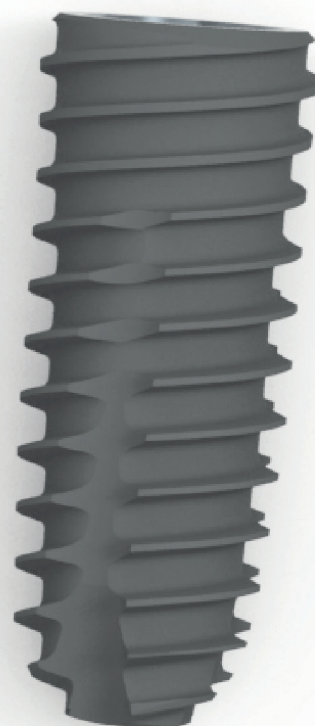


CORE1 IMPLANT SYSTEM

A Proven CORE Implant System
for Digital Implant Solution



CYBER1ED

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Fixture Features

Fixture Specifications

CORE1 Fixture

CORE1 **Fixture**

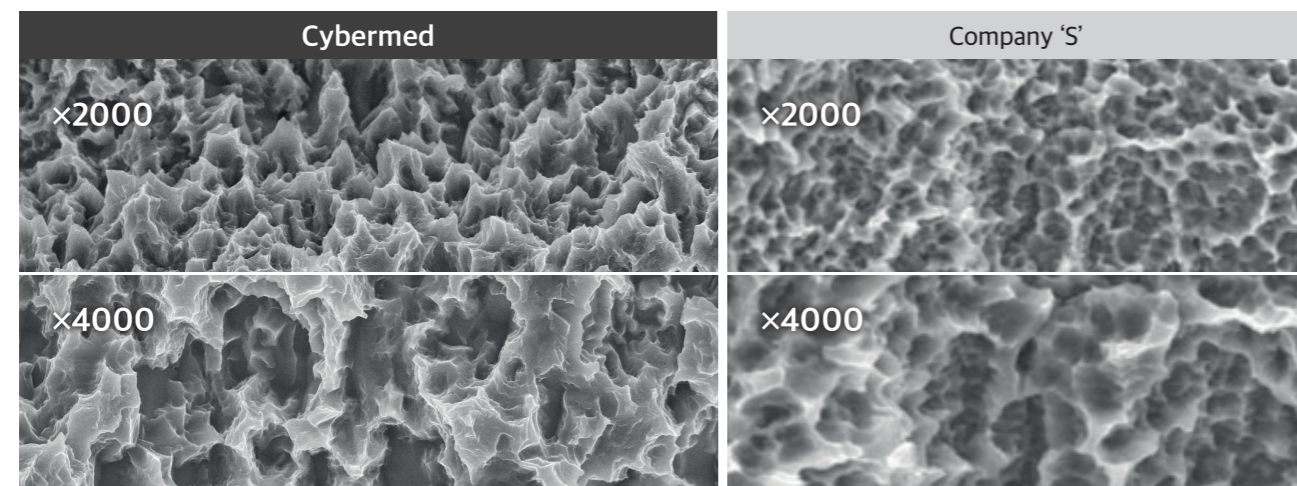
Fixture Features

Surface Treatment

The ideal surface treatment technique, CORE1 SLA Surface allows immediate loading after implant placement.

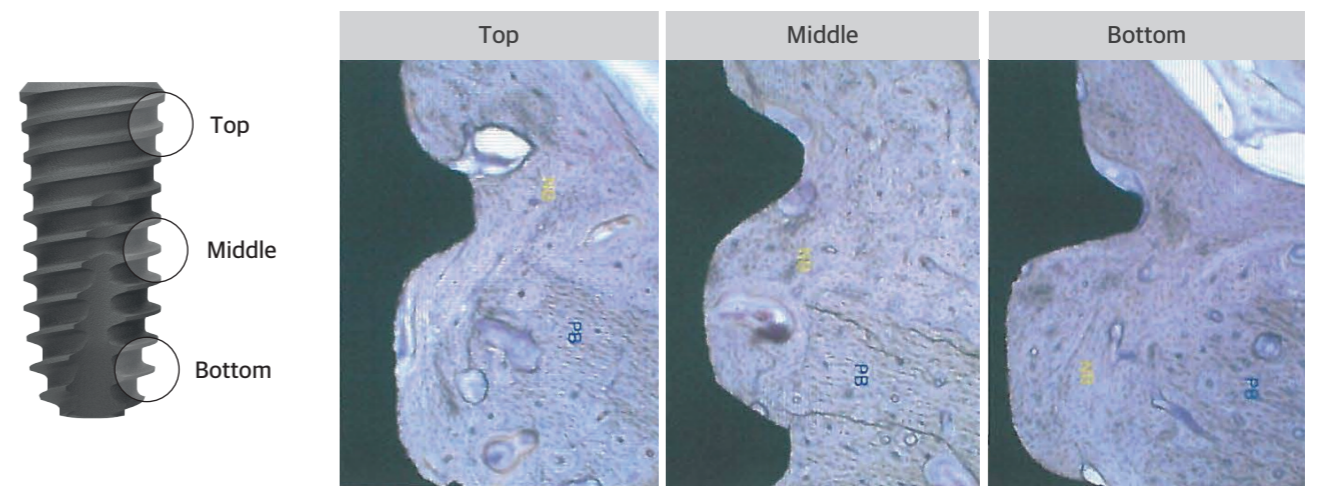
SEM Test

Uniform micro-pit of 1 to 3µm



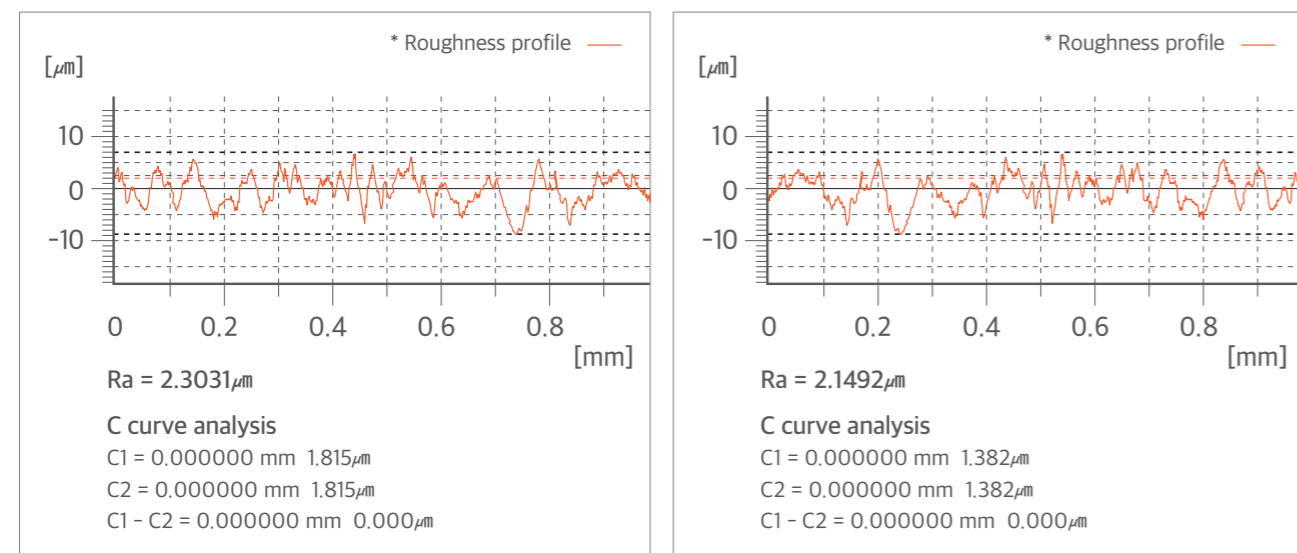
BIC Test

10 weeks tissue testing shows more than average BIC 90% of osseointegration



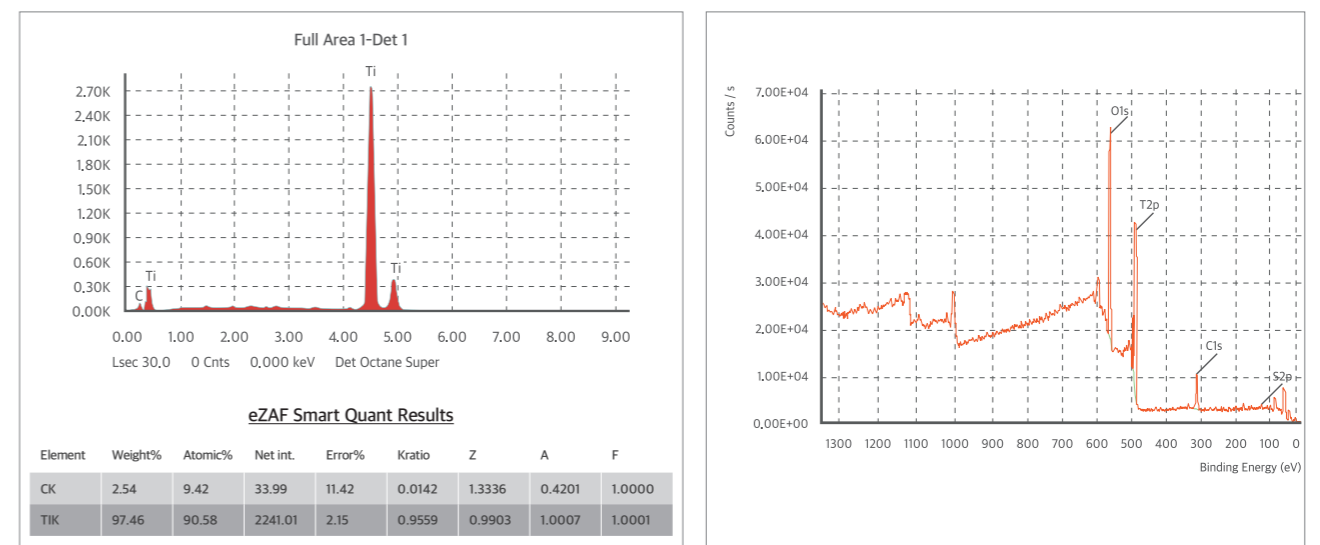
Surface Roughness

Ra 2.0 to 2.5µm roughness



EDS Test

No other substances than titanium are found on the implant surface

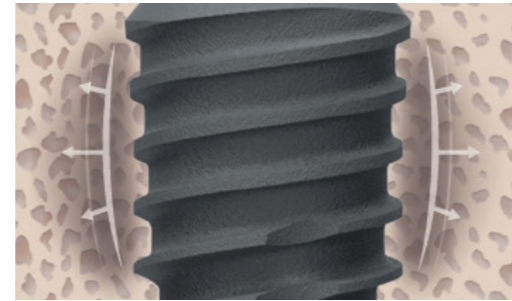


Fixture Features

Design Features

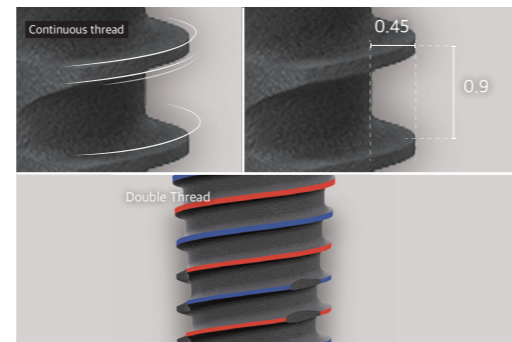
01. Immediate Placement & Loading

- Design, material and surface treatment all promote fast and effective osseointegration and initial stability which enables immediate loading
- During placement, the tapered top shape and compact thread enable excellent primary stability.
- The Open Thread minimizes placement resistance and prevents absorption of adjacent bones



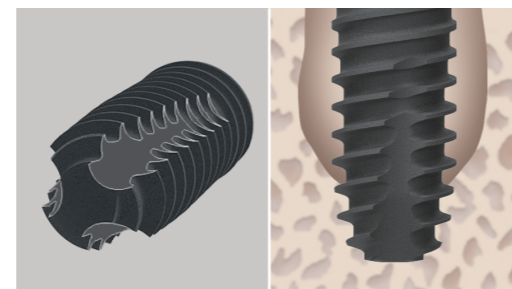
02. Smooth and accurate placement

- During implant placement, the continuous thread in the Straight Body section ensures smooth placement with minimal resistance
- Easy depth control during placement
- Excellent self-threading while preserving existing bone and creative maximum space for new bone to grow.
- Compact and Sharp Double Thread(Pitch 0.9, Depth 0.45)



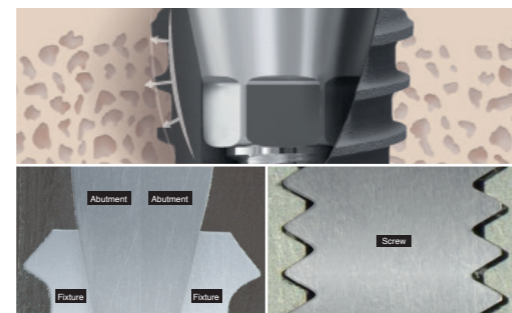
03. High placement stability even in socket

- The 3-blade cutting edge and self-threading effect ensures high stability in the bottom section due to secure anchorage of fixture in socket.

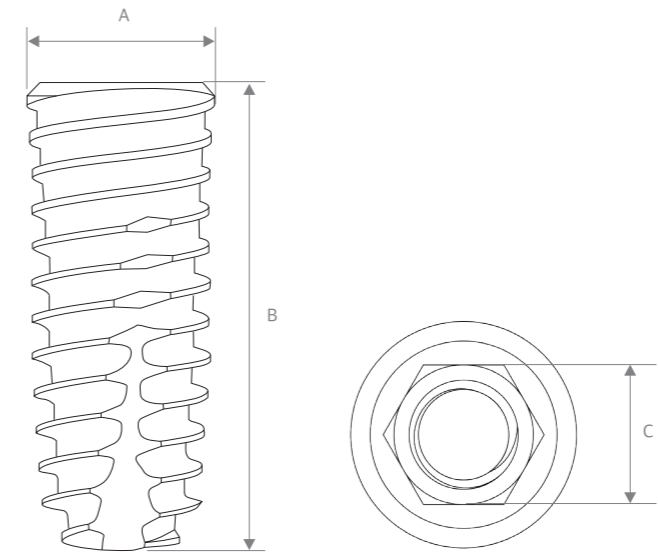


04. Ensures long-term stability

- Disperses weight distribution during mastication in order to prevent marginal bone loss
- Internal Tapered Connection's stress dispersal effect maintains the prosthesis' stability
- Superior precision and suitability is secured through detailed manufacturing in order to maintain prosthesis' stability




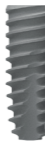




Fixture Specifications



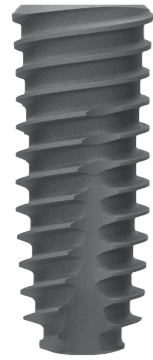
A Actual Diameter

B Length

C Hex(Hexagonal)

Fixture						
Nominal Diameter	3.0	3.5	4.0	4.5	5.0	6.0
A	3.3	3.8	4.35	4.65	5.0	6.0
B	8.5 / 10.0 / 11.5 / 13.0		7.0 / 8.5 / 10.0 / 11.5 / 13.0			7.0 / 8.5 / 10.0 / 11.5
C	2.1		2.5			

CORE1 Fixture



- High initial stability in top taper section
- Sharp thread resulting in smooth placement effect
- Internal Hex, 11° Taper, Submerged
- Effective & Excellent Osseointegration by SLA surface
- Packing : Fixture
- Order Code :
Fixture Only : Model Name(ex : C1R4010)

Regular

Model Name	Connection	Length	ND	AD	Sample Image
C1R4007	R	7	4.0	4.35	
C1R4008	R	8.5	4.0	4.35	
C1R4010	R	10	4.0	4.35	
C1R4011	R	11.5	4.0	4.35	
C1R4013	R	13	4.0	4.35	
C1R4507	R	7	4.5	4.65	
C1R4508	R	8.5	4.5	4.65	
C1R4510	R	10	4.5	4.65	
C1R4511	R	11.5	4.5	4.65	
C1R4513	R	13	4.5	4.65	
C1R5007	R	7	5.0	5.0	
C1R5008	R	8.5	5.0	5.0	
C1R5010	R	10	5.0	5.0	
C1R5011	R	11.5	5.0	5.0	
C1R5013	R	13	5.0	5.0	

Mini

* M : Mini R : Regular W : Wide * ND : Nominal Diameter * AD : Actual Diameter

Model Name	Connection	Length	ND	AD	Sample Image
C1M3008	M	8.5	3	3.3	
C1M3010	M	10	3	3.3	
C1M3011	M	11.5	3	3.3	
C1M3013	M	13	3	3.3	
C1M3508	M	8.5	3.5	3.8	
C1M3510	M	10	3.5	3.8	
C1M3511	M	11.5	3.5	3.8	
C1M3513	M	13	3.5	3.8	

Wide

Model Name	Connection	Length	ND	AD	Sample Image
C1W6007	W	7	6.0	6.0	
C1W6008	W	8.5	6.0	6.0	
C1W6010	W	10	6.0	6.0	
C1W6011	W	11.5	6.0	6.0	

- CORE1 Abutment Systems
- CORE1 Abutment
- Prosthetic Flow
- Digital Prosthetic Flow
- Cover Screw
- Healing Abutment
- Healing Abutment(Scan)
- Pick-up Impression Coping
- Transfer Impression Coping
- Scan Cap
- Lab Analog
- Solid Abutment
- Solid Lab Analog
- Cement Abutment
- Angled Abutment
- Milling Abutment
- Temporary Abutment
- Scan Body
- Custom Block

CORE1 Abutment

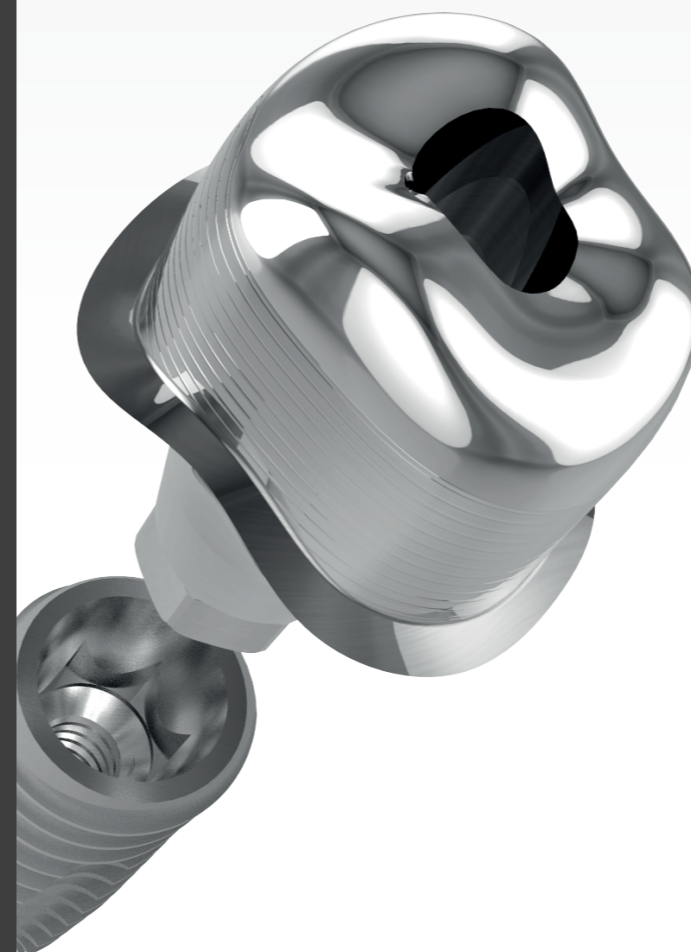
CORE1 Abutment Systems



Components for abutments

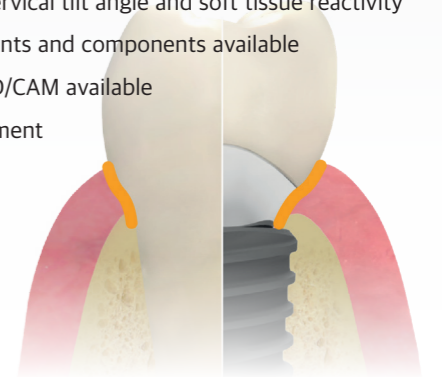


Prefabricated abutments

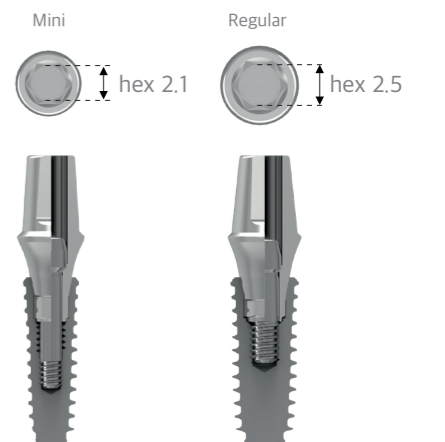


CORE1 Abutment

- Internal hex type ensures high stability in connection
- Platform : Mini & Regular
- Design considering cervical tilt angle and soft tissue reactivity
- Prefabricated abutments and components available
- Custom block for CAD/CAM available
- Patient-specific abutment



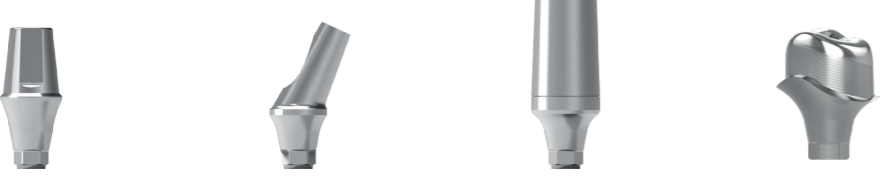



Platform(Internal Hex)

