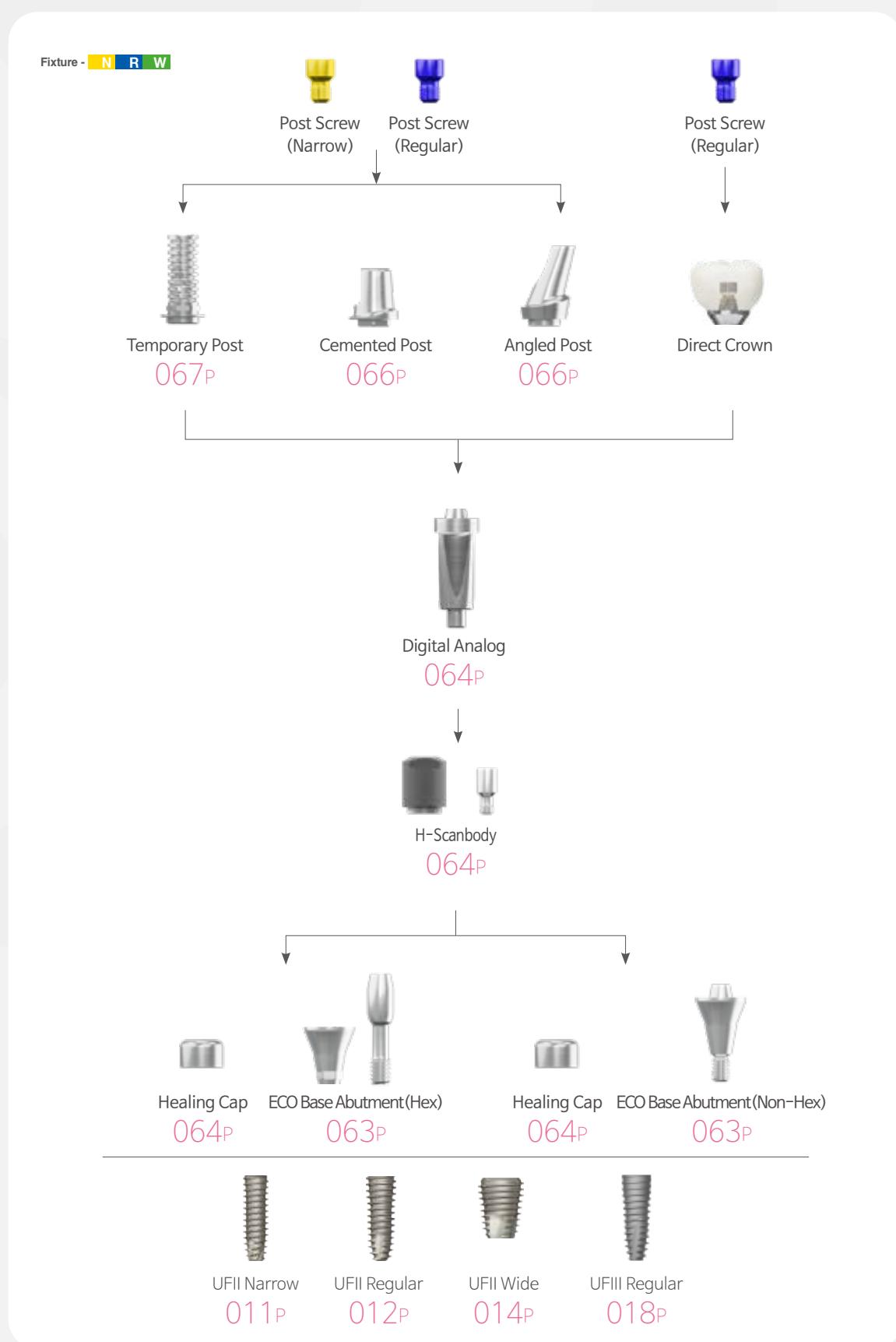
ECO Abutment Workflow

Base Abutment 1회 체결 후 제거없이 다양한 상부 Components를 통해
술자의 보철 계획에 맞는 효과적인 진료 가능합니다.



Cement/Screw – Retained Restorations

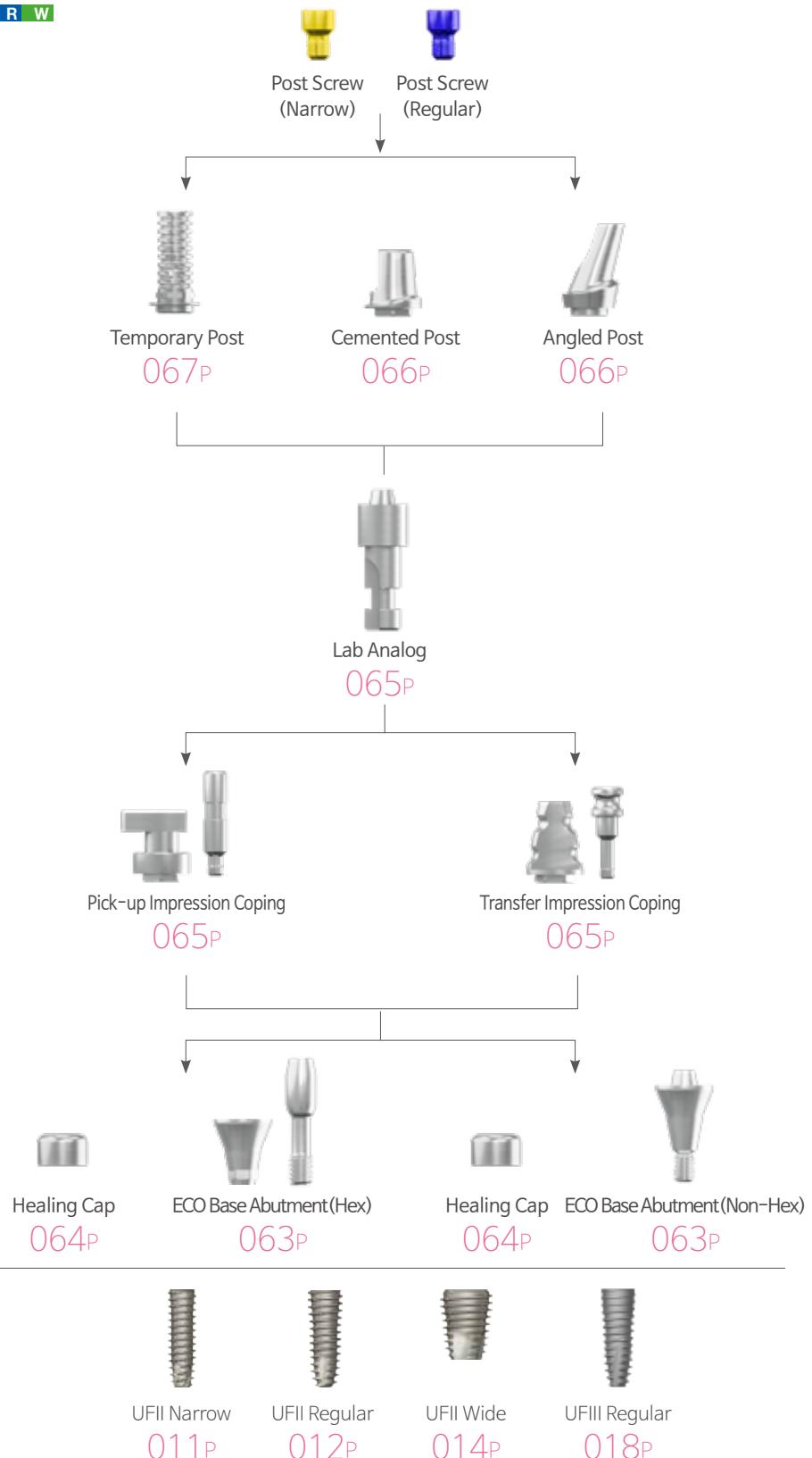
ECO Abutment - For Digital



Cement/Screw – Retained Restorations

ECO Abutment- For Analog

Fixture - N R W



ECO Base Abutment

Hex

Non-Hex

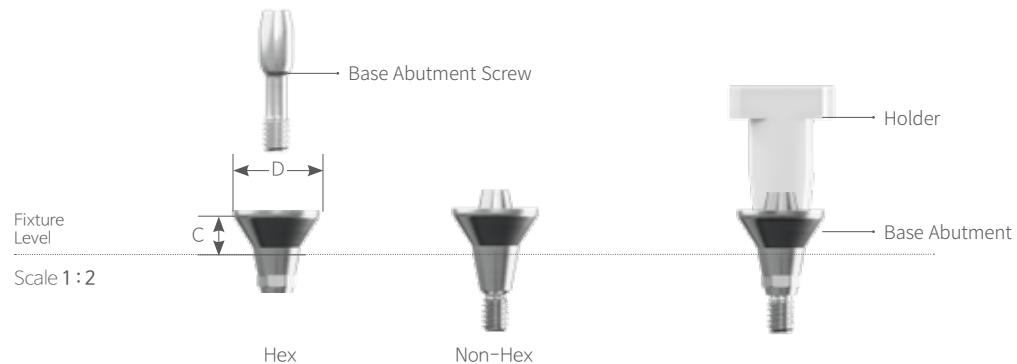
▶ 보철물을 고정시키는 ECO Abutment의 Base Abutment

▶ Narrow 최대 20° / Regular 최대 24° 보상

· Tightening Torque : N 20Ncm, R W 35Ncm

· Uses 1.2 Hex Driver

· Packing Unit : Base Abutment + Screw + Holder



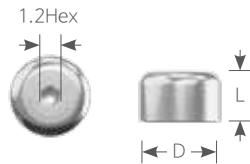
| N | R | W | Hex | Unit mm |
|--------------|-------------|------------|----------------|------------|
| Fixture Size | Narrow | | Regular · Wide | |
| Diameter | Ø4.2 | Ø4.8 | Ø5.5 | Ø6.5 |
| Cuff 1.5 | USNBA 4201H | USBA 4801H | USBA 5501H | USBA 6501H |
| 2.5 | USNBA 4202H | USBA 4802H | USBA 5502H | USBA 6502H |
| 3.5 | USNBA 4203H | USBA 4803H | USBA 5503H | USBA 6503H |
| 4.5 | USNBA 4204H | USBA 4804H | USBA 5504H | USBA 6504H |
| 5.5 | USNBA 4205H | USBA 4805H | USBA 5505H | USBA 6505H |
| 6.5 | USNBA 4206H | - | - | - |
| 7.5 | USNBA 4207H | - | - | - |
| Holder Color | ● | ○ | ○ | ○ |

| N | R | W | Non-Hex | Unit mm |
|--------------|-------------|------------|----------------|------------|
| Fixture Size | Narrow | | Regular · Wide | |
| Diameter | Ø4.2 | Ø4.8 | Ø5.5 | Ø6.5 |
| Cuff 1.5 | USNBA 4201N | USBA 4801N | USBA 5501N | USBA 6501N |
| 2.5 | USNBA 4202N | USBA 4802N | USBA 5502N | USBA 6502N |
| 3.5 | USNBA 4203N | USBA 4803N | USBA 5503N | USBA 6503N |
| 4.5 | USNBA 4204N | USBA 4804N | USBA 5504N | USBA 6504N |
| 5.5 | USNBA 4205N | USBA 4805N | USBA 5505N | USBA 6505N |
| 6.5 | USNBA 4206N | - | - | - |
| 7.5 | USNBA 4207N | - | - | - |
| Holder Color | ● | ○ | ○ | ○ |

ECO Abutment Components

Healing Cap

- 구강에서 Abutment 보호 및 환자의 이물감 최소화
- ECO Abutment 전용
- Uses 1.2 Hex Driver
- Tightening Torque : 5~8Ncm



| | N | R | W | Unit mm |
|--------------|-------------------|-------------------|-------------------|-------------------|
| Fixture Size | Narrow | | Regular · Wide | |
| Diameter | $\varnothing 4.2$ | $\varnothing 4.8$ | $\varnothing 5.5$ | $\varnothing 6.5$ |
| Length 3 | USNHC 4203 | USHC 4803 | USHC 5503 | USHC 6503 |

H-Scanbody / Holder

- Abutment Level의 인상채득 기능(Oral Scan 용도)
- Uses 1.2 Hex Driver
- ECO Abutment 전용
- Packing Unit : H-Scanbody + Screw(USCSC 1605H)
- Holder 단품 판매 제품(별매품)**
- Tightening Torque : 5~8Ncm



| | N | R | W | Unit mm |
|--------------|-------------------|-------------------|-------------------|-------------------|
| Fixture Size | Narrow | | Regular · Wide | |
| Diameter | $\varnothing 4.2$ | $\varnothing 4.8$ | $\varnothing 5.5$ | $\varnothing 6.5$ |
| Length 5.5 | USNHCD 4205H | USHCD 4805H | USHCD 5505H | USHCD 6505H |
| Holder | HCDH 4248P | HCDH 4248P | HCDH 5565P | HCDH 5565P |
| Holder Color | ● | ● | ○ | ○ |

Digital Analog

- 3D Printed 모형상에서 Base Abutment를 구현하기 위해 사용

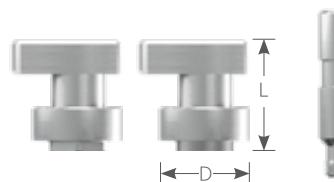


| | N | R | W | Unit mm |
|--------------|-------------------|-------------------|-------------------|-------------------|
| Fixture Size | Narrow | | Regular · Wide | |
| Diameter | $\varnothing 4.2$ | $\varnothing 4.8$ | $\varnothing 4.8$ | $\varnothing 4.8$ |
| Length 5.5 | USNBDA 4211 | | USBDA 4812 | |

Pick-up Impression Coping

Hex Non-Hex

- Abutment Level 인상을 채득하는 Pick-up Type Impression Coping
- Open Tray사용
- ECO Abutment 전용
- Uses 1.2 Hex Driver
- Packing Unit : Pick-up Impression Coping + Guide Pin(USPISC 1610H)
- Tightening Torque : 5~8Ncm



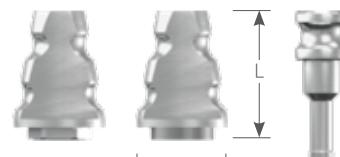
Unit mm

| N R W | | | |
|------------------|-------------|----------------|--|
| Fixture Size | Narrow | Regular · Wide | |
| Diameter | Ø4.2 | Ø4.8 | |
| Hex Length 6 | USNPI 4206H | USPI 4806H | |
| Non-Hex Length 6 | USNPI 4206N | USPI 4806N | |

Transfer Impression Coping

Hex Non-Hex

- Abutment Level 인상을 채득하는 Transfer Type Impression Coping
- Closed Tray사용
- ECO Abutment 전용
- Uses 1.2 Hex Driver
- Packing Unit :Transfer Impression Coping + Coping Screw(USTISC 1609H)
- Tightening Torque : 5~8Ncm



Unit mm

| N R W | | | |
|-------------------|-------------|----------------|--|
| Fixture Size | Narrow | Regular · Wide | |
| Diameter | Ø4.2 | Ø4.8 | |
| Hex Length 10 | USNTI 4210H | USTI 4810H | |
| Non-Hex Length 10 | USNTI 4210N | USTI 4810N | |

Lab Analog

- 작업모형(Stone Model)에서 Base Abutment를 구현하기 위해 사용



Unit mm

| N R W | | | |
|--------------|-------------|----------------|--|
| Fixture Size | Narrow | Regular · Wide | |
| Diameter | Ø4.2 | Ø4.8 | |
| Length 12 | USNBLA 4212 | USBLA 4812 | |

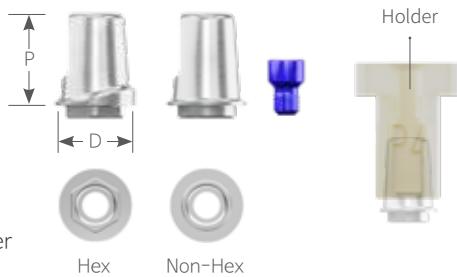
ECO Abutment Components

Cemented Post

Hex Non-Hex

- 일반적인 Cement Type의 보철 제작에 사용
- Base와 연결되는 방식에 따라 Hex / Non-Hex로 구분
- Uses 1.2 Hex Driver
- Tightening Torque : 20Ncm
- Packing Unit :

Cemented Post + Screw (**N** USNPSC 1603H, **R W** USPSC 1603H) +Holder



N R W

Unit mm

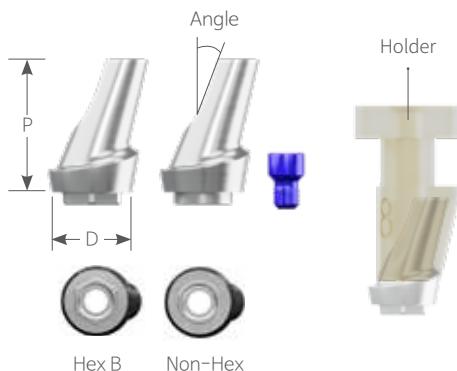
| Fixture Size | Narrow | Regular · Wide | | |
|------------------|------------|----------------|-----------|-----------|
| Diameter | Ø4.2 | Ø4.8 | Ø5.5 | Ø6.5 |
| Hex Post 4.0 | USNP 4204H | USP 4804H | USP 5504H | USP 6504H |
| | 5.5 | USP 4805H | USP 5505H | USP 6505H |
| | 7.0 | USP 4807H | USP 5507H | USP 6507H |
| Non-Hex Post 4.0 | USNP 4204N | USP 4804N | USP 5504N | USP 6504N |
| | 5.5 | USP 4805N | USP 5505N | USP 6505N |
| | 7.0 | USP 4807N | USP 5507N | USP 6507N |
| Holder Color | ● | ○ | ● | ● |
| Screw Color | ● | ● | ● | ● |

Angled Post

Hex Non-Hex

- Fixture의 Path 보정 시 사용
- 일반적인 Cement Retained Type의 Post
- 지대주의 기울기에 따라 6°, 12°, 18°로 구분
- Hex부는 B Type과 Non Hex Type으로 구분되어 있어 Abutment의 방향 제한을 극복
- Uses 1.2 Hex Driver
- Tightening Torque : 20Ncm
- Packing Unit :

Angled Post + Screw (**N** USNPSC 1603H, **R W** USPSC 1603H) +Holder



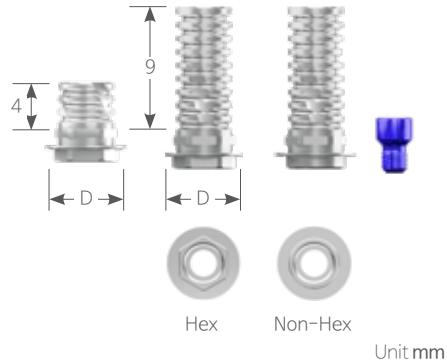
N R W

Unit mm

| Fixture Size | Narrow | Regular · Wide | |
|------------------|----------------|----------------|---------------|
| Diameter | Ø4.2 | Ø4.8 | Ø5.5 |
| Hex Angle 6° | USNAP 420806BH | USAP 480806BH | USAP 550806BH |
| | 12° | USNAP 420812BH | USAP 480812BH |
| | 18° | USNAP 420818BH | USAP 480818BH |
| Non-Hex Angle 6° | USNAP 420806N | USAP 480806N | USAP 550806N |
| | 12° | USNAP 420812N | USAP 480812N |
| | 18° | USNAP 420818N | USAP 480818N |
| Holder Color | ● | ○ | ● |
| Screw Color | ● | ● | ● |

Temporary Post Hex Non-Hex

- Abutment Level의 임시 보철물 제작에 사용
 - ECO Abutment 전용
 - Uses 1.2 Hex Driver
 - Tightening Torque : 20Ncm
 - Packing Unit :
- Temporary Post+ Screw (**N** USNPSC 1603H, **R W** USPSC 1603H)



| | N | R | W | |
|------------------|-------------|------------|------------|----------------|
| Fixture Size | | Narrow | | Regular · Wide |
| Diameter | | Ø4.2 | | Ø4.8 Ø5.5 Ø6.5 |
| Hex Length 4 | USNTP 4204H | USTP 4804H | USTP 5504H | USTP 6504H |
| 9 | USNTP 4209H | USTP 4809H | USTP 5509H | USTP 6509H |
| Non-Hex Length 4 | USNTP 4204N | USTP 4804N | USTP 5504N | USTP 6504N |
| 9 | USNTP 4209N | USTP 4809N | USTP 5509N | USTP 6509N |
| Screw Color | ● | ● | ● | ● |

Unit mm

Surgical Tool

Direct Crown Reamer

- Only uses Direct Crown
- 3D Printed Direct Crown의 Screw Hole 세척 시 사용
- 구강 내 Direct Crown 체결 전 Hex Connection의 확인 시 사용

● 별매품
Unit mm | Scale 1:1

| K Hex 1.2 | | |
|------------------|-------------|----------------|
| Fixture Size | Narrow | Regular · Wide |
| Code | ECONRM 4228 | ECORM 5528 |



Digital Abutment

보험 Code | L7553064

기성 Abutment 보다 진화된, Customized Abutment 보다 편리한
Digital Abutment

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

Function : Scan Adapter



Protect Cap
Lock-Groove

Shoulder Margin

UFII Connection



UFII Connection
UFII Narrow Connection

| | Lower Incisor | Upper Incisor | Canine | Pre-Molar | Molar |
|--|---------------|---------------|--------|-----------|-------|
|--|---------------|---------------|--------|-----------|-------|

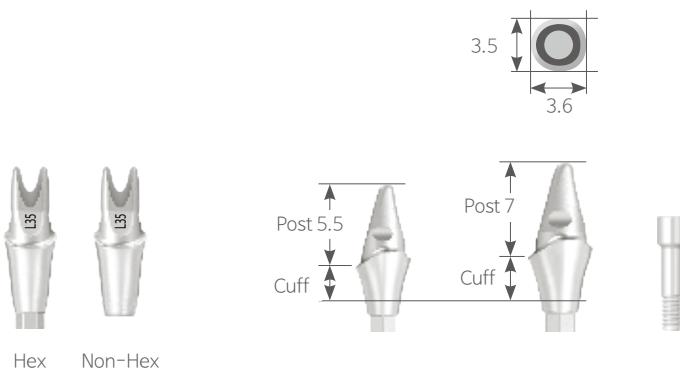
| | | | | | |
|---|-------------|---------------------|-----------|-----------|-----------|
| Cross Section | | | | | |
| Cervical Margin Cross Section | | | | | |
| Facial Side | → | → | → | → | → |
| Connection | UFII Narrow | UFII Narrow /UF(II) | UF(II) | UF(II) | UF(II) |
| Cervical Margin Dimension (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 하악전치

UFII Narrow Angled Abutment

Hex Non-Hex

- Packing Unit : Abutment + Abutment Screw
Abutment + Abutment Screw에 Protect Cap을 포함한 경우, 모델명 + [C]
- Abutment Screw : UNSAS 1407H (Set 포장된 Screw 외에는 호환되지 않음)



N Post 5.5

Unit mm | Scale 1:1.25

| Cuff | 2.5 | 3.5 | 4.5 | 5.5 | Protect Cap |
|------|-----|-----|-----|-----|-------------|
|------|-----|-----|-----|-----|-------------|

| | | | | | |
|---------|-----------|-----------|-----------|-----------|---------|
| Hex | DLN 2555H | DLN 3555H | DLN 4555H | DLN 5555H | DCLN 55 |
| Non-Hex | DLN 2555N | DLN 3555N | DLN 4555N | DLN 5555N | DCLN 55 |
| Marking | L 25 | L 35 | L 45 | L 55 | - |

N Post 7.0

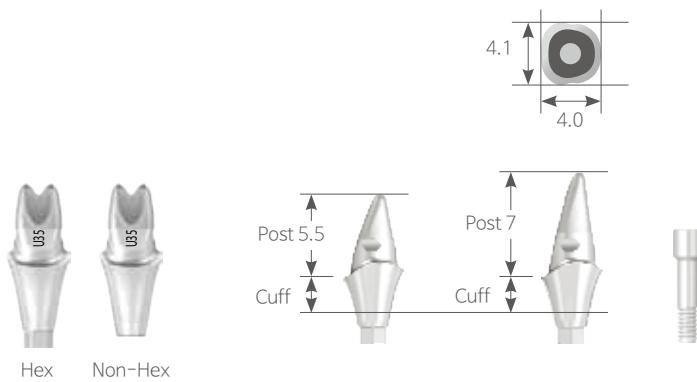
| Cuff | 2.5 | 3.5 | 4.5 | 5.5 | Protect Cap |
|------|-----|-----|-----|-----|-------------|
|------|-----|-----|-----|-----|-------------|

| | | | | | |
|---------|-----------|-----------|-----------|-----------|---------|
| Hex | DLN 2570H | DLN 3570H | DLN 4570H | DLN 5570H | DCLN 70 |
| Non-Hex | DLN 2570N | DLN 3570N | DLN 4570N | DLN 5570N | DCLN 70 |
| Marking | L 27 | L 37 | L 47 | L 57 | - |

Upper Incisor 상악전치

UFII Narrow Angled Abutment Hex Non-Hex

- Packing Unit : Abutment + Abutment Screw
- Abutment + Abutment Screw에 Protect Cap을 포함한 경우, 모델명 + [C]
- Abutment Screw : UNSAS 1407H (Set 포장된 Screw 외에는 호환되지 않음)



N Post 5.5

Unit mm | Scale 1 : 1.25

| Cuff | 2.5 | 3.5 | 4.5 | 5.5 | Protect Cap |
|------|-----|-----|-----|-----|-------------|
|------|-----|-----|-----|-----|-------------|



| | | | | | |
|---------|-----------|-----------|-----------|-----------|---------|
| Hex | DUN 2555H | DUN 3555H | DUN 4555H | DUN 5555H | DCUN 55 |
| Non-Hex | DUN 2555N | DUN 3555N | DUN 4555N | DUN 5555N | 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 |
|------|-----|-----|-----|-----|-------------|
|------|-----|-----|-----|-----|-------------|

