

FTN SYSTEM

Product Catalog

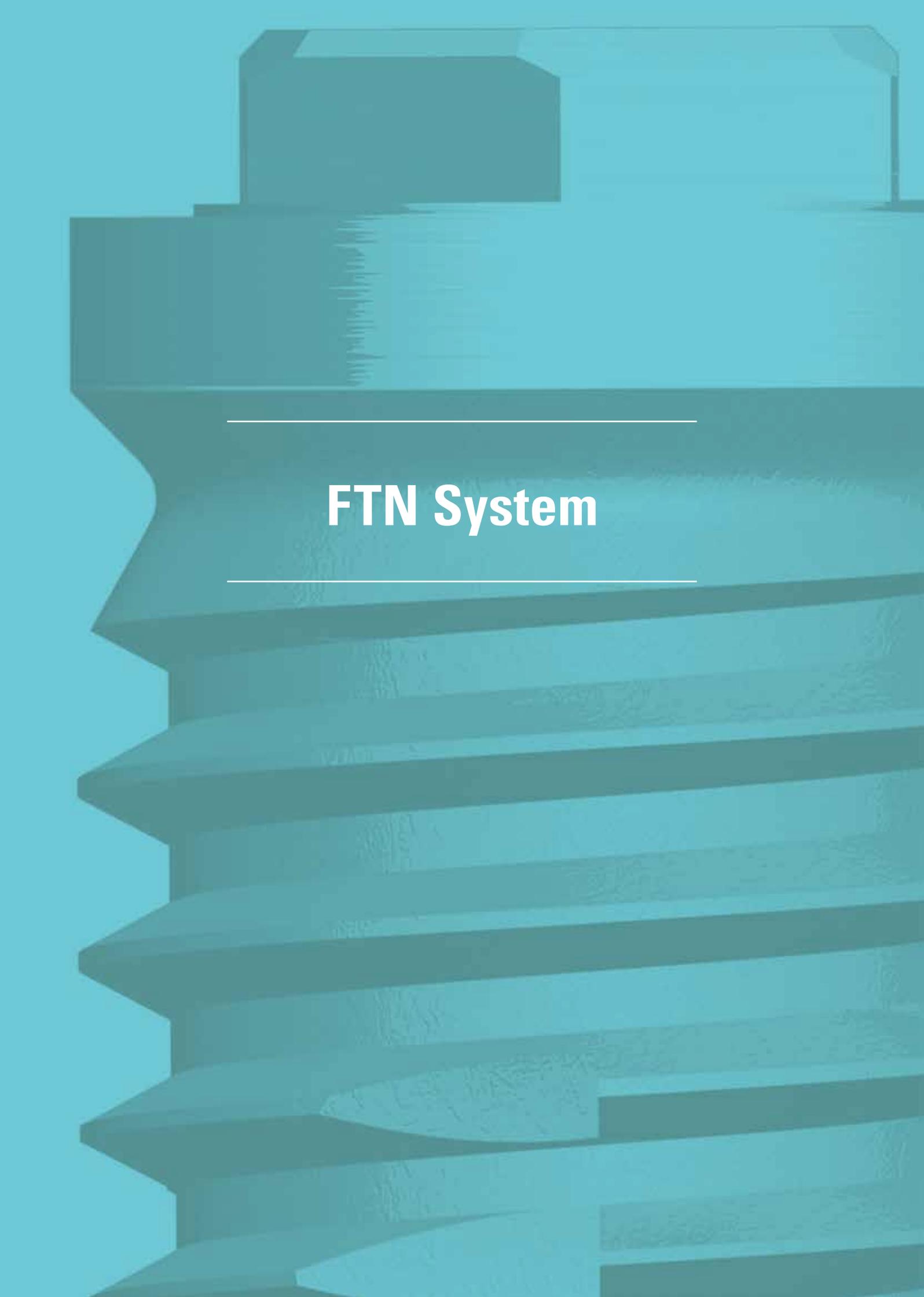
FTN External System

- FTN Narrow
- FTN Regular
- FTN Wide
- FTN T-Wide
- FTN Kit

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

FTN External System

FTN External System	008
FTN Surgical Kit	040



FTN System

FTN External System

N Narrow

009
FTN
Narrow
Fixture



P Ø3.5

011
Fixture
Mount



011
Cover
Screw



012
Headless



012
Healing
Abutment



Cement / Screw - Retained Restorations

014
Pick-up
Impression
Coping



015
Transfer
-Impression
Coping



016
Fixture
Analog



016
Abutment
Screw



017
Temporary
Abutment



018
Cemented
Abutment



019
Angled
Abutment



020
UCLA CCM
Abutment



021
UCLA Plastic
Abutment



R Regular

009
FTN
Regular
Fixture



P Ø4.1

011
Fixture
Mount



011
Cover
Screw



012
Headless



012
Healing
Abutment



Cement / Screw - Retained Restorations

014
Pick-up
Impression
Coping



015
Transfer
-Impression
Coping



016
Fixture
Analog



016
Abutment
Screw



017
Temporary
Abutment



018
Cemented
Abutment



019
Angled
Abutment



020
UCLA CCM
Abutment



021
UCLA Plastic
Abutment



Cement / Screw - Retained Restorations (Conical Abutment-Long/Short)

023
Conical