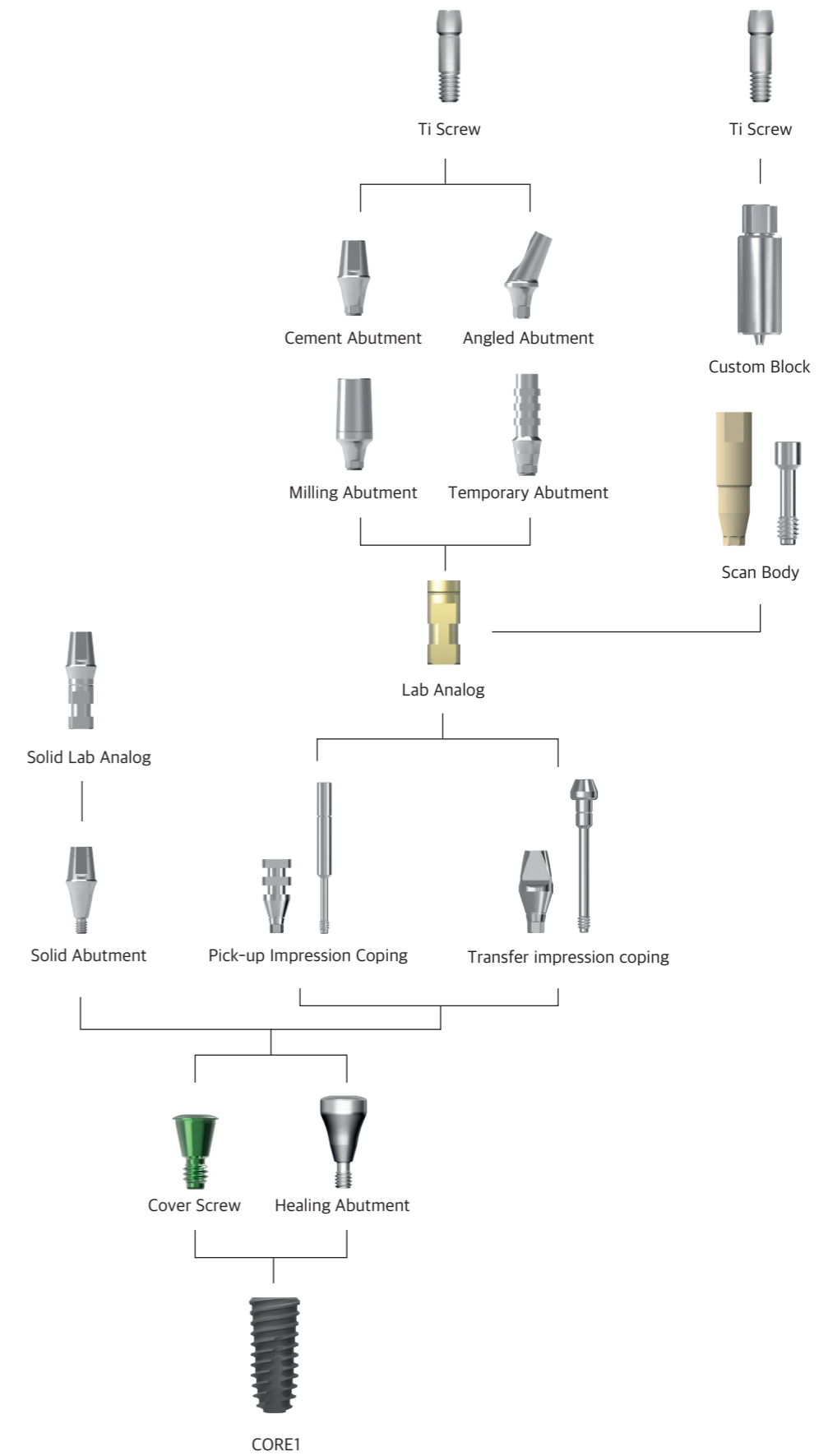


CORE1 Abutment

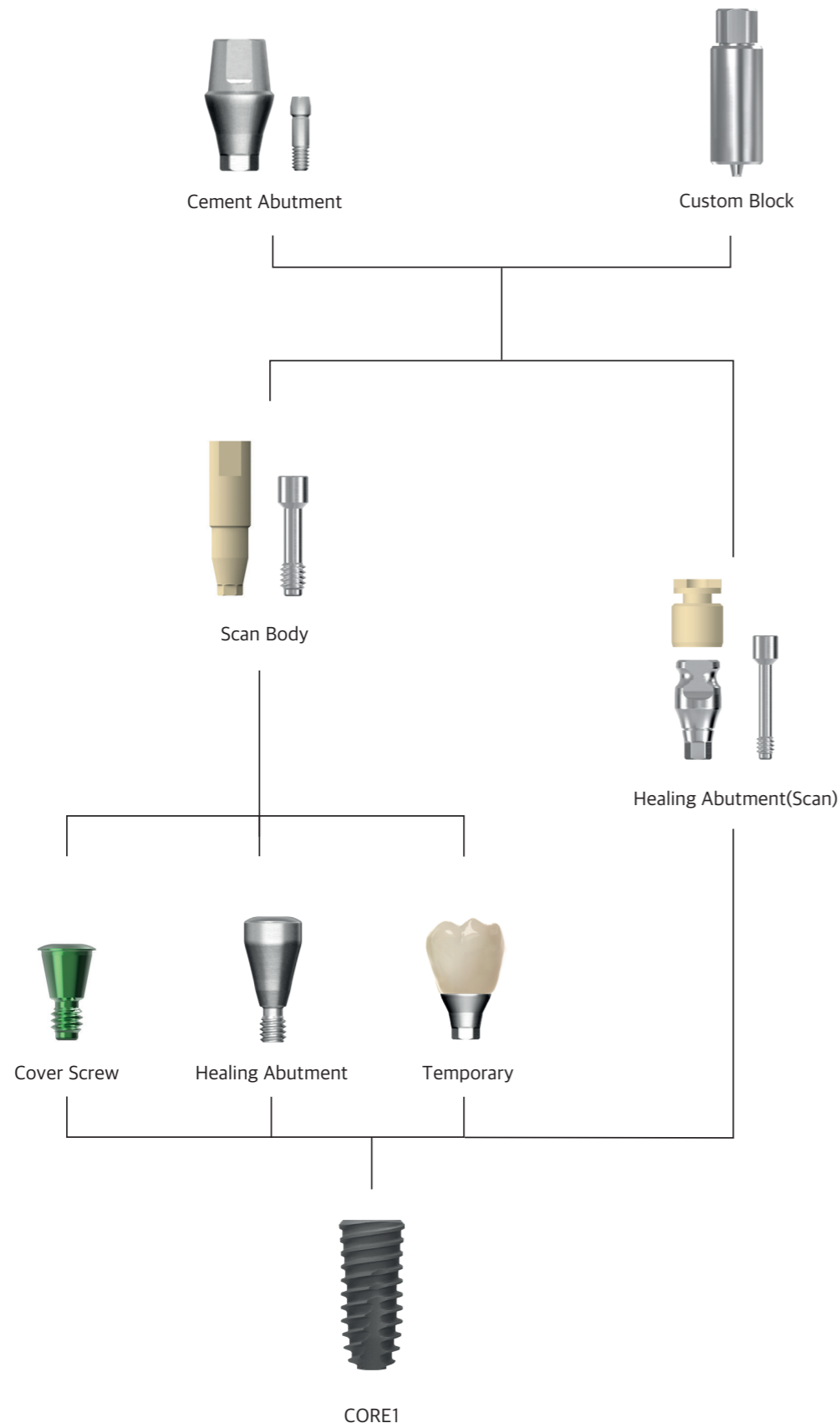
Tightening torque

Type	Mini	Regular
 <p>Cover Screw Healing Abutment Healing Abutment(Scan) Impression Coping</p>	5 ~ 8	
 <p>Solid Abutment</p>	30	
 <p>Cement Abutment Angled Abutment Milling Abutment Custom Abutment</p>	20	30
 <p>Temporary Abutment</p>	20	

Prosthetic Flow



Digital Prosthetic Flow

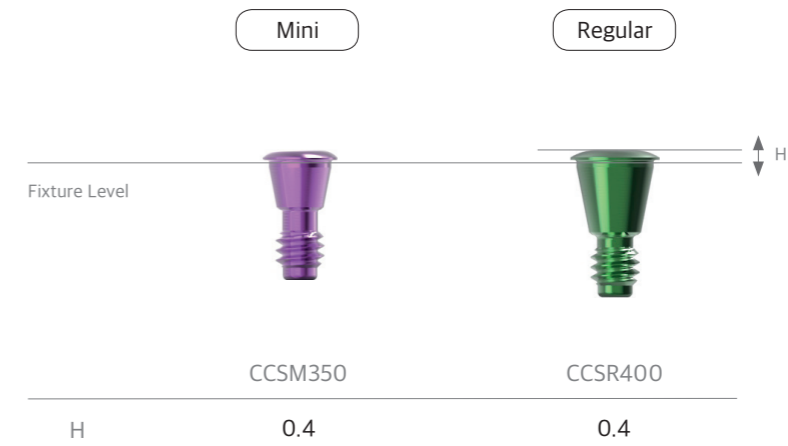


Cover Screw

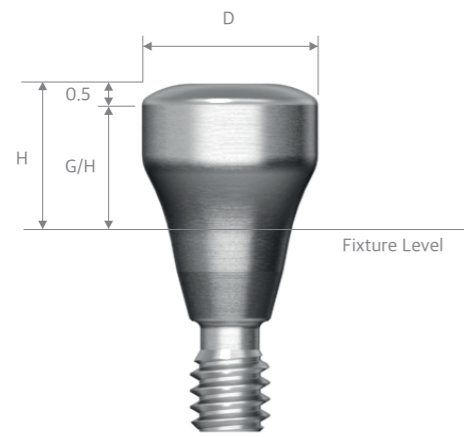


Cover Screw

- Single Use / Mini & Regular Platform
- Tightened torque : Hand tightening(5~8Ncm) with 1.2 Hex driver
- Packing Unit : Cover Screw
- Order Code : Model Name
Mini : CCSM350
Regular : CCSR400



Healing Abutment



Healing Abutment

- Single Use / Mini & Regular Platform
- Choose length according to fixture placement depth and G/H
- Tightened torque : Manual clamp force with 1.2 Hex Driver
- Packing : Healing Abutment
- Order Code : Model Name

Mini

D \ G/H	2.5	3.5	4.5	5.5	8.5
Ø 4.0	CHAM403	CHAM404	CHAM405	CHAM407	CHAM409
Ø 4.5	CHAM453	CHAM454	CHAM455	CHAM457	CHAM459

Sample Image



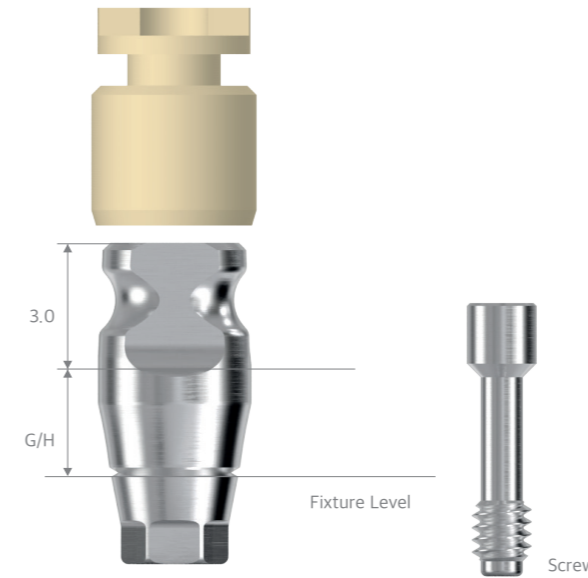
Regular

D \ G/H	2.5	3.5	4.5	6.5	8.5
Ø 4.0	CHAR403	CHAR404	CHAR405	CHAR407	CHAR409
Ø 4.5	CHAR453	CHAR454	CHAR455	CHAR457	CHAR459
Ø 5.0	CHAR503	CHAR504	CHAR505	CHAR507	CHAR509
Ø 6.0	CHAR603	CHAR604	CHAR605	CHAR607	CHAR609

Sample Image



Healing Abutment(Scan)



Healing Abutment(Scan)

- Single Use / Mini & Regular Platform
- Use for fixture level impression-taking / Close tray
- Choose length according to fixture placement depth and G/H
- Tightened torque : Manual clamp force with 1.2 Hex Driver
- Packing : Impression Coping Body + Guide Pin
- Order Code : Model Name + S(ex: CTIHR455S)

Mini

• Abutment Screw : CSHAMS

D \ G/H	3.0	5.0	7.0
Ø 4.0	CTIHM403S	CTIHM405S	CTIHM407S
Ø 4.5	CTIHM453S	CTIHM455S	CTIHM457S

Sample Image



Regular

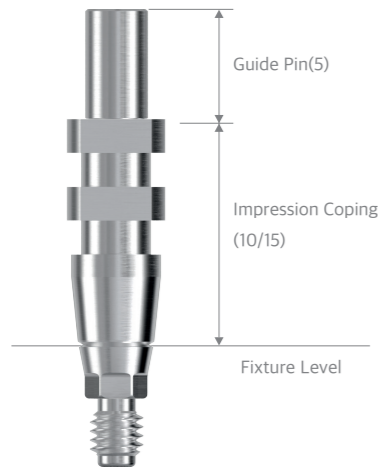
• Abutment Screw : CSHARS

D \ G/H	3.0	5.0	7.0
Ø 4.0	CTIHR403S	CTIHR405S	CTIHR407S
Ø 4.5	CTIHR453S	CTIHR455S	CTIHR457S
Ø 5.0	CTIHR503S	CTIHR505S	CTIHR507S
Ø 6.0	CTIHR603S	CTIHR605S	CTIHR607S

Sample Image



Pick-up Impression Coping



Pick-up Impression Coping

- Single Use / Mini & Regular Platform
- Use for fixture level impression-taking / open tray
- Choose length according to fixture placement depth and G/H
- Tightened torque : Manual clamp force with 1.2 Hex Driver
- Packing Unit : Impression Coping Body + Guide Pin
- Order Code : Model Name + G(ex : CPIHR4510G)

Mini

- Guide Pin : CPGPM100

- Guide Pin : CPGPM150

	HEX	NON-HEX		HEX	NON-HEX	Sample Image
Ø 4.0	CPIHM4010G	CPINM4010G	Ø 4.0	CPIHM4015G	CPINM4015G	
Ø 4.5	CPIHM4510G	CPINM4510G	Ø 4.5	CPIHM4515G	CPINM4515G	

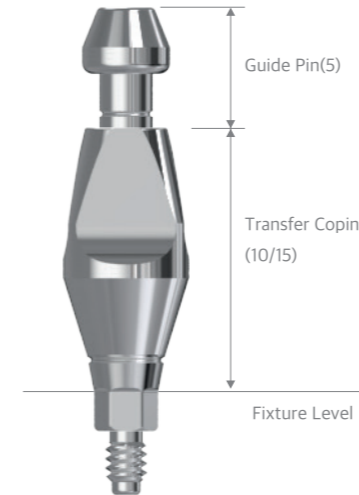
Regular

- Guide Pin : CPGPR100

- Guide Pin : CPGPR150

	HEX	NON-HEX		HEX	NON-HEX	Sample Image
Ø 4.0	CPIHR4010G	CPINR4010G	Ø 4.0	CPIHR4015G	CPINR4015G	
Ø 4.5	CPIHR4510G	CPINR4510G	Ø 4.5	CPIHR4515G	CPINR4515G	
Ø 5.0	CPIHR5010G	CPINR5010G	Ø 5.0	CPIHR5015G	CPINR5015G	
Ø 6.0	CPIHR6010G	CPINR6010G	Ø 6.0	CPIHR6015G	CPINR6015G	

Transfer Impression Coping



Transfer Impression Coping

- Single Use / Mini & Regular Platform
- Use for fixture level impression-taking / Close Tray
- Choose height base on fixture placement's depth
- Tightened torque : Manual clamp force with 1.2 Hex Driver
- Packing Unit : Transfer Coping Body + Guide Pin
- Order Code : Model Name + G(ex : CTIHM455G)

Mini

- Guide Pin : CTGPM40S

- Guide Pin : CTGPM40L

	HEX	NON-HEX		HEX	NON-HEX	Sample Image
Ø 4.0	CTIHM40S	CTINM40S	Ø 4.0	CTIHM40L	CTINM40L	
Ø 4.5	CTIHM45S	CTINM45S	Ø 4.5	CTIHM45L	CTINM45L	

Hex Non-Hex
One body

Regular

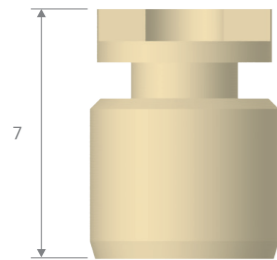
- Guide Pin : CTGPR40S

- Guide Pin : CTGPR40L

	HEX	NON-HEX		HEX	NON-HEX	Sample Image
Ø 4.0	CTIHR40S	CTINR40S	Ø 4.0	CTIHR40L	CTINR40L	
Ø 4.5	CTIHR45S	CTINR45S	Ø 4.5	CTIHR45L	CTINR45L	
Ø 5.0	CTIHR50S	CTINR50S	Ø 5.0	CTIHR50L	CTINR50L	
Ø 6.0	CTIHR60S	CTINR60S	Ø 6.0	CTIHR60L	CTINR60L	

Hex Non-Hex
One body

Scan Cap



Scan Cap

- Single Use
- Use for fixture level impression-taking / Close tray
- Function ①Snap ②Carrier ③Impression Cap ④Scan Cap
- Packing : Impression Coping Carrier
- Order Code : Model Name

Mini / Regular

	Ø 4.0	Ø 4.5	Ø 5.0	Ø 6.0	Sample Image
^D H	CSC400	CSC450	CSC500	CSC600	

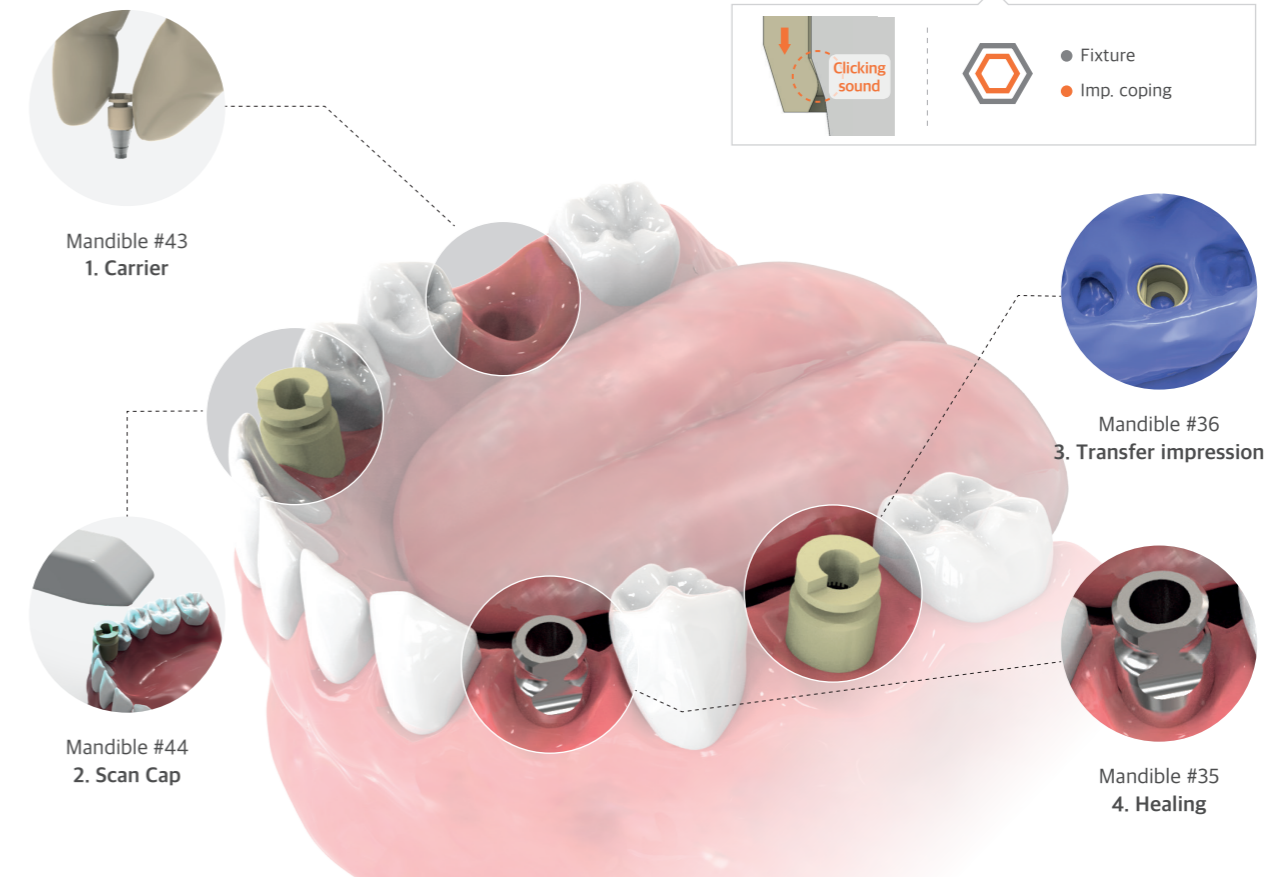
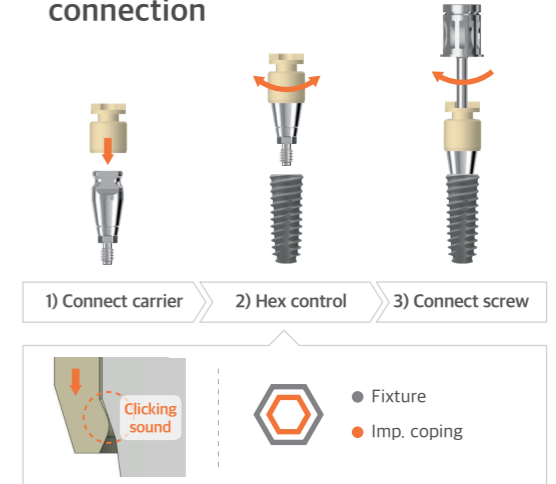


How to use Healing Abutment(Scan)

Characteristics

- Easy to move impression coping and connection
- Digital connectivity with direct oral scan
- Analogue impression taking available
- Can be used as Healing abutment without separation