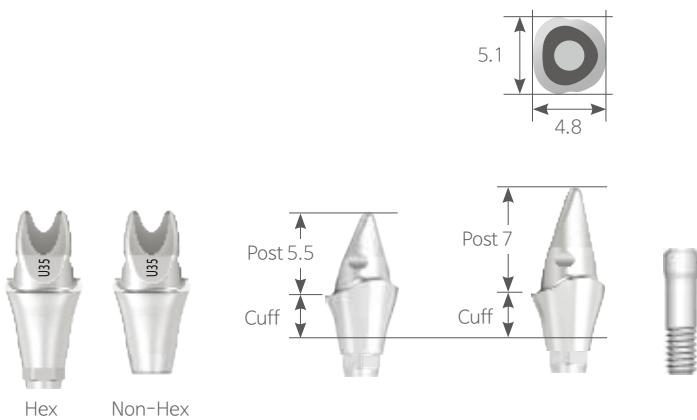


| | | | | | |
|---------|-----------|-----------|-----------|-----------|---------|
| Hex | DUN 2570H | DUN 3570H | DUN 4570H | DUN 5570H | DCUN 70 |
| Non-Hex | DUN 2570N | DUN 3570N | DUN 4570N | DUN 5570N | DCUN 70 |
| Marking | U 27 | U 37 | U 47 | U 57 | - |

UFII Angled Abutment

Hex Non-Hex

· Abutment Screw : DASC 2008H (Set 포함된 Screw 외에는 호환되지 않음)



R Post 5.5

Unit mm | Scale 1:1.25

| Cuff | 2.5 | 3.5 | 4.5 | 5.5 | Protect Cap |
|------|-----|-----|-----|-----|-------------|
|------|-----|-----|-----|-----|-------------|



| | | | | | |
|---------|-----------|-----------|-----------|-----------|---------|
| Hex | DUR 2555H | DUR 3555H | DUR 4555H | DUR 5555H | DCUR 55 |
| Non-Hex | DUR 2555N | DUR 3555N | DUR 4555N | DUR 5555N | 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 | DUR 3570H | DUR 4570H | DUR 5570H | DCUR 70 |
| Non-Hex | DUR 2570N | DUR 3570N | DUR 4570N | DUR 5570N | DCUR 70 |
| Marking | U 27 | U 37 | U 47 | U 57 | - |

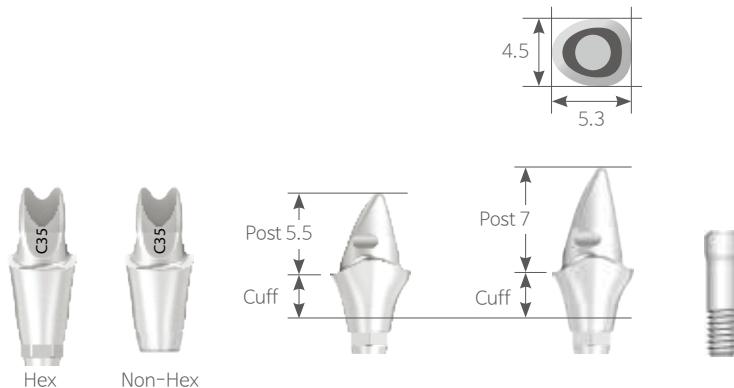
Canine 견치

UFII Angled Abutment

Hex

Non-Hex

· Abutment Screw : DASC 2008H (Set 포함된 Screw 외에는 호환되지 않음)



R Post 5.5

Unit mm | Scale 1:1.25

Cuff

2.5

3.5

Protect Cap



Hex

DCR 2555H

DCR 3555H

DCCR 55

Non-Hex

DCR 2555N

DCR 3555N

DCCR 55

Marking

C 25

C 35

-

R Post 7.0

Cuff

2.5

3.5

Protect Cap



Hex

DCR 2570H

DCR 3570H

DCCR 70

Non-Hex

DCR 2570N

DCR 3570N

DCCR 70

Marking

C 27

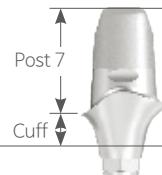
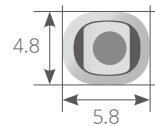
C 37

-

Pre-Molar 소구치

UFII Angled Abutment Hex Non-Hex

· Abutment Screw : DASC 2008H (Set 포함된 Screw 외에는 호환되지 않음)



R Post 4.0

Unit mm | Scale 1:1.25

| Cuff | 1.5 | 2.5 | 3.5 | 4.5 | Protect Cap |
|---------|-----------|-----------|-----------|-----------|-------------|
| Hex | DPR 1540H | DPR 2540H | DPR 3540H | DPR 4540H | DCPR 40 |
| Non-Hex | DPR 1540N | DPR 2540N | DPR 3540N | DPR 4540N | 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 | DPR 2555H | DPR 3555H | DPR 4555H | DCPR 55 |
| Non-Hex | DPR 1555N | DPR 2555N | DPR 3555N | DPR 4555N | DCPR 55 |
| Marking | P 15 | P 25 | P 35 | P 45 | - |

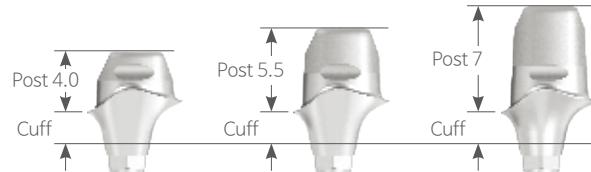
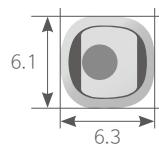
R Post 7.0

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

Molar 대구치

UFII Angled Abutment Hex Non-Hex

· Abutment Screw : DASC 2008H (Set 포함된 Screw 외에는 호환되지 않음)



R Post 4.0

Unit mm | Scale 1:1.25

| Cuff | 1.5 | 2.5 | 3.5 | 4.5 | Protect Cap |
|------|-----|-----|-----|-----|-------------|
|------|-----|-----|-----|-----|-------------|

| | | | | | |
|---------|-----------|-----------|-----------|-----------|---------|
| Hex | DMR 1540H | DMR 2540H | DMR 3540H | DMR 4540H | DCMR 40 |
| Non-Hex | DMR 1540N | DMR 2540N | DMR 3540N | DMR 4540N | 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 | DMR 2555H | DMR 3555H | DMR 4555H | DCMR 55 |
| Non-Hex | DMR 1555N | DMR 2555N | DMR 3555N | DMR 4555N | 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 | DMR 2570H | DMR 3570H | DMR 4570H | DCMR 70 |
| Non-Hex | DMR 1570N | DMR 2570N | DMR 3570N | DMR 4570N | DCMR 70 |
| Marking | M 17 | M 27 | M 37 | M 47 | - |

Protect Cap

1. Gingiva Creeping 방지 기능

- Margin부 잇몸이 덮이는 현상을 방지
- Gingiva Retraction 방지
- 잇몸이 벌어진 상태에서 정확한 인상채득 가능



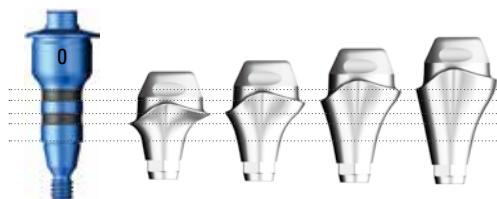
2. 환자의 혀 보호 기능

- 환자의 이물감을 최소화하고 Abutment에 의한 조직 손상 예방을 위해 사용
- 주의) 대합치 음식물 저작 시(끈적거리는 음식 등) Protect Cap이 탈락될 수 있으니, 탈락 시 삼키지 않도록 주의 요망

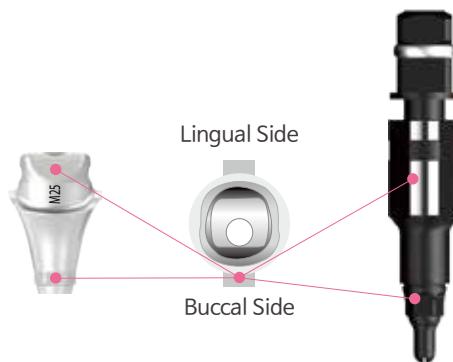
How to check the path

Flapless Surgery

- Surgical Guide Fix (잇몸 높이 확인가능)



- Digital Abutment 사용 시 Hex 방향을 Buccal Side로 맞춤
- Guide Sleeve 돌기로 Hex 방향 확인



Flap Surgery

- Digital Abutment 사용 시 Hex 방향을 Buccal Side로 맞춤
- Fixture Driver로 Hex 방향 확인 가능



Workflow

DIONavi. +
Digital Abutment
(Full Digital)

Immediate Restoration



Method of intra oral scan impression

Oral Scan이 있는 경우

라이브러리 매칭 방법
(3Shape Dental System)



Method of conventional impression

모델 제작 후 Scan 방법

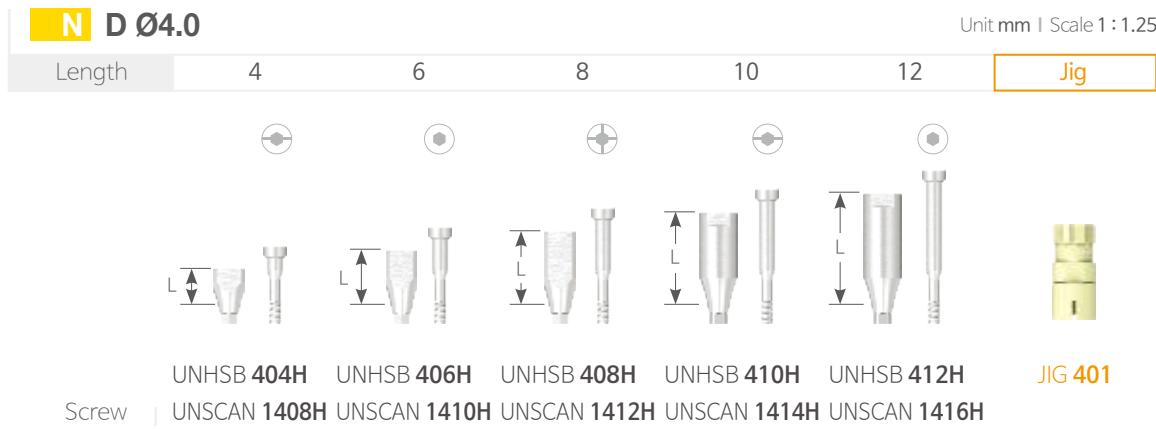
라이브러리 매칭 방법
(3Shape Dental System)



H-Scanbody / Jig

- Tightening Torque : 5~8Ncm
- Packing Unit : H-Scanbody + Screw
- Jig 별도 구매

UFII Narrow



UFII Regular / Wide



R W D Ø6.0



H-Scanbody

UFI Regular / Wide

Top view



R W D Ø6.0

Length

4

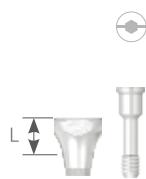
6

8

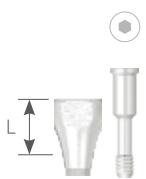
Jig

Unit mm | Scale 1 : 1.25

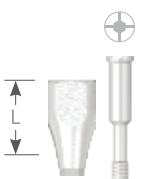
Screw



HSCAN 642H
SSCAN 2009H



HSCAN 662H
SSCAN 2011H



HSCAN 682H
SSCAN 2013H



JIG 602

R W D Ø7.0

Length

4

6

8

Jig

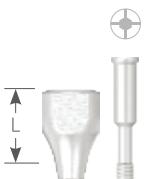
Screw



HSCAN 741H
SSCAN 2009H



HSCAN 761H
SSCAN 2011H



HSCAN 781H
SSCAN 2013H



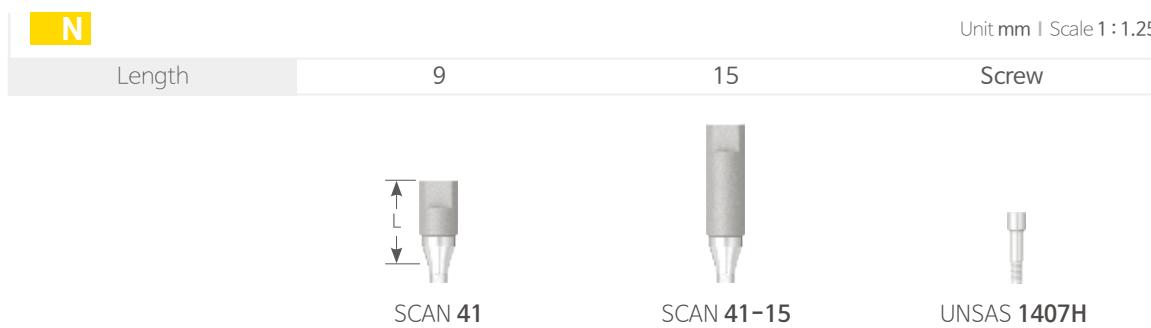
JIG 701

Scan Adapter

- 구강 내 Fixture 또는 석고모델의 Lab Analog에 체결하여 구강스캐너 또는 탁상용 스캐너로 스캔받아 Customized Abutment 제작
- [H] : Hex / [T] : Torx

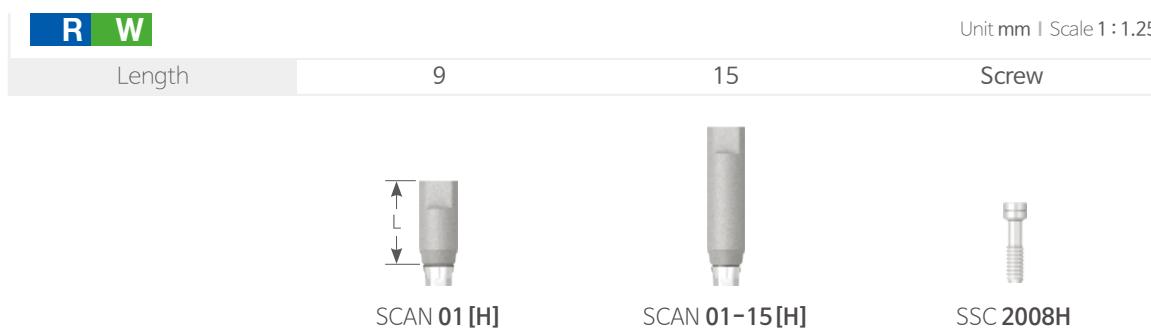
UFII Narrow

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



UFII Regular / Wide

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



Scan Retractor

▶ 무치약 구강 스캔의 정확도를 높여주고,
방해요소는 제거되어 스캔에 사용되는 시간 단축

- 상악 구개부 명확한 인식
- 혀/뺨의 움직임 제어(하악)
- 구강 스캔의 기준점 역할
- Packing Unit : 각 상악용 1Set (5 Piece) / 하악용 1Set (5 Piece)



| Type | 상악용 | 하악용 |
|------|-----------|-----------|
| | SCANR 01S | SCANR 02S |

Wax Denture

▶ 열가소성 재료로 된 제품으로
손쉽게 조작하여 환자의 잇몸과 교합채득 가능

- 무치약 환자에 사용
- 손쉽게 맞춤제작 가능
- 구강스캐너로 스캔가능
- Packing Unit : 각 상악용 1 Piece / 하악용 1 Piece



| Type | 상악용 | 하악용 |
|--------|--------|--------|
| Small | WDU 01 | WDL 01 |
| Medium | WDU 02 | WDL 02 |
| Large | WDU 03 | WDL 03 |

Marker

- 정합할 기준 치아가 없을 경우 사용
- 디지털 임플란트 수술을 위해 CT촬영 시 사용
- Packing Unit : 1Set (30ea)



| Type | SGM 5040 |
|------|----------|
|------|----------|

Histoacryl

- Marker를 손쉽게 부착 및 탈착이 가능
- 창상부위는 피하고 구강검막 부위만 사용
- 기구, 옷, 손가락 등에 접촉되지 않도록 주의할 것
- Packing Unit : 1Set(5ea)



| Type | 1050060 |
|------|---------|
|------|---------|

Pre-Milled Bar

UFII Narrow

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



Unit mm | 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



Unit mm | Scale 1:1

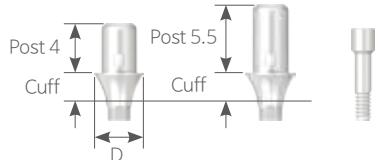
| Type | Hex | | Non-Hex | |
|----------|------------|------------|-------------|-------------|
| Diameter | Ø10 | Ø12 | Ø10 | Ø12 |
| | CBSS 01[H] | CBSS 02[H] | CBSS 01N[H] | CBSS 02N[H] |

Hybrid Link

- Implant Platform이 접하는 부위까지 Titanium으로 되어 있고,
Post 부분을 지르코니아로 제작 후 결합시켜 전치부용 보철제작에 용이

UFII Narrow

- Packing Unit : Hybrid Link + Screw (UNSA1407H)
- Tightening Torque : 20Ncm



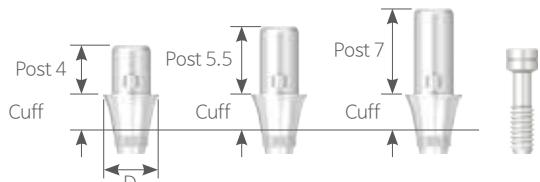
N D Ø4.0

Unit mm | Scale 1:1.65

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

UFII Regular / Wide

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



R W

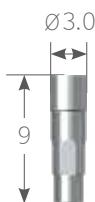
Unit mm | Scale 1:1.65

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

Digital Fixture Analog

· 3D Printed 모형상에서 Abutment를 구현하기 위해 사용

| N | R | W | Hex | Unit mm Scale 1 : 65 |
|--------------|-------------------|-------------------|-----|------------------------|
| Fixture Size | Narrow | Regular . Wide | | |
| Diameter | $\varnothing 3.0$ | $\varnothing 4.5$ | | |
| Hex | 1.7 | 2.5 | | |
| Length | 9 | 12.5 | | |
| Code | DAU 3009 | DAU 4509 | | |



$\varnothing 3.0$

9



$\varnothing 4.5$

12.5

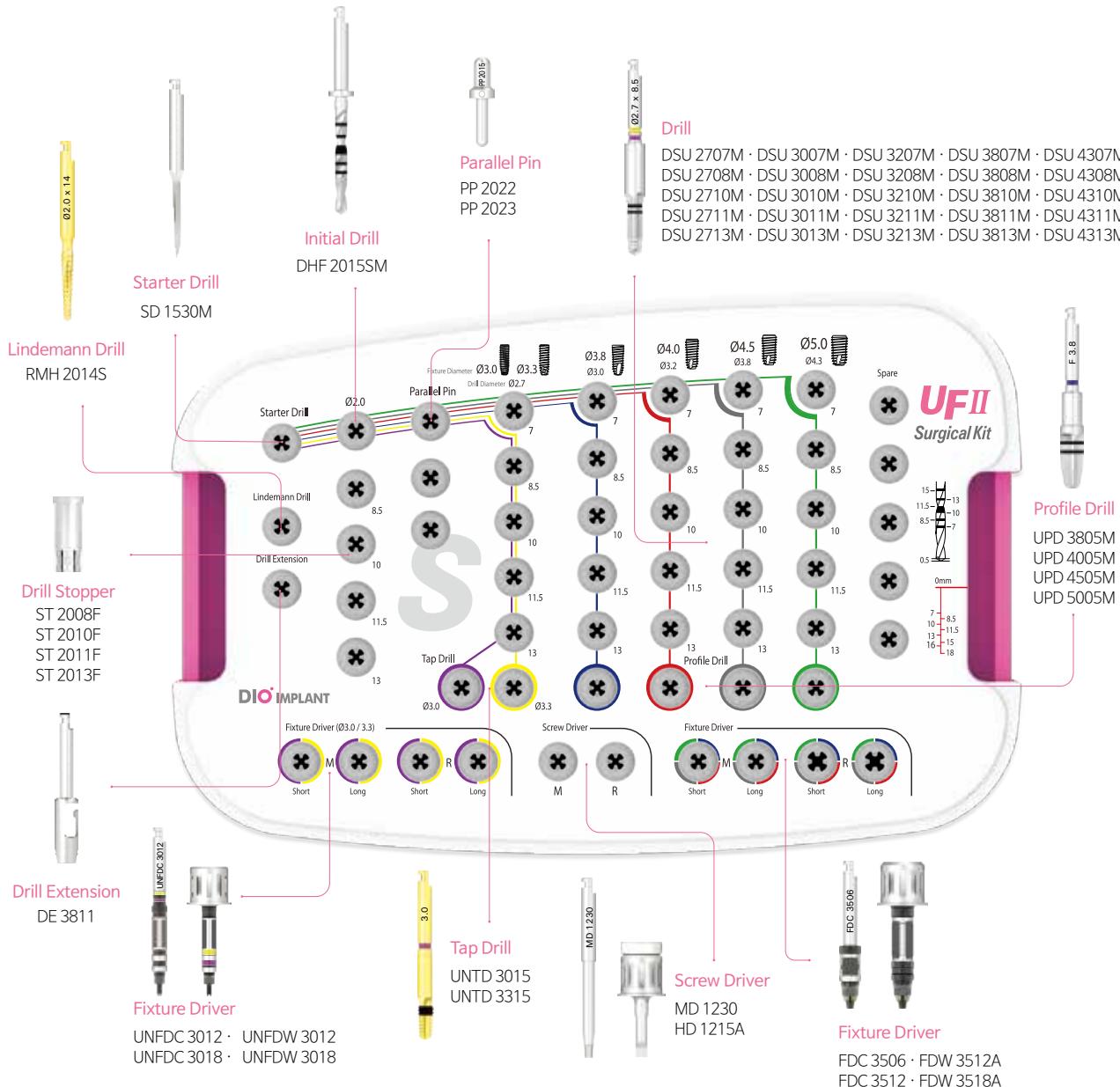
Surgical Kits

UFII Surgical Kit

Kit Code | UF(M) 07

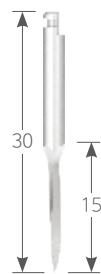
- 심플한 Non-stopper 방식의 풀 라인업 Surgical Kit
- UFII Narrow Ø3.0 Ø3.3 / UFII Regular Ø3.8 Ø4.0 Ø4.5 Ø5.0 Ø5.5 Fixture
- UFIII Regular Ø3.8 Ø4.0 Ø4.5 Ø5.0 Fixture

Unit mm | Drill Scale 1 : 0.9



Surgical Tool

Starter Drill



K

Unit mm | Scale 1:1.15

Code

SD 1530M

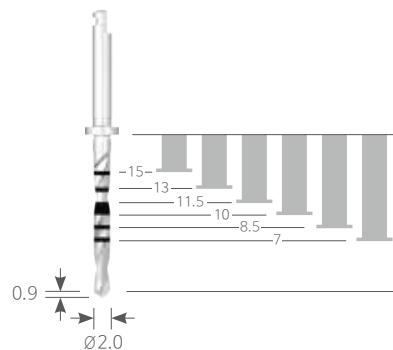
Initial Drill

K D Ø2.0

Unit mm | Scale 1:1.2

Code

DHF 2015SM



Drill stopper

K D Ø2.0

● 별매품

Unit mm | Scale 1:1.2

Code

ST 2015F

ST 2013F

ST 2011F

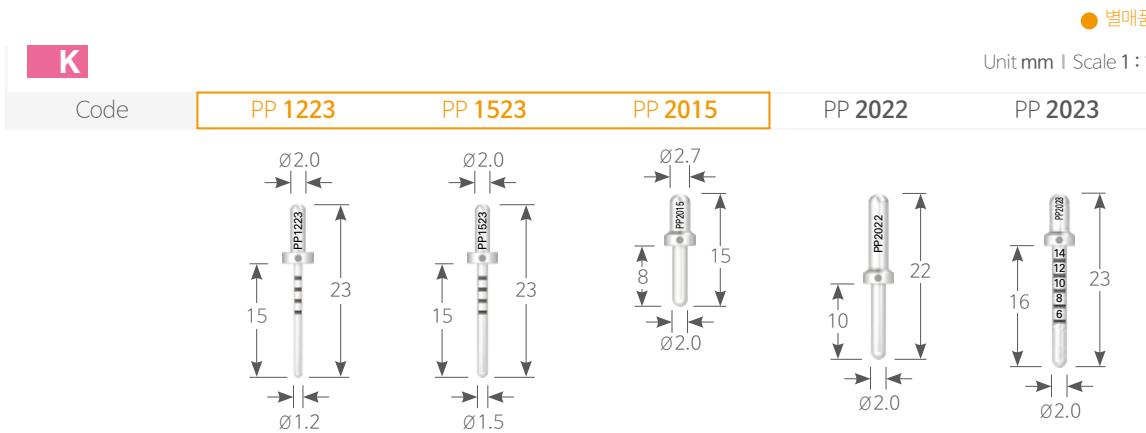
ST 2010F

ST 2008F

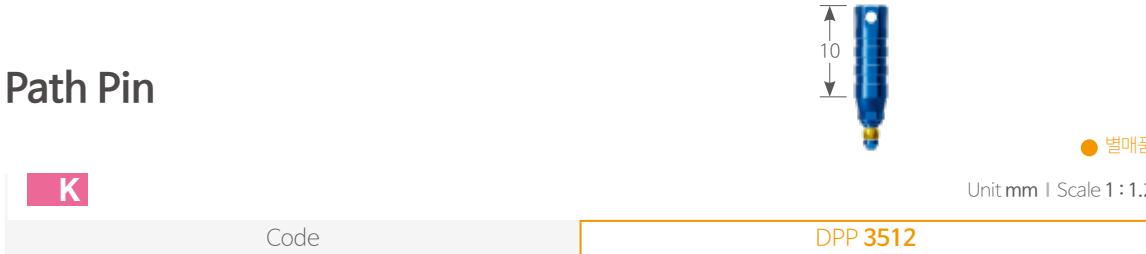


Surgical Tool

Parallel Pin



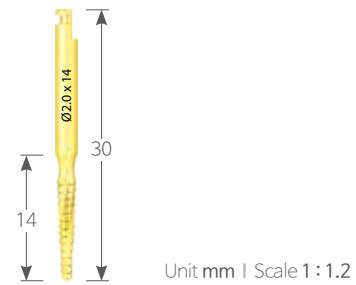
Path Pin



Lindemann Drill

K D Ø2.0

Code



RMH 2014S

Positioning Guide

K D Ø2.0

Code



Unit mm | Scale 1:1.2
● 별매품

PG 0060

Angled Path Pin

K

Code

DAP 4515A

DAP 4515B

Unit mm | Scale 1:1.15
● 별매품

Type



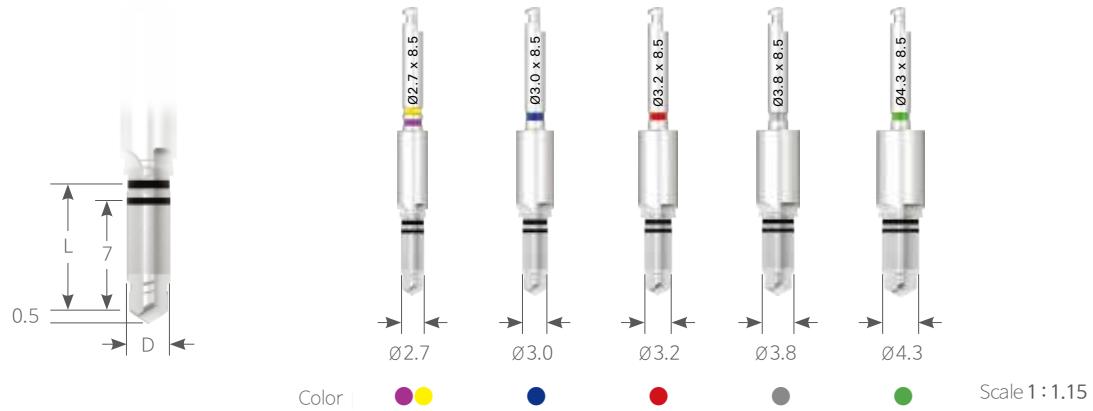
Hex A



Hex B

Surgical Tool

Drill



K D Ø2.7

● 별매품
Unit mm | Scale 1:1

| | | | | | | | |
|------|-----------|-----------|-----------|-----------|-----------|------------------|-----------|
| Code | DSU 2707M | DSU 2708M | DSU 2710M | DSU 2711M | DSU 2713M | DSU 2715M | DSU 2718M |
|------|-----------|-----------|-----------|-----------|-----------|------------------|-----------|



| | | | | | | | |
|--------|---|-----|----|------|----|----|----|
| Length | 7 | 8.5 | 10 | 11.5 | 13 | 15 | 18 |
|--------|---|-----|----|------|----|----|----|