Abutment



023
Healing
Cap



024
Cylinder
Screw



024
Pick-up
Impression
Coping



024
Conical
Abutment
Analog



025
Temporary
Cylinder



025
Plastic
Cylinder



027
Conical
Abutment
-Short



027
Healing Cap



028
Cylinder
Screw



028
Pick-up
Impression
Coping



028
Conical
Abutment
Analog



029
Temporary
Cylinder



029
Plastic
Cylinder



Overdenture Restorations

031
Ball
Abutment



031
Fixture
Analog



032
Retainer



032
Ball Cap



032
O-Ring



W Wide

010
FTN
Wide
Fixture



P Ø5.1

011
Fixture
Mount



011
Cover
Screw



012
Headless



012
Healing
Abutment



Cement / Screw - Retained Restorations

014
Pick-up
Impression
Coping



015
Transfer
-Impression
Coping



016
Fixture
Analog



016
Abutment
Screw



017
Temporary
Abutment



018
Cemented
Abutment



019
Angled
Abutment



020
UCLA CCM
Abutment



021
UCLA Plastic
Abutment



Cement / Screw - Retained Restorations (Conical Abutment-Short)

027
Conical
Abutment
-Short



027
Healing Cap



028
Cylinder
Screw



028
Pick-up
Impression
Coping



028
Conical
Abutment
Analog



FTN External System



W T-Wide



Cement / Screw - Retained Restorations



Cement / Screw - Retained Restorations (Conical Abutment-Short)