How to use for intra oral connection



Mandible #43 1. Carrier

- Easy intra oral access with carrier
- Hex control available
- 1.2 Hex driver can be used without separation

Mandible #44 2. Scan Cap

- Oral scan available without light reflection
- Mering point in CAD is located at the top to facilitate the scanning
- Digital connectivity using Library

Mandible #36 3. Transfer impression

- Taking transfer type impression is available
- High accuracy
- Simple combine

Mandible #35 4. Healing

- Can be used for healing without separation after taking impression
- Optimal gingiva region shape
- Temporary Crown can be applied if necessary

Lab Analog



Lab Analog

- Single Use / Mini & Regular Platform
- Use for model manufacturing after taking fixture level impression
- Packing Unit : Lab Analog
- Order Code : Model Name

Mini

CLA30

CLA35

Regular

CLA40



Solid Lab Analog



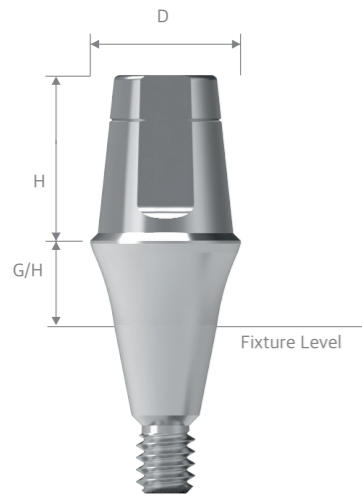
Solid Lab Analog

- Single Use
- Use identical specification(Diameter / Height) with Solid Abutment
- Use for model manufacturing after taking fixture level impression
- Packing unit : Lab Analog
- Order code : Product code(ex : CSALA456)

Mini / Regular

D	G/H			Sample Image
	4.0	5.5	7.0	
Ø 4.0	CSALA404	CSALA406	CSALA407	
Ø 4.5	CSALA454	CSALA456	CSALA457	
Ø 5.0	CSALA504	CSALA506	CSALA507	
Ø 6.0	CSALA604	CSALA606	CSALA607	

Solid Abutment



Solid Abutment

- Single Use / Mini & Regular Platform
- For manufacturing Cement type prosthetics
- Choose length according to fixture placement location, depth, G/H and antagonistic
- Tightened torque : 30Ncm(Mini/Regular)
- Packing unit : Abutment
- Order code : Product code(ex : CSAR4563)

Regular

		Ø 4.0				
		G/H				
H	G/H	1.0	2.0	3.0	4.0	5.0
4.0		CSAR4041	CSAR4042	CSAR4043	CSAR4044	CSAR4045
5.5		CSAR4061	CSAR4062	CSAR4063	CSAR4064	CSAR4065
7.0		CSAR4071	CSAR4072	CSAR4073	CSAR4074	CSAR4075

Sample Image



		Ø 4.5				
		G/H				
H	G/H	1.0	2.0	3.0	4.0	5.0
4.0		CSAR4541	CSAR4542	CSAR4543	CSAR4544	CSAR4545
5.5		CSAR4561	CSAR4562	CSAR4563	CSAR4564	CSAR4565
7.0		CSAR4571	CSAR4572	CSAR4573	CSAR4574	CSAR4575

Sample Image



Mini

		Ø 4.0				
		G/H				
H	G/H	1.0	2.0	3.0	4.0	5.0
5.5		CSAM4061	CSAM4062	CSAM4063	CSAM4064	CSAM4065
7.0		CSAM4071	CSAM4072	CSAM4073	CSAM4074	CSAM4075

Sample Image



		Ø 4.5				
		G/H				
H	G/H	1.0	2.0	3.0	4.0	5.0
5.5		CSAM4561	CSAM4562	CSAM4563	CSAM4564	CSAM4565
7.0		CSAM4571	CSAM4572	CSAM4573	CSAM4574	CSAM4575

Sample Image



		Ø 5.0				
		G/H				
H	G/H	1.0	2.0	3.0	4.0	5.0
4.0		CSAR5041	CSAR5042	CSAR5043	CSAR5044	CSAR5045
5.5		CSAR5061	CSAR5062	CSAR5063	CSAR5064	CSAR5065
7.0		CSAR5071	CSAR5072	CSAR5073	CSAR5074	CSAR5075

Sample Image

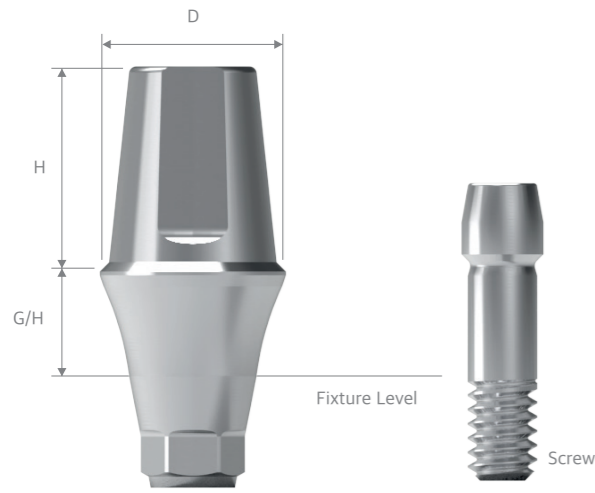


		Ø 6.0				
		G/H				
H	G/H	1.0	2.0	3.0	4.0	5.0
4.0		CSAR6041	CSAR6042	CSAR6043	CSAR6044	CSAR6045
5.5		CSAR6061	CSAR6062	CSAR6063	CSAR6064	CSAR6065
7.0		CSAR6071	CSAR6072	CSAR6073	CSAR6074	CSAR6075

Sample Image



Cement Abutment



Cement Abutment

- Single Use / Mini & Regular Platform
- Cement / SCRP type for prosthesis use
- Choose length according to fixture placement depth, G/H and antagonist
- Tightened torque : 20Ncm(Mini) / 30Ncm(Regular)
- Packing Unit : Cement Abutment + Screw
- Order Code : Model Name + S(ex : CCAHR4563ES)

Regular

• Abutment Screw : CASR20

		Ø 4.5 HEX				
G/H	H	1.0	2.0	3.0	4.0	5.0
5.5		CCAHR4561ES	CCAHR4562ES	CCAHR4563ES	CCAHR4564ES	CCAHR4565ES
7.0		CCAHR4571ES	CCAHR4572ES	CCAHR4573ES	CCAHR4574ES	CCAHR4575ES
		Ø 4.5 NON-HEX				
G/H	H	1.0	2.0	3.0	4.0	5.0
5.5		CCANR4561ES	CCANR4562ES	CCANR4563ES	CCANR4564ES	CCANR4565ES
7.0		CCANR4571ES	CCANR4572ES	CCANR4573ES	CCANR4574ES	CCANR4575ES

Sample Image



Mini

• Abutment Screw : CASM16

		Ø 4.0 HEX				
G/H	H	1.0	2.0	3.0	4.0	5.0
5.5		CCAHM4061ES	CCAHM4062ES	CCAHM4063ES	CCAHM4064ES	CCAHM4065ES
7.0		CCAHM4071ES	CCAHM4072ES	CCAHM4073ES	CCAHM4074ES	CCAHM4075ES
		Ø 4.0 NON-HEX				
G/H	H	1.0	2.0	3.0	4.0	5.0
5.5		CCANM4061S	CCANM4062S	CCANM4063S	CCANM4064S	CCANM4065S
7.0		CCANM4071S	CCANM4072S	CCANM4073S	CCANM4074S	CCANM4075S

Sample Image



		Ø 4.5 HEX				
G/H	H	1.0	2.0	3.0	4.0	5.0
5.5		CCAHM4561ES	CCAHM4562ES	CCAHM4563ES	CCAHM4564ES	CCAHM4565ES
7.0		CCAHM4571ES	CCAHM4572ES	CCAHM4573ES	CCAHM4574ES	CCAHM4575ES
		Ø 4.5 NON-HEX				
G/H	H	1.0	2.0	3.0	4.0	5.0
5.5		CCANM4561S	CCANM4562S	CCANM4563S	CCANM4564S	CCANM4565S
7.0		CCANM4571S	CCANM4572S	CCANM4573S	CCANM4574S	CCANM4575S

Sample Image



		Ø 5.0 HEX				
G/H	H	1.0	2.0	3.0	4.0	5.0
4.0		CCAHR5041ES	CCAHR5042ES	CCAHR5043ES	CCAHR5044ES	CCAHR5045ES
5.5		CCAHR5061ES	CCAHR5062ES	CCAHR5063ES	CCAHR5064ES	CCAHR5065ES
7.0		CCAHR5071ES	CCAHR5072ES	CCAHR5073ES	CCAHR5074ES	CCAHR5075ES
		Ø 5.0 NON-HEX				
G/H	H	1.0	2.0	3.0	4.0	5.0
4.0		CCANR5041ES	CCANR5042ES	CCANR5043ES	CCANR5044ES	CCANR5045ES
5.5		CCANR5061ES	CCANR5062ES	CCANR5063ES	CCANR5064ES	CCANR5065ES
7.0		CCANR5071ES	CCANR5072ES	CCANR5073ES	CCANR5074ES	CCANR5075ES

Sample Image

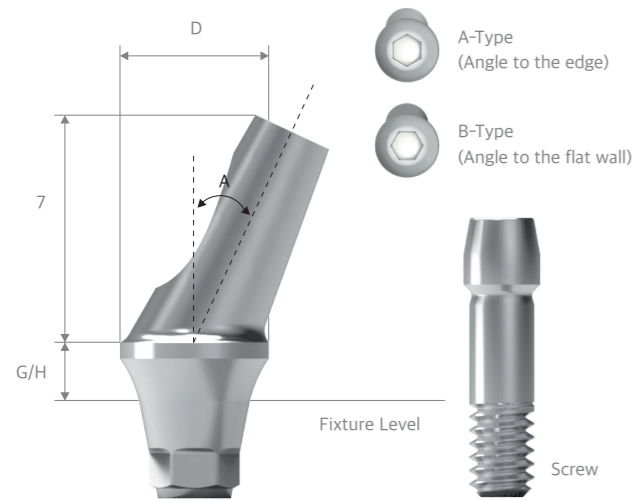


		Ø 6.0 HEX				
G/H	H	1.0	2.0	3.0	4.0	5.0
4.0		CCAHR6041ES	CCAHR6042ES	CCAHR6043ES	CCAHR6044ES	CCAHR6045ES
5.5		CCAHR6061ES	CCAHR6062ES	CCAHR6063ES	CCAHR6064ES	CCAHR6065ES
7.0		CCAHR6071ES	CCAHR6072ES	CCAHR6073ES	CCAHR6074ES	CCAHR6075ES
		Ø 6.0 NON-HEX				
G/H	H	1.0	2.0	3.0	4.0	5.0
4.0		CCANR6041ES	CCANR6042ES	CCANR6043ES	CCANR6044ES	CCANR6045ES
5.5		CCANR6061ES	CCANR6062ES	CCANR6063ES	CCANR6064ES	CCANR6065ES
7.0		CCANR6071ES	CCANR6072ES	CCANR6073ES	CCANR6074ES	CCANR6075ES

Sample Image



Angled Abutment



Angled Abutment

- Single Use / Mini & Regular Platform
- Cement / SCRP type, prosthesis manufacturing
- Choose length according to fixture placement location, depth, G/H and antagonistic턱
- Tightened torque : 20Ncm(Mini)/30Ncm(Regular)
- Packing Unit : Abutment + Screw
- Order Code : Product code(ex : CAA15AR4572ES)

Mini • Abutment Screw : CASM16

A	Ø 4.5			
	15°		25°	
G/H	2	4	2	4
H	2	4	2	4
Hex A	CAA15AM4572ES	CAA15AM4574ES	CAA25AM4572ES	CAA25AM4574ES
Hex B	CAA15BM4572ES	CAA15BM4574ES	CAA25BM4572ES	CAA25BM4574ES
Non-Hex	CAA15NM4572S	CAA15NM4574S	CAA25NM4572S	CAA25NM4574S

Sample Image



Regular • Abutment Screw : CASR20

A	Ø 4.5			
	15°		25°	
G/H	2	4	2	4
H	2	4	2	4
Hex A	CAA15AR4572ES	CAA15AR4574ES	CAA25AR4572ES	CAA25AR4574ES
Hex B	CAA15BR4572ES	CAA15BR4574ES	CAA25BR4572ES	CAA25BR4574ES
Non-Hex	CAA15NR4572ES	CAA15NR4574ES	CAA25NR4572ES	CAA25NR4574ES

Sample Image

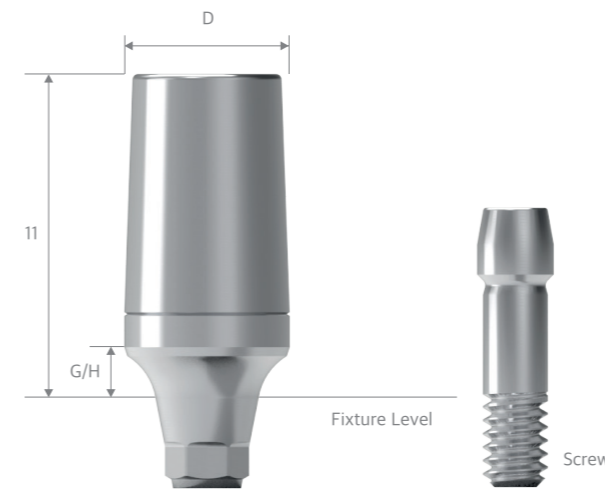


A	Ø 5.5			
	15°		25°	
G/H	2	4	2	4
H	2	4	2	4
Hex A	CAA15AR5572ES	CAA15AR5574ES	CAA25AR5572ES	CAA25AR5574ES
Hex B	CAA15BR5572ES	CAA15BR5574ES	CAA25BR5572ES	CAA25BR5574ES
Non-Hex	CAA15NR5572ES	CAA15NR5574ES	CAA25NR5572ES	CAA25NR5574ES

Sample Image



Milling Abutment



Miling Abutment

- Single Use / Mini & Regular Platform
- Cement / SCRP type, prosthesis manufacturing
- Use after modifying abutment's shape by grinding
- Tightened torque : 20Ncm(Mini)/30Ncm(Regular)
- Packing Unit : Abutment + Screw
- Order Code : Product code(ex : CMAHR4582ES)

Mini • Abutment Screw : CASM16

G/H	Ø 4.5	
	2	4
H	2	4
Hex A	CMAHM4582ES	CMAHM4564ES
Non-Hex	CMANM4582S	CMANM4564S

Sample Image



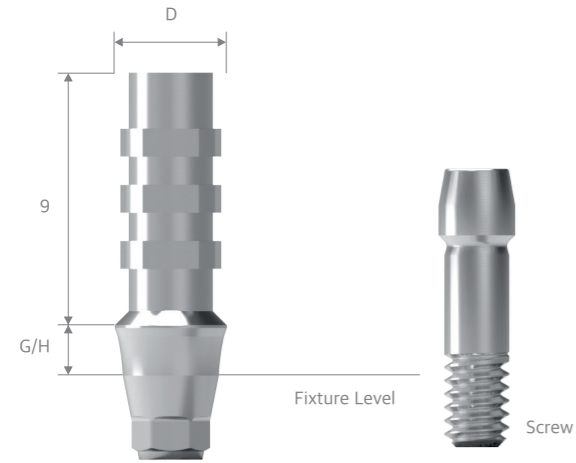
Regular • Abutment Screw : CASR20

G/H	Ø 4.5		Ø 5.5	
	2	4	2	4
H	2	4	2	4
Hex A	CMAHR4582ES	CMAHR4564ES	CMAHR5582ES	CMAHR5564ES
Non-Hex	CMANR4582ES	CMANR4564ES	CMANR5582ES	CMANR5564ES

Sample Image



Temporary Abutment



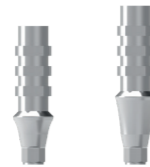
Temporary Abutment

- Single Use / Mini & Regular Platform
- Use for cement / SCREW / SCRIP type, temporary prosthesis manufacturing
- Eliminate and use as needed
- Tightened torque : 20Ncm(Mini/Regular)
- Packing Unit : Abutment + Screw
- Order Code : Product code(ex : CTAHR4092ES)

Mini • Abutment Screw : CASM16

	Ø 4.0	
G/H	2	4
H		
Hex A	CTAHM4092ES	CTAHM4094ES
Non-Hex	CTANM4092S	CTANM4094S

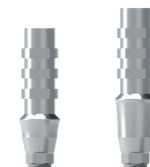
Sample Image



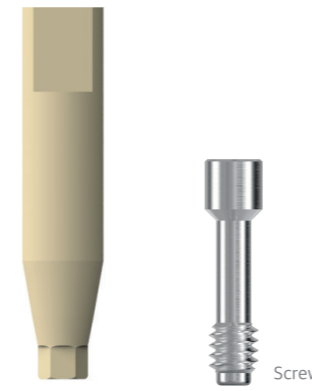
Regular • Abutment Screw : CASR20

	Ø 4.0	
G/H	2	4
H		
Hex A	CTAHR4092ES	CTAHR4094ES
Non-Hex	CTANR4092ES	CTANR4094ES

Sample Image



Scan Body

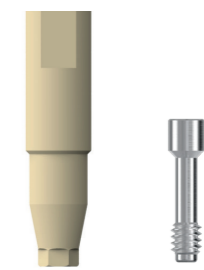
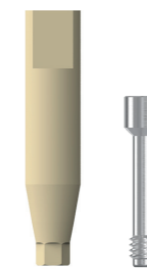


Scan Body

- Single Use / Mini & Regular Platform
- Use for manufacturing of CAD / CAM abutment
- Tightened torque : Hand tightening(5~8Ncm) with 1.2 Hex driver
- Packing Unit : Scan Body + Screw
- Order Code : Model Name + S(ex:CSBRS)

Mini CSBMS

Regular CSBRS



• Abutment Screw : CTIHMS
(Identical with Healing Abutment(Scan)'s screw)

• Abutment Screw : CTIHRS
(Identical with Healing Abutment(Scan)'s screw)

Custom Block

Custom Abutment has been proven to be compatible and stable

Milling Machines

- ARUM®
- Imes-icore®
- Cameleon®
- Manix®

Implant Systems

- Cybermed-CORE1
- Straumann-BL/TL
- Osstem-GS/TS
- Dentium-Implantium/SuperLine
- Neo biotech-IS
- Dio-Steady/UF
- Megagen-AnyOne/AnyRidge

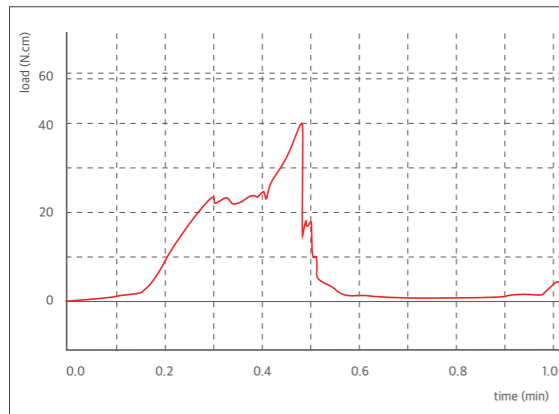


Custom Block

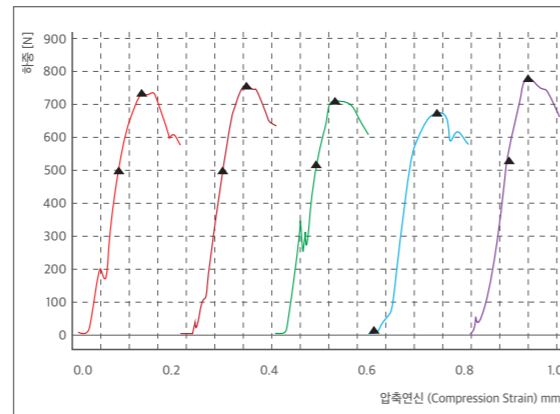
- Single Use / Mini & Regular Platform
- Specialized use according to milling equipment or manufacturer
- Use for manufacturing of CAD / CAM abutment
- Tightened torque : Refer to below chart
- Packing : Custom Block + Screw
- Order Code : Model Name + S(ex : ORCB10HS)



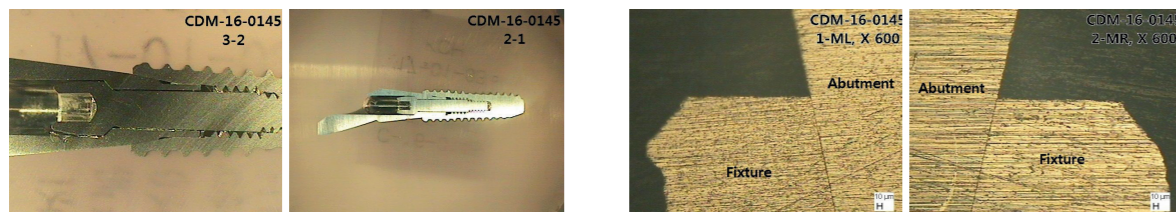
Angle of Rotation Strength



Compressive Strength(Max: 744N)



Adaptation Accuracy



Vertical View



Front

Main Equipment	Manufacturer/ Product Name	Platform	Diameter	HEX	NON-HEX	Screw/ Tightening Torque
Arum 5X-200	Cybermed/CORE1	Mini	Ø 10	OMCB10HS	OMCB10NS	OMS20/20Ncm
			Ø 12	OMCB12HS	OMCB12NS	
	Osstem/TS	Regular	Ø 14	OMCB14HS	OMCB14NS	ORS20/30Ncm
			Ø 10	ORCB10HS	ORCB10NS	
			Ø 12	ORCB12HS	ORCB12NS	
			Ø 14	ORCB14HS	ORCB14NS	
Dentium/SuperLine	Regular	Ø 10	DECB10HS	DECB10NS	DES20/25~30Ncm	
		Ø 12	DECB12HS	DECB12NS		
		Ø 14	DECB14HS	DECB14NS		
		Ø 10	NCB10HS	NCB10NS		NS20/30Ncm
Ø 12	NCB12HS	NCB12NS				
Ø 14	NCB14HS	NCB14NS				
DIO/UF	Narrow	Regular	Ø 10	DINCB10HS	DINCB10NS	DINS14/20Ncm
			Ø 12	DINCB12HS	DINCB12NS	
			Ø 14	DINCB14HS	DINCB14NS	
	Regular	Ø 10	DIRCB10HS	DIRCB10NS	DIRS20/30~35Ncm	
		Ø 12	DIRCB12HS	DIRCB12NS		
		Ø 14	DIRCB14HS	DIRCB14NS		
Megagen/AnyOne	Regular	Regular	Ø 10	MAOCB10HS	MAOCB10NS	MAOS20/35Ncm
			Ø 12	MAOCB12HS	MAOCB12NS	
			Ø 14	MAOCB14HS	MAOCB14NS	
Megagen/AnyRidge	Regular	Regular	Ø 10	MARCB10HS	MARCB10NS	MARS18/35Ncm
			Ø 12	MARCB12HS	MARCB12NS	
			Ø 14	MARCB14HS	MARCB14NS	