K D Ø3.0

● 별매품
Unit mm | Scale 1:1

| | | | | | | | |
|------|-----------|-----------|-----------|-----------|-----------|------------------|-----------|
| Code | DSU 3007M | DSU 3008M | DSU 3010M | DSU 3011M | DSU 3013M | DSU 3015M | DSU 3018M |
|------|-----------|-----------|-----------|-----------|-----------|------------------|-----------|



| | | | | | | | |
|--------|---|-----|----|------|----|----|----|
| Length | 7 | 8.5 | 10 | 11.5 | 13 | 15 | 18 |
|--------|---|-----|----|------|----|----|----|

● 별매품

Unit mm | Scale 1:1

K D Ø3.2

| Code | DSU 3207M | DSU 3208M | DSU 3210M | DSU 3211M | DSU 3213M | DSU 3215M | DSU 3218M |
|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|



| | | | | | | | |
|--------|---|-----|----|------|----|----|----|
| Length | 7 | 8.5 | 10 | 11.5 | 13 | 15 | 18 |
|--------|---|-----|----|------|----|----|----|

K D Ø3.8

| Code | DSU 3807M | DSU 3808M | DSU 3810M | DSU 3811M | DSU 3813M | DSU 3815M | DSU 3818M |
|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|



| | | | | | | | |
|--------|---|-----|----|------|----|----|----|
| Length | 7 | 8.5 | 10 | 11.5 | 13 | 15 | 18 |
|--------|---|-----|----|------|----|----|----|

● 별매품

Unit mm | Scale 1:1

K D Ø4.3

| Code | DSU 4307M | DSU 4308M | DSU 4310M | DSU 4311M | DSU 4313M | DSU 4315M | DSU 4318M |
|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|



| | | | | | | | |
|--------|---|-----|----|------|----|----|----|
| Length | 7 | 8.5 | 10 | 11.5 | 13 | 15 | 18 |
|--------|---|-----|----|------|----|----|----|

Surgical Tool

Profile Drill

| K | Unit mm Scale 1:1 | | | |
|--------------|---------------------|-----------|-----------|-----------|
| Fixture Size | Ø3.8 | Ø4.0 | Ø4.5 | Ø5.0 |
| Code | UPD 3805M | UPD 4005M | UPD 4505M | UPD 5005M |
| Color | ● | ● | ● | ● |

Tap Drill

| K | Unit mm Scale 1:1 | | | | | | |
|--------------|---------------------|-----------|-------------|-------------|-------------|-------------|-------------|
| Fixture Size | Ø3.0 | Ø3.3 | Ø3.8 | Ø4.0 | Ø4.5 | Ø5.0 | Ø5.5 |
| Code | UNTD 3015 | UNTD 3315 | UT(II) 3815 | UT(II) 4015 | UT(II) 4515 | UT(II) 5015 | UT(II) 5515 |
| Color | ● | ● | ● | ● | ● | ● | ○ |

Drill Extension

· 드릴에 체결 시 15.5mm 연장됨



| K | Unit mm Scale 1:1.2 | |
|------|-----------------------|--|
| Code | DE 3811 | |

Fixture Driver Narrow

● 별매품

K Machine

Unit mm | Scale 1:1

Code

UNFDC 3006

UNFDC 3012

UNFDC 3018



K Ratchet

Code

UNFDW 3006

UNFDW 3012

UNFDW 3018



Fixture Driver Regular / Wide

● 별매품

K Machine

Unit mm | Scale 1:1

Code

FDC 3506

FDC 3512

FDC 3518



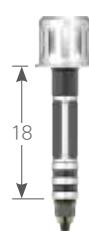
K Ratchet

Code

FDW 3506A

FDW 3512A

FDW 3518A



Surgical Tool

Screw Driver Machine

● 별매품

Unit mm | 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

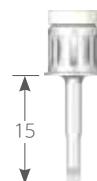
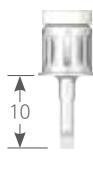
● 별매품

K Slot 0.5

Code

HD 0510A

HD 0515A



Unit mm | Scale 1 : 1

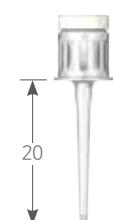
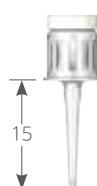
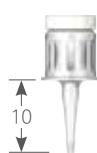
K Hex 0.9

Code

HD 0910A

HD 0915A

HD 0920A



K Hex 1.2

Code

HD 1205A

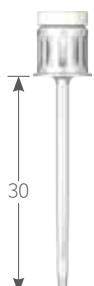
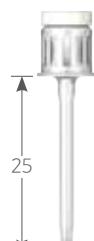
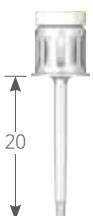
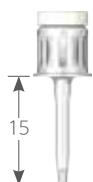
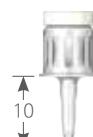
HD 1210A

HD 1215A

HD 1220A

HD 1225A

HD 1230A



K Torx 1.7

Code

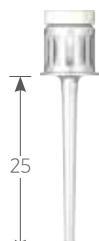
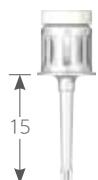
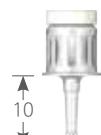
HD 1705A

HD 1710A

HD 1715A

HD 1720A

HD 1725A



Surgical Tool

Torque Wrench



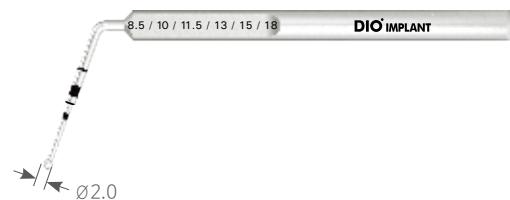
K

Unit mm | Scale 1:1

Code

DTW 0060

Depth Gauge



K D Ø2.0

Unit mm | Scale 1:1

Code

DPG 2050

Open Wrench

- 골질이 약한 경우 Mount 분리 시 사용
- 30°의 Neck Angle로 구강 내 삽입 시 편의성 도모



K

Unit mm | Scale 1:1

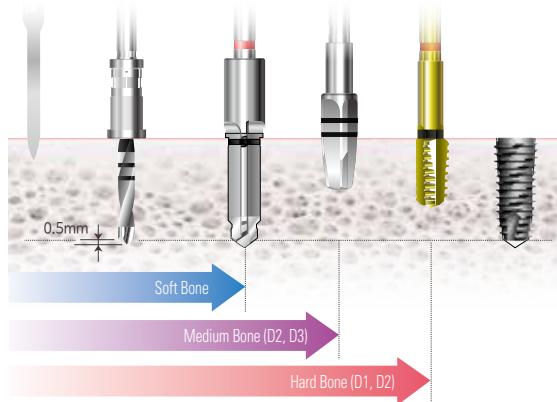
Code

OW 004

Surgical Protocol

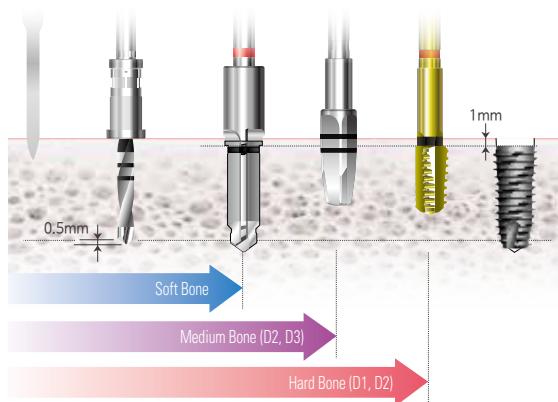
Bone Level 식립

Starter Drill 1,200rpm
 Initial Drill 1,000rpm
 Drill 800rpm
 Profile Drill 300rpm
 Tap Drill 50rpm
 UF(II) Fixture 20rpm

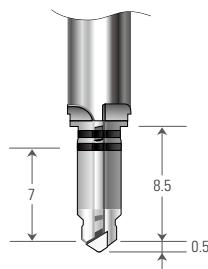


Bone Level 하방 식립

Starter Drill 1,200rpm
 Initial Drill 1,000rpm
 Drill 800rpm
 Profile Drill 300rpm
 Tap Drill 50rpm
 UF(II) Fixture 20rpm



Drill
 7mm Fixture 식립 시 8.5mm
 전용드릴의 레이저마킹
 사이즈를 확인 후 사용



Profile Drill
 Drilling 깊이에 따라
 초기 고정 값에 영향을 줌

Lower →
D2, D3 bone에서
식립토크를 줄일 때 사용



Tap Drill

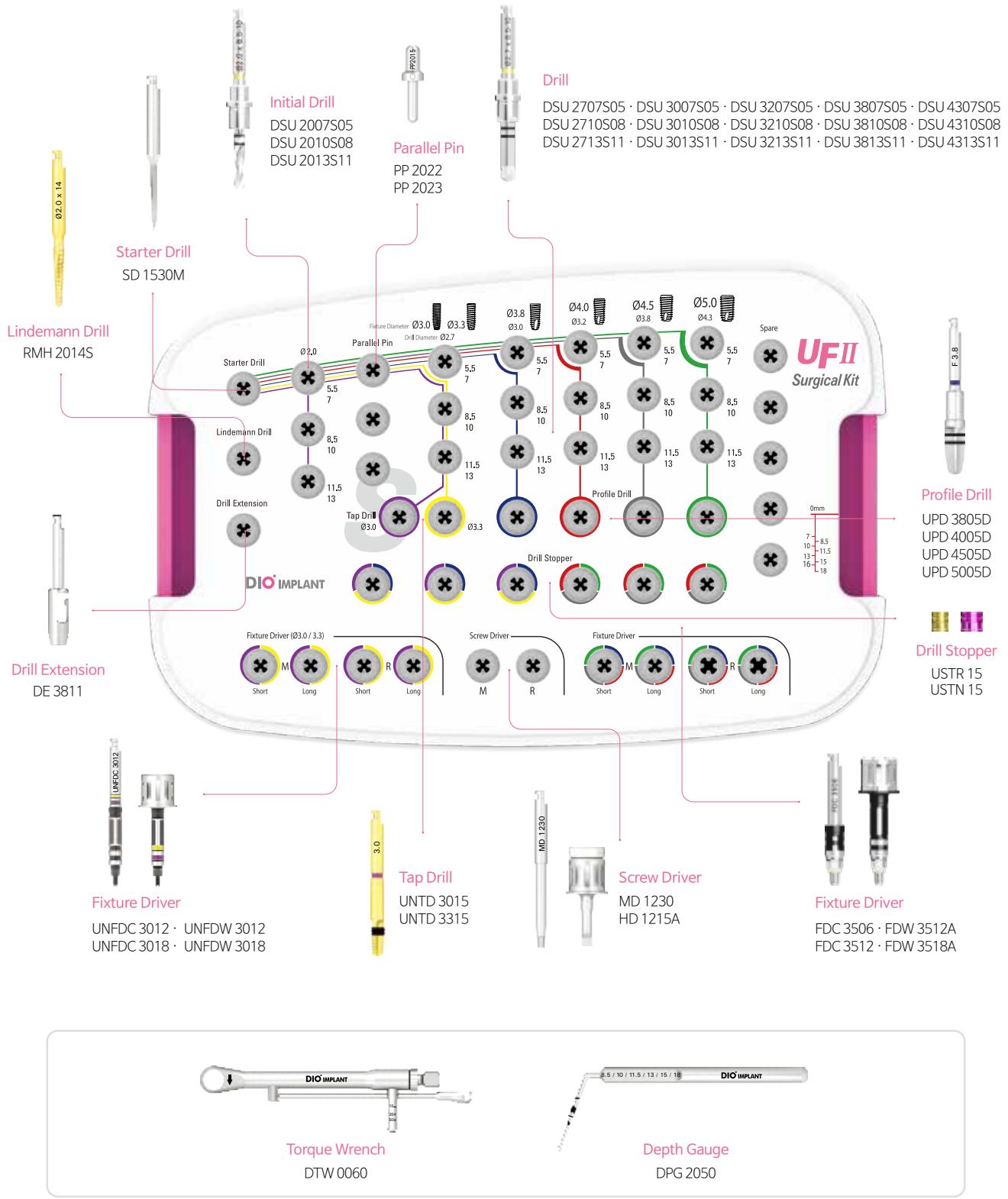


UFII Surgical Kit

Kit Code | UF 15

- Drill Stopper에 의해 보다 단축된 Drilling이 가능한 하이브리드 타입 Surgical Kit
- UFII Narrow Ø3.0 Ø3.3 / UFII Regular Ø3.8 Ø4.0 Ø4.5 Ø5.0 Fixture
- UFIII Regular Ø3.8 Ø4.0 Ø4.5 Ø5.0 Fixture

Unit mm | Drill Scale 1:0.9



Surgical Tool

Drill stopper

- Drill의 길이를 조절하기 위해 Stopper 사용
- Drill Stop을 적용하여 안전하게 Drilling 가능
- Short Implant 사용 가능

ex) 8.5-10mm Drill 사용 시

- 8.5mm Fixture 식립 시 : Stopper를 체결하여 사용
- 10mm Fixture 식립 시 : 드릴 단독 사용

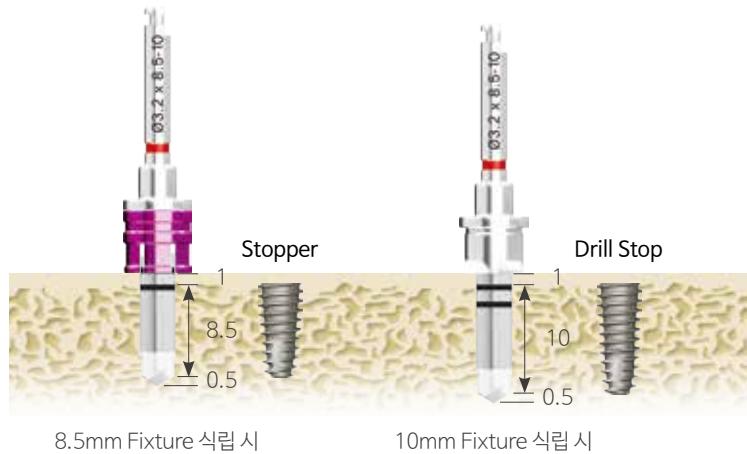
| K | | Unit mm Scale 1:1.2 | | | |
|----------------|---------|-----------------------|------|------|-----------|
| Type | Narrow | | | | Regular |
| Drill Diameter | Ø2.0 | Ø2.7 | Ø3.0 | Ø3.2 | Ø3.8 Ø4.3 |
| Code | USTN 15 | | | | USTR 15 |



How to use Drill Stopper

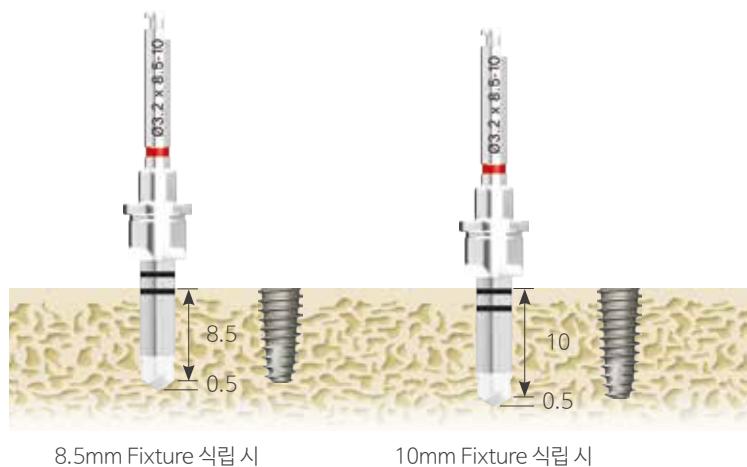
Bone Level 1mm 하방 식립 시

- Stop Drill로 멈출 때까지 드릴링

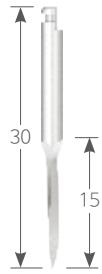


Bone Level 식립 시

- 레이저 마킹까지 드릴링



Starter Drill



Unit mm | Scale 1:1.15

K

Code

SD 1530M

Initial Drill

K D Ø2.0

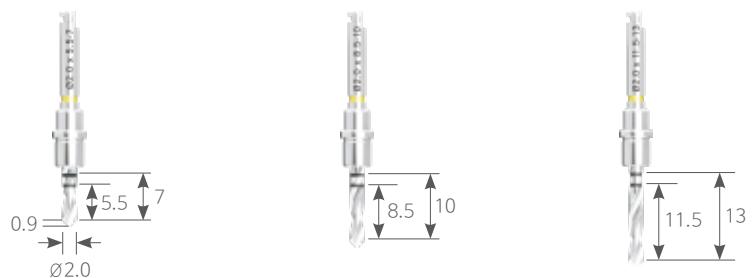
Unit mm | Scale 1:1

Code

DSU 2007S05

DSU 2010S08

DSU 2013S11



Surgical Tool

Parallel Pin

K

Code

PP 1223

PP 1523

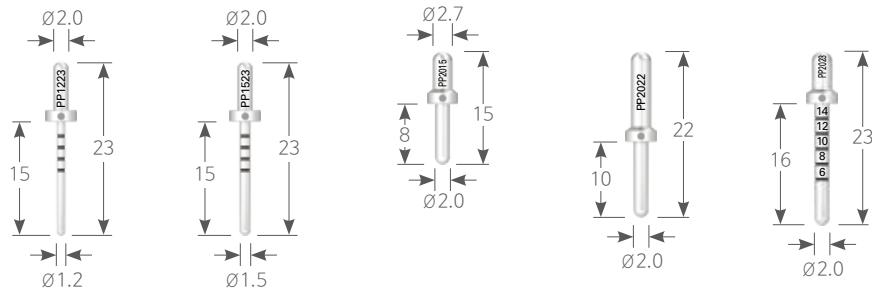
PP 2015

PP 2022

PP 2023

별매품

Unit mm | Scale 1:1



Path Pin

K

Code

DPPN 2710

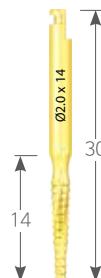
DPP 3512

별매품

Unit mm | Scale 1:1.2



Lindemann Drill



K D Ø2.0

Unit mm | Scale 1:1.2

Code

RMH 2014S

Positioning Guide



K D Ø2.0

● 별매품
Unit mm | Scale 1:1.2

Code

PG 0060

Angled Path Pin

K

Code

DAP 4515A

DAP 4515B

● 별매품
Unit mm | Scale 1:1.15

Type



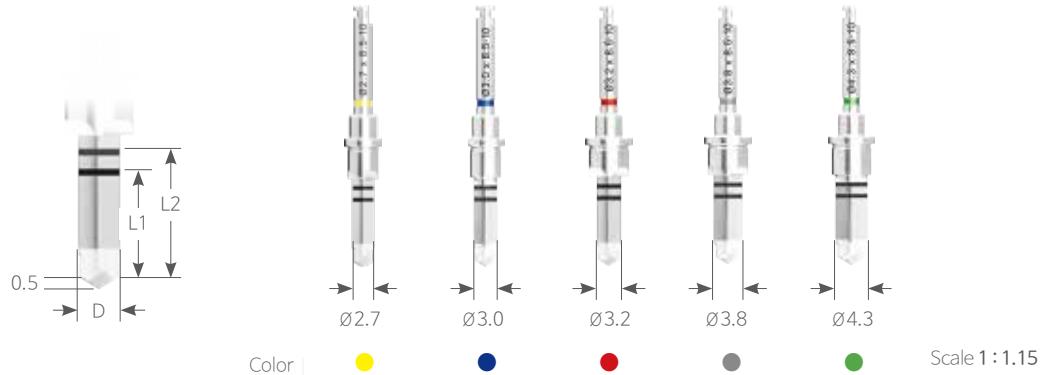
Hex A



Hex B

Surgical Tool

Drill



K D Ø2.7

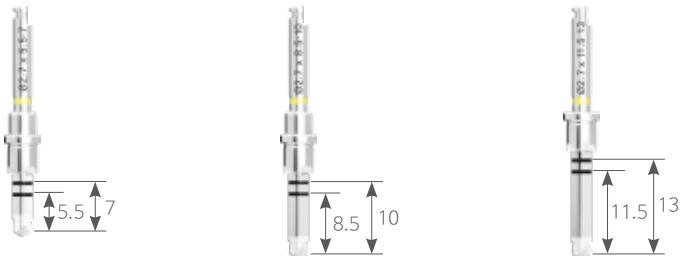
Unit mm | Scale 1:1

Code

DSU 2707S05

DSU 2710S08

DSU 2713S11



Length

5.5 / 7

8.5 / 10

11.5 / 13

K D Ø3.0

Unit mm | Scale 1:1

Code

DSU 3007S05

DSU 3010S08

DSU 3013S11



Length

5.5 / 710

8.5 / 10

11.5 / 13

K D Ø3.2

Unit mm | Scale 1:1

Code

DSU 3207S05

DSU 3210S08

DSU 3213S11



Length

5.5 / 7

8.5 / 10

11.5 / 13

K D Ø3.8

Unit mm | Scale 1:1

Code

DSU 3807S05

DSU 3810S08

DSU 3813S11



Length

5.5 / 7

8.5 / 10

11.5 / 13

K D Ø4.3

Unit mm | Scale 1:1

Code

DSU 4307S05

DSU 4310S08

DSU 4313S11



Length

5.5 / 7

8.5 / 10

11.5 / 13

Surgical Tool

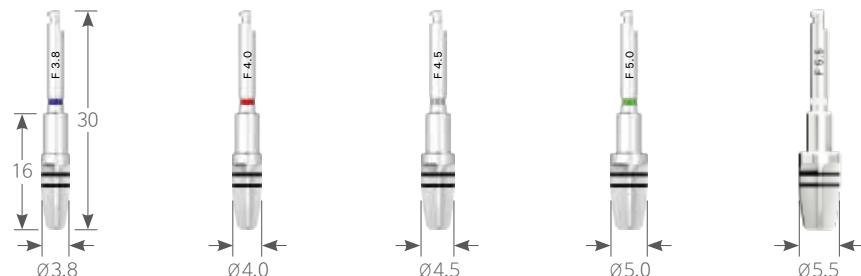
Profile Drill

K

● 별매품

Unit mm | 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



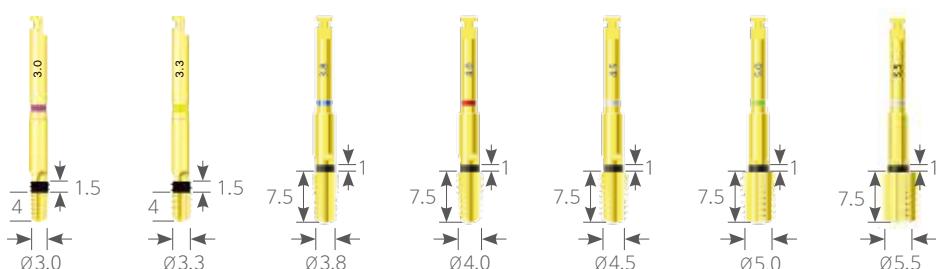
Tap Drill

K

● 별매품

Unit mm | Scale 1:1

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



Color



Drill Extension

· 드릴에 체결 시 15.5mm 연장됨



K

Unit mm | Scale 1:1.2

Code

DE 3811

Fixture Driver Narrow

● 별매품

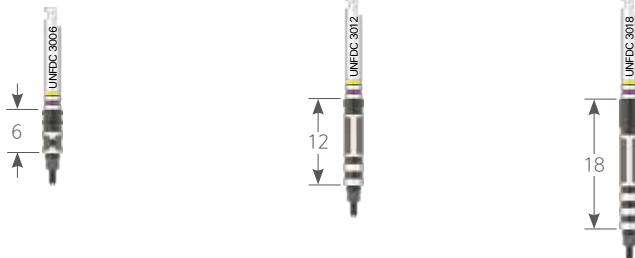
K Machine

Code

UNFDC 3006

UNFDC 3012

UNFDC 3018



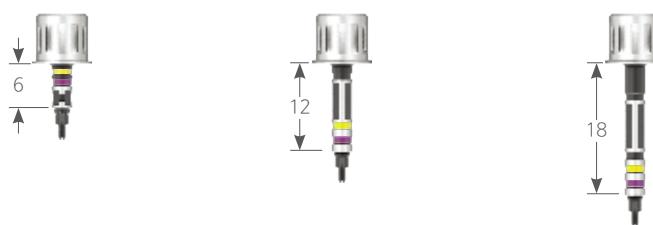
K Ratchet

Code

UNFDW 3006

UNFDW 3012

UNFDW 3018



Fixture Driver Regular / Wide

● 별매품

K Machine

Code

FDC 3506

FDC 3512

FDC 3518



K Ratchet

Code

FDW 3506A

FDW 3512A

FDW 3518A



Surgical Tool

Screw Driver Machine

● 별매품

Unit mm | 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

● 별매품

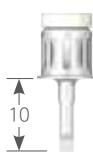
K Slot 0.5

Code

HD 0510A

HD 0515A

Unit mm | Scale 1:1



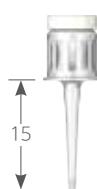
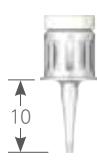
K Hex 0.9