Digital Materials

H-Scanbody

033
FTN External -Narrow



033
FTN External -Regular



034
FTN External -Wide



035
FTN External -T-Wide



Scan Adapter

036
FTN External



Pre-Milled Bar

036
FTN External



Hybrid Link

037
FTN External -Narrow



037
FTN External -Regular



038
FTN External -Wide



038
FTN External -T-Wide



Digital Fixture Analog

039
FTN External -Narrow



039
FTN External -Regular



039
FTN External -Wide

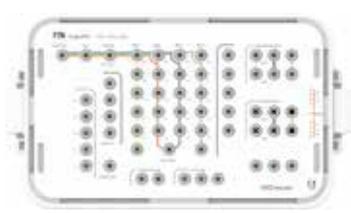


039
FTN External -T-Wide



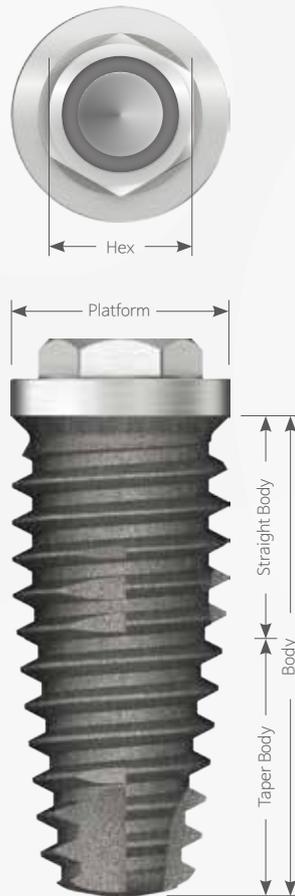
Surgical Kit

040
FTN Surgical Kit
FTN 02



FTN External System

FTN



Compatibility of abutment

External Hex connection that is compatible with Branemark System.

Root Type Body Design

Minimize possibility of damaging of nearby dental root and fenestration in labial bone. Implant can be placed immediately upon extraction of tooth because it has similar shape of root as natural dental root.

No-Mount System

A mount-free dental implants remove the burden of having to remove the mount during surgery and shorten time of surgery. ※ A separate fixture mount can be provided depending on the preference of the operator.

Rotation Stopper (Instrument)

A detachable rotating stopper is attached to the drill to maintain safe drilling depth and minimize damaging of the cortical bone when drilling.

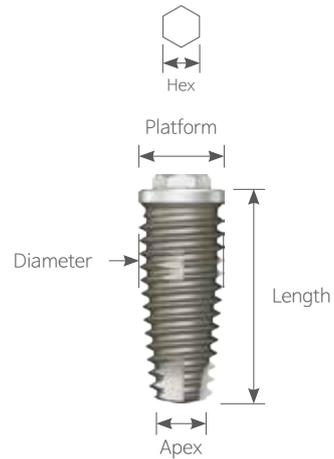
FTN Fixture

FTN

Platform	Ø3.5	Ø4.1	Ø4.5	Ø5.1	Ø5.1	Ø5.0
Diameter	Ø3.3	Ø4.0	Ø4.5	Ø5.0	Ø5.5	Ø5.0
Hex	2.4	2.7	2.7	3.4	3.4	2.7
Length	8.286 ~ 14.957					

HSA

UV Active



- HSA / Packing Unit :
 Fixture | Order code : FTN 0000SF (ex : FTN 3308SF)
 Fixture + Cover Screw | Order code : FTN 0000S (ex : FTN 3308S)
 Fixture Mount + Mount Screw + Fixture + Cover Screw | Order code : PFTN 0000S (ex : PFTN 3308S)
- UV Active / Packing Unit : Fixture | Order code : FTN 0000UV3 (ex : FTN 3308UV3)

F Narrow P Ø3.5 D Ø3.3 Hex 2.4

Unit mm | Scale 1 : 1.5

Length	8.286	9.786	11.286	12.786	14.786
					
HSA	FTN 3308S	FTN 3310S	FTN 3311S	FTN 3313S	FTN 3315S
UV Active	FTN 3308UV3	FTN 3310UV3	FTN 3311UV3	FTN 3313UV3	-

F Regular P Ø4.1 D Ø4.0 Hex 2.7

Unit mm | Scale 1 : 1.5

Length	8.333	9.833	11.333	12.833	14.833
					
HSA	FTN 4008S	FTN 4010S	FTN 4011S	FTN 4013S	FTN 4015S
UV Active	FTN 4008UV3	FTN 4010UV3	FTN 4011UV3	FTN 4013UV3	-

FTN Fixture

F Regular P Ø4.5 D Ø4.5 Hex 2.7

Unit mm | Scale 1:1.5

Length	8.333	9.833	11.333	12.833	14.833
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HSA	FTN 4508S	FTN 4510S	FTN 4511S	FTN 4513S	FTN 4515S
UV Active	FTN 4508UV3	FTN 4510UV3	FTN 4511UV3	FTN 4513UV3	-