	Manufacturer/ Product Name	Platform	Diameter	HEX	NON-HEX	Screw/ Tightening Torque
Main Equipment VATECH / CoRiTEC / 250itouch	Cybermed/CORE1 Osstem/TS	Mini	Ø 10	OMCBV10HS	OMCBV10NS	OMS20/20Ncm
			Ø 12	OMCBV12HS	OMCBV12NS	
			Ø 14	OMCBV14HS	OMCBV14NS	
	Dentium/SuperLine	Regular	Ø 10	ORCBV10HS	ORCBV10NS	ORS20/30Ncm
			Ø 12	ORCBV12HS	ORCBV12NS	
			Ø 14	ORCBV14HS	ORCBV14NS	
			Ø 10	DECBV10HS	DECBV10NS	
	Ø 12	DECBV12HS	DECBV12NS			
	Ø 14	DECBV14HS	DECBV14NS			
	Neo Biotech/IS	Regular	Ø 10	NCBV10HS	NCBV10NS	NS20/30Ncm
			Ø 12	NCBV12HS	NCBV12NS	
			Ø 14	NCBV14HS	NCBV14NS	
	DIO/UF	Narrow	Ø 10	DINCBV10HS	DINCBV10NS	DINS14/20Ncm
			Ø 12	DINCBV12HS	DINCBV12NS	
			Ø 14	DINCBV14HS	DINCBV14NS	
Regular		Ø 10	DIRCBV10HS	DIRCBV10NS	DIRS20/30~35Ncm	
		Ø 12	DIRCBV12HS	DIRCBV12NS		
		Ø 14	DIRCBV14HS	DIRCBV14NS		
Megagen/AnyOne	Regular	Ø 10	MAOCBV10HS	MAOCBV10NS	MAOS20/35Ncm	
		Ø 12	MAOCBV12HS	MAOCBV12NS		
		Ø 14	MAOCBV14HS	MAOCBV14NS		
Megagen/AnyRidge	Regular	Ø 10	MARCBV10HS	MARCBV10NS	MARS18/35Ncm	
		Ø 12	MARCBV12HS	MARCBV12NS		
		Ø 14	MARCBV14HS	MARCBV14NS		



Vertical View



Front

	Manufacturer/ Product Name	Platform	Diameter	HEX	NON-HEX	Screw/ Tightening Torque
Main Equipment Manix MA-4	Cybermed/CORE1 Osstem/TS	Mini	Ø 10	OMCBM10HS	OMCBM10NS	OMS20/20Ncm
			Ø 12	OMCBM12HS	OMCBM12NS	
			Ø 14	OMCBM14HS	OMCBM14NS	
	Dentium/SuperLine	Regular	Ø 10	ORCBM10HS	ORCBM10NS	ORS20/30Ncm
			Ø 12	ORCBM12HS	ORCBM12NS	
			Ø 14	ORCBM14HS	ORCBM14NS	
			Ø 10	DECBM10HS	DECBM10NS	
	Ø 12	DECBM12HS	DECBM12NS			
	Ø 14	DECBM14HS	DECBM14NS			
	Neo Biotech/IS	Regular	Ø 10	NCBM10HS	NCBM10NS	NS20/30Ncm
			Ø 12	NCBM12HS	NCBM12NS	
			Ø 14	NCBM14HS	NCBM14NS	
	DIO/UF	Narrow	Ø 10	DINCBM10HS	DINCBM10NS	DINS14/20Ncm
			Ø 12	DINCBM12HS	DINCBM12NS	
			Ø 14	DINCBM14HS	DINCBM14NS	
Regular		Ø 10	DIRCBM10HS	DIRCBM10NS	DIRS20/30~35Ncm	
		Ø 12	DIRCBM12HS	DIRCBM12NS		
		Ø 14	DIRCBM14HS	DIRCBM14NS		
Megagen/AnyOne	Regular	Ø 10	MAOCBM10HS	MAOCBM10NS	MAOS20/35Ncm	
		Ø 12	MAOCBM12HS	MAOCBM12NS		
		Ø 14	MAOCBM14HS	MAOCBM14NS		
Megagen/AnyRidge	Regular	Ø 10	MARCBM10HS	MARCBM10NS	MARS18/35Ncm	
		Ø 12	MARCBM12HS	MARCBM12NS		
		Ø 14	MARCBM14HS	MARCBM14NS		



Vertical View



Front

	Manufacturer/ Product Name	Platform	Diameter	HEX	NON-HEX	Screw/ Tightening Torque
Main Equipment CAMEleon	Cybermed/CORE1 Osstem/TS	Mini	Ø 10	OMCBB10HS	OMCBB10NS	OMS20/20Ncm
			Ø 12	OMCBB12HS	OMCBB12NS	
			Ø 14	OMCBB14HS	OMCBB14NS	
	Dentium/SuperLine	Regular	Ø 10	ORCBB10HS	ORCBB10NS	ORS20/30Ncm
			Ø 12	ORCBB12HS	ORCBB12NS	
			Ø 14	ORCBB14HS	ORCBB14NS	
			Ø 10	DECBB10HS	DECBB10NS	
	Ø 12	DECBB12HS	DECBB12NS			
	Ø 14	DECBB14HS	DECBB14NS			
	Neo Biotech/IS	Regular	Ø 10	NCBB10HS	NCBB10NS	NS20/30Ncm
			Ø 12	NCBB12HS	NCBB12NS	
			Ø 14	NCBB14HS	NCBB14NS	
	DIO/UF	Narrow	Ø 10	DINCBB10HS	DINCBB10NS	DINS14/20Ncm
			Ø 12	DINCBB12HS	DINCBB12NS	
			Ø 14	DINCBB14HS	DINCBB14NS	
Regular		Ø 10	DIRCBB10HS	DIRCBB10NS	DIRS20/30~35Ncm	
		Ø 12	DIRCBB12HS	DIRCBB12NS		
		Ø 14	DIRCBB14HS	DIRCBB14NS		
Megagen/AnyOne	Regular	Ø 10	MAOCBB10HS	MAOCBB10NS	MAOS20/35Ncm	
		Ø 12	MAOCBB12HS	MAOCBB12NS		
		Ø 14	MAOCBB14HS	MAOCBB14NS		
Megagen/AnyRidge	Regular	Ø 10	MARCBB10HS	MARCBB10NS	MARS18/35Ncm	
		Ø 12	MARCBB12HS	MARCBB12NS		
		Ø 14	MARCBB14HS	MARCBB14NS		

Non - Jig



Vertical View



Front

	Manufacturer/ Product Name	Platform	Diameter	HEX	NON-HEX	Screw/ Tightening Torque
Main Equipment CAMEleon	Cybermed/CORE1 Osstem/TS	Mini	Ø 10	OMCBD10HS	OMCBD10NS	OMS20/20Ncm
			Ø 12	OMCBD12HS	OMCBD12NS	
			Ø 14	OMCBD14HS	OMCBD14NS	
	Dentium/SuperLine	Regular	Ø 10	ORCBD10HS	ORCBD10NS	ORS20/30Ncm
			Ø 12	ORCBD12HS	ORCBD12NS	
			Ø 14	ORCBD14HS	ORCBD14NS	
			Ø 10	DECBD10HS	DECBD10NS	
	Ø 12	DECBD12HS	DECBD12NS			
	Ø 14	DECBD14HS	DECBD14NS			
	Neo Biotech/IS	Regular	Ø 10	NCBD10HS	NCBD10NS	NS20/30Ncm
			Ø 12	NCBD12HS	NCBD12NS	
			Ø 14	NCBD14HS	NCBD14NS	
	DIO/UF	Narrow	Ø 10	DINCBD10HS	DINCBD10NS	DINS14/20Ncm
			Ø 12	DINCBD12HS	DINCBD12NS	
			Ø 14	DINCBD14HS	DINCBD14NS	
Regular		Ø 10	DIRCBD10HS	DIRCBD10NS	DIRS20/30~35Ncm	
		Ø 12	DIRCBD12HS	DIRCBD12NS		
		Ø 14	DIRCBD14HS	DIRCBD14NS		
Megagen/AnyOne	Regular	Ø 10	MAOCBD10HS	MAOCBD10NS	MAOS20/35Ncm	
		Ø 12	MAOCBD12HS	MAOCBD12NS		
		Ø 14	MAOCBD14HS	MAOCBD14NS		
Megagen/AnyRidge	Regular	Ø 10	MARCBD10HS	MARCBD10NS	MARS18/35Ncm	
		Ø 12	MARCBD12HS	MARCBD12NS		
		Ø 14	MARCBD14HS	MARCBD14NS		



Vertical View



Front

More intuitive, More concise

CORE Surgical KIT

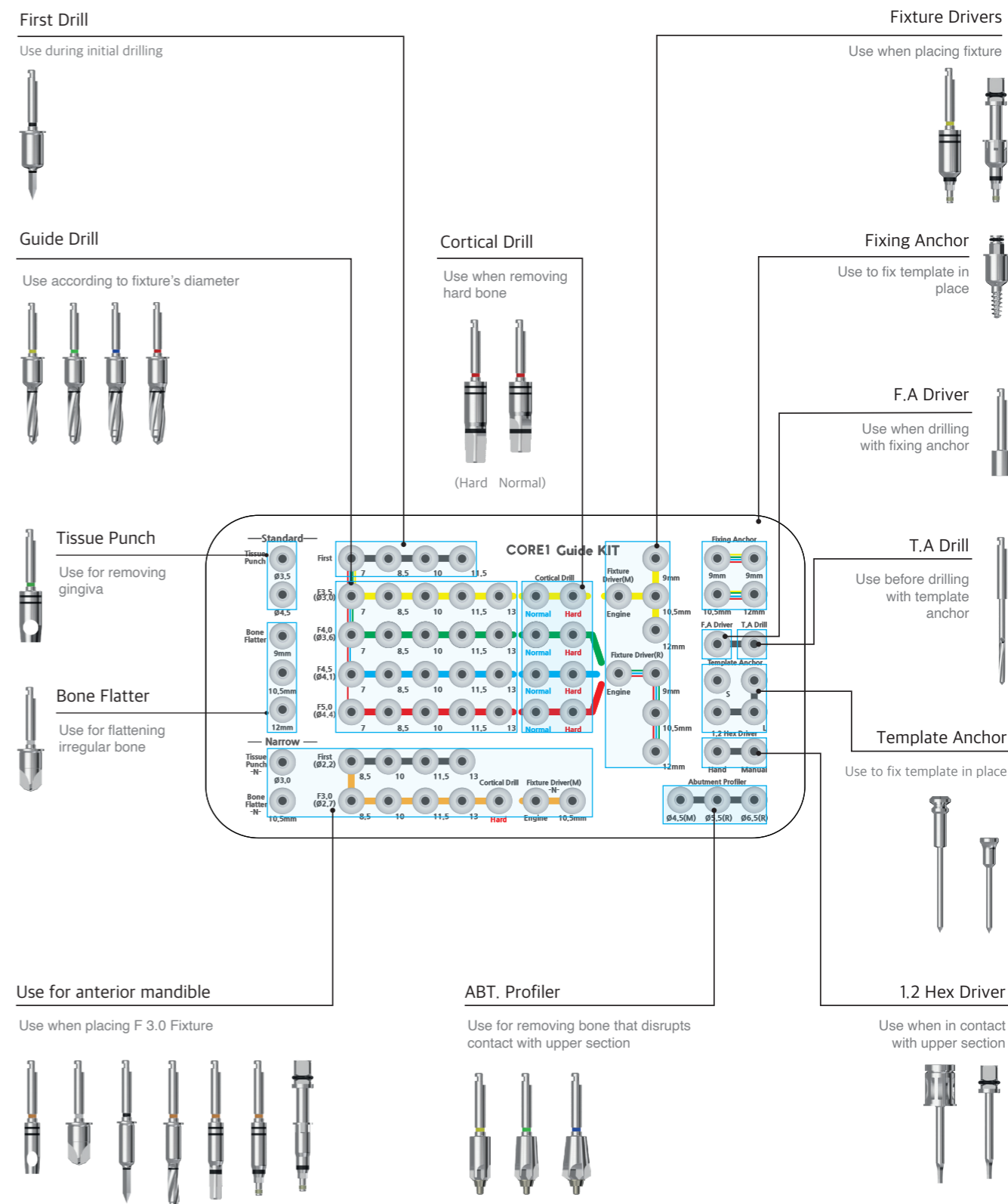
- CORE1 Guide KIT
- CORE Universal Guide KIT
- CORE MASTER KIT(Simple)
- CORE MASTER KIT(Full)



Guide KIT Specifications

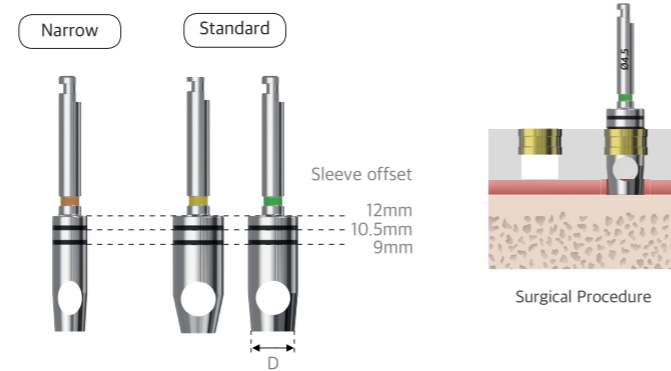
Order Code : CGK

CORE1 Guide KIT



Tissue Punch

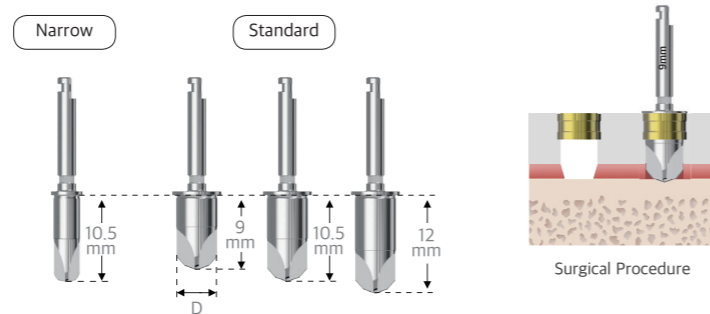
- Use for removing gingiva
- Easy removal of gingiva without forcep
- Adjust the drilling depth according to sleeve offset
- Ø3.0 / Ø3.5 / Ø4.5



Fixture	Mini			Regular	
	● F3.0	● F3.5	● F4.0	● F4.5	● F5.0
Sleeve offset 9~12mm	CGTP30N	CGTP35		CGTP45	
D	Ø3.0	Ø3.5		Ø4.5	

Bone Flatter

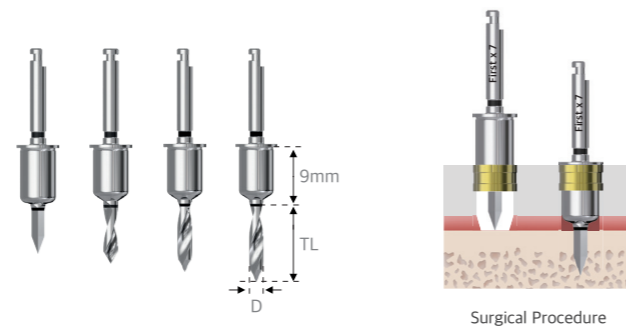
- Use for flattening irregular bone
- Recommended to use before first drilling
- Prevent over depth drilling due to drill stop
- Choose according to sleeve offset
- Ø3.5 / Ø5.0



Fixture		Mini			Regular	
		● F3.0	● F3.5	● F4.0	● F4.5	● F5.0
Sleeve Offset	9mm	-	CGBF5009			
	10.5mm	CGBF3510N	CGBF5010			
	12mm	-	CGBF5012			
D		Ø3.5	Ø5.0			

First Drill

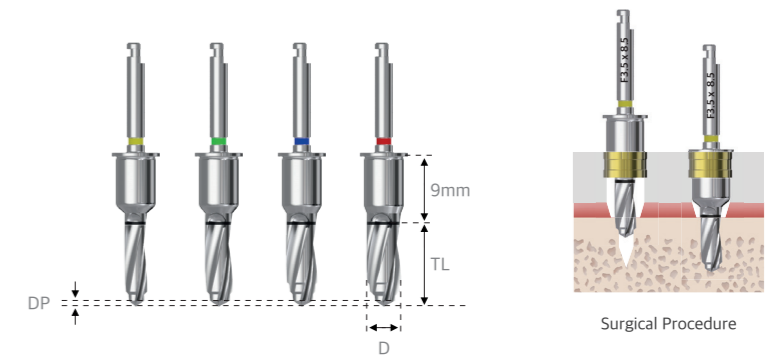
- The first drill to be used
- Designed sharply to prevent slipping in sloping bone



Fixture		Mini			Regular	
		● F3.0	● F3.5	● F4.0	● F4.5	● F5.0
TL	6.5	-	CGFD2207			
	8.5	CGFD2208N	CGFD2208			
	10	CGFD2210N	CGFD2210			
	11.5	CGFD2211N	CGFD2211			
	13	CGFD2213N	-			
D		Ø2.2	Ø2.2			

Guide Drill

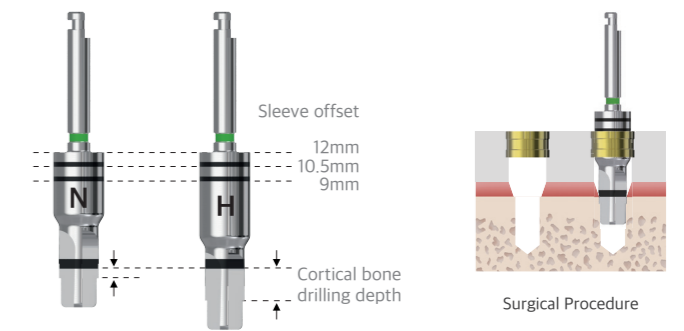
- Superior drilling function
- F3.0/F3.5/F4.0/F4.5/F5.0 can be placed
- Multilevel diameter at drill end is identical with Pre drill diameters
- Laser marking in drill is identical with fixture length



Fixture		Mini			Regular		
		● F3.0	● F3.5	● F4.0	● F4.5	● F5.0	
TL	7 + 0.8	7.8	-	CGGD3507	CGGD4007	CGGD4507	CGGD5007
	8.5 + 0.8	9.3	CGGD3008N	CGGD3508	CGGD4008	CGGD4508	CGGD5008
	10 + 0.8	10.8	CGGD3010N	CGGD3510	CGGD4010	CGGD4510	CGGD5010
	11.5 + 0.8	12.3	CGGD3011N	CGGD3511	CGGD4011	CGGD4511	CGGD5011
13 + 0.8	13.8	CGGD3013N	CGGD3513	CGGD4013	CGGD4513	CGGD5013	
D		Ø2.7	Ø3.0	Ø3.6	Ø4.1	Ø4.4	

Cortical Drill

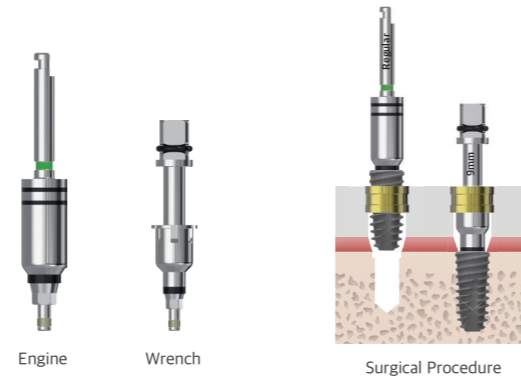
- Use when removing hard bone.
- Types: Normal and Hard
- Adjust drilling depth according to sleeve offset
- Easy to maintain drilling path according to the bottom design



Fixture		Mini			Regular	
		● F3.0	● F3.5	● F4.0	● F4.5	● F5.0
Hard Cortical bone drilling depth : 3~4mm		CGCD30NH	CGCD35H	CGCD40H	CGCD45H	CGCD50H
	Normal Cortical bone drilling depth : 1~1.5mm	-	CGCD35N	CGCD40N	CGCD45N	CGCD50N

Fixture Driver

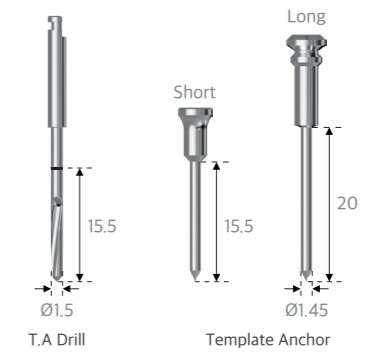
- Use for fixture placement
- Prevent over depth position due to driver stop
- Stable pick-up
- Mini / Regular
- Engine / Wrench



Fixture	Sleeve offset	Mini		Regular		
		F3.0	F3.5	F4.0	F4.5	F5.0
Engine	Sleeve offset 9~12mm	CGFDME		CGFDRE		
Wrench	Sleeve Offset	9mm	CGFDMM09	CGFDRM09		
		10.5mm	CGFDMM10	CGFDRM10		
		12mm	CGFDMM12	CGFDRM12		

Template Anchor Template Anchor Drill(T.A Drill)