Code

HD 0910A

HD 0915A

HD 0920A



K Hex 1.2

Code

HD 1205A

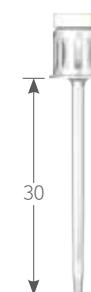
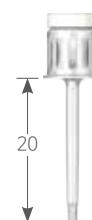
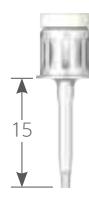
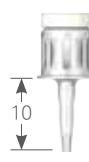
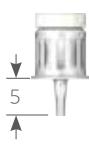
HD 1210A

HD 1215A

HD 1220A

HD 1225A

HD 1230A



K Torx 1.7

Code

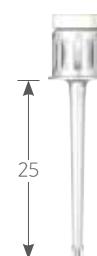
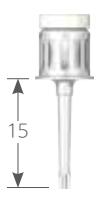
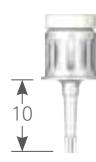
HD 1705A

HD 1710A

HD 1715A

HD 1720A

HD 1725A



Surgical Tool

Depth Gauge



K D Ø2.0

Unit mm | Scale 1:1

Code

DPG 2050

Torque Wrench



K

Unit mm | Scale 1:1

Code

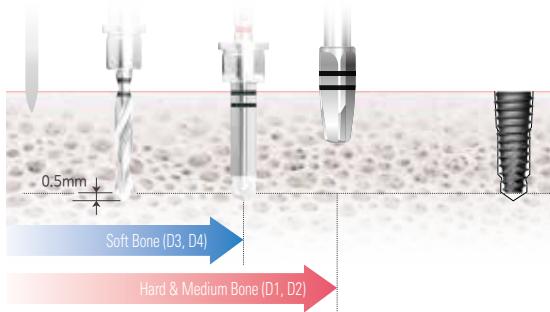
DTW 0060

Surgical Protocol

UFIII Fixture 식립 시

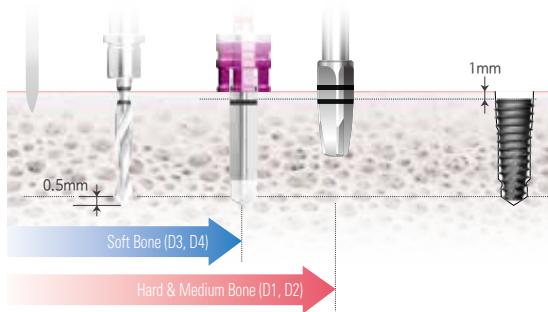
Bone Level 식립

Starter Drill 1,200rpm Initial Drill 1,000rpm Drill 800rpm Profile Drill 300rpm UF Fixture 20rpm



Bone Level 1mm 하방 식립

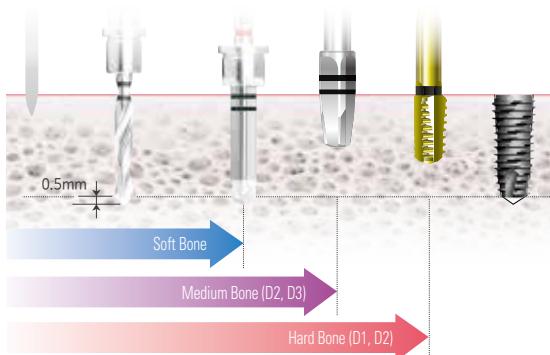
Starter Drill 1,200rpm Initial Drill 1,000rpm Drill 800rpm Profile Drill 300rpm UF Fixture 20rpm



UFII Fixture 식립 시

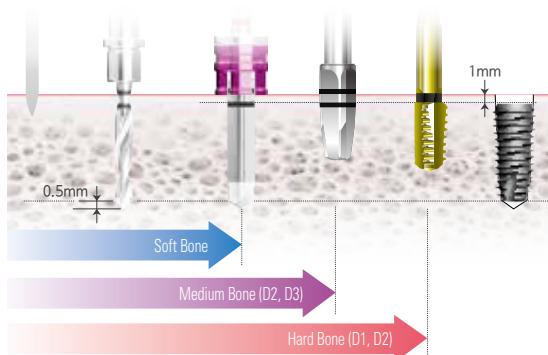
Bone Level 식립

Starter Drill 1,200rpm Initial Drill 1,000rpm Drill 800rpm Profile Drill 300rpm Tap Drill 50rpm UF(II) Fixture 20rpm



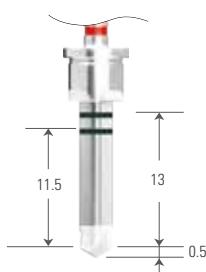
Bone Level 1mm 하방 식립

Starter Drill 1,200rpm Initial Drill 1,000rpm Drill 800rpm Profile Drill 300rpm Tap Drill 50rpm UF(II) Fixture 20rpm



Drill

11.5mm Fixture 식립 시
11.5-13mm 전용 드릴의
레이저마킹 위치를 확인 후 사용



Profile Drill

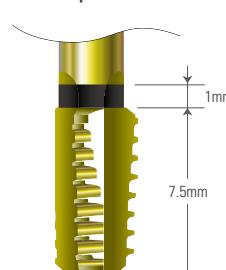
Drilling 깊이에 따라
초기 고정 값에 영향을 줌

Lower →
D2, D3 bone에서
식립토크를 줄일 때 사용



Tap Drill

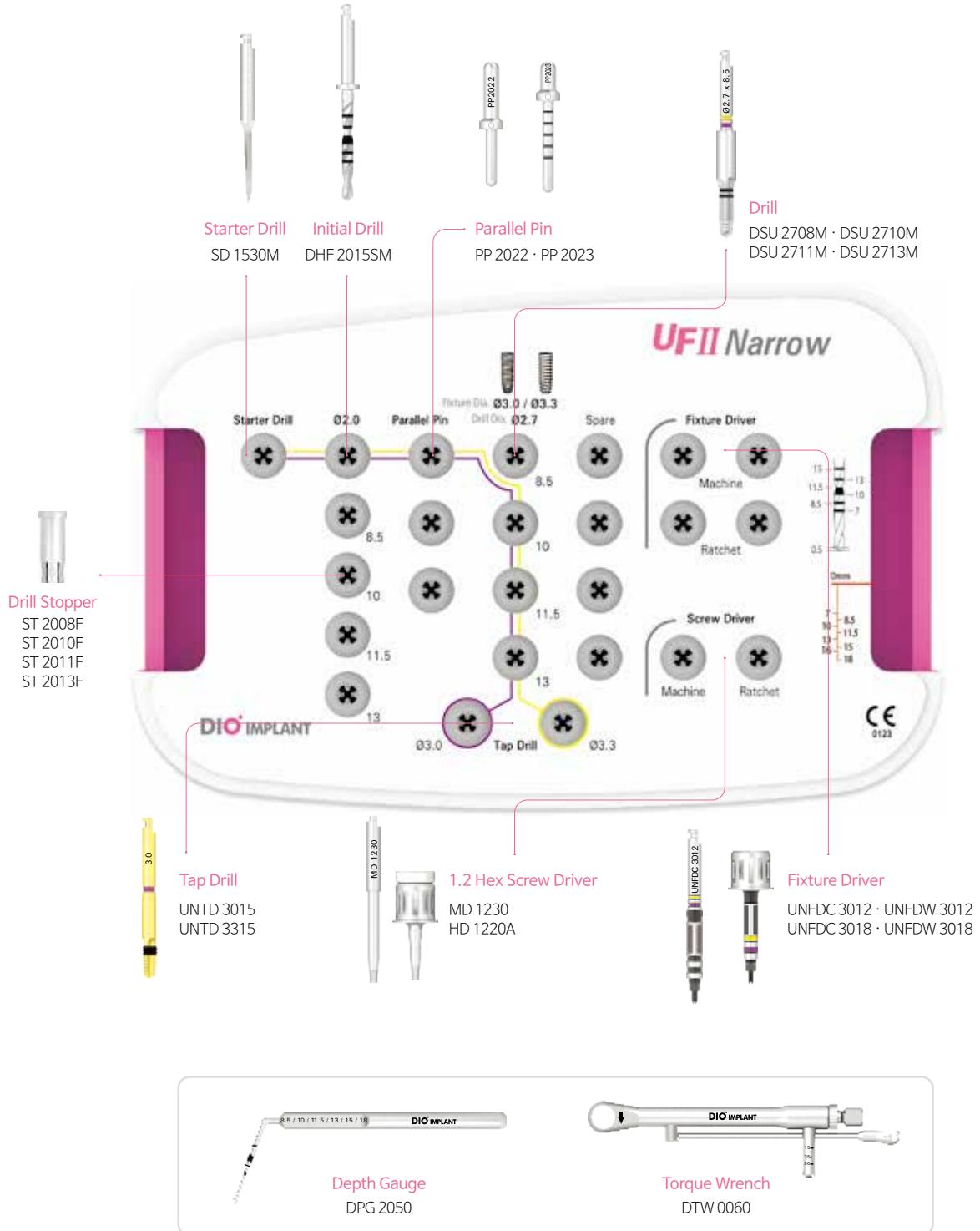
↑ 1mm
D1, D2 bone에서
식립토크를 줄일 때 사용
7.5mm



UFI Narrow Kit

- 절삭력과 내구성이 뛰어난 Drill 등으로 구성된 UFII Narrow 용 Kit
 - UFII Narrow Ø3.0 Ø3.3 Fixture 식립 가능

Unit mm | Drill Scale 1:0.9



Surgical Tool

Starter Drill



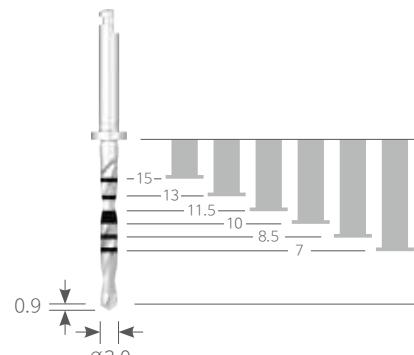
Unit mm | Scale 1:1.2

K

Code

SD 1530M

Initial Drill



Unit mm | Scale 1:1.2

K D Ø2.0

Code

DHF 2015SM

Drill stopper

● 별매품

Unit mm | Scale 1:1.2

K D Ø2.0

Code

ST 2015F

ST 2013F

ST 2011F

ST 2010F

ST 2008F



Parallel Pin

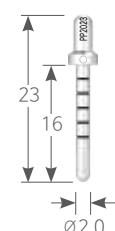
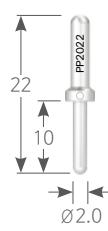
K D Ø2.0

Unit mm | Scale 1:1

Code

PP 2022

PP 2023



Surgical Tool

Drill

K D Ø2.7

Unit mm | Scale 1:1

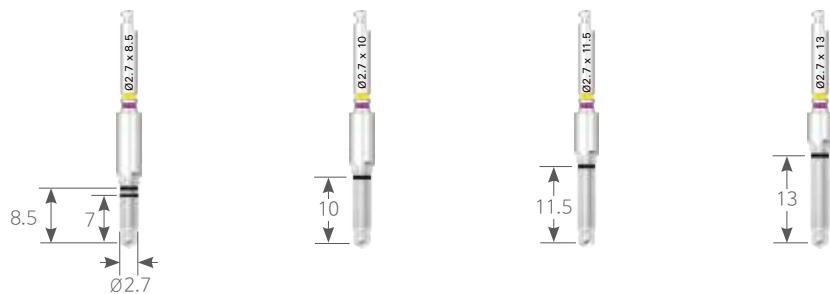
Code

DSU 2708M

DSU 2710M

DSU 2711M

DSU 2713M



Tap Drill

K

Unit mm | Scale 1:1

Fixture Size

Ø3.0

Ø3.3

Code

UNTD 3015

UNTD 3315



Fixture Driver

- Maximum Tightening Torque : 50Ncm
- 권장 사용횟수 : 20회

● 별매품

K

Unit mm | Scale 1:1

Type

Machine

Ratchet

Code

UNFDC 3006

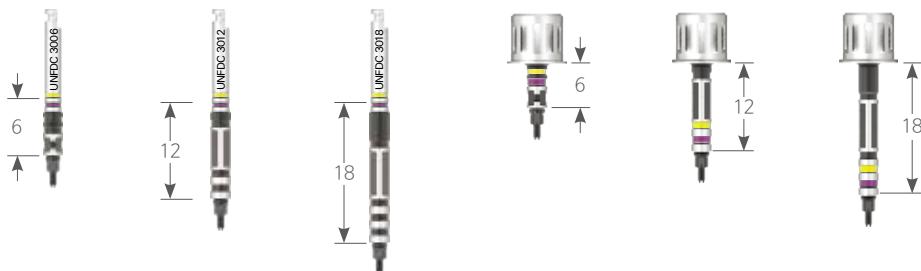
UNFDC 3012

UNFDC 3018

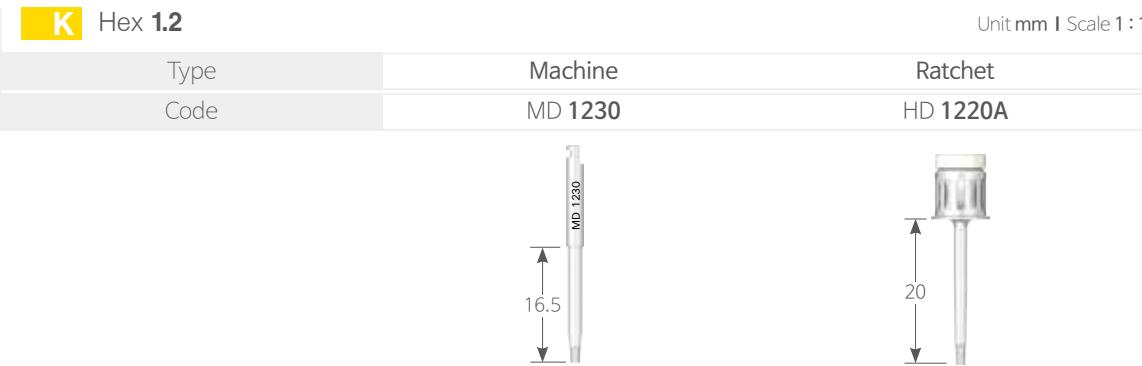
UNFDW 3006

UNFDW 3012

UNFDW 3018

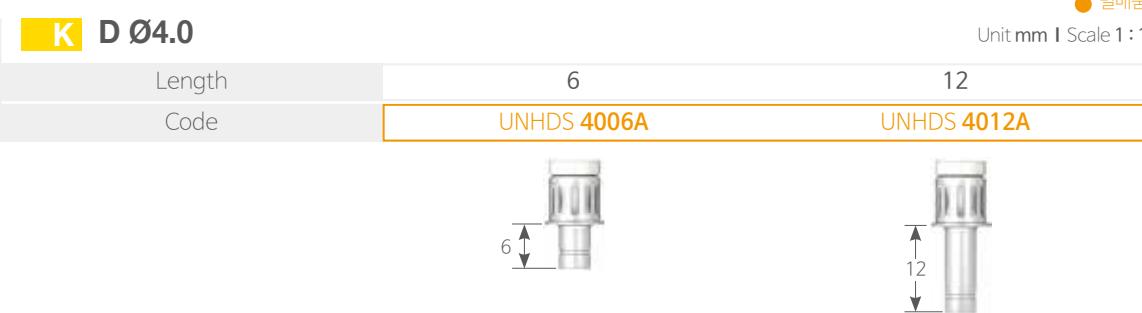


Screw Driver

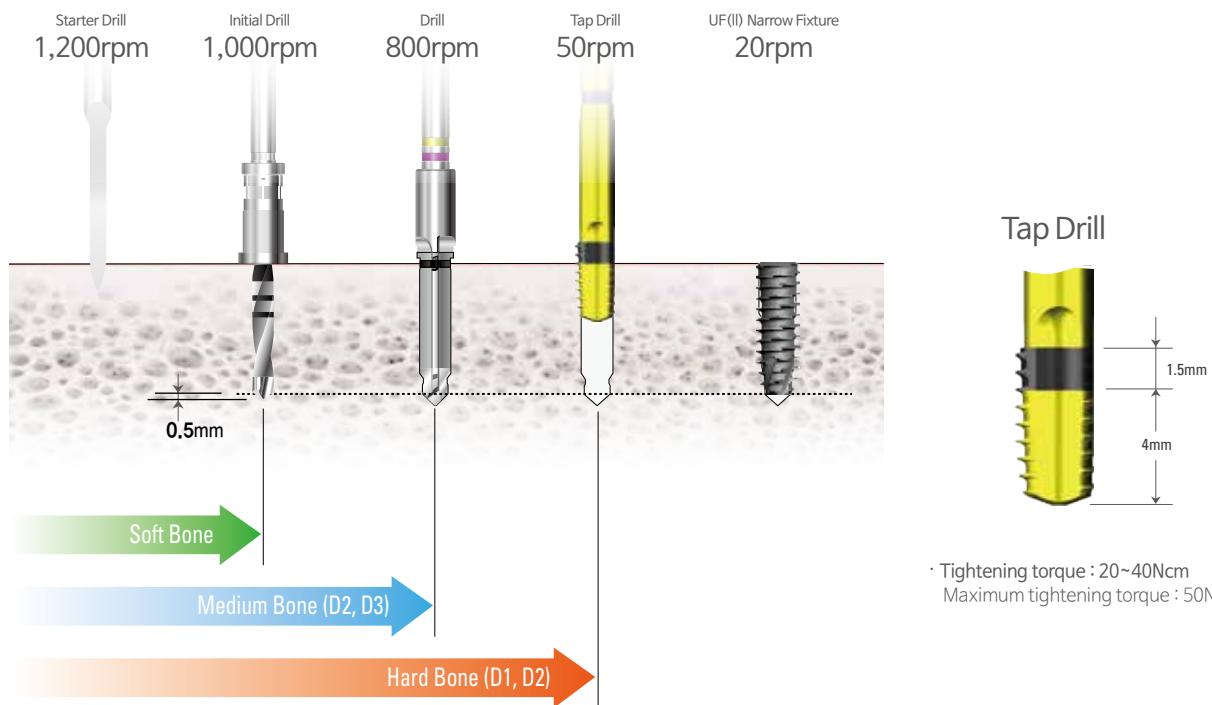


Solid Abutment Driver

· UFII Narrow Kit 전용



Surgical Protocol

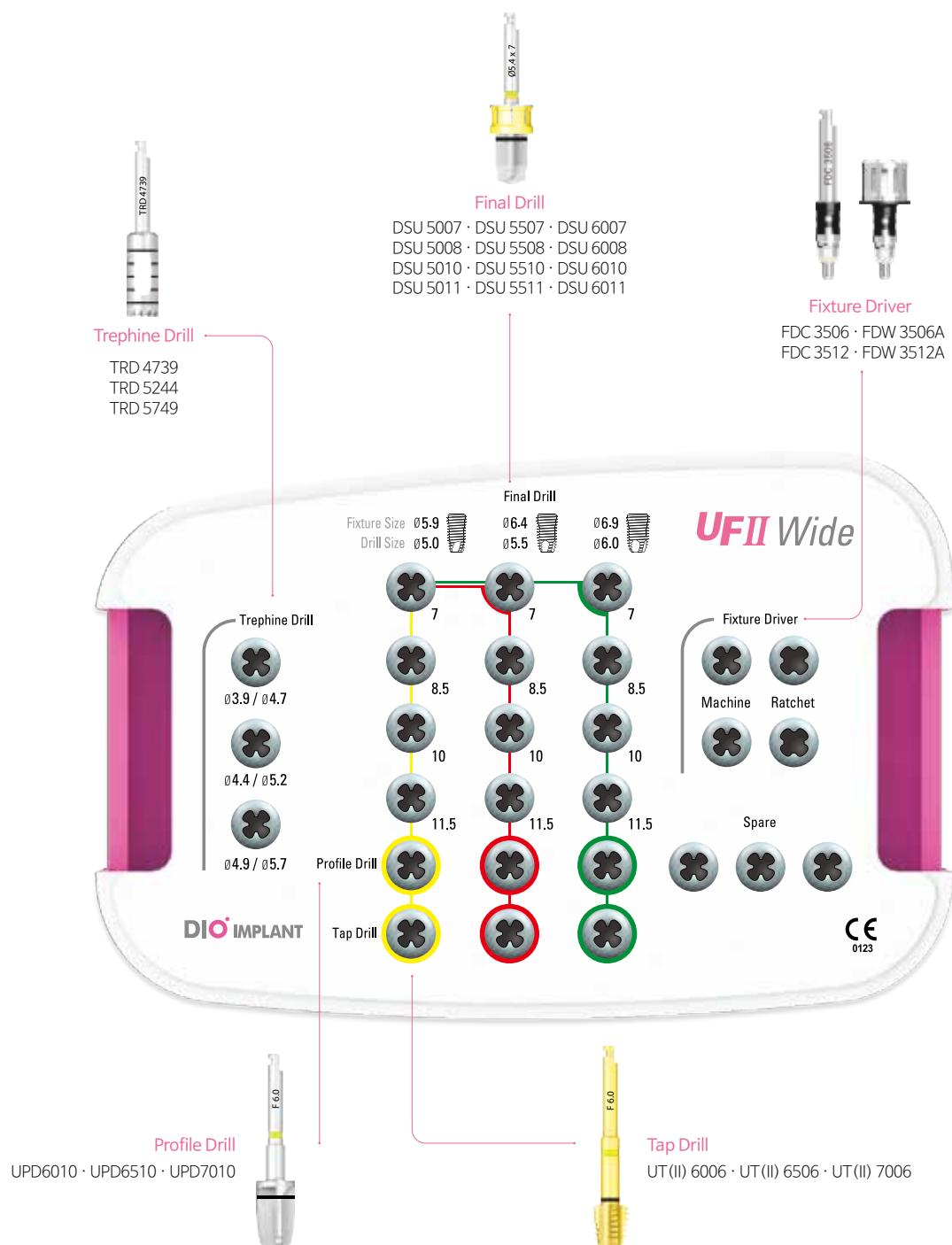


UFII Wide Kit

Kit Code | UF 09

- 절삭력과 내구성이 뛰어난 Drill 등으로 구성된 UFII Wide 용 Kit
- UFII Wide Ø5.9 Ø6.4 Ø6.9 Fixture 식립 가능

Unit mm | Drill Scale 1 : 0.9



Surgical Tool

Trephine Drill



Scale 1:1.15

Unit mm | Scale 1:1

| K | Code | TRD 4739 | TRD 5244 | TRD 5749 |
|---|------|----------|----------|----------|
| | | | | |



Diameter 1 | Ø3.9
 Diameter 2 | Ø4.7

Ø4.4
 Ø5.2

Ø4.9
 Ø5.7

Profile Drill



Scale 1:1.15

Unit mm | Scale 1:1

| K | Fixture Size | Ø6.0 | Ø6.5 | Ø7.0 |
|------|--------------|----------|----------|------|
| | | | | |
| Code | UPD 6010 | UPD 6510 | UPD 7010 | |

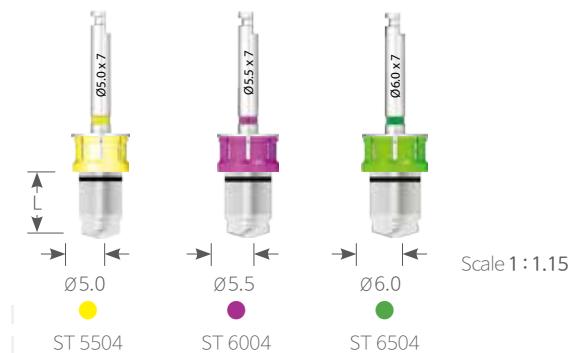


Color



Surgical Tool

Final Drill



● 별매품

Unit mm | Scale 1:1

K D Ø5.0

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

K D Ø5.5

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

K D Ø6.0

| 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 | Scale 1:1

| Fixture Size | $\varnothing 6.0$ | $\varnothing 6.5$ | $\varnothing 7.0$ |
|--------------|-------------------|-------------------|-------------------|
| Code | UT(II) 6006 | UT(II) 6506 | UT(II) 7006 |
| Color | Yellow | Red | Green |
| | F 6.0 | F 6.5 | F 7.0 |