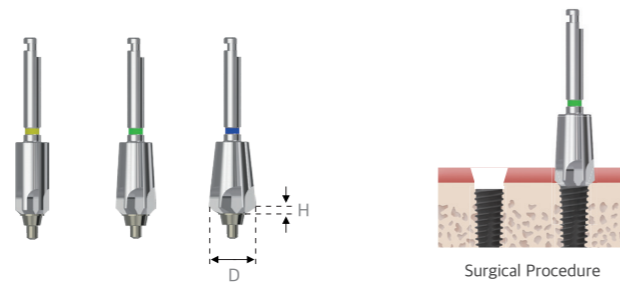
- To fix guide stent in case of edentulous
- T.A Drilling and hand push to tighten



Fixture	T.A Drill	Mini		Regular		
		F3.0	F3.5	F4.0	F4.5	F5.0
		CGTADS				
Template Anchor	Short	CGTAS				
	Long	CGTAL				

Abutment Profiler

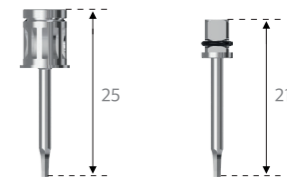
- For adjacent bone removal after placement of fixture (1mm downwards)
- Use after removing guide stent
- Designed to protect fixture platform



Fixture	Abutment Profiler	Mini		Regular		
		F3.0	F3.5	F4.0	F4.5	F5.0
		CAP45M		CAP55R		
	D	Ø4.5		Ø5.5		
	H	0.6		0.85		

1.2 Hex Driver

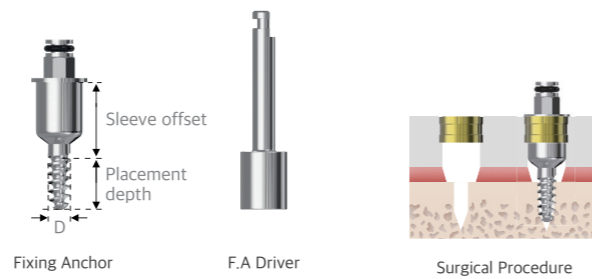
- For Hand / Manual
- For manual, connect with torque wrench



Fixture	1.2 Hex Driver	Mini		Regular		
		F3.0	F3.5	F4.0	F4.5	F5.0
	Hand	C12HDHL				
	Manual	C12HDML				

Fixing Anchor Fixing Anchor Driver(F.A Driver)

- Use to fix guide stent in place
- Use after first drilling
- Use on free end case in posterior region
- Connect with F.A Driver



Fixture	Sleeve Offset	Mini		Regular		
		F3.0	F3.5	F4.0	F4.5	F5.0
	9mm	-		CGFA09		
	10.5mm	-		CGFA10		
	12mm	-		CGFA12		
	D	-		Ø2.6		
	Placement depth	-		5.5mm		

Torque Wrench





- Connect with 1.2 Hex Driver Manual
- Torque applied along the marking line of grip bar



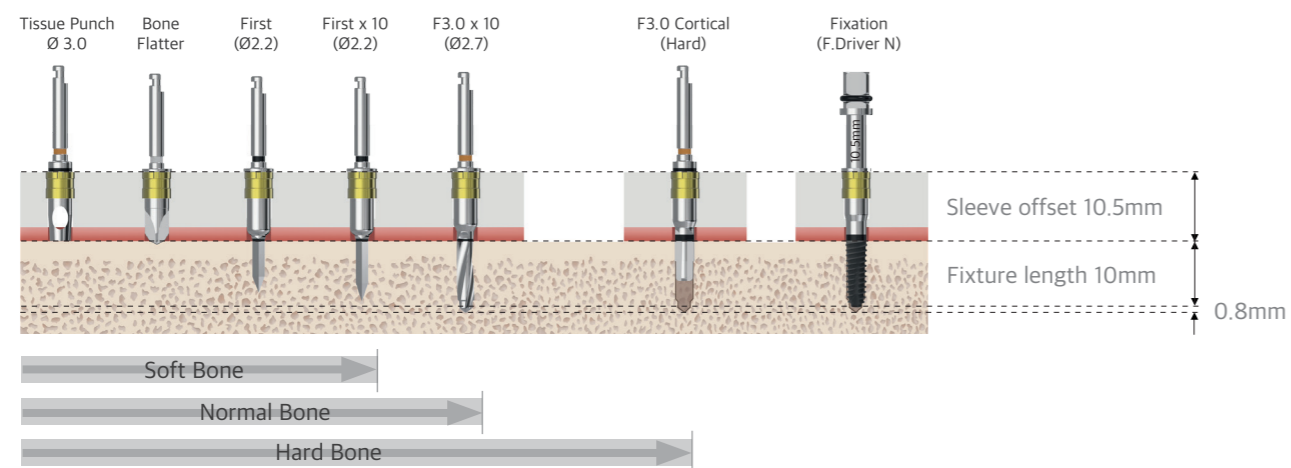
Fixture	Mini		Regular		
	F3.0	F3.5	F4.0	F4.5	F5.0
Torque Wrench	CTW				

Drilling Protocol





Narrow

		First Drill	Guide Drill F 3.0	Cortical Drill Hard
				
 F 3.0	Hard	●	●	●
	Normal	●	●	
	Soft	●		

F 3.0 F 3.0 x 10mm

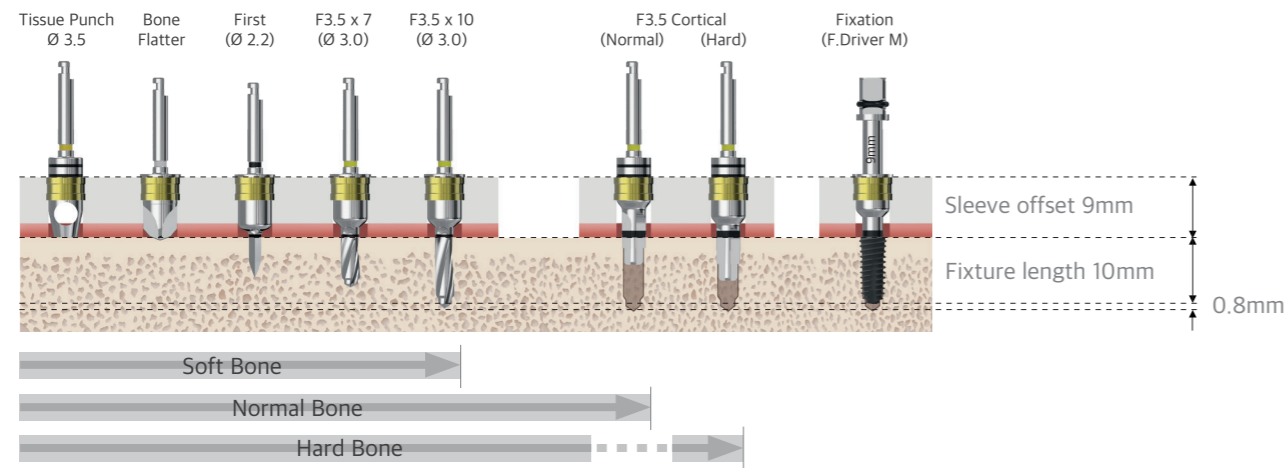


Standard

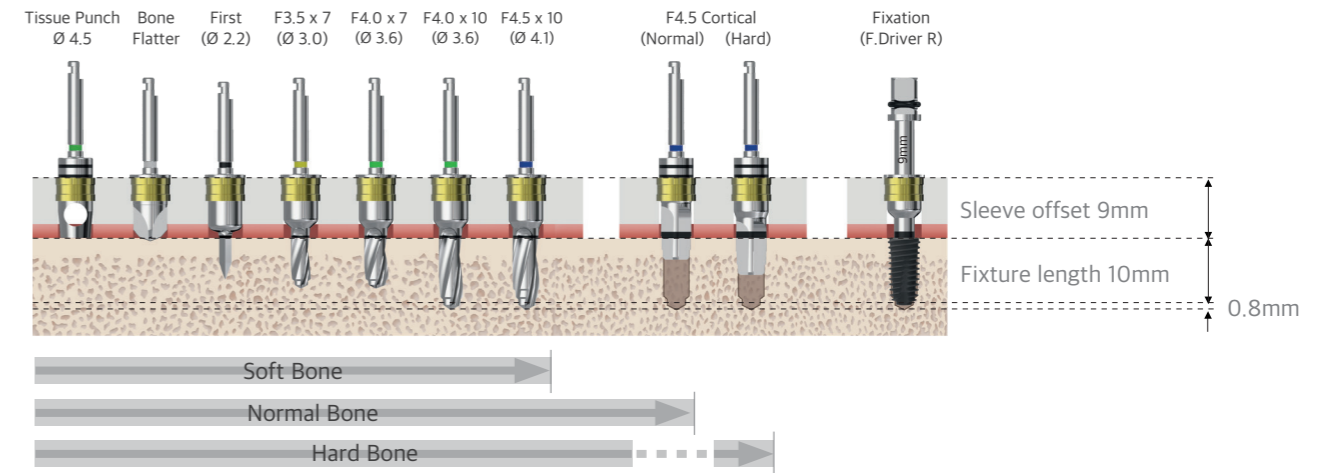
		First Drill	Guide Drill				Cortical Drill	
			F 3.5	F 4.0	F 4.5	F 5.0	Normal	Hard
 F 3.5	Hard	●	●					●
	Normal	●	●				●	
 F 4.0	Soft	●	●					
	Hard	●	●	●				●
	Normal	●	●	●			●	
 F 4.5	Soft	●	●	●				
	Hard	●	●	●	●			●
	Normal	●	●	●	●		●	
 F 5.0	Soft	●	●	●	●	●		
	Hard	●	●	●	●	●		●
	Normal	●	●	●	●	●	●	

Guided Drilling Protocol

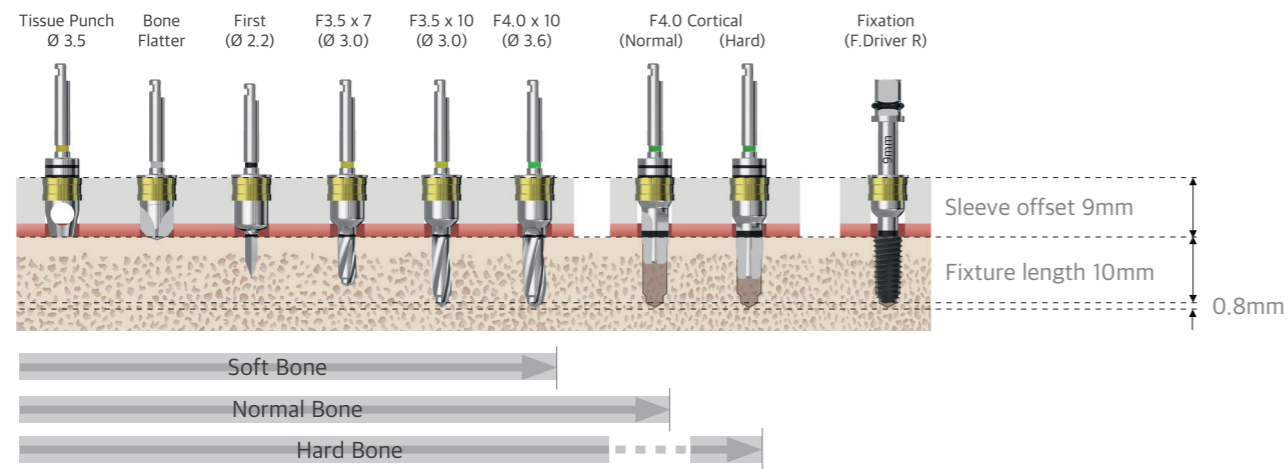
F 3.5 F 3.5 x 10mm



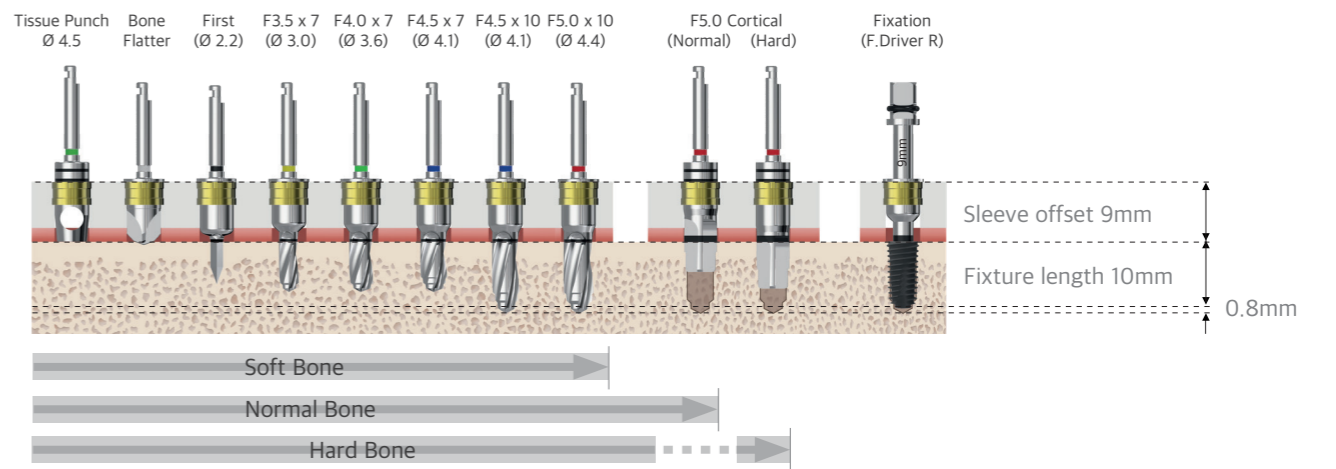
F 4.5 F 4.5 x 10mm



F 4.0 F 4.0 x 10mm



F 5.0 F 5.0 x 10mm



※ It is recommended that you replace the 'S' Implant after drilling one step higher, when there is excessive torque generated.
 → When there is excessive torque generated in Ø4.0S Normal Bone, apply Ø4.0 Normal Bone procedure

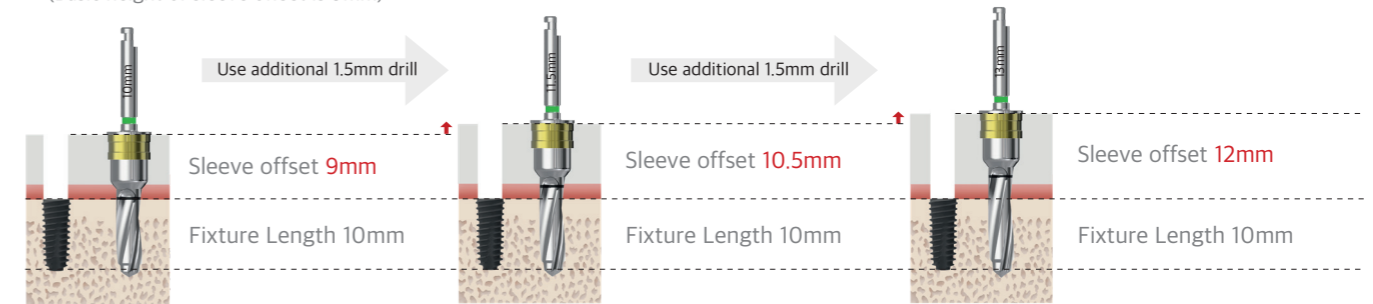
CORE1 IMPLANT SYSTEM

Appendix

Sleeve Offset

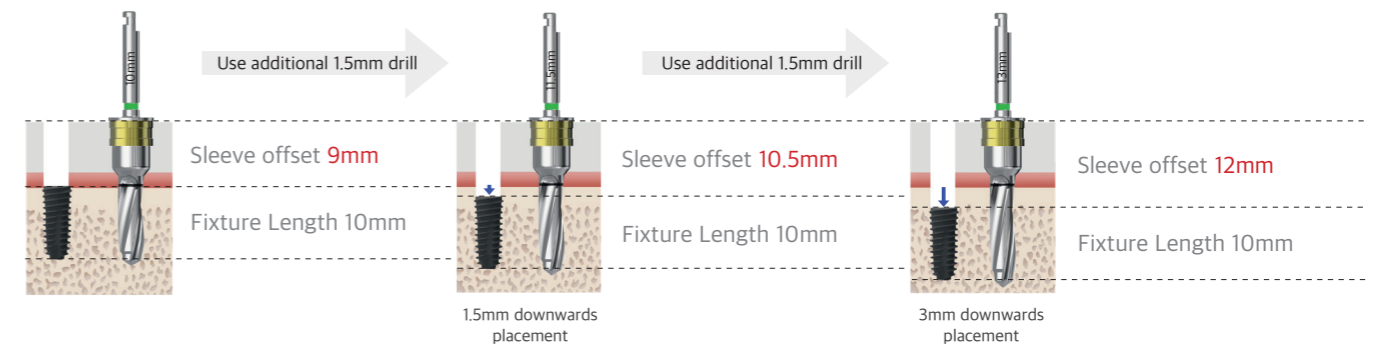
#1

- Place sleeve in an elevated position when encountering excessive gingival thickness or disruption caused by adjacent tooth.
(Basic height of sleeve offset is 9mm)

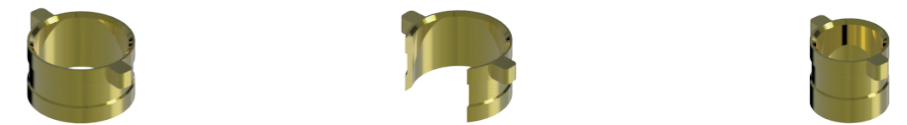


#2

- Where fixture is placed deep downwards due to insufficient bone quantity in bucco-lingual plane
(Example: Sleeve offset of 9mm is not suitable due to gingiva disruption)



Sleeve information

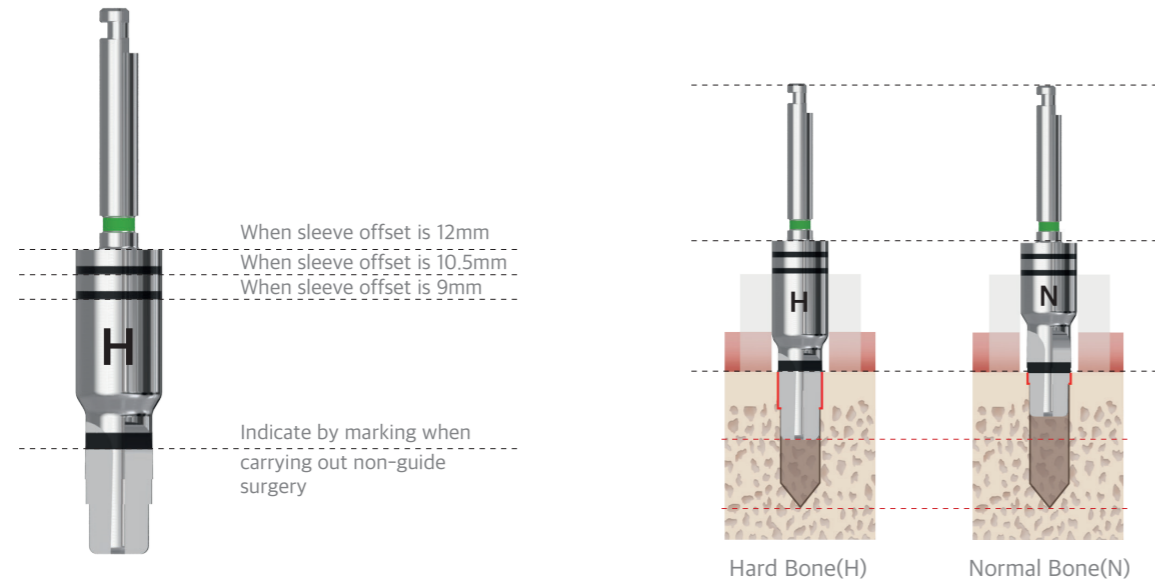


Internal diameter (mm)	5.25	5.25	3.7
Purpose of use	When using regular guide for surgery	Insert drill from the side when space between molars at mandible and maxilla is narrow	Use when space between frontal teeth at mandible and maxilla is narrow
Application	F3.5 F4.0 F4.5 F5.0	F3.5 F4.0 F4.5 F5.0	F 3.0

Appendix

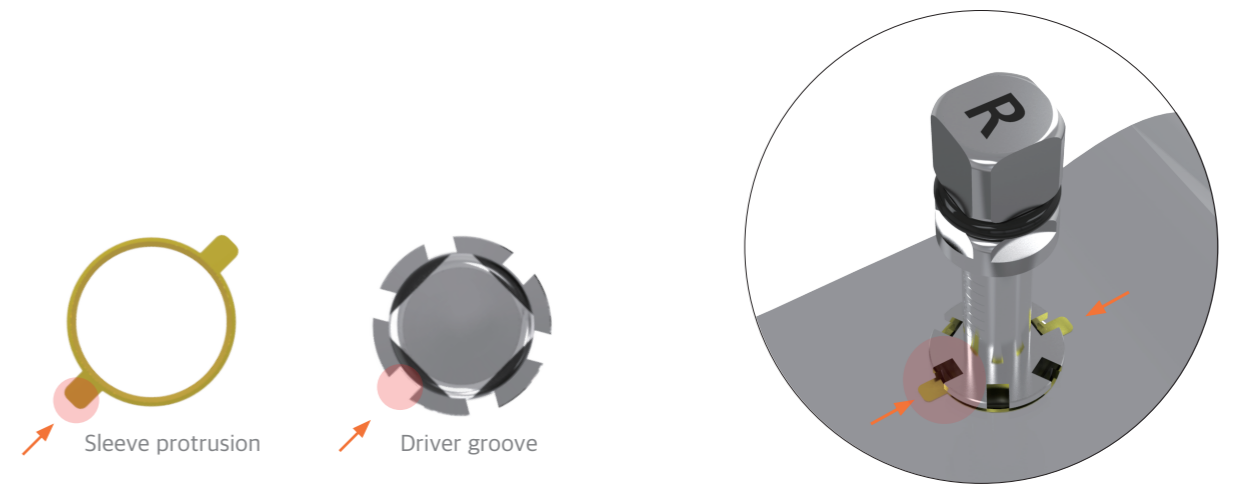
Cortical Drill Information

Select and use according to quality of bone. Adjustment of depth is possible according to sleeve offset.



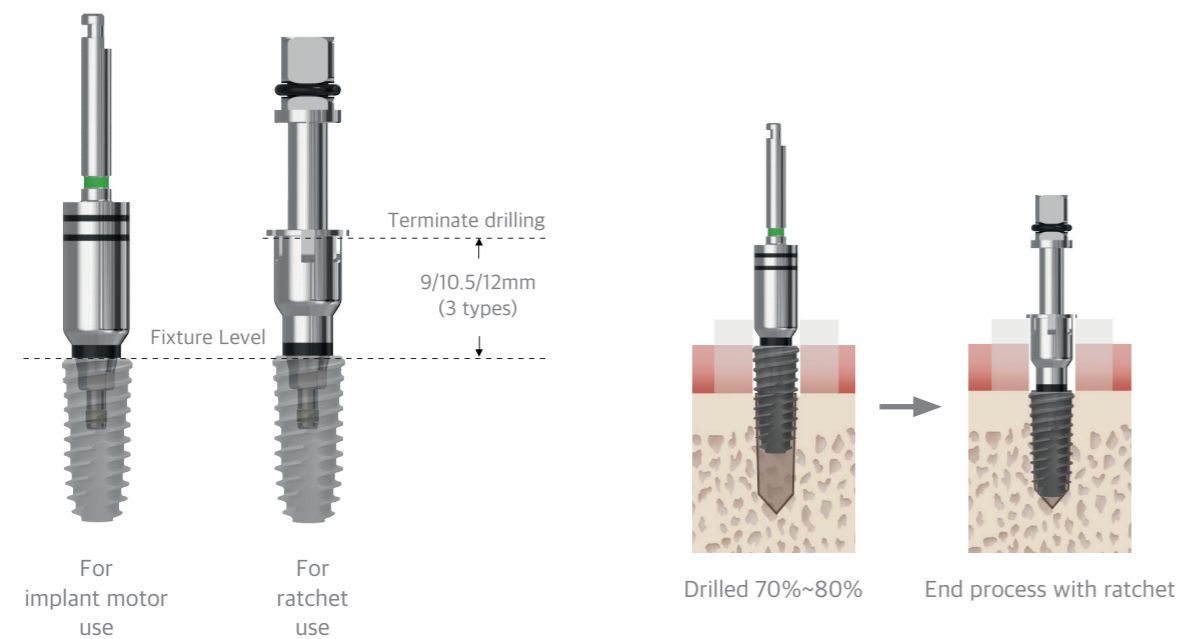
Control Fixture Direction

Ensures that protrusion and groove of sleeve and driver correspond in order to control direction of fixture



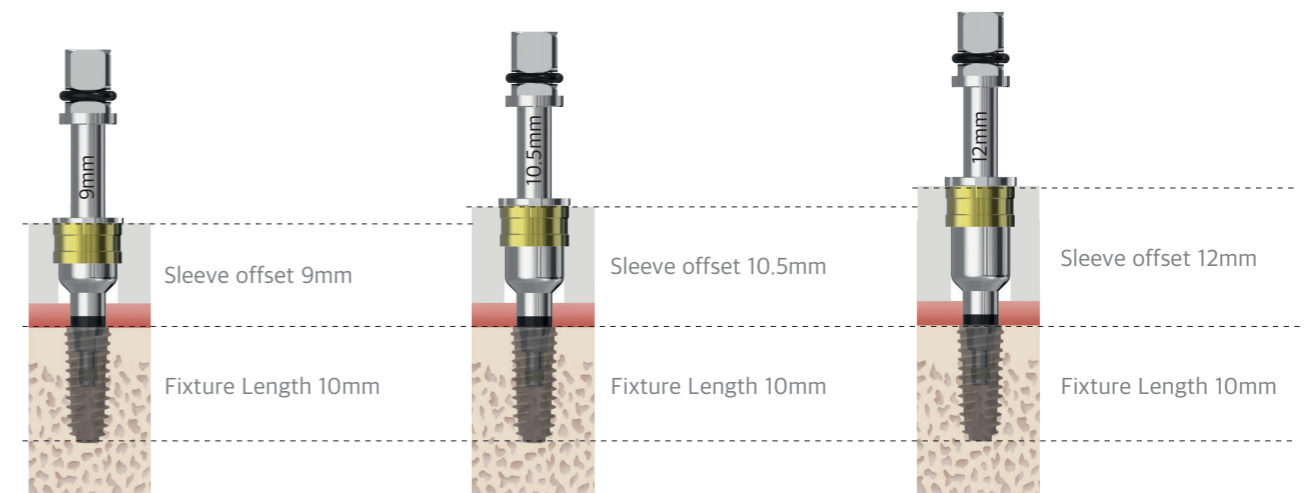
Fixture Driver Operating Instructions

After 70%~80% of placement is done using implant motor, use ratchet driver to manually carry out placement



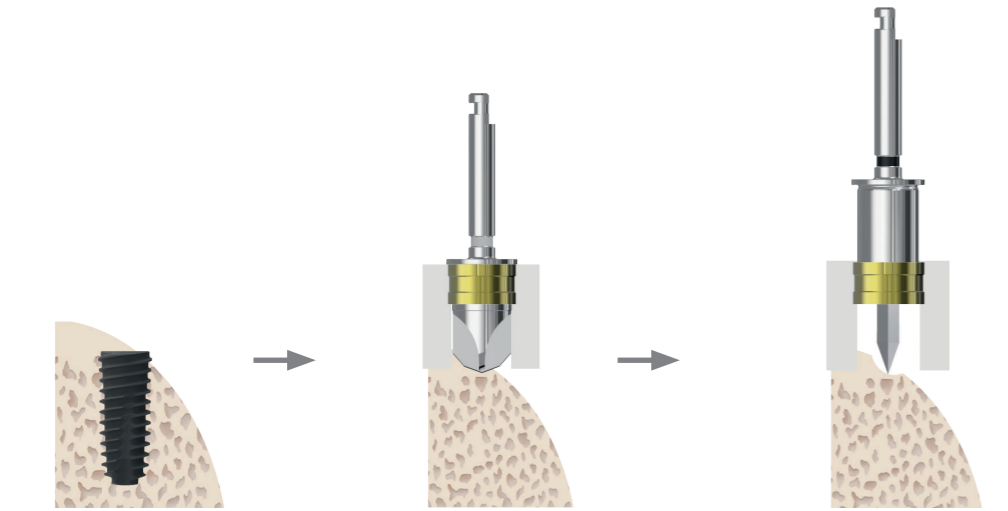
Control Fixture Depth

3 types of Stop Drivers to facilitate placement according to planned fixture's depth



Appendix

Bone flatter



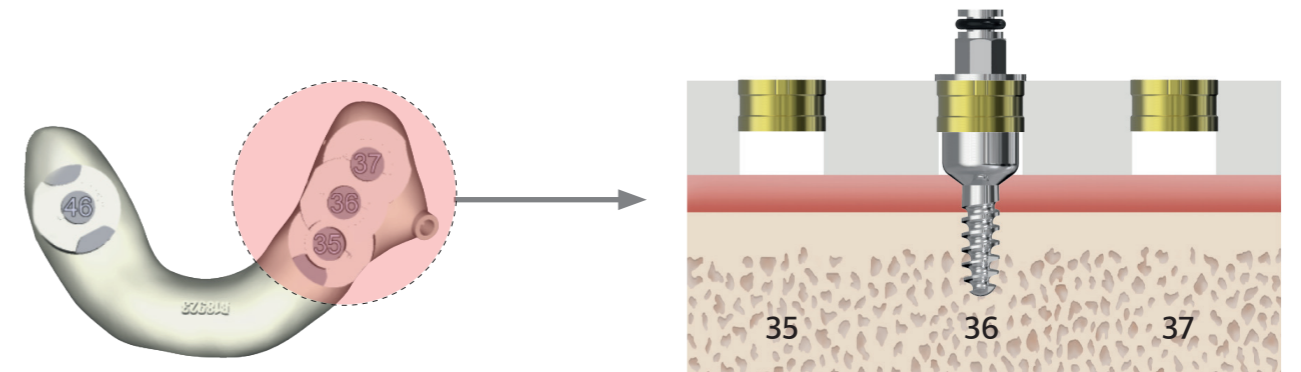
Plan to place implant in beveled or irregular bone

Flatten bone level

High stability during initial drilling

Fixing Anchor

Easily and conveniently increase stability of placement of implant while carrying out free end surgery



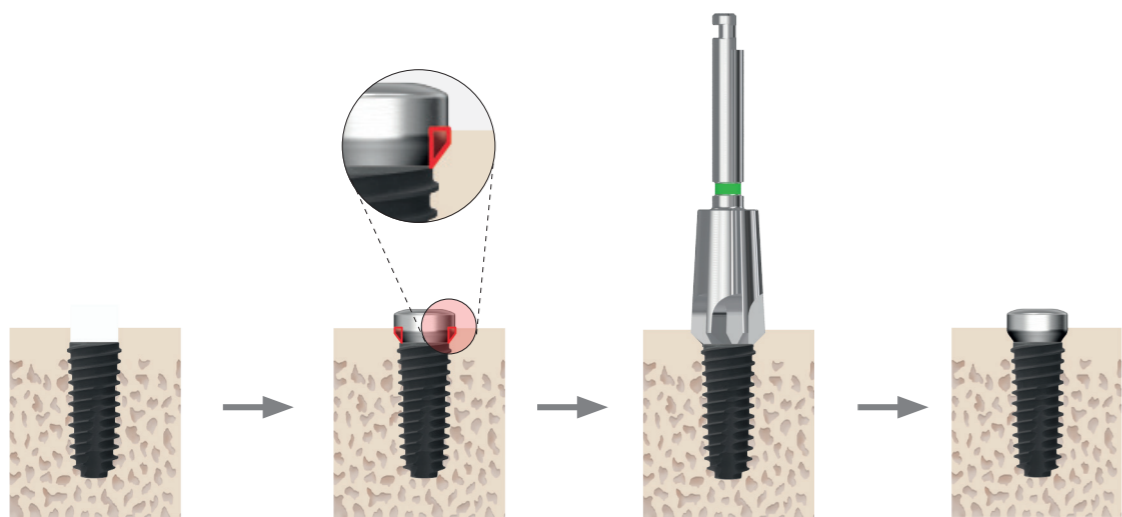
ex) 35 / 36 / 37 free end surgery :

After First Drilling at #36, connect Fixing Anchor

(Operate in this sequence: 37 → 35 → remove Fixing Anchor → 36)

Profiler

Remove adjacent bone in order to prevent mishap while placing healing abutment



Prior to placing healing abutment

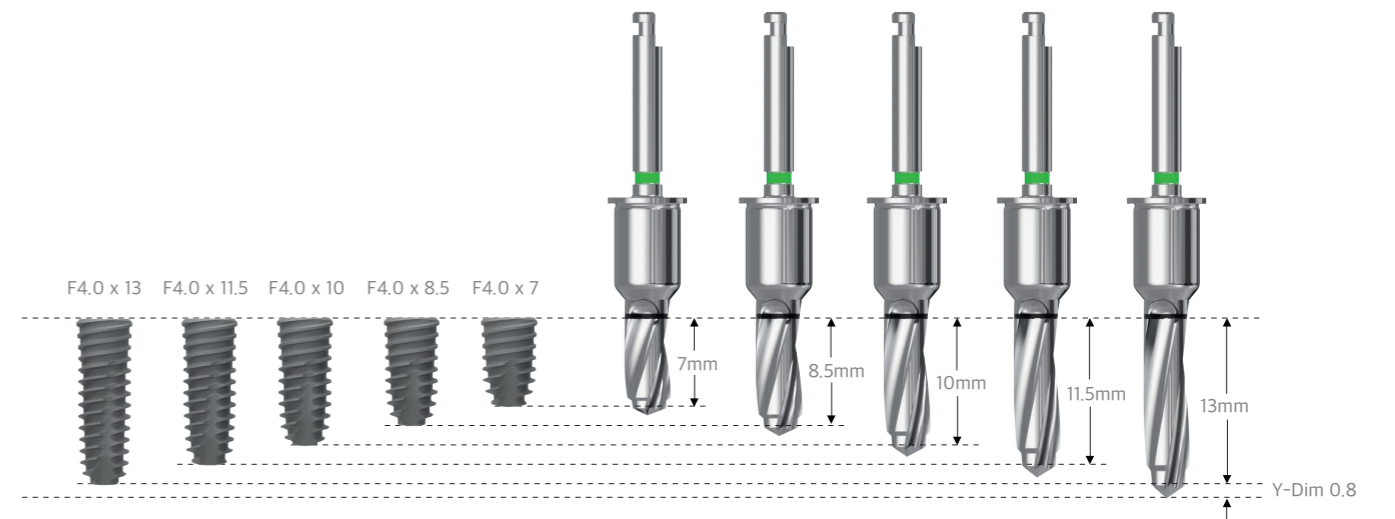
Obstruction is present

Remove obstructing bone

Proper placement

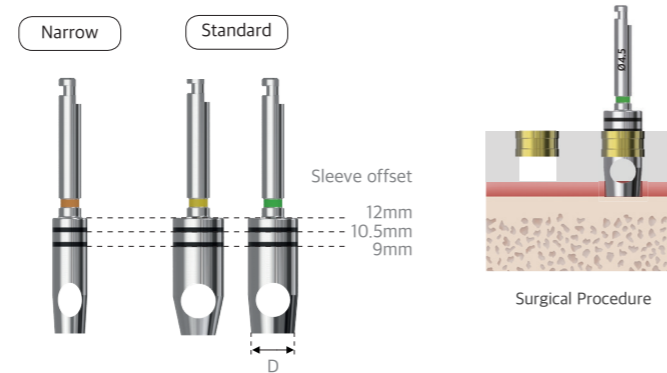
Non-Guided Surgery

Non-guided surgery can be carried out by using the Laser Marking on the drill.



Tissue Punch

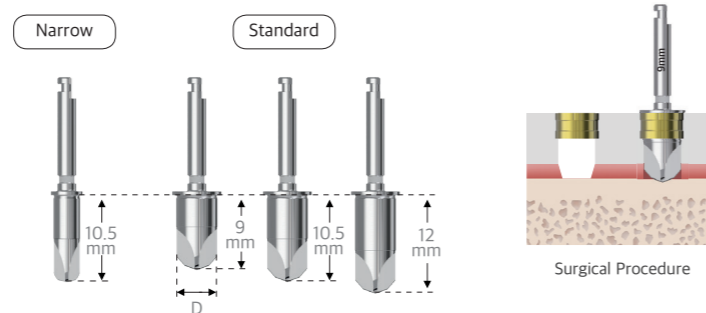
- Use for removing gingiva
- Easy removal of gingiva without forcep
- Adjust the drilling depth according to sleeve offset
- Ø3.0 / Ø3.5 / Ø4.5



Sleeve Type	Narrow	Standard	
Sleeve offset 9~12mm	CGTP30N(U)	CGTP35(U)	CGTP45(U)
D	Ø3.0	Ø3.5	Ø4.5

Bone Flatter

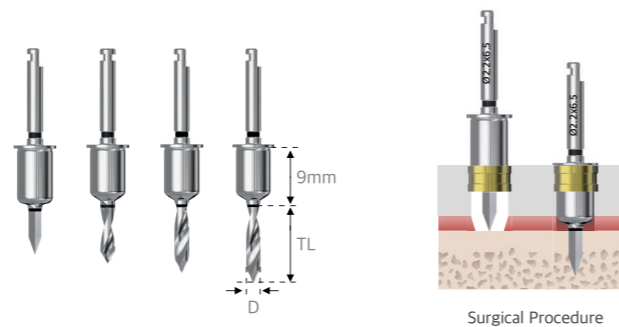
- Use for flattening irregular bone
- Recommended to use before Ø2.2 First Drill
- Prevent over depth drilling due to drill stop
- Choose according to sleeve offset
- Ø3.5 / Ø5.0



Sleeve Type	Narrow	Standard	
Sleeve Offset	9mm	-	CGBF5009(U)
	10.5mm	CGBF3510N	CGBF5010(U)
	12mm	-	CGBF5012(U)
D	Ø3.5	Ø5.0	

Ø2.2 First Drill

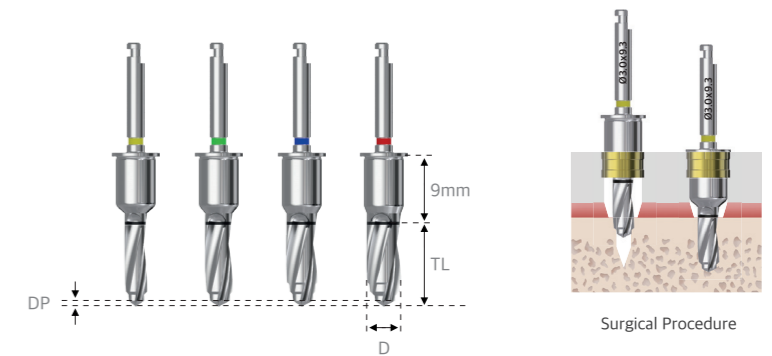
- The first drill to be used
- Designed sharply to prevent slipping in sloping bone



Sleeve Type	Narrow	Standard	
TL	6.5	-	CGFD2207(U)
	8.5	CGFD2208N	CGFD2208(U)
	10	CGFD2210N	CGFD2210(U)
	11.5	CGFD2211N	CGFD2211(U)
	13	CGFD2213N	-
D	Ø2.2	Ø2.2	

Guide Drill

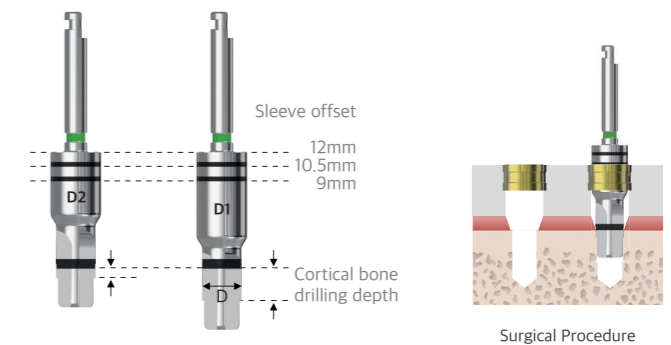
- Superior drilling function
- F3.0 / F3.5 / F4.0 / F5.0 can be placed
- Multilevel diameter at drill end is identical with Pre drill diameters
- Refer to Universal Guide Protocol(backwards)



Sleeve Type	Narrow	Standard				
TL	7.8	-	CGGD3507(U)	CGGD4007(U)	CGGD4507(U)	CGGD5007(U)
	9.3	CGGD3008N(U)	CGGD3508(U)	CGGD4008(U)	CGGD4508(U)	CGGD5008(U)
	10.8	CGGD3010N(U)	CGGD3510(U)	CGGD4010(U)	CGGD4510(U)	CGGD5010(U)
	12.3	CGGD3011N(U)	CGGD3511(U)	CGGD4011(U)	CGGD4511(U)	CGGD5011(U)
	13.8	CGGD3013N(U)	CGGD3513(U)	CGGD4013(U)	CGGD4513(U)	CGGD5013(U)
D	Ø2.7	Ø3.0	Ø3.6	Ø4.1	Ø4.4	

Cortical Drill

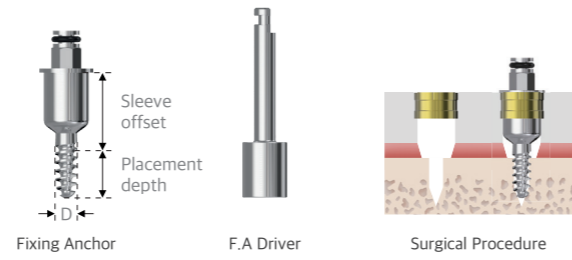
- Use when removing hard bone
- D1, D2 bone type
- Adjust drilling depth according to sleeve offset
- Easy to maintain drilling path according to the bottom design



Sleeve Type	Narrow	Standard			
D1 Cortical bone drilling depth : 3~4mm	CGCD30NHU	CGCD35HU	CGCD40HU	CGCD45HU	CGCD50HU
D2 Cortical bone drilling depth : 1~1.5mm	-	CGCD35NU	CGCD40NU	CGCD45NU	CGCD50NU
D	Ø3.0	Ø3.7	Ø4.1	Ø4.6	Ø5.0

Fixing Anchor Fixing Anchor Driver(F.A Driver)

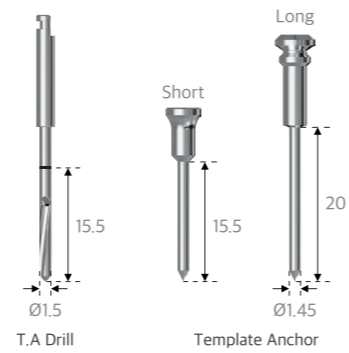
- Use to fix guide stent in place
- Use after first drilling Ø2.2
- Use on free end case in posterior region
- Connect with F.A Driver



Sleeve Type	Narrow	Standard
Sleeve Offset	9mm	-
	10.5mm	-
	12mm	-
D	-	Ø2.6
Placement depth	-	5.5mm

Template Anchor Template Anchor Drill(T.A Drill)

- To fix guide stent in case of edentulous
- T.A Drilling and hand push to tighten



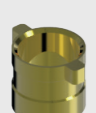
T.A Drill		CGTADS
Template Anchor	Short	CGTAS
	Long	CGTAL