Fixture Driver

K

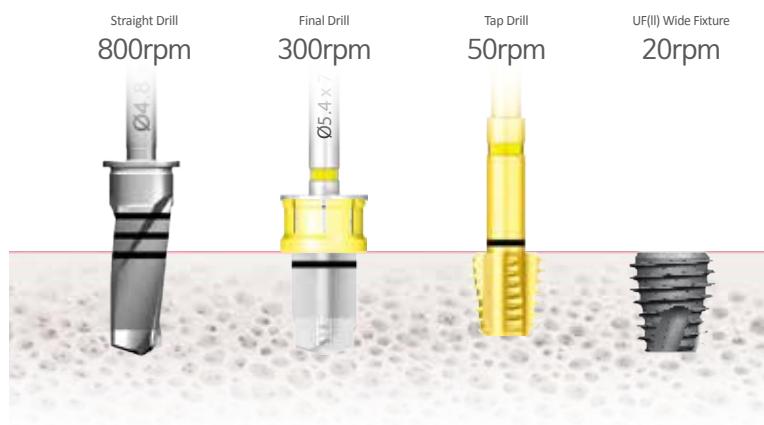
Unit mm | Scale 1:1

| Type | Machine | Ratchet |
|------|--|---|
| Code | FDC 3506 FDC 3512 FDC 3518 | FDW 3506A FDW 3512A FDW 3518A |
| | 6 | 6 |
| | 12 | 12 |
| | 18 | 18 |

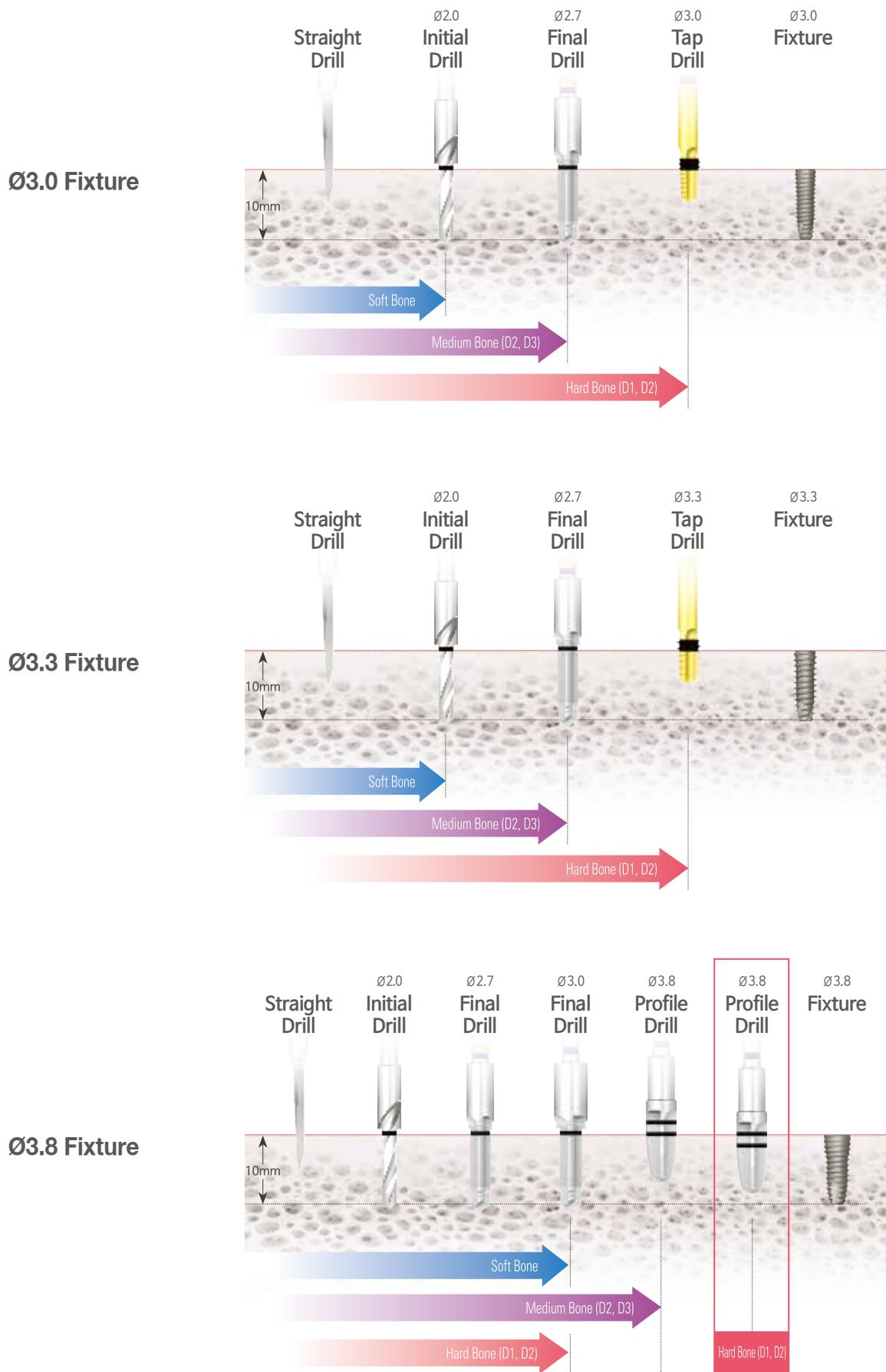
Surgical Protocol

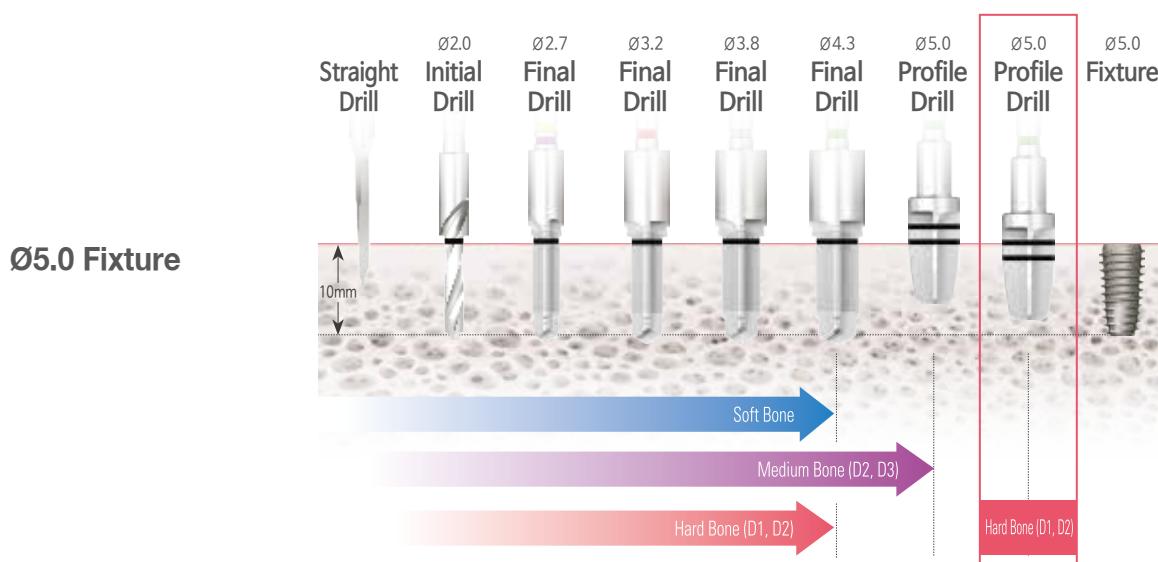
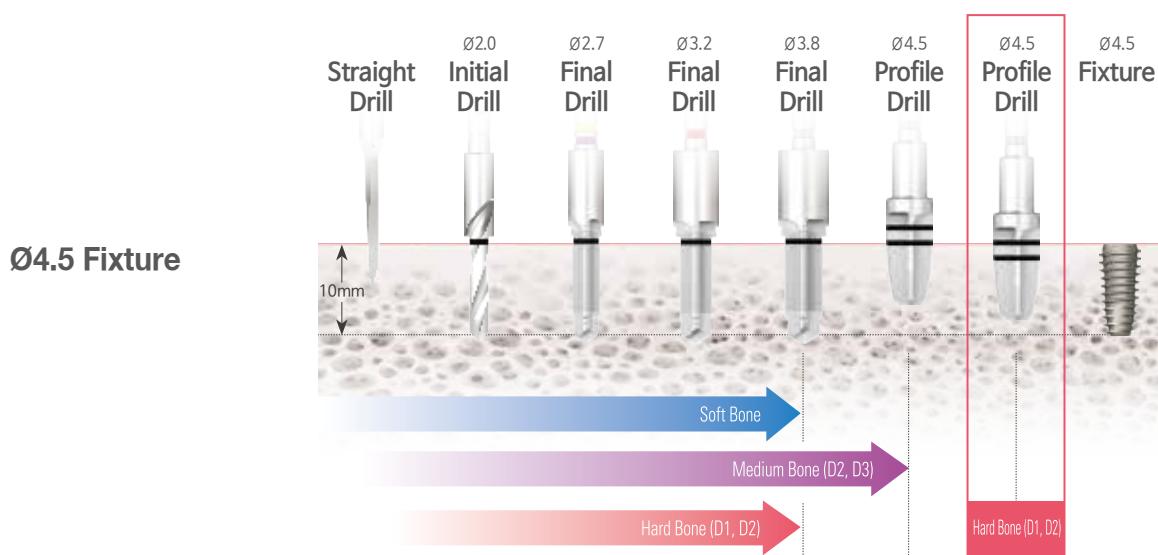
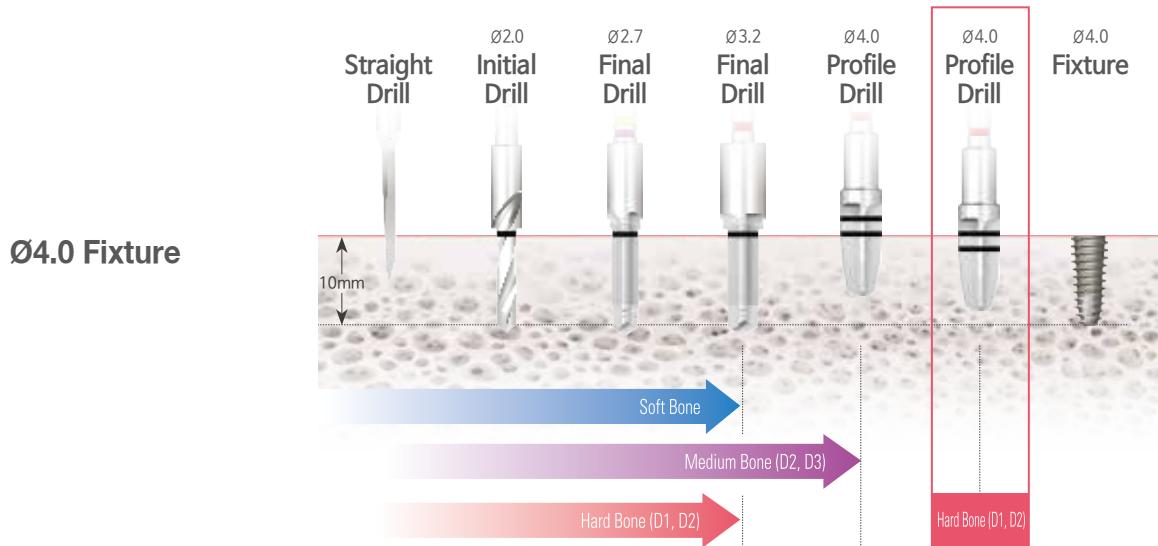
Fixture Length 7mm

Extraction Socket &
Replace failed Implant



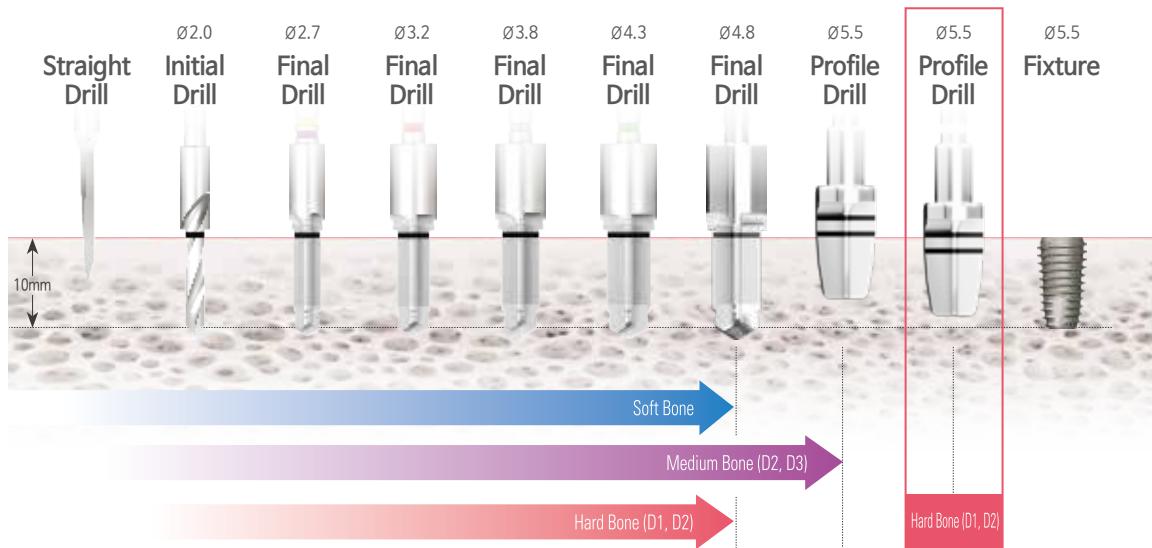
UFII / UFIII Surgical Protocol



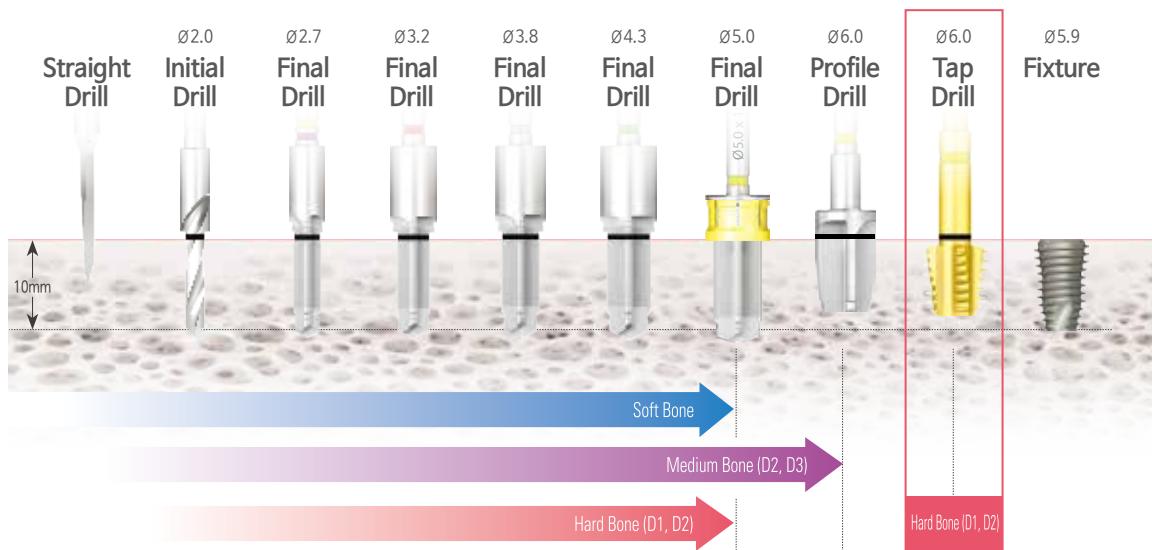


UFII Surgical Protocol

Ø5.5 Fixture



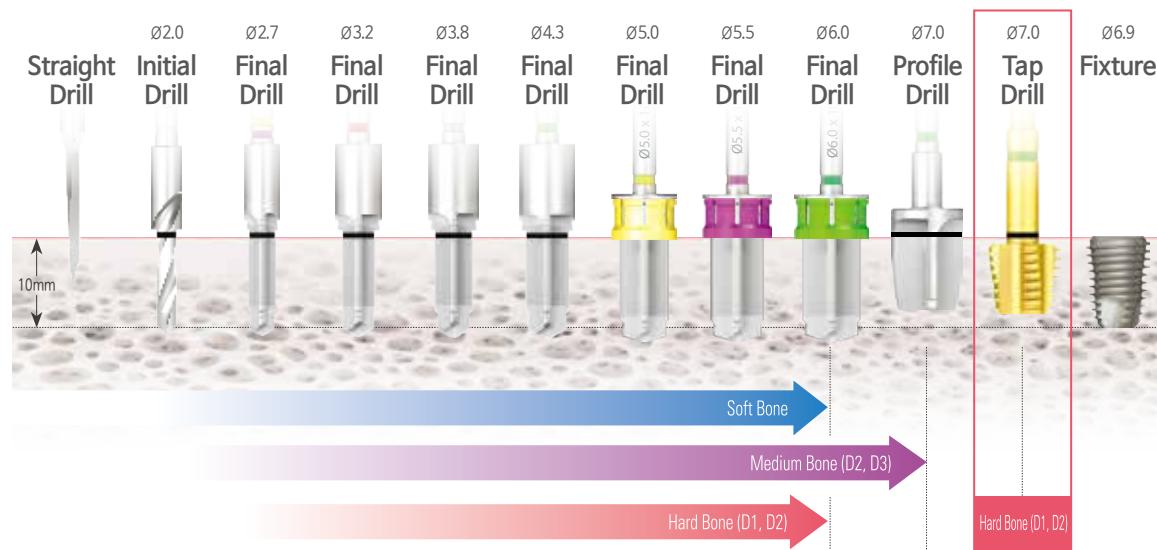
Ø5.9 Fixture



Ø6.4 Fixture



Ø6.9 Fixture



DIONAVI. KITS

DIONavi. Master Kit

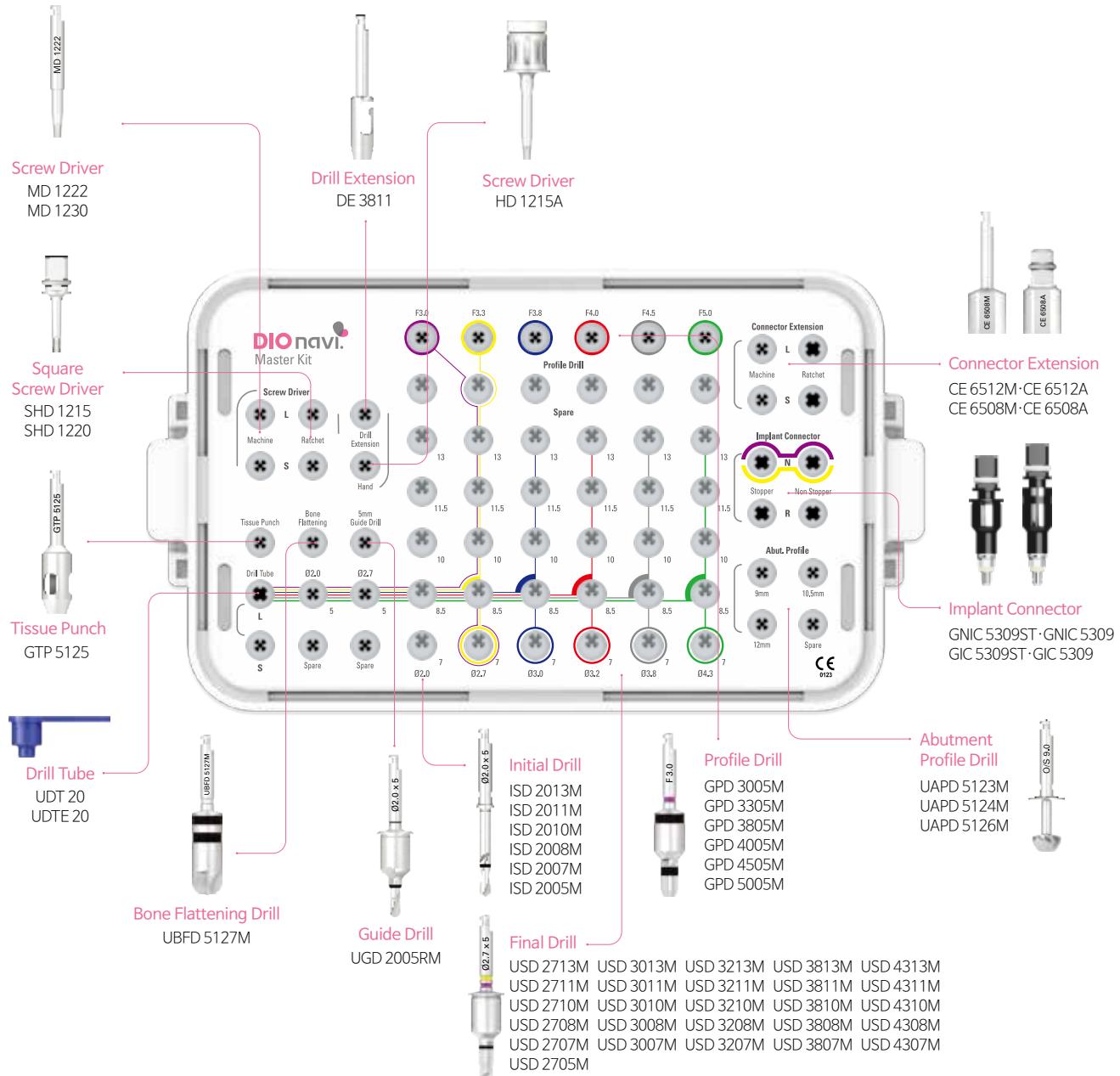
Kit Code | UF(M) 05

· 기본 Offset 9mm 기준으로 설계된 UFII /UFIII Narrow, Regular Fixture 범용 디오나비 시술 Kit

· UFII Narrow Ø3.0 Ø3.3 / UF II Regular Ø3.8 Ø4.0 Ø4.5 Ø5.0 / UF III Regular Ø3.8 Ø4.0 Ø4.5 Ø5.0 Fixture

· Guide Sleeve : GS 53

Unit mm | Drill Scale 1:0.9



Surgical Tool

Tissue Punch

- Punch 내부 고정날의 기능으로 안정적인 Gingiva 제거 가능
(Flapless Surgery)



Unit mm | Scale 1:1

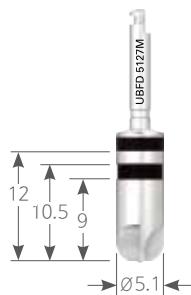
K D Ø3.0

Code

GTP 5125

Bone Flattening Drill

- Drilling이 용이하도록 잔여 Gingiva를 제거하며
불규칙한 치조정 골면을 평탄화시킴



Unit mm | Scale 1:1

K D Ø5.1

Code

UBFD 5127M

Guide Drill

- Initial Drill의 삽입이 용이하도록 최초 Bone에 Hole 형성



Unit mm | Scale 1:1

K D Ø2.0 Length 5

Code

UGD 2005RM

Drill Extension

- 드릴에 체결 시 15.5mm 연장됨



Unit mm | Scale 1:1

K Length 11

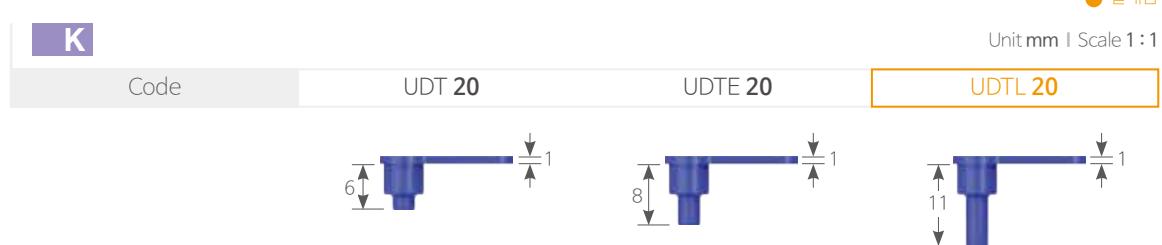
Code

DE 3811

Surgical Tool

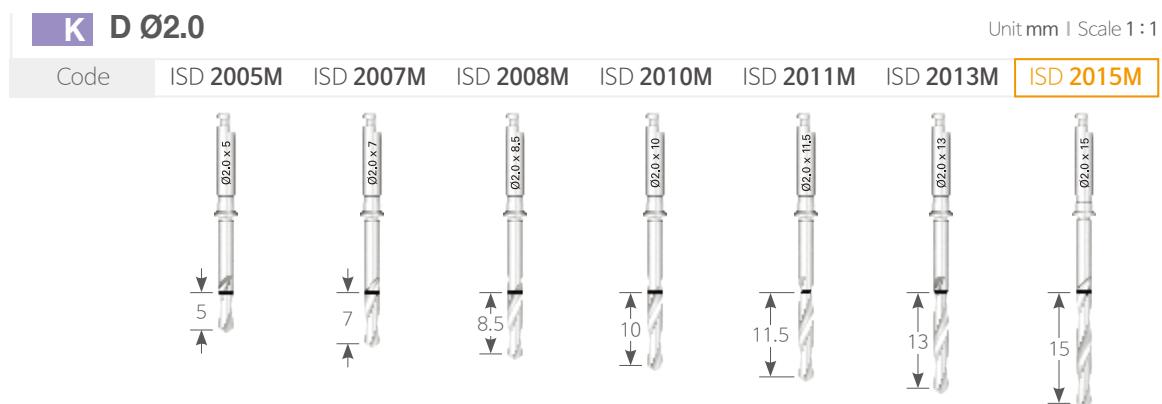
Drill Tube

· Initial Drill을 훈들림 없이 Drilling하기 위해 사용



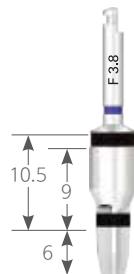
Initial Drill

· 피질골의 식립 Hole(Osteotomy Site)을 형성



Profile Drill

- D1과 D2 Bone에서 Cortical Bone을 확장하고
과도한 식립ток 발생을 방지



K

Unit mm | Scale 1:1

| Fixture Size | $\varnothing 3.0$ | $\varnothing 3.3$ | $\varnothing 3.8$ | $\varnothing 4.0$ | $\varnothing 4.5$ | $\varnothing 5.0$ |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Code | GPD 3005M | GPD 3305M | GPD 3805M | GPD 4005M | GPD 4505M | GPD 5005M |