CORE1 IMPLANT SYSTEM

CORE Universal Guide KIT

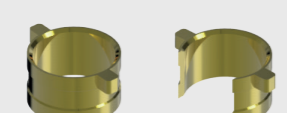
Sleeve Information

Narrow



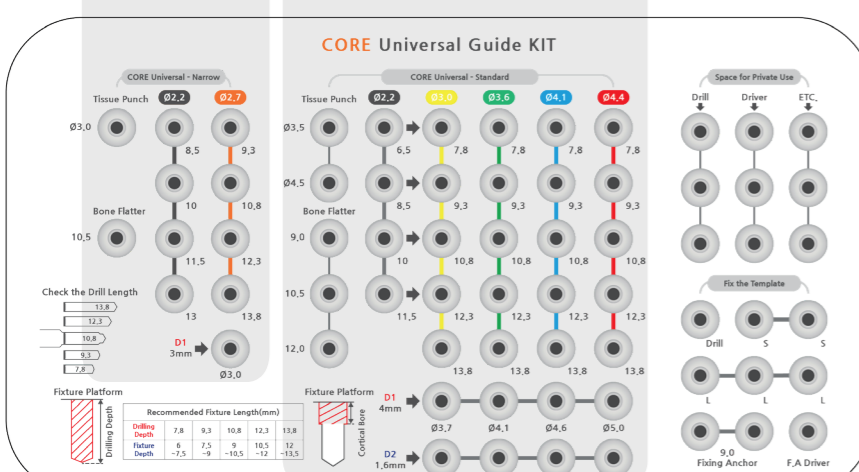
Close

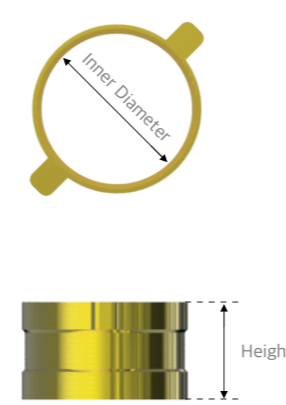
Standard



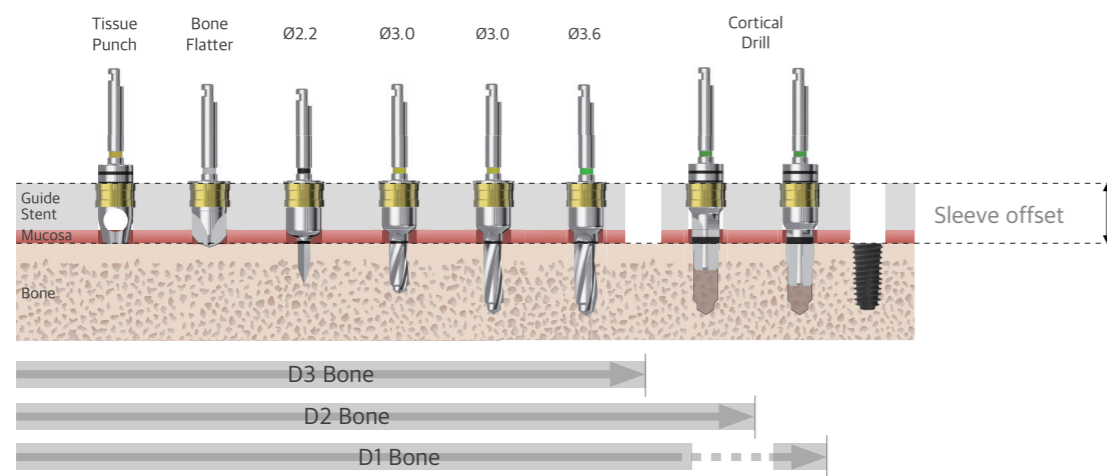
Close Open

	Inner Dia.	Height
Narrow	Ø3.7	4.0mm
Standard	Ø5.25	3.5mm





Drilling Protocol ex) Implant of about Ø4mm



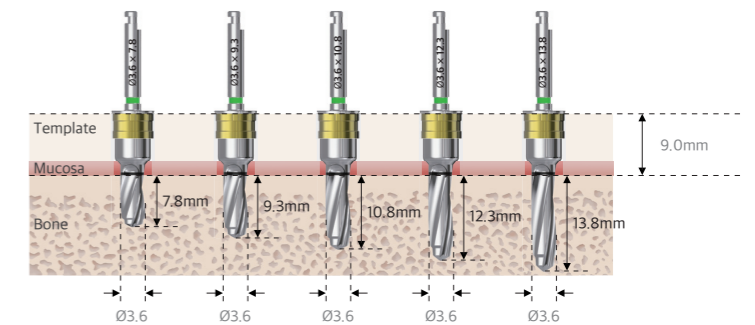
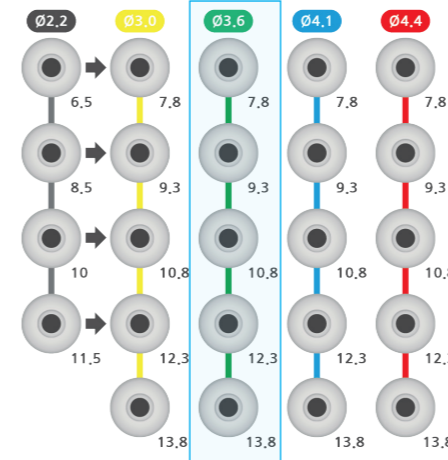
Sleeve Offset

- Default distance of Sleeve Offset : 9mm
- Variable distance of Sleeve Offset : 10.5mm, 12mm

Drill Dimension

Guide Drill

CORE Universal - Standard

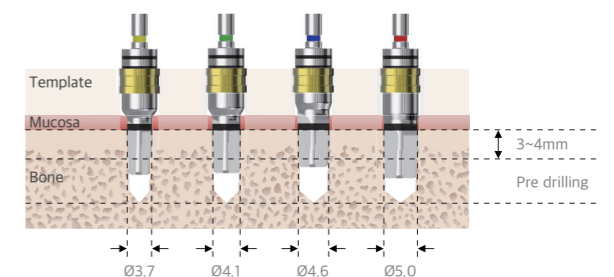


Cortical Drill

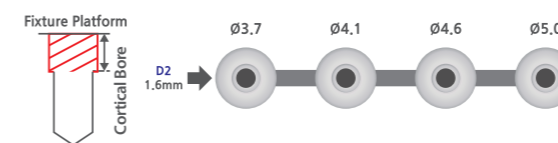
CORE Universal - D1



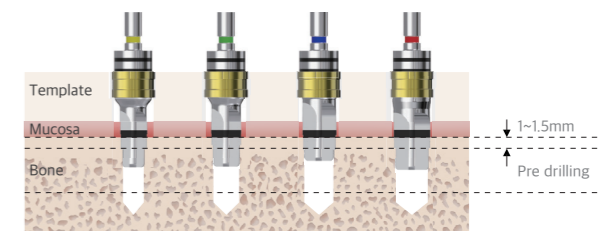
D1



CORE Universal - D2

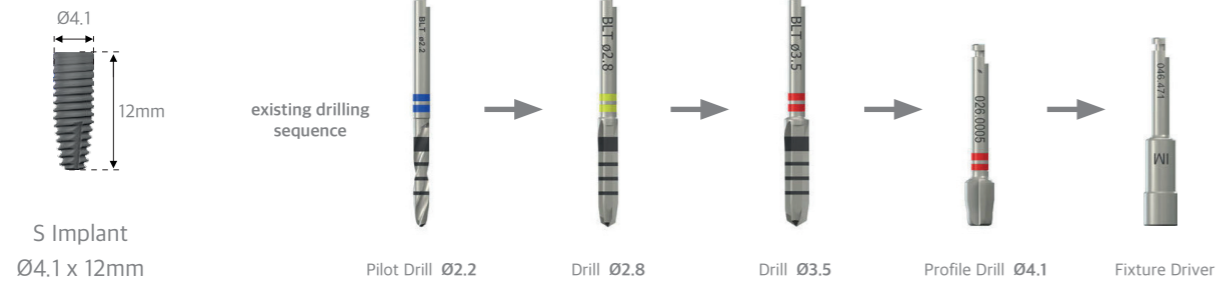


D2

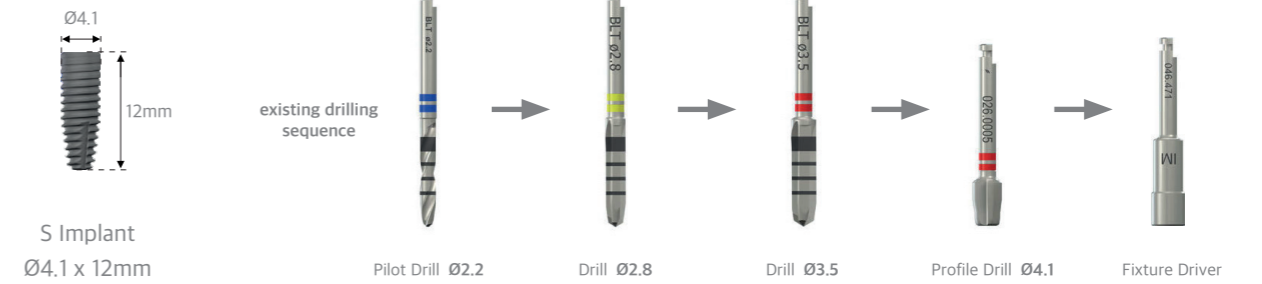


CORE Universal Guide KIT

e.g. - when 'S' Implant CORE Universal Guide KIT is applied.



e.g. - when 'S' Implant CORE Universal Guide KIT is applied.



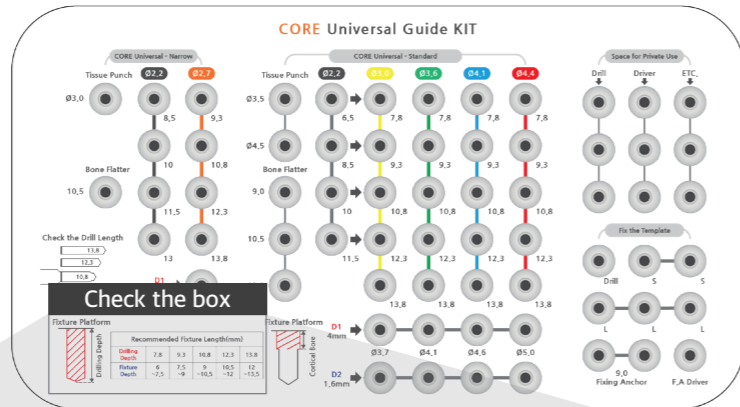
01
Select drill length

02
Select drill diameter

03
Remove cortical bone

• Use CORE Cortical drill or use existing drill

04
Fixture placement



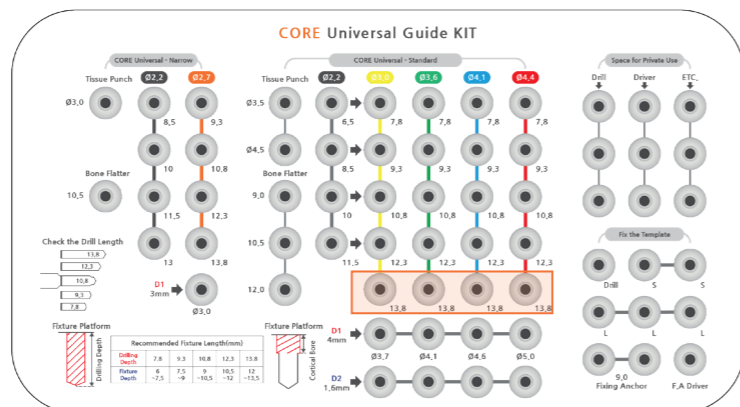
Fixture platform

Drilling Depth

※ As the implant length to be placed is 12mm, choose drill length more than 12mm

Recommended Fixture length(mm)					
Total Drill Length	7.8	9.3	10.8	12.3	13.8
Fixture Length	6 ~ 7.5	7.5 ~ 9	9 ~ 10.5	10.5 ~ 12	12 ~ 13.5

※ We recommend a long length drill if there is enough drilling depth.
→ 13.8mm drill is chosen for this example.



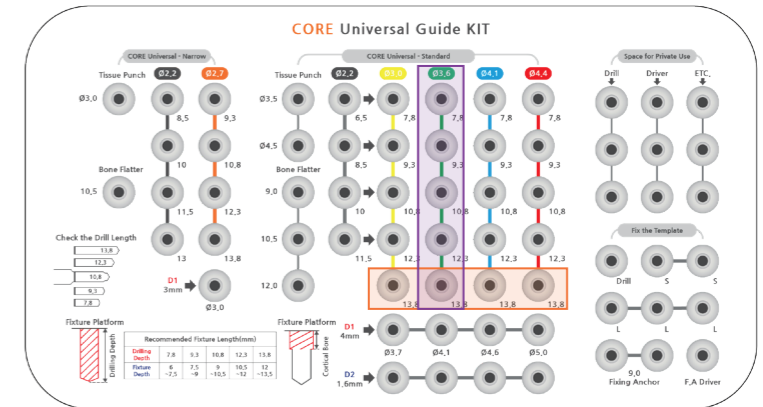
01
Select drill length

02
Select drill diameter

03
Remove cortical bone

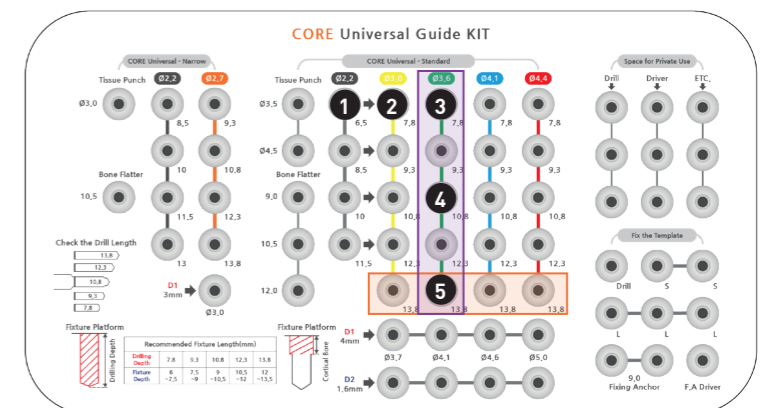
• Use CORE Cortical drill or use existing drill

04
Fixture placement



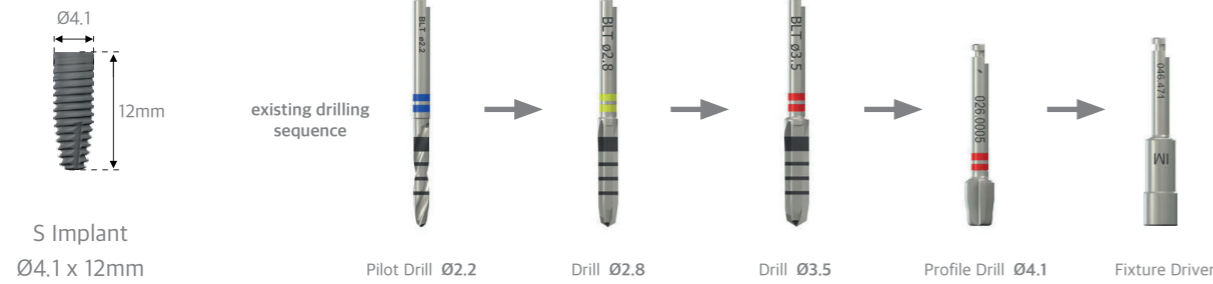
※ Select a drill with a diameter lower than the diameter of the implant to be placed. (Select a diameter similar to the existing drill) → Ø3.6 CORE Drill is chosen for this example as the implant diameter is Ø4.1

Drilling sequence

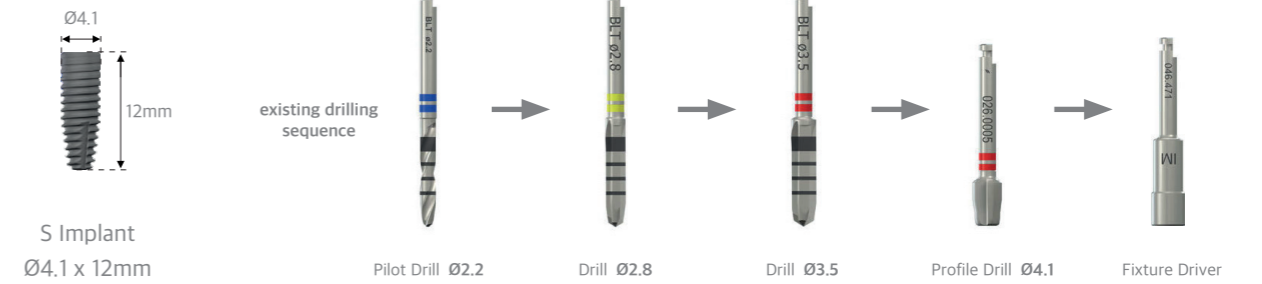


CORE Universal Guide KIT

e.g. - when 'S' Implant CORE Universal Guide KIT is applied.

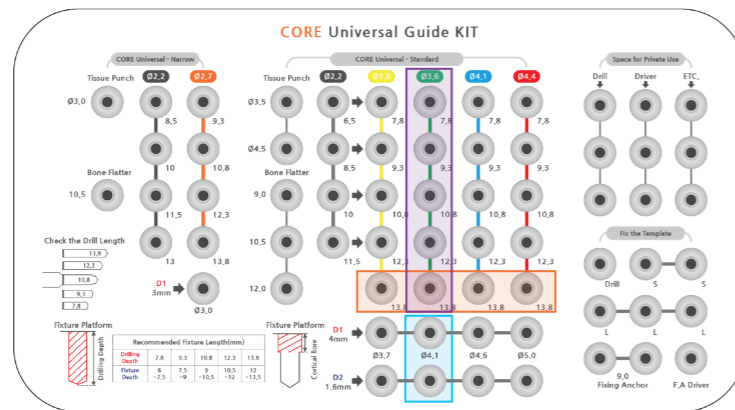


e.g. - when 'S' Implant CORE Universal Guide KIT is applied.



- 01**
Select drill length
- 02**
Select drill diameter
- 03**
Remove cortical bone
- 04**
Fixture placement

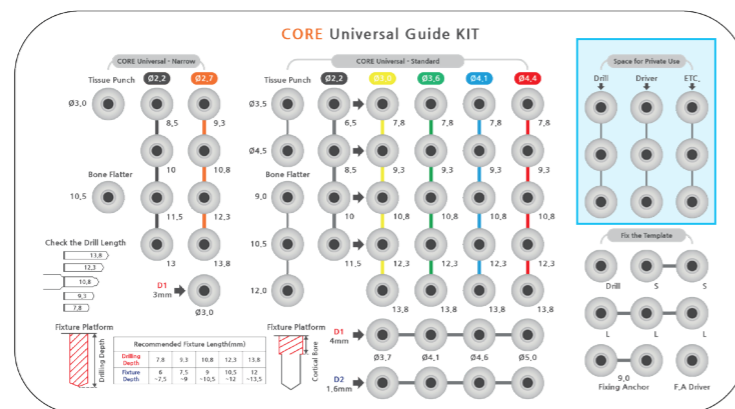
For CORE Cortical drill use



※ Choose CORE Cortical drill that is equal to or smaller than the diameter of the implant to be placed.
 → Ø4.1 Cortical Drill is chosen for this example as the implant diameter is Ø4.1
 → Select D1 or D2 drill according to the bone quality

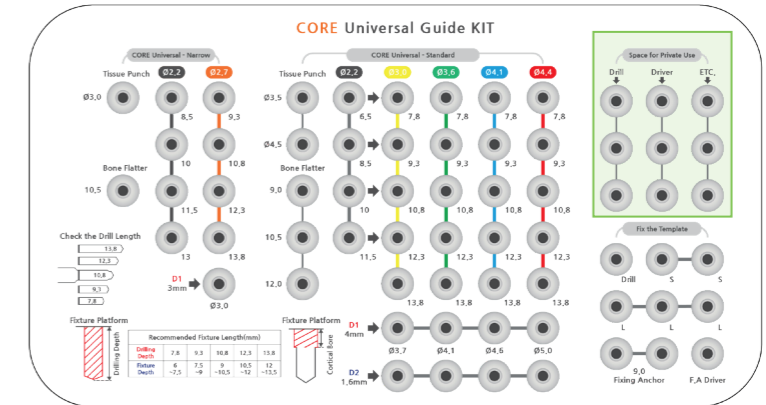
For existing drill use

※ If you use existing cortical Drill(or Tap Drill) , please use this after removing guide stent.
 → Use 'Spare for private use' space to store the driver on the right side of the KIT.



- 01**
Select drill length
- 02**
Select drill diameter
- 03**
Remove cortical bone
- 04**
Fixture placement

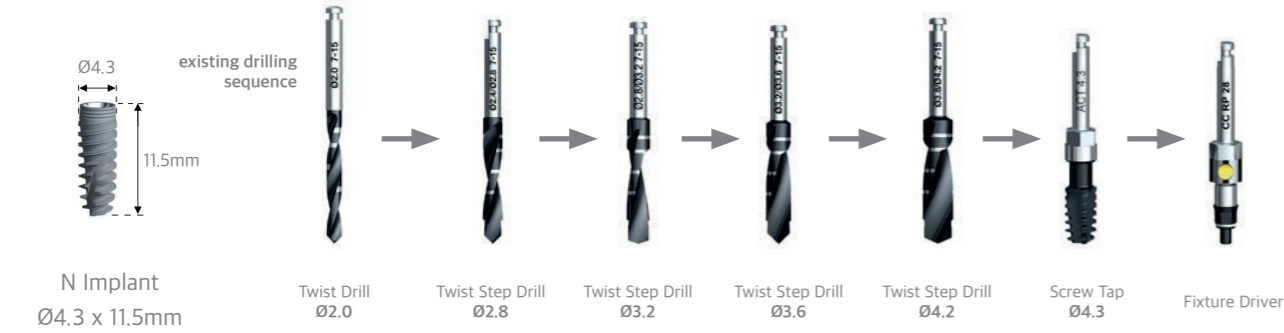
※ CORE Universal Guide KIT is not equipped with a separate Fixture Driver.
 → Prepare the fixture driver provided by the implant manufacturer for the implant placement.
 Place the implant while checking the alveolar bone after removing the guide stent.
 → Use 'Spare for private use' space to store the driver on the right side of the KIT.



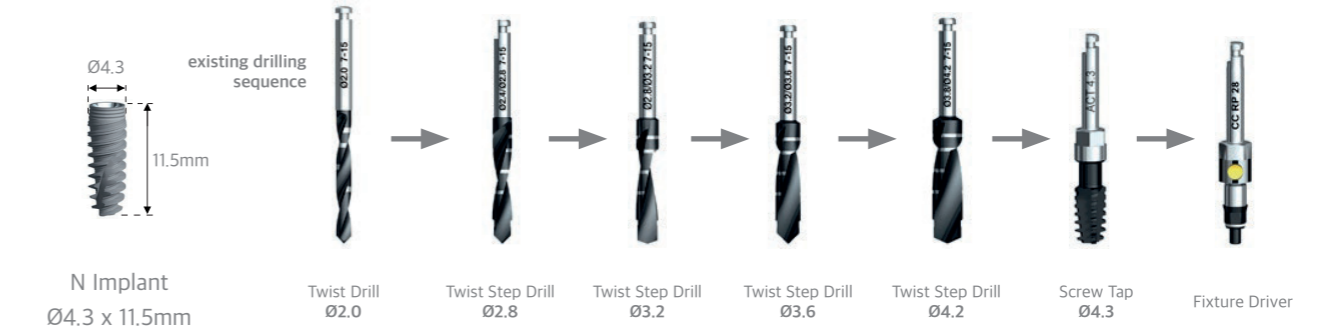
※ The separate purchase of the CORE1 Fixture Driver makes it easier and more accurate to place the implant without removing the guide stent

CORE Universal Guide KIT

e.g. - when 'N' Implant CORE Universal Guide KIT is applied.



e.g. - when 'N' Implant CORE Universal Guide KIT is applied.



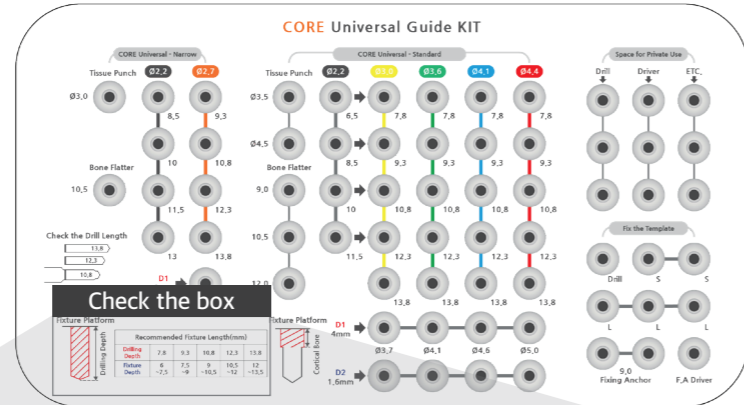
01
Select drill length

02
Select drill diameter

03
Remove cortical bone

• Use CORE Cortical drill or use existing drill

04
Fixture placement



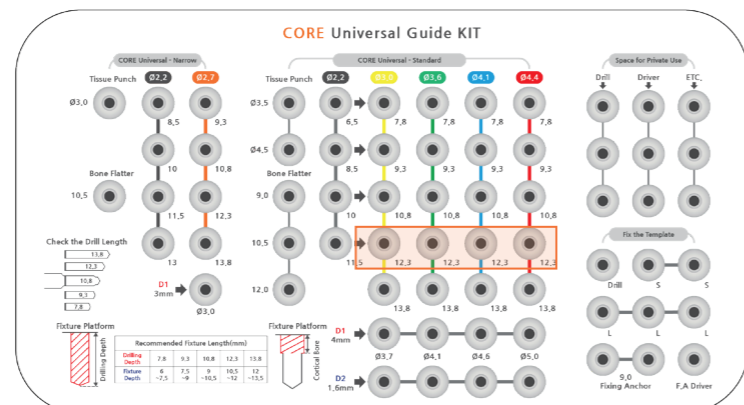
Fixture platform

Drilling Depth

※ As the implant length to be placed is 11.5mm, choose drill length more than 11.5mm

Recommended Fixture length(mm)					
Total Drill Length	7.8	9.3	10.8	12.3	13.8
Fixture Length	6 ~ 7.5	7.5 ~ 9	9 ~ 10.5	10.5 ~ 12	12 ~ 13.5

※ We recommend a long length of drill if there is enough drilling depth.
 → 12.3mm drill is chosen for this example.



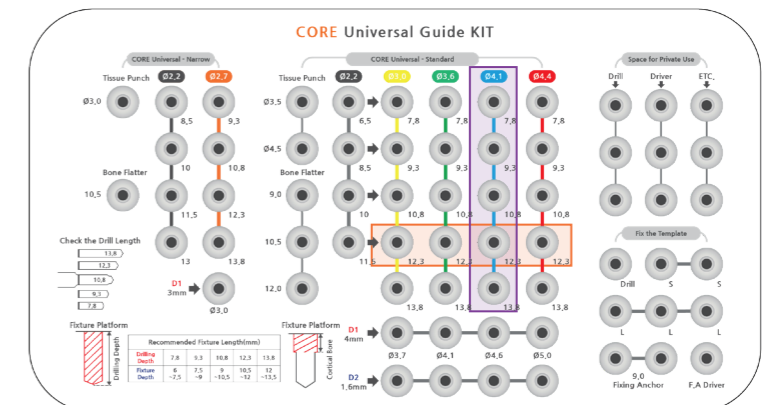
01
Select drill length

02
Select drill diameter

03
Remove cortical bone

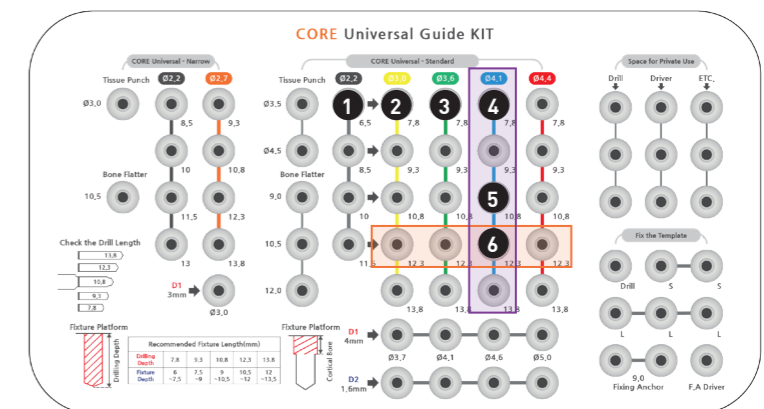
• Use CORE Cortical drill or use existing drill

04
Fixture placement



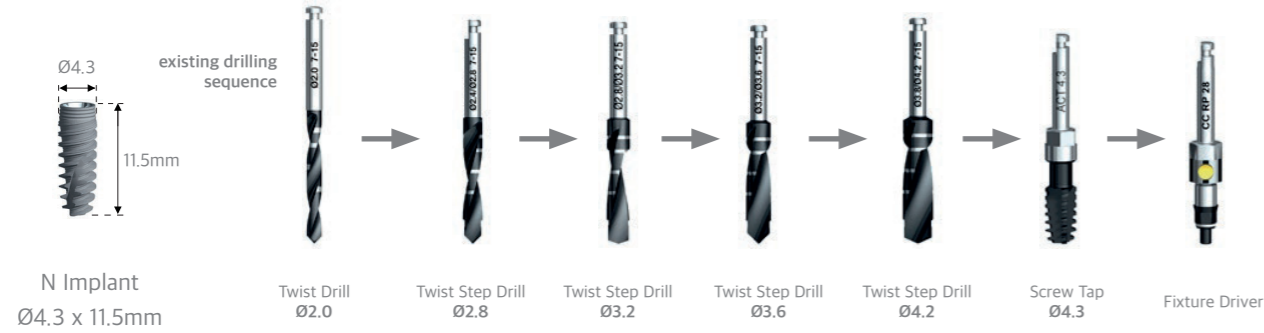
※ Choose a drill with the lower diameter than the diameter of the implant to be placed.
 → Ø4.1 Cortical Drill is chosen for this example as the implant diameter is Ø4.3

Drilling sequence

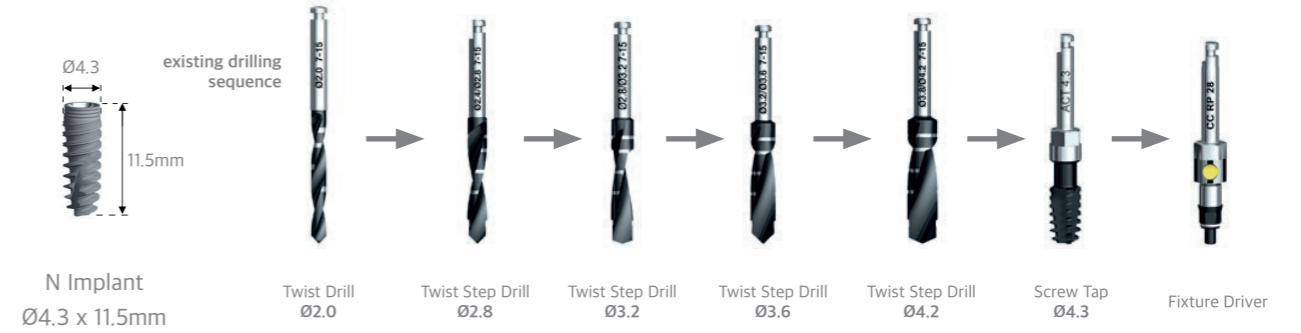


CORE Universal Guide KIT

e.g. - when 'N' Implant CORE Universal Guide KIT is applied.

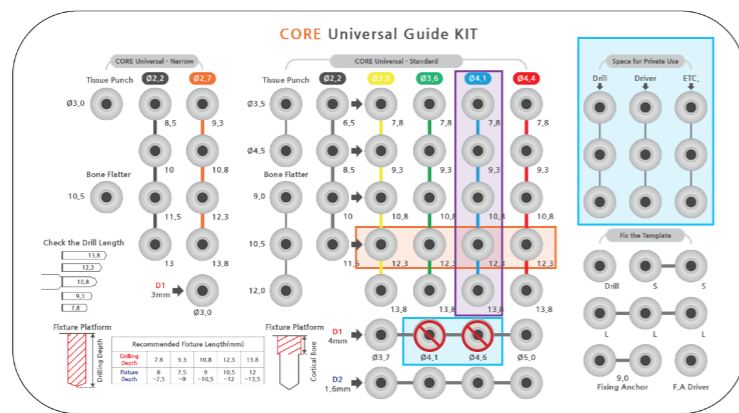


e.g. - when 'N' Implant CORE Universal Guide KIT is applied.



- 01 Select drill length
- 02 Select drill diameter
- 03 Remove cortical bone
- 04 Fixture placement

For CORE Cortical drill use



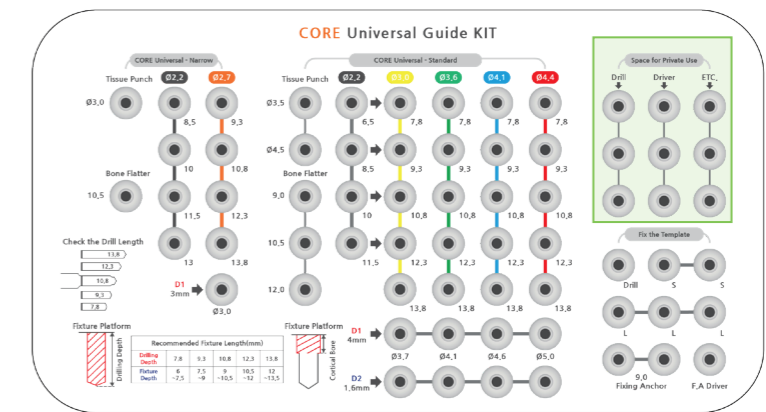
※ It's not recommended to use when if the diameter of the implant to be placed is bigger than the diameter of the CORE Cortical Drill.
 → For this example, the diameter of the implant is Ø4.3, and the diameter of the CORE Cortical Drill is Ø4.1 or Ø4.6, CORE Cortical Drill cannot be chosen.

For existing drill use

※ If you use the existing cortical drill (or Tap Drill), use after removing the Guide Stent
 → Use 'Spare for private use' space to store the driver on the right side of the KIT.

- 01 Select drill length
- 02 Select drill diameter
- 03 Remove cortical bone
- 04 Fixture placement

※ CORE Universal Guide KIT is not equipped with a separate Fixture Driver.
 → Prepare the fixture driver provided by the implant manufacturer for the implant placement. Place the implant while checking alveolar bone after removing the guide stent
 → Use 'Spare for private use' space to store the driver on the right side of the KIT.



※ The separate purchase of the CORE1 Fixture Driver makes it easier and more accurate to place the implant without removing the guide stent

MASTER KIT Simple Specifications

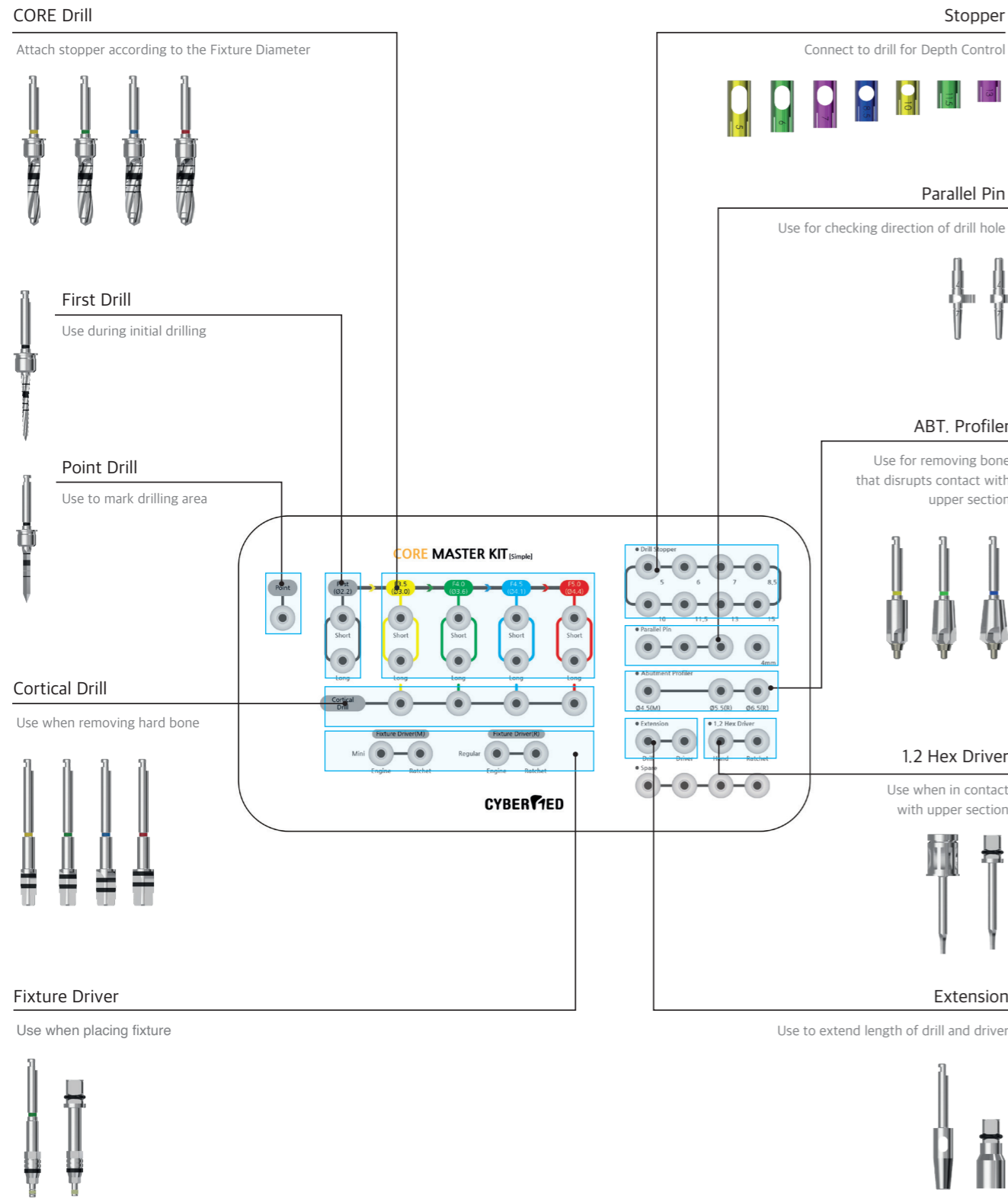
MASTER KIT Full Specifications

Drilling Protocol - Simple / Full

CORE **MASTER KIT**

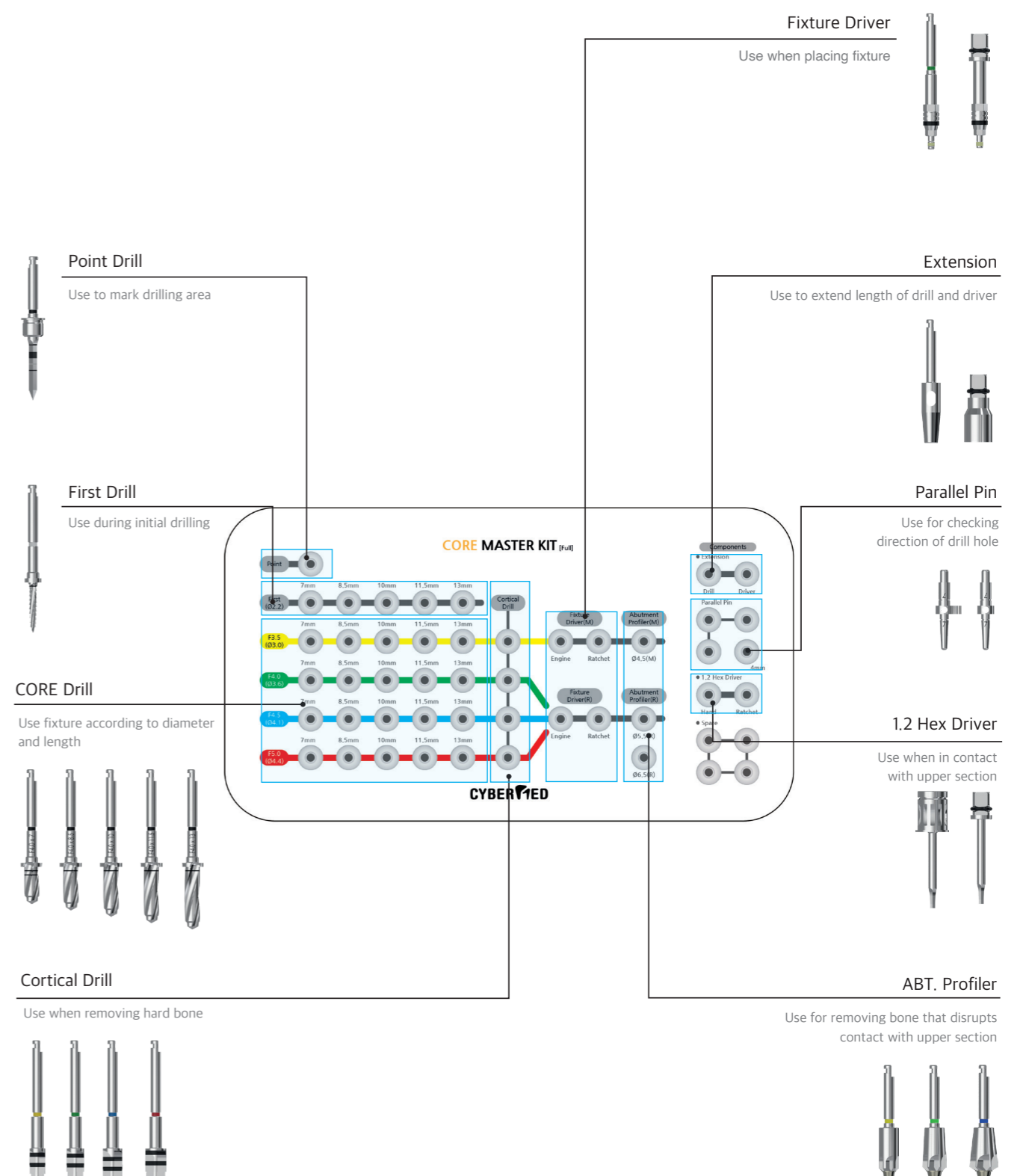
CORE MASTER KIT(Simple) Specifications

Order Code : CMKS



CORE MASTER KIT(Full) Specifications

Order Code : CMKF




Drilling Protocol

Drill

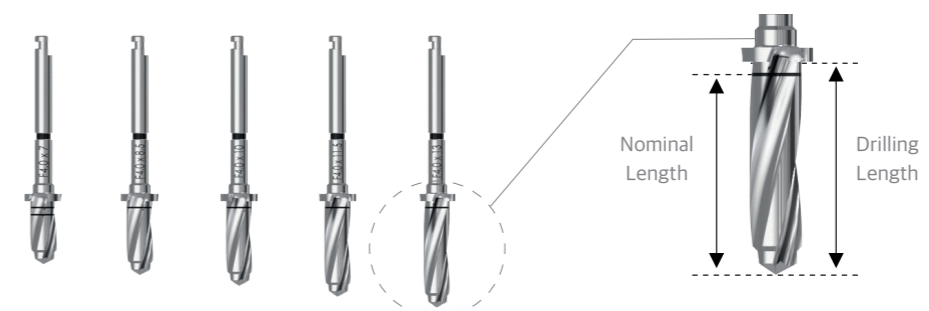
	First Drill	Guide Drill				Cortical Drill
		F 3.5	F 4.0	F 4.5	F 5.0	
F 3.5	Hard	●	●			●
	Normal	●	●			●
	Soft	●	●			
F 4.0	Hard	●	●	●		●
	Normal	●	●	●		●
	Soft	●	●	●		
F 4.5	Hard	●	●	●	●	●
	Normal	●	●	●	●	●
	Soft	●	●	●	●	
F 5.0	Hard	●	●	●	●	●
	Normal	●	●	●	●	●
	Soft	●	●	●	●	

Simple / Stopper



	5	6	7	8.5	10	11.5	13
Stopper							
Drilling Length	6.8	7.8	8.8	10.3	11.8	13.3	14.8

Full / Drill stop



Drill stop		x 7mm	x 8.5mm	x 10mm	x 11.5mm	x 13mm
Nominal Length	Marking line	6.8	9.3	10.8	12.3	13.8
		7.8				
Drilling Length	1mm Downwards Placement	8.8	10.3	11.8	13.3	14.8

P L A N N E D P E R F E C T I O N



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