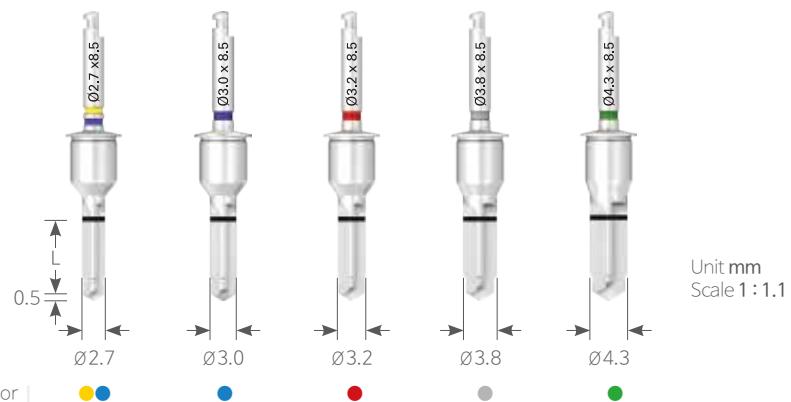
Color



Surgical Tool

Final Drill

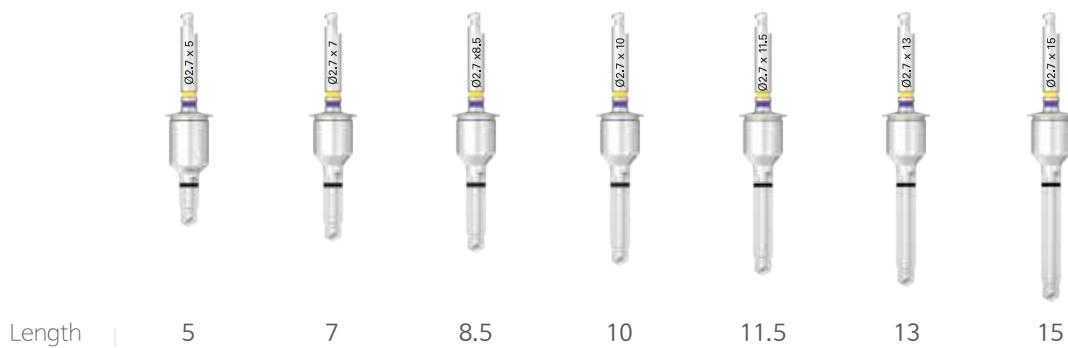
· 최종 Drilling까지 Drill Hole 확장



● 별매품

K D Ø2.7

Code USD 2705M USD 2707M USD 2708M USD 2710M USD 2711M USD 2713M **USD 2715M**



K D Ø3.0

Code **USD 3005** USD 3007M USD 3008M USD 3010M USD 3011M USD 3013M **USD 3015M**



● 별매품

Unit mm | Scale 1:1

K D Ø3.2

Code

USD 3205

USD 3207M

USD 3208M

USD 3210M

USD 3211M

USD 3213M

USD 3215M



Length

5

7

8.5

10

11.5

13

15

K D Ø3.8

Code

USD 3805

USD 3807M

USD 3808M

USD 3810M

USD 3811M

USD 3813M

USD 3815M



Length

5

7

8.5

10

11.5

13

15

K D Ø4.3

Code

USD 4305

USD 4307M

USD 4308M

USD 4310M

USD 4311M

USD 4313M

USD 4315M



Length

5

7

8.5

10

11.5

13

15

Surgical Tool

Tap Drill

· 과도한 식립 토크 발생 방지

● 별매품

| K | Unit mm Scale 1 : 1 | | | |
|--------------|-----------------------|----------|----------|----------|
| Fixture Size | Ø3.8 | Ø4.0 | Ø4.5 | Ø5.0 |
| Code | GTD 3815 | GTD 4015 | GTD 4515 | GTD 5015 |
| | | | | |
| Color | ● | ● | ● | ● |

Dimensions: Ø3.8 (Offset 9), Ø4.0 (Offset 10.5), Ø4.5 (Offset 12), Ø5.0 (Offset 12)

Abutment Profile Drill

· Abutment 체결 시 방해가 되는 Cortical Bone을 제거하고 Emergency Profile 형성

| K | Unit mm Scale 1 : 1 | | |
|--------|-----------------------|------------|------------|
| Code | UAPD 5123M | UAPD 5124M | UAPD 5126M |
| | | | |
| Offset | 9 | 10.5 | 12 |

Connector Extension

· Implant 식립 시 Connector 길이 연장

| K | Unit mm Scale 1 : 1 | | | |
|------|-----------------------|----------|----------|----------|
| Code | CE 6508A | CE 6508M | CE 6512A | CE 6512M |
| | | | | |
| Type | Ratchet | Machine | Ratchet | Machine |

Implant Connector

- 사전 계획된 Fixture 깊이, 내부 Hex 방향을 맞춰 Implant 식립
- UFII Narrow 권장 사용횟수 20회
- 50Ncm 이상의 과도한 Torque가 발생하지 않도록 주의

● 별매품

Unit mm | Scale 1 : 1

K

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

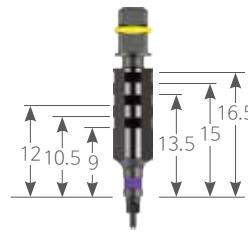


UFII **Narrow**

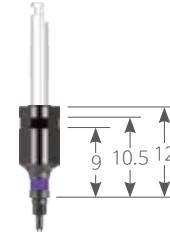
GNIC 5309



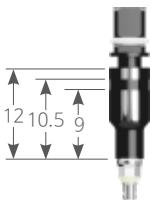
GNIC 5309ST



GNIC 5317



GNICC 5309

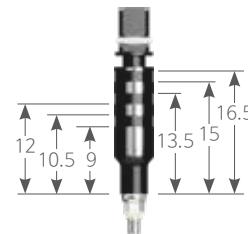


UFII **Regular**

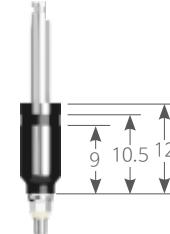
GIC 5309



GIC 5309ST



GIC 5317



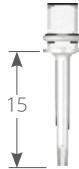
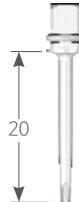
GICC 5309

Surgical Tool

Screw Driver

| K Hex 1.2 | Unit mm Scale 1:1 | | |
|-----------|---|---|--|
| Code | MD 1222 | MD 1230 | HD 1215A |
| Type |  MD 1222 |  MD 1230 |  HD 1215A |
| | 8.5 | 16.5 | 15 |
| Machine | | Machine | Ratchet |

Sqaure Screw Driver

| K Hex 1.2 | Unit mm Scale 1:1 | |
|-----------|--|--|
| Code | SHD 1215 | SHD 1220 |
| |  SHD 1215 |  SHD 1220 |
| | 15 | 20 |

Torque Wrench

· Implant Connector를 이용한 Fixture 식립 시 사용

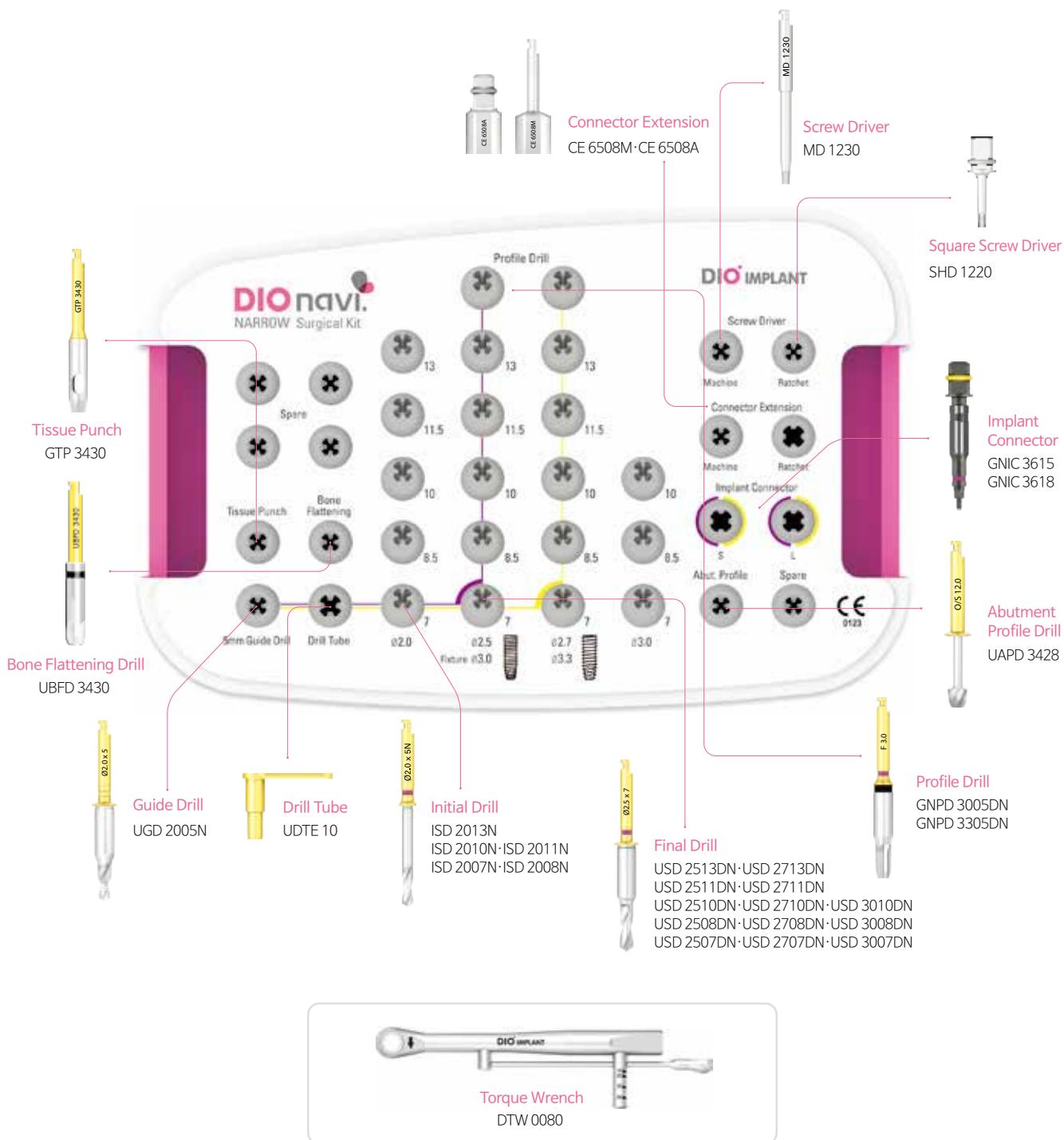
| | |
|------|---|
| K |  DTW 0080 |
| Code | DTW 0080 |

DIONavi. Narrow Kit

Kit Code | UF14

- 기본 Offset 10.5mm 기준으로 설계된 UFII Narrow Fixture 전용 디오나비 시술 Kit
- UFII Narrow Ø3.0 Ø3.3 Fixture
- Guide Sleeve : GSL 36, GS36

Unit mm | Drill Scale 1 : 0.9



Surgical Tool

Tissue Punch

- 임플란트를 식립할 위치의 치은을 원형으로 절개하고
내부의 이중칼날은 원형 절개된 잇몸조직을 제거



K D Ø2.8

Code

GTP 3430

Bone Flattening Drill

- 치조정 골면을 편평하게 만들고
Tissue Punch 사용 후 치조정에 남아있는 연조직을 제거



K D Ø3.5

Code

UBFD 3430

Guide Drill

- Initial Drill의 삽입이 용이하도록 최초 Bone에 Hole 형성



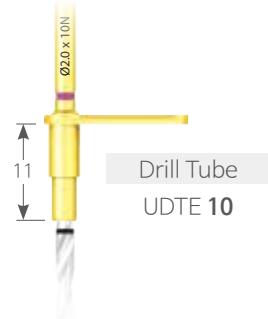
K D Ø2.0

Code

UGD 2005N

Initial Drill

- 초기단계 정확한 흘 형성 후에 행해지는 드릴을 위해 정확한 깊이와 방향을 확보해주는 기능



별매품

Unit mm | Scale 1 : 1

K D Ø2.0

Code

ISD 2007N

ISD 2008N

ISD 2010N

ISD 2011N

ISD 2013N

ISD 2015N



Drill Tube

- Initial Drill을 흔들림 없이 Drilling하기 위해 사용



Unit mm | Scale 1 : 1.15

K

Code

UDTE 10

Profile Drill

- D1 혹은 D2 골밀도를 가진 하악골에서 Cortical Bone을 확장하는데 사용
- 임플란트 식립 시, 과도한 토크를 가하지 않기 위한 목적

Unit mm | Scale 1 : 1

K

Fixture Size

Ø3.0

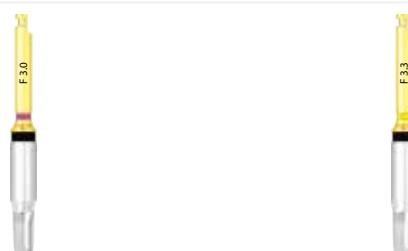
Ø3.3

Code

GNPD 3005DN

GNPD 3305DN

Color



Surgical Tool

Final Drill

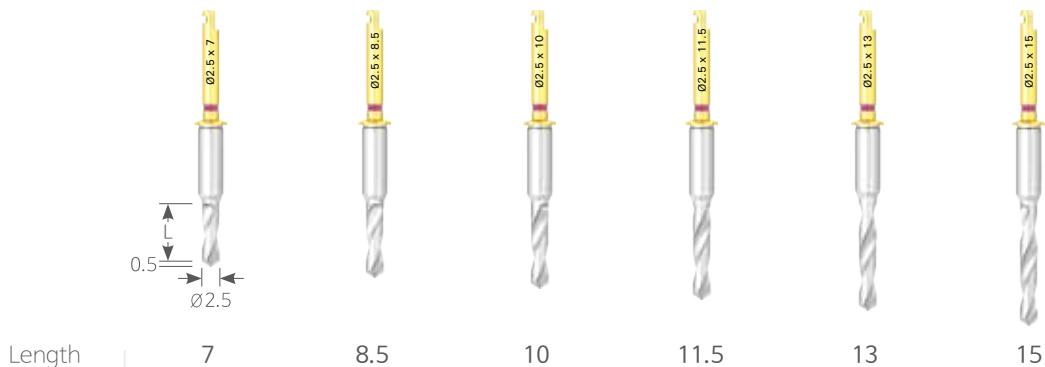
- Drill Tube를 사용하지 않고 선행 드릴의 통로를 타고 내려가며
임플란트 사이즈에 맞게 드릴크기(직경) 순서대로 증가하여 Drilling

● 별매품

K D Ø2.5

Unit mm | Scale 1:1

| | | | | | | |
|------|------------|------------|------------|------------|------------|-------------------|
| Code | USD 2507DN | USD 2508DN | USD 2510DN | USD 2511DN | USD 2513DN | USD 2515DN |
|------|------------|------------|------------|------------|------------|-------------------|



K D Ø2.7

Unit mm | Scale 1:1

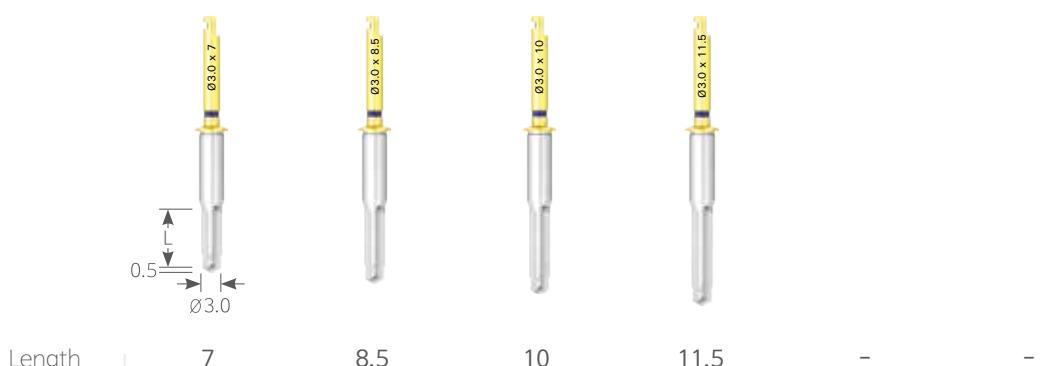
| | | | | | | |
|------|------------|------------|------------|------------|------------|-------------------|
| Code | USD 2707DN | USD 2708DN | USD 2710DN | USD 2711DN | USD 2713DN | USD 2715DN |
|------|------------|------------|------------|------------|------------|-------------------|



K D Ø3.0

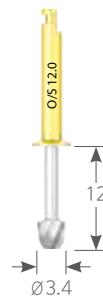
Unit mm | Scale 1:1

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



Abutment Profile Drill

- Abutment 또는 H-Scanbody를 체결할 때, 간섭이 되는 치조골을 제거해주는 기능
Drill을 360도 회전시켜 Abutment Profile의 형태 형성



Unit mm | Scale 1 : 1.15

K D Ø3.4

Code

UAPD 3428

Implant Connector

- Fixture를 식립 시, 계획된 식립 깊이와 Fixture Hexagon의 위치를 Guide Sleeve의 돌기와 일치시키면, 미리 제작한 Customized Abutment의 Hex 방향과 일치됨

K Hex 1.7

Unit mm | Scale 1 : 1

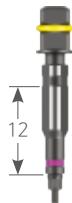
Code

GNIC 3615

GNIC 3618



Type



Short



Long

Connector Extension

- Implant 식립 시 Connector 길이 연장

● 별매품

K

Unit mm | Scale 1 : 1.2

Code

CE 6508A

CE 6508M

CE 6512A

CE 6512M



Type



Ratchet



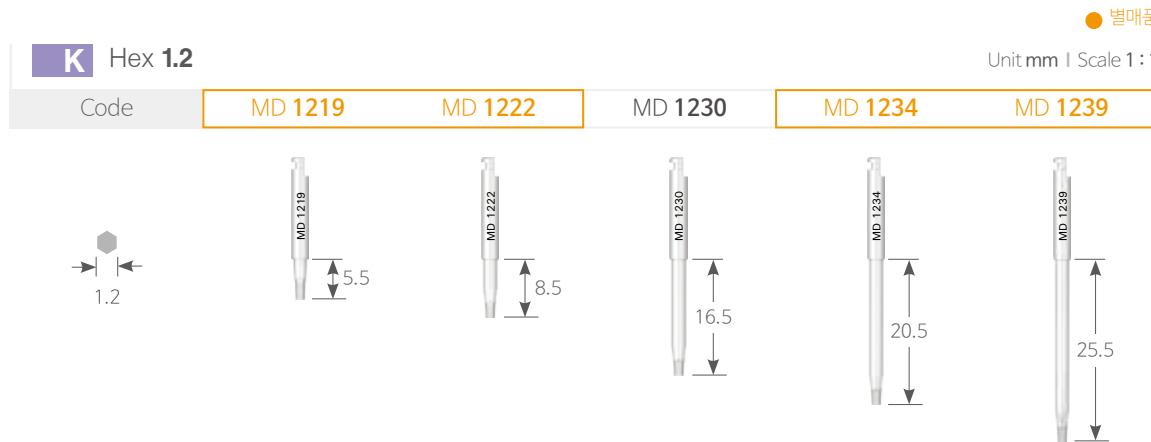
Ratchet



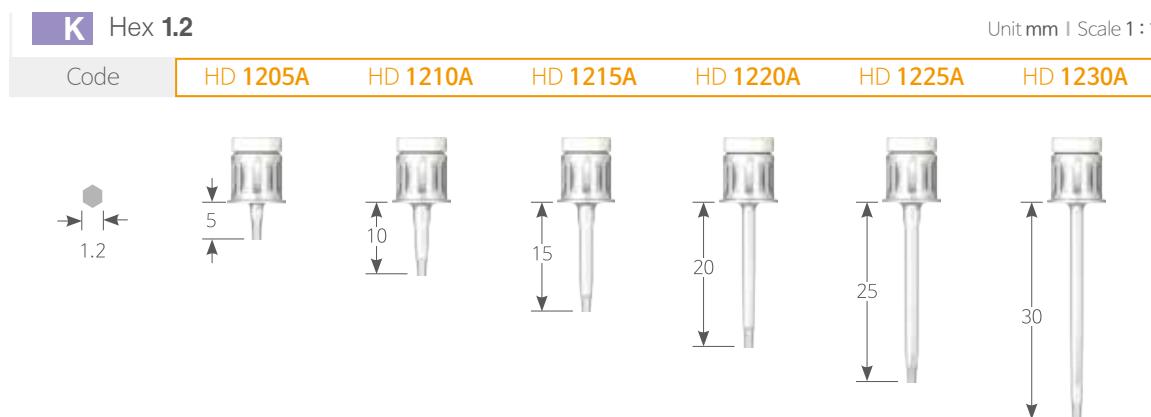
Machine

Surgical Tool

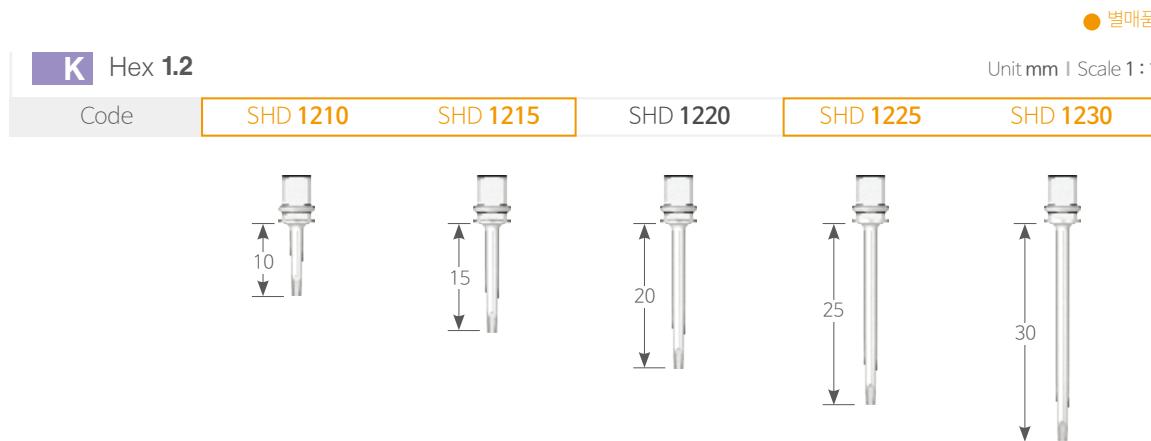
Screw Driver Machine



Screw Driver Ratchet



Square Screw Driver

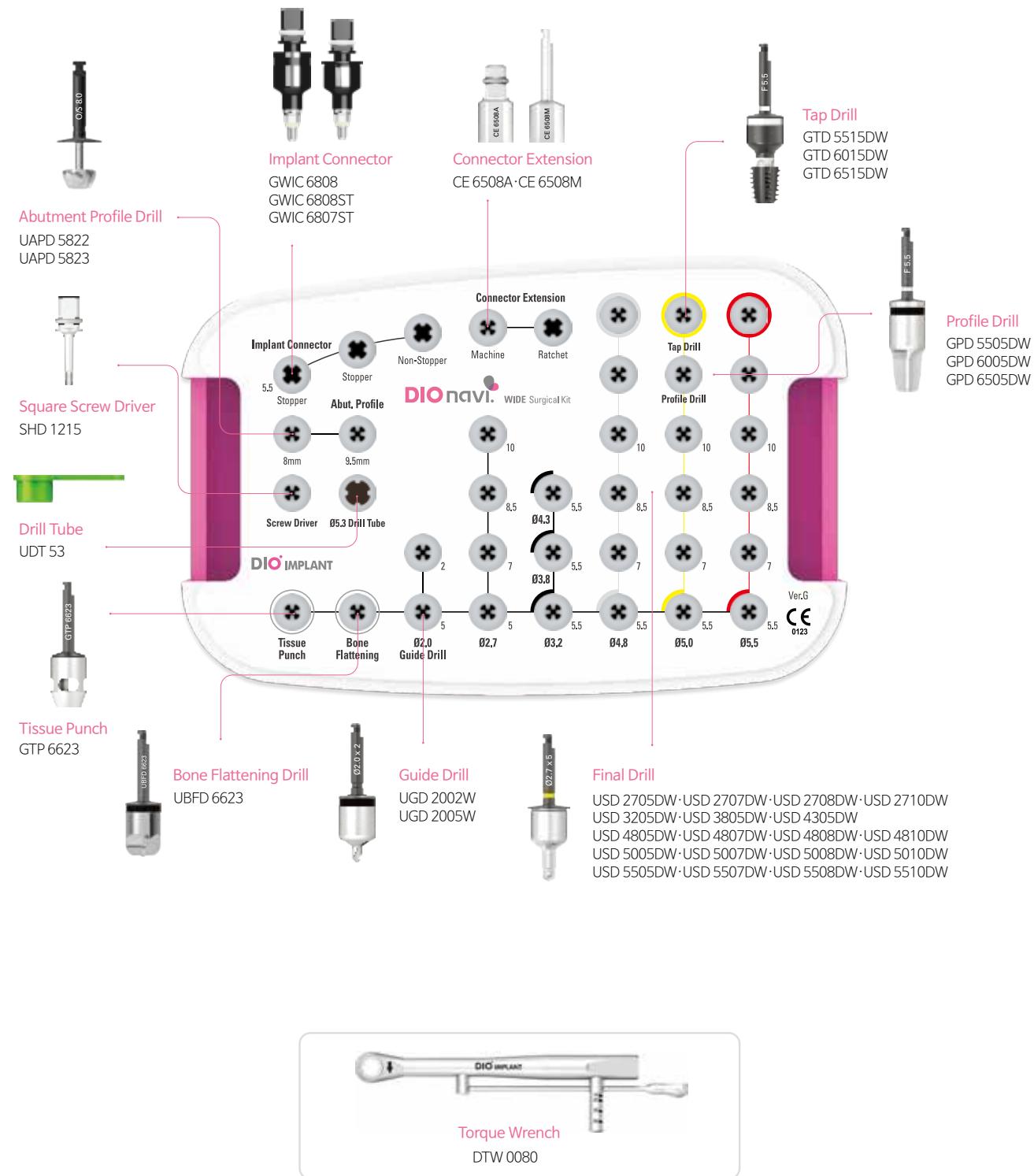


DIONavi. Wide Kit

Kit Code | UF 11

- 기본 Offset 8.0mm 기준으로 설계된 UFII Wide Fixture 전용 디오나비 시술 Kit
- UFII Regular Ø5.5 UFII Wide Ø5.9 Ø6.4 Fixture
- Guide Sleeve : GS 68GN

Unit mm | Drill Scale 1 : 0.9



Surgical Tool

Tissue Punch

- Punch 내부 고정날의 기능으로 안정적인 Gingiva 제거 가능 (Flapless Surgery)



K D Ø4.5

Code

GTP 6623

Bone Flattening Drill

- 불규칙한 치조정 골면을 평坦화시킴



K

Unit mm | Scale 1 : 1.15

Code

UBFD 6623

Drill Tube



K

Unit mm | Scale 1 : 1.2

Code

UDT 53

Guide Drill

- Initial Drill의 삽입이 용이하도록 최초 Bone에 Hole 형성

K D Ø2.0

Unit mm | Scale 1 : 1

Code

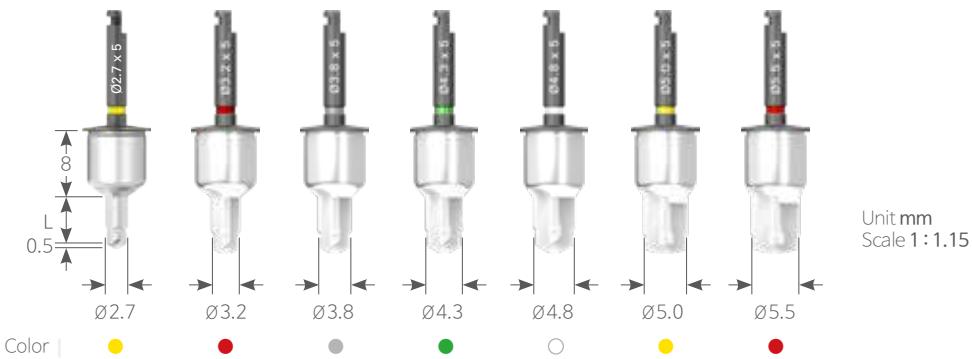
UGD 2002W

UGD 2005W



Final Drill

· 최종 Drilling까지 Drill Hole 확장



K D Ø2.7

Unit mm | Scale 1:1

Code

USD 2705DW

USD 2707DW

USD 2708DW

USD 2710DW



Length

5

7

8.5

10

K Length 5.5

Unit mm | Scale 1:1

Code

USD 3205DW

USD 3805DW

USD 4305DW



Diameter

Ø3.2

Ø3.8

Ø4.3

Surgical Tool

K D Ø4.8

Unit mm | Scale 1:1

Code

USD 4805DW

USD 4807DW

USD 4808DW

USD 4810DW



Length

5.5

7

8.5

10

K D Ø5.0

Unit mm | Scale 1:1

Code

USD 5005DW

USD 5007DW

USD 5008DW

USD 5010DW



Length

5.5

7

8.5

10

K D Ø5.5

Unit mm | Scale 1:1

Code

USD 5505DW

USD 5507DW

USD 5508DW

USD 5510DW



Length

5.5

7

8.5

10

Profile Drill

- D1 혹은 D2 골밀도를 가진 하악골에서 Cortical Bone을 확장하는 데 사용
- 임플란트 식립 시, 과도한 토크를 가하지 않기 위한 목적

K

Unit mm | Scale 1:1

| Fixture Size | $\varnothing 5.5$ | $\varnothing 6.0$ | $\varnothing 6.5$ |
|--------------|-------------------|-------------------|-------------------|
| Code | GPD 5505DW | GPD 6005DW | GPD 6505DW |



Color



Tap Drill

- 과도한 식립 토크 발생을 방지하기 위한 목적

K

Unit mm | Scale 1:1

| Fixture Size | $\varnothing 5.5$ | $\varnothing 6.0$ | $\varnothing 6.5$ |
|--------------|-------------------|-------------------|-------------------|
| Code | GTD 5515DW | GTD 6015DW | GTD 6515DW |



Color



Connector Extension

- Implant 식립 시 Connector 길이 연장

K

Unit mm | Scale 1:1

| Code | CE 6508A | CE 6508M |
|------|----------|----------|
|------|----------|----------|



Type



Machine

Ratchet

Surgical Tool

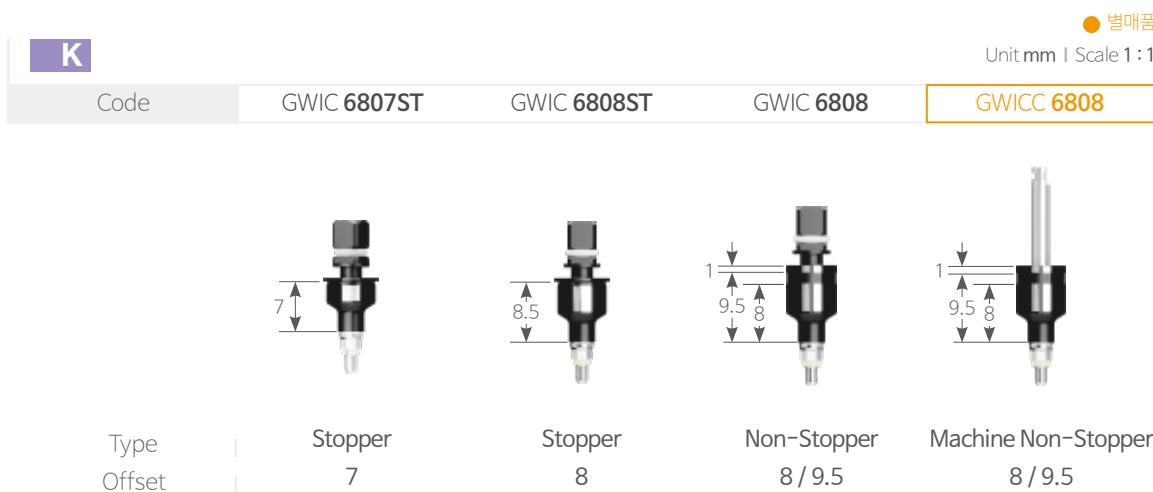
Abutment Profile Drill

- Abutment 체결 시 방해가 되는 Cortical Bone을 제거하고 Emergency Profile 형성

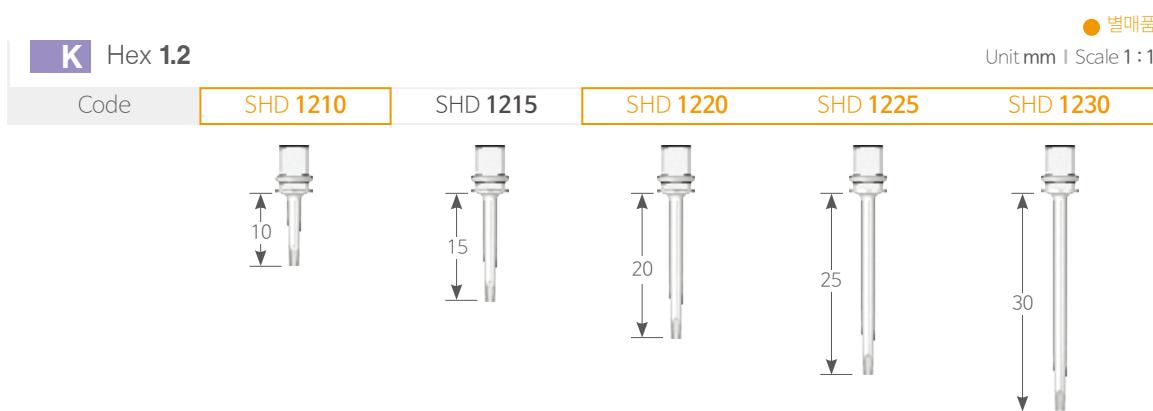


Implant Connector

- 사전 계획된 Fixture 깊이 내부 Hex 방향을 맞춰 Implant 식립
- 50Ncm 이상의 과도한 Torque가 발생하지 않도록 주의



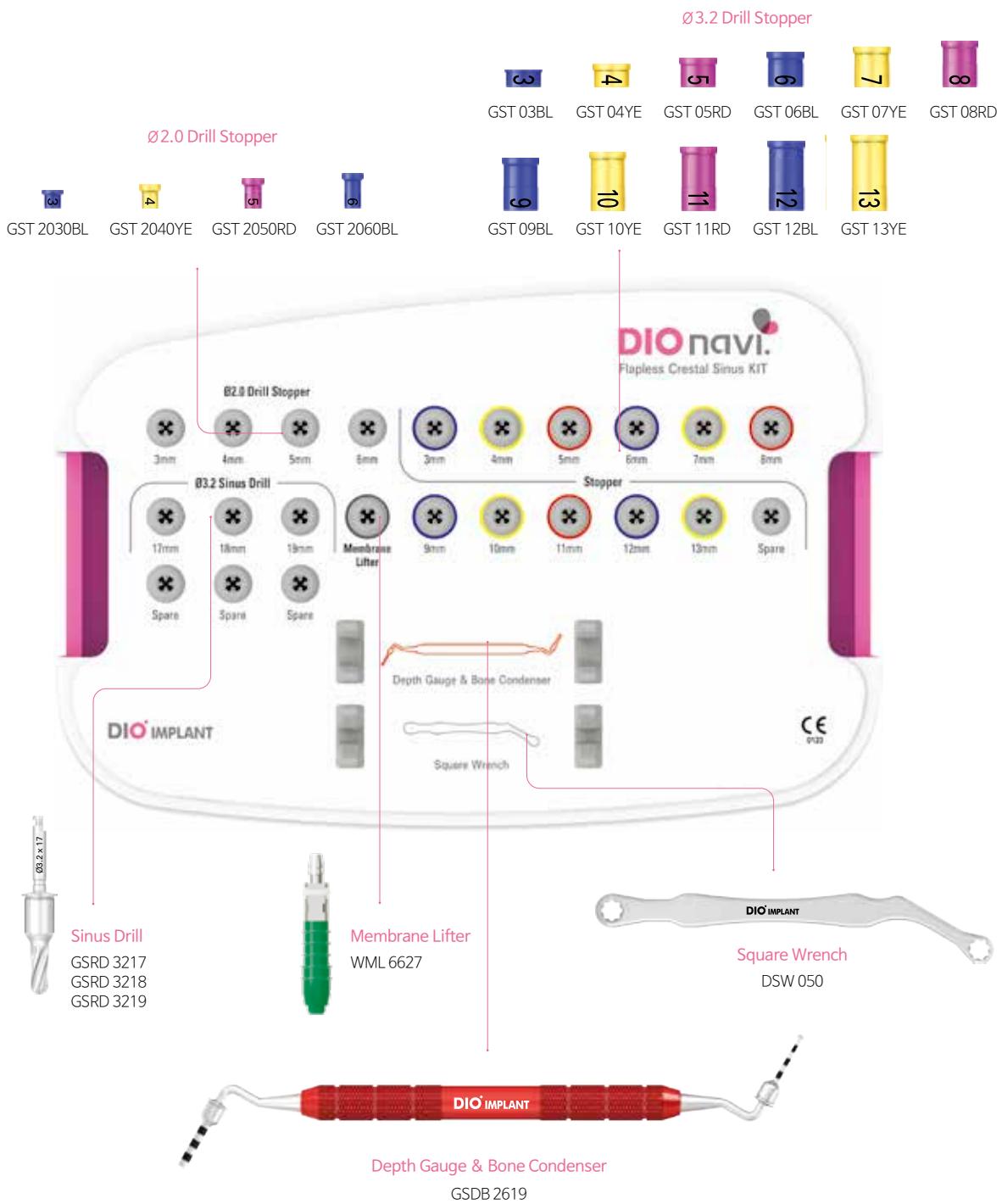
Square Screw Driver



DIONavi. Flapless Crestal Sinus Kit

Kit Code | SMK 02

Unit mm | Drill Scale 1 : 0.9



Surgical Tool

Ø2.0 Drill Stopper

- DIONavi. Master Kit 내 Ø2.0 Initial Drill에 체결하여 사용하며 시술 시 깊이를 일정하게 유지
- 1mm 간격으로 3~6mm까지 구성되어 있으며 길이별 Anodizing(전해착색) 및 Laser Marking

| K | Unit mm Scale 1:1 | | | |
|------|---------------------|------------|------------|------------|
| Code | GST 2030BL | GST 2040YE | GST 2050RD | GST 2060BL |
| | 3 | 4 | 5 | 6 |

Sinus Drill

- Drilling 시 Bone을 삭제하면서 앞날의 Round 형상으로 인해 Membrane은 손상시키지 않도록 Design
- 깊이 조절은 반드시 Stopper를 사용
- 무주수 저속 Drilling(10rpm 이하)

| K D Ø2.8 | ● 별매품 Unit mm Scale 1:1 | | | |
|----------|------------------------------|------------|------------|------------|
| Code | GSRD 2817 | GSRD 2818 | GSRD 2819 | GSRD 2821 |
| | 17 Ø2.8 | 18 Ø2.8 | 19 Ø2.8 | 21 Ø2.8 |

| K D Ø3.2 | Unit mm Scale 1:1 | | | |
|----------|---------------------|------------|------------|------------|
| Code | GSRD 3217 | GSRD 3218 | GSRD 3219 | GSRD 3221 |
| | 17 Ø3.2 | 18 Ø3.2 | 19 Ø3.2 | 21 Ø3.2 |

Ø3.2 Drill Stopper For crestal approach

- Flapless Crestal Sinus Kit 내 Ø3.2 Round Drill에 체결하여 사용하여 시술 시 깊이를 일정하게 유지
- 1mm 간격으로 3~13mm까지 구성되어 있으며 길이별 Anodizing(전해착색) 및 Laser Marking

| K | Unit mm Scale 1:1 | | | | | |
|------|---------------------|----------|----------|----------|----------|----------|
| Code | GST 03BL | GST 04YE | GST 05RD | GST 06BL | GST 07YE | GST 08RD |
| 3 | 4 | 5 | 6 | 7 | 8 | |
| Code | GST 09BL | GST 10YE | GST 11RD | GST 12BL | GST 13YE | |
| 9 | 10 | 11 | 12 | 13 | | |

Depth Gauge & Bone Condenser

- 잔존골의 두께와 Membrane의 천공 여부를 확인하고 천공된 Sinus 안으로 Bone을 밀어 넣어 사용
- Guide를 분리한 후 반드시 Stopper를 체결하여 사용

| K | Unit mm | |
|------|-----------|--|
| Code | GSDB 2619 | |
| | | |

Membrane Lifter

| K | Unit mm | |
|------|----------|--|
| Code | WML 6627 | |
| | | |

Surgical Tool

Square Wrench

Unit mm

| | | |
|---|------|---------|
| K | Code | DSW 050 |
|---|------|---------|



Sailine Tube

· Syringe는 별도구매

● 별매품
Unit mm

| | | |
|---|------|-----------|
| K | Code | MLT 40300 |
|---|------|-----------|

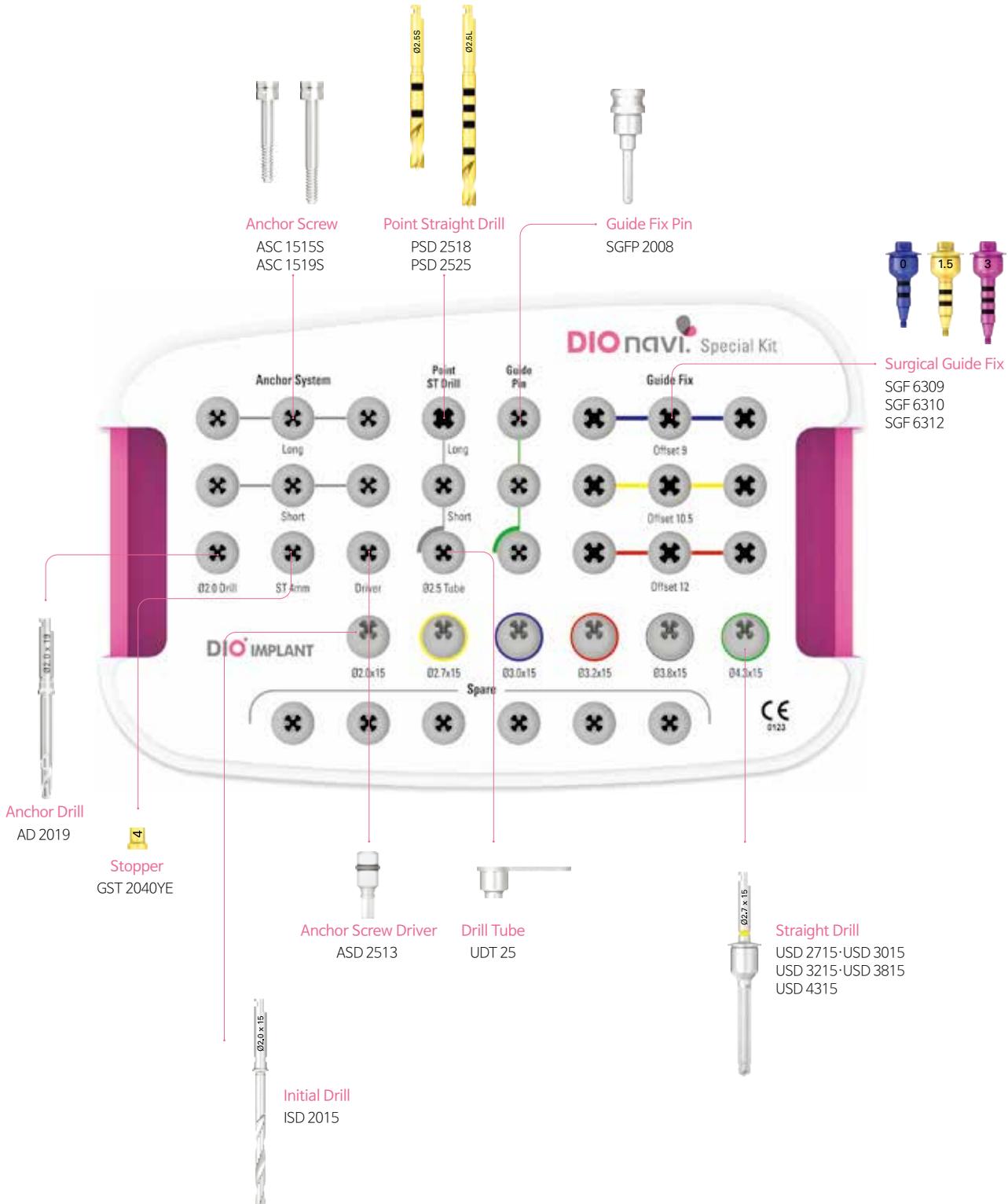


DIONavi. Special Kit

Kit Code | SGF 02

· 무치악 또는 결손부위가 많은 경우 Surgical Guide를 고정하거나
발치케이스에서 안정적인 Drilling을 위한 Surgical Kit

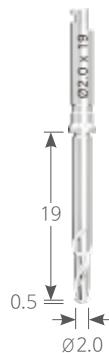
Unit mm | Drill Scale 1 : 0.9



Surgical Tool

Anchor Drill

- Surgical Guide를 고정하는 목적으로 Bone에 Anchor Pin 삽입을 위한 Hole 형성



K D Ø2.0

Unit mm | Scale 1 : 1.15

Code

AD 2019

Stopper

- Ø2.0 Initial Drill에 체결하여 사용하며 시술 시 깊이를 일정하게 유지
- Anchor Drill에 체결하여 Drilling 깊이 유지



K D Ø2.9

Unit mm | Scale 1 : 1.15

Code

GST 2040YE

Anchor Screw

- Ratchet용 Anchor Screw Driver로 Anchor Screw를 체결 시 사용
- Surgical Guide 고정 시 사용

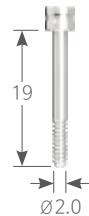
K D Ø2.0

Unit mm | Scale 1 : 1

Code

ASC 1515S

ASC 1519S



Anchor Screw Driver

- Ratchet용 Anchor Screw Driver로 Anchor Screw를 체결 시 사용



K

Unit mm | Scale 1 : 1.15

Code

ASD 2513

Initial Drill



Unit mm | Scale 1:1.15

K D Ø2.0

Code

ISD 2015

Point Straight Drill

- 정확한 위치에 Guide Hole 형성하기 위한 기구 (Bone의 미끄럼방지를 위한 형태)
- 전용 Drill Tube(UDT 25) 사용

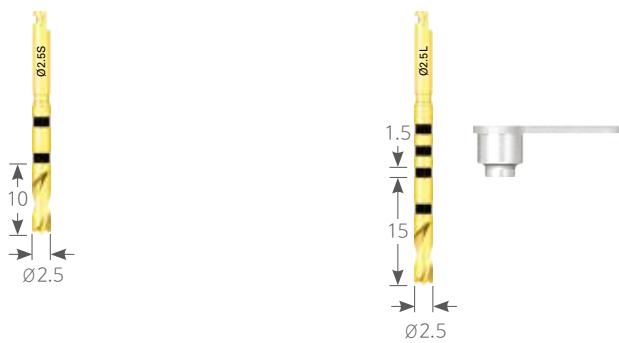
K D Ø2.5

Unit mm | Scale 1:1

Code

PSD 2518

PSD 2525



Surgical Tool

Straight Drill

| K | Length 15 | Unit mm Scale 1:1 | | | |
|------|-----------|---------------------|-----------|-----------|-----------|
| Code | USD 2715 | USD 3015 | USD 3215 | USD 3815 | USD 4315 |
| | Ø2.7 x 15 | Ø3.0 x 15 | Ø3.2 x 15 | Ø3.8 x 15 | Ø4.3 x 15 |

Color | Ø2.7 Ø3.0 Ø3.2 Ø3.8 Ø4.3

Surgical Guide Fix Pin

- Ø 2.0mm Drilling 후 Hole에 Surgical Guide Fix Pin을 꽂아
Surgical Guide가 흔들리지 않도록 고정할 때 사용 (고정 시 좌우 흔들림 방지)

| K | 별매품 Unit mm Scale 1:1 | |
|------|-------------------------|-----------|
| Type | Narrow | Regular |
| Code | SGFP 2008N | SGFP 2008 |
| | Ø2.0 | Ø2.0 |

Surgical Guide Fix

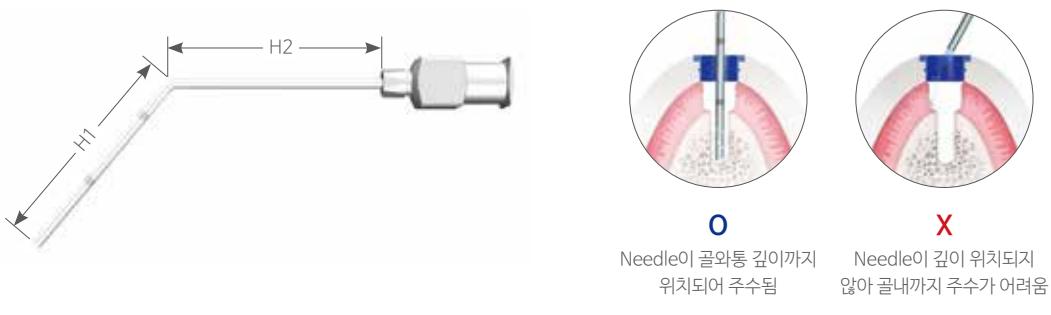
- 먼저 식립한 Fixture와 체결하여 Surgical Guide가 움직이지 않도록 고정할 때 사용 (고정 시 좌우 흔들림 방지)

| K | 별매품 Unit mm Scale 1:1 | | | |
|------|-------------------------|----------|------|----|
| Type | Narrow | Regular | | |
| Code | SGF 4412 | SGF 6309 | | |
| | 12 | 9 | 10.5 | 12 |

Offset | 12 | 9 | 10.5 | 12

Metal Needle

- 주수용 Needle을 골와동 깊이까지 위치시켜 사용해야 Bone Heating 방지 및 골와동 내 Particle 완벽히 제거
- 50rpm 이하의 저속 Drilling 시에는 무주수를 원칙으로 하지만, Bone Heating 방지 및 골와동 내 Particle의 완벽한 제거를 위하여 각 Drill 단계마다 골와동까지 Drill Hole 세척 및 Suction의 반복 수행을 권장



● 별매품

Unit mm | Scale 1:1.15

K

| Code | MNTE | MNTL |
|----------|------|------|
| Height 1 | 30 | 25 |
| Height 2 | 50 | 25 |

DIONavi. Drill Plate

- DIONavi. 시술 후 Drill 구분/세척관리의 효율과 Kit set 내 재배치 시 정확한 구분/배치를 위한 Tray 멸균 가능한 의료용 소재
- Size : 200×140×30(mm)

**K**

Unit mm

| Code | NP 01 |
|------|-------|
| | |

Surgical Tool

Bone Profile Drill

- Fixture 식립 후 Abutment(Healing) 체결 시 인접 Bone에 의한 미체결을 방지
(특히 Surgical Guide에 의한 Flapless Surgery 시에는 육안으로 인접 Bone의 형태를 확인하기 어렵기 때문에 효과적으로 사용)
- 2차 시술 시 Cover Screw 제거 후 Fixture 인접 Bone을 제거하여 Abutment(Healing) 체결을 원활하게 함
- 정확한 Abutment 체결을 통한 Bone과 식립된 Fixture Abutment 사이의 Gap을 없애 Transmucosal의 회복에 도움

● 별매품

Unit mm | Scale 1:1

| K | Type | Narrow | Regular |
|------|------------|-----------|---------|
| Code | BPD 4616GN | BPD 5608G | |

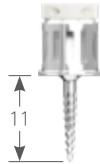


Abutment Seal Remover

- Abutment Hole 내부 충전재 제거 시 사용
- 테프론, 레진 소재 제거방법 :
Remover를 사용해 Abutment Hole 충전재를 누른 후, Remover를 시계방향으로 돌려 충전재를 제거한다.
- 실리콘 소재 제거방법 :
Remover를 사용해 Abutment Hole 충전재를 눌러 제거한다.

● 별매품

Unit mm | Scale 1:1

| K | Code | ASR 18H |
|---|------|---|
| | |  |

Fixture Tube

- 골폭이 좁을 경우, Fixture 위치를 정확하게 식립하기 위해 사용
- Ø3.8, Ø4.0 Fixture에 사용

● 별매품

Unit mm | Scale 1:1.2

| K | Code | FT 42 |
|---|------|---|
| | |  |

Surgical Guide Sleeve



| Fixture Size | | Narrow | Regular | Wide |
|--------------|-------|--------------|-------------|-------------|
| 회전형 | 단품 | GS 36YE | GSL 36YE | GS 53BL |
| 회전형 | 10set | GS 36YE_10 | GSL 36YE_10 | GS 53BL_10 |
| 회전형 | 50set | GS 36YE_50 | GSL 36YE_50 | GS 53BL_50 |
| 비회전형 | 단품 | GSCS 36YE | GSC 36YE | GSC 53BL |
| 비회전형 | 10set | GSCS 36YE_10 | GSC 36YE_10 | GSC 53BL_10 |
| 비회전형 | 50set | GSCS 36YE_50 | GSC 36YE_50 | GSC 53BL_50 |

Anchor Sleeve



| Type | Code |
|-----------|-----------|
| 회전형 단품 | ASC 20 |
| 회전형 10set | ASC 20_10 |
| 회전형 50set | ASC 20_50 |

Sleeve 조립 Jig / Cutter



| Fixture Size | Narrow | Regular | Wide |
|--------------------|--------|---------|-------|
| Sleeve 조립 Jig 회전형 | GSJN | GSJR | GSJW |
| Sleeve 조립 Jig 비회전형 | GSJCN | GSJCR | GSJCW |
| Cutter | GPCN | GPCR | GPCW |

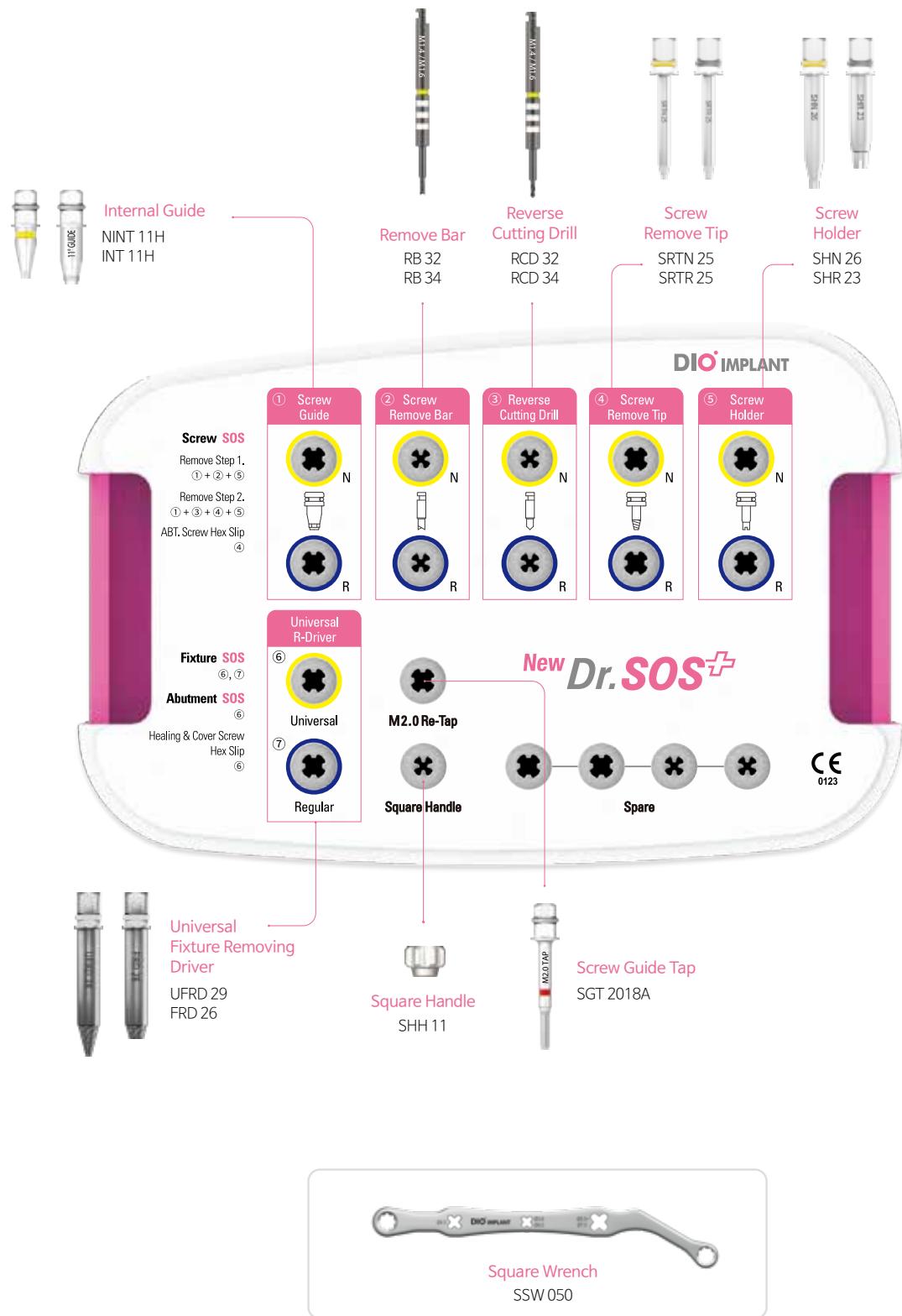
Instrument Kits

New Dr.SOS+ Kit

Kit Code | DRS 05

· 임플란트 시술 시 보철과정에서 과도한 Torque로 인한 Screw 파절이나
Connection 부위의 마모, 이물질 끼임 등의 문제를 안전하고 신속하게 해결

Unit mm | Drill Scale 1 : 0.9



Surgical Tool

Internal Guide

· Fixture 내부로 Remove Bar, Reverse Cutting Drill이 정확하게 진입할 수 있도록 해주는 Guide

● 별매품

K Sub. Narrow

Unit mm | Scale 1:1

Code

NINT 11H

NINT 11N

Type

Hex

Non-Hex



K Sub. Regular / Wide

Code

INT 11H

INT 11N

Type

Hex

Non-Hex



K Non-Sub. 8°

Code

INT 8Octa

INT 8N

Type

Octa

Non-Octa



External Guide

● 별매품

Unit mm | Scale 1:1

K Hex

Code

EXT 24

EXT 27

EXT 34



Reverse Cutting Drill

- 파절된 Screw 잔재에 Cutting Drill의 끝날 일부를 삽입 후 역회전에 의한 마찰력으로 잔재 제거(1mm 이상 홀생성)
- ※ 권장 rpm : 1,200rpm / 역회전
- ※ Reverse Cutting Drill 1회 사용 권장
- ※ 반드시 주수&Pumping 할 것



| K | Unit mm Scale 1:1 | |
|------|---------------------|------------|
| Code | RCD 32 | RCD 34 |
| Type | M1.4 / 1.6 | M2.0 / 2.5 |
| | | |

Remove Bar

- 파절된 Screw 잔재의 단면에 Bar의 끝날을 밀착 후 역회전에 의한 마찰력으로 잔재 제거
- ※ 권장 rpm : 20rpm / 역회전



| K | Unit mm Scale 1:1 | |
|------|---------------------|------------|
| Code | RB 32 | RB 34 |
| Type | M1.4 / 1.6 | M2.0 / 2.5 |
| | | |

Surgical Tool

Screw Remove Tip

- Fixture 커넥션에 맞는 가이드를 체결한 상태로 Screw Remove Tip을 삽입하여 Screw를 Pick Up 후 제거
※ Hand Mode



K

Code

SRTN 25

SRTR 25

Unit:mm | Scale 1:1



Screw Holder

- Screw Holder를 사용하여 Screw를 Pick Up 후 제거
※ Hand Mode



K

Code

SHN 26

SHR 23

Unit:mm | Scale 1:1



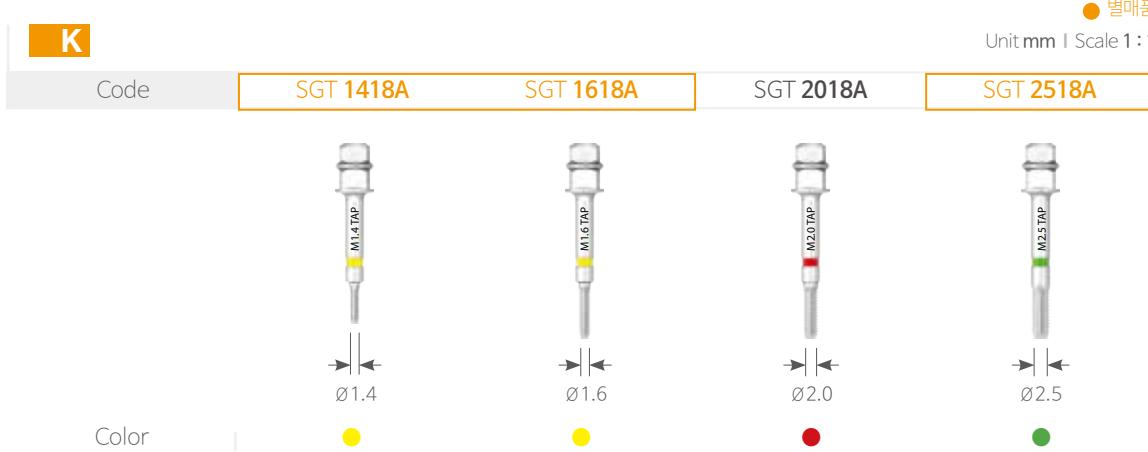
Universal Fixture Removing Driver

- 다양한 실패 유형을 하나의 드라이버로 간편하게 해결 가능
※ 역회전



Screw Guide Tap

- 구강 내 식립된 Fixture 내부 Connection에 이물질 끼임, 나사산 마모 등의 변형으로 Screw 체결이 어려울때 나사산을 원래대로 회복시킴
- Square Wrench를 사용하지 않고, Square Handle을 손으로 회전시켜 사용
※ Hand Mode



Square Handle

K

Code

SHH 11



Square Wrench

- 제거하고자 하는 Fixture를 Square Wrench에 고정 후 Universal Driver를 누르면서 정회전하여 분리



K

Code

SSW 050



Sinus Master Kit

Kit Code | SMK 01

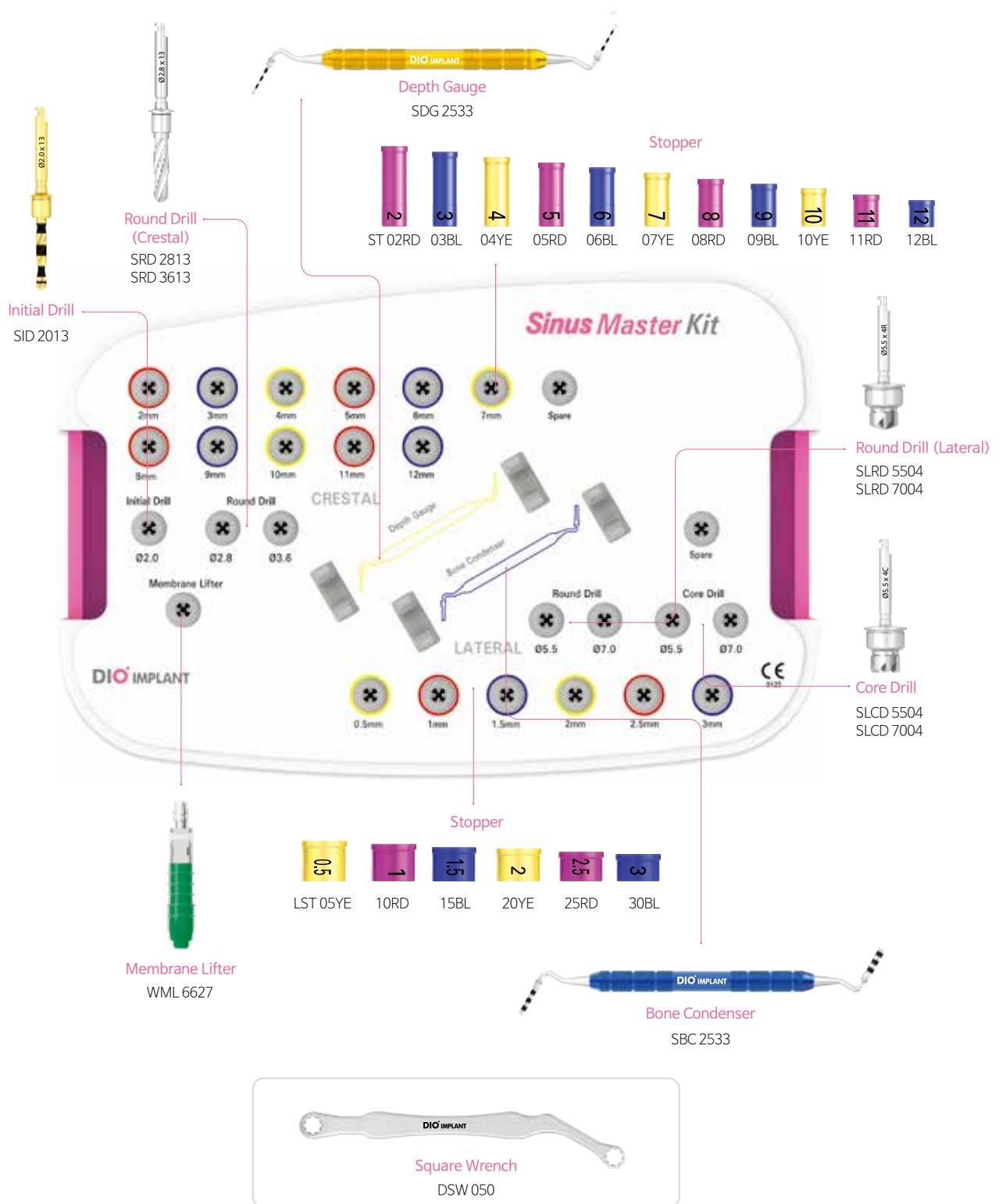
Crestal Approach Technic

저속 Drilling(50~100rpm)과 Stopper 장착을 기본으로 하는 Sinus Technic으로
안전하고 신속하게 Inferior Cortical Wall을 천공 후 Membrane 거상

Lateral Approach Technic

Round Drill과 Core Drill을 선택하여 사용이 가능하며 고속 Drilling과
Stopper 장착을 기본으로 안전하고 신속한 Membrane 거상 가능

Unit mm | Drill Scale 1 : 0.9

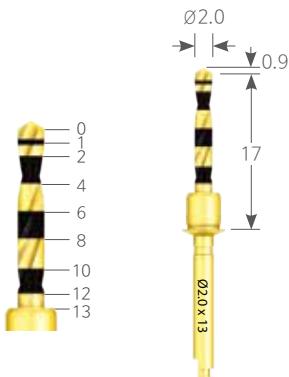


INSTRUMENT KIT

Sinus Master Kit

Surgical Tool Crestal

$\varnothing 2.0$ Initial Drill



K D Ø2.0

Unit mm | Scale 1:1.2

Code

SID 2013

Round Drill



K Length 13

Unit mm | Scale 1:1.2

Code

SRD 2813

SRD 3613

Stopper

- Drill 깊이 조절을 위해 반드시 Stopper 사용
- 길이별 Anodizing 색상 부여 및 Stopper 길이 Laser Marking 처리

K

Unit mm | Scale 1:1

| Code | ST02RD | 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

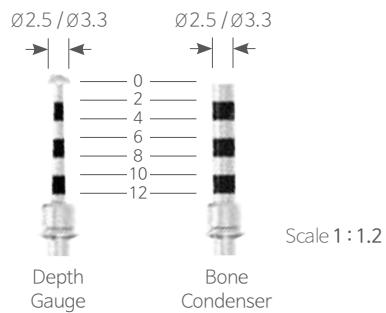


K

Unit mm | Scale 1:1.2

| Code | WML 6627 |
|------|----------|
|------|----------|

Surgical Tool Crestal



Depth Gauge

K

Unit mm

Code

SDG 2533



Bone Condenser

K

Unit mm

Code

SBC 2533



Sailine Tube

· Syringe는 별도구매

K

Unit mm

Code

MLT 40300



Surgical Tool Lateral

Round Drill

| | |
|----------|---------------------|
| K | Unit mm Scale 1:1 |
| Code | SLRD 5504 |
| | SLRD 7004 |



Core Drill

| | |
|----------|---------------------|
| K | Unit mm Scale 1:1 |
| Code | SLCD 5504 |
| | SLCD 7004 |



Stopper

- Drill 깊이 조절을 위해 반드시 Stopper 사용
- 길이별 Anodizing 색상 부여 및 Stopper 길이 Laser Marking 처리

| | | | | | |
|-----------------|--|-----|---|-----|-----|
| K | Unit mm Scale 1:1 | | | | |
| Code | LST 05YE 10RD 15BL 20YE 25RD 30BL | | | | |
| 0.5 | 1 | 1.5 | 2 | 2.5 | 3 |
| Drilling Length | 0.5 | 1 | 2 | 1.5 | 2.5 |
| Stopper Length | 7.5 | 7 | 6 | 6.5 | 5.5 |

Surgical Protocol

Lateral Approach Technic

· 저속 Drilling(50~100rpm)과 Stopper 장착을 기본으로 하는 Sinus Technic으로

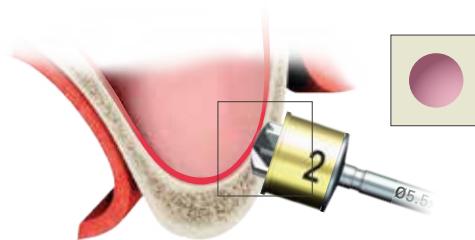
안전하고 신속하게 Inferior cortical wall을 천공 후 Membrane 거상이 가능

Drilling Round Drill

둥근 형상으로 Drilling 가능

Caution

반드시 Stopper 사용. 주수 1,200~1,400rpm



Drilling Core Drill

둥근 형상의 가장자리만 Drilling 가능

가운데 잔존골을 상악동 거상이 완료된 후

제자리 원상복귀 시킴

Caution

반드시 Stopper 사용. 주수 600~800rpm



Sinus 막 거상 Sinus Lift

Lateral 측면에서 Membrane 거상



Crestal Approach Technic

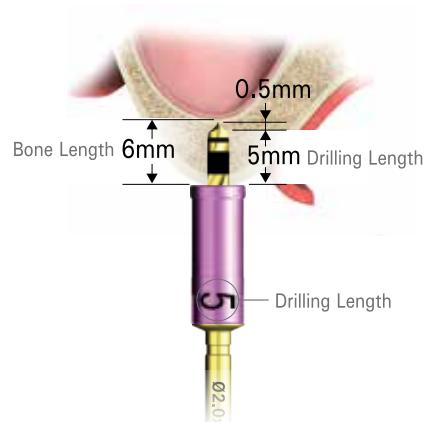
- 저속 Drilling(50~100Rpm)과 Stopper 장착을 기본으로 하는 Sinus Technic으로 안전하고 신속하게 Inferior Cortical Wall을 천공 후 Membrane 거상 가능

Drilling Initial Drill

CT상에서 측정된 상악동저 하방 골 높이를 기준으로 1~2mm 깊게 Drilling 되도록 Stopper를 장착 후 상악동저 하방까지 Drilling

Caution

깊이 조절을 위해 반드시 Stopper 사용
무주수 저속 Drilling 50rpm

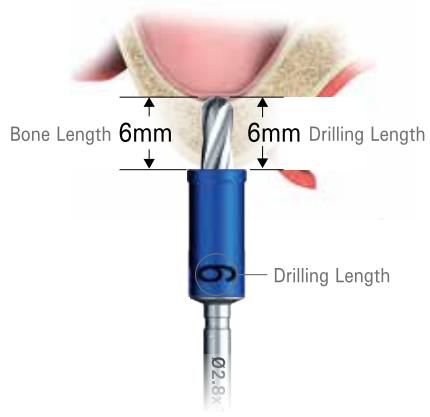


상악동저 골 천공 Sinus Drill

CT상에서 측정된 상악동저 하방 골 높이를 기준으로 동일한 길이로 Drilling 되도록 Stopper를 장착 후 Drilling

Caution

깊이 조절을 위해 반드시 Stopper 사용
무주수 저속 Drilling 50rpm



Sinus 막 거상 Membrane Lifter

Membrane Lifter를 이용하여 Drill Hole 안으로 식염수를 주입.

Caution

주입량은 압력이 가해지기 전의 약 0.2cc~0.5cc는 제외하고 압력이 느껴질 때 부터 측정

※ 압력이 가해지기 전 주입량은 골의 높이 및 확장량에 따라 다를 수 있으며

Sinus 막 거상 높이 1mm 기준, 0.1cc 주입

Caution

상악동 하연(A) 개통 잘 된 경우

식염수 주입 시 압력이 느껴지면 막이 거상되면서 압력이 떨어지고 식염수가 주입 됨

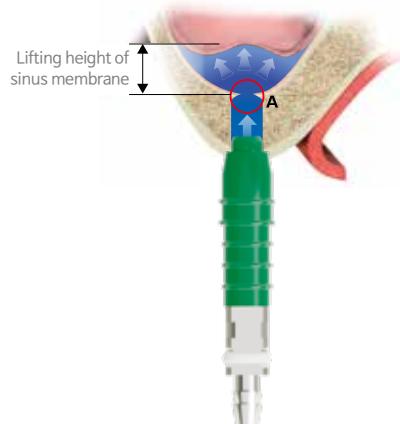
상악동 하연(A) 개통 안 된 경우

식염수 주입 시 압력이 느껴진 후 더이상 압력을 가할 수 없거나 노즐이 밀려 나옴

→ Sinus Drill을 1mm 더 깊게 Drilling 후 재시도

노즐을 Hole에 그대로 유지한 상태로 식염수 Aspiration

주입된 식염수가 혈액과 섞여 Aspiration 된 후 음압이 잡히면 막이 온전하게 거상됨



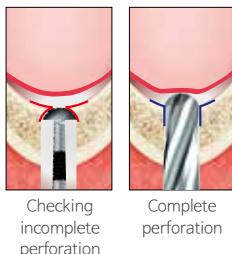
Surgical Protocol

상악동 하연 개통 확대 Sinus Drill(2차)

상악동 막을 거상시킨 후 Sinus Drill을 1mm 더 깊게 Drilling하여 상악동 하연 개통된 입구를 확대

Caution

깊이 조절을 위해 반드시 Stopper 사용



골이식재 주입 Bone Condenser

Bone condenser를 이용하여 골이식재를 Drill Hole을 통해 상악동 내부까지 밀어 넣음

Caution

깊이 조절은 반드시 Stopper를 사용
무주수 저속 Drilling 50rpm

Caution

골이식재의 부피 결정

| Lifting height of the sinus membrane (mm) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gore graft | If implant is placed | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| GBR (cc) | 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 |



골이식재 분산

Depth Gauge를 상악동 내부에 넣고 회전시켜
골이식재를 골고루 분산 시킴

Final Drilling Final Drill

앞서 사용한 Sinus Drill의 깊이보다 2mm 더 깊게 Drilling

Caution

식립 Implant 보다 짧은 Drill 사용



상악동 하연 개통 확대 Sinus Drill(2차)

상악동 내에 진입한 Implant가 골이식재를 밀어내면서 골이식재를 분산시키고
이때 잔존골의 양이 4mm 이상인 경우에는 양호한 초기 고정력을 얻을 수 있으며
또한 Implant 즉시식립과 함께 임시보철을 수복할 수 있음

Caution

잔존 골량이 3mm 이하로 매우 얕으면서 Implant 초기 고정이
잡히지 않을 경우 Implant를 동시에 식립하지 않고 상악동 골이식만 시행





www.dio.co.kr

디오임플란트 | 부산광역시 해운대구 센텀서로 66 | 대표번호 051-745-7777 | www.dio.co.kr

강남·강서지점 02-2268-2850

인천지점 032-515-2878

대구지점 053-321-2806

강북·일산지점 02-2274-2850

경기지점 031-244-2885

울산지점 052-256-2177

대전·충청지점 042-255-2804

강원지점 033-765-2809

경남지점 055-267-5229

광주·제주지점 062-384-2822

전주지점 063-244-9654

부산지점 051-745-7810