F Wide P Ø5.1 D Ø5.0 Hex 3.4

Unit mm | Scale 1:1.5

Length	8.413	9.913	11.413	12.913	14.913
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HSA	FTN 5008S	FTN 5010S	FTN 5011S	FTN 5013S	FTN 5015S
UV Active	FTN 5008UV3	FTN 5010UV3	FTN 5011UV3	FTN 5013UV3	-

F Wide P Ø5.1 D Ø5.5 Hex 3.4

Unit mm | Scale 1:1.5

Length	8.457	9.957	11.457	12.957	14.957
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HSA	FTN 5508S	FTN 5510S	FTN 5511S	FTN 5513S	FTN 5515S
UV Active	FTN 5508UV3	FTN 5510UV3	FTN 5511UV3	FTN 5513UV3	-

F T-Wide P Ø5.0 D Ø5.0 Hex 2.7

Unit mm | Scale 1:1.5

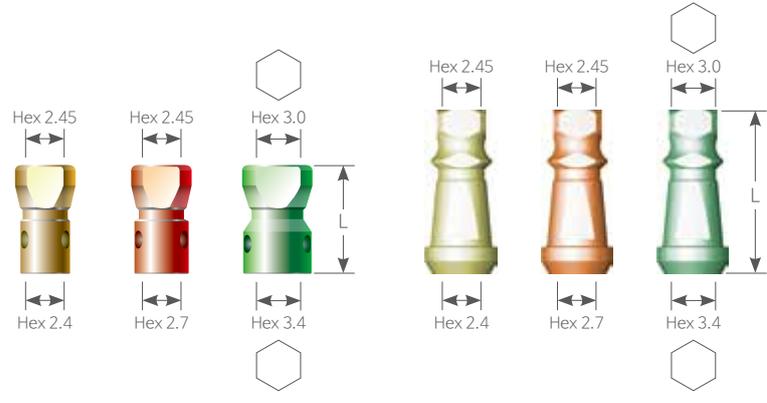
Length	8.413	9.913	11.413	12.913	14.913
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HSA	FTT 5008S	FTT 5010S	FTT 5011S	FTT 5013S	FTT 5015S
UV Active	FTT 5008UV3	FTT 5010UV3	FTT 5011UV3	FTT 5013UV3	-

Fixture Mount

- Mount to prevent internal abrasion on the connection area when a fixture places.
- Mount is available to use as Transfer Impression Coping and Temporary Abutment.



● Sold separately
Unit mm | Scale 1:2

F	Color	Yellow	Red	Green
	Length 8	EMN 3508T (STN 1608)	EMR 4008T (STN 2008H)	EMW 5008T (STN 2508H)
	12	EMN 35210 (STN 1608)	EMR 41210 (STN 2008H)	EMW 51210 (STN 2508H)
	Fixture Mount Driver	MHDC 2520	MHDC 2520	MHDC 3020

Cover Screw

- Uses 0.9 Hex Driver
- Tightening Torque : 5~8Ncm



F	Hex 0.9			
Fixture Size	Narrow	Regular	Wide	T-Wide
Fixture Platform	Ø3.5	Ø4.1 / Ø4.5	Ø5.1	Ø5.0
	CHN 3501	CHN 4001	CHN 5001	CHT 5001

Unit mm | Scale 1:2

Headless

- Used if nearby space is limited or gingiva in the suture area is insufficient
- Uses 0.9 Hex Driver
- Used for both Regular and T-Wide
- Tightening Torque : 5~8Ncm



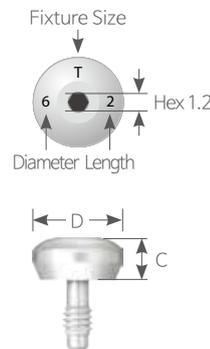
F Hex 0.9

Unit mm | Scale 1:2

Fixture Size	Narrow	Regular · T-Wide	Wide
	CHN 3500N	CHN 4000N	CHN 5000N

Healing Abutment

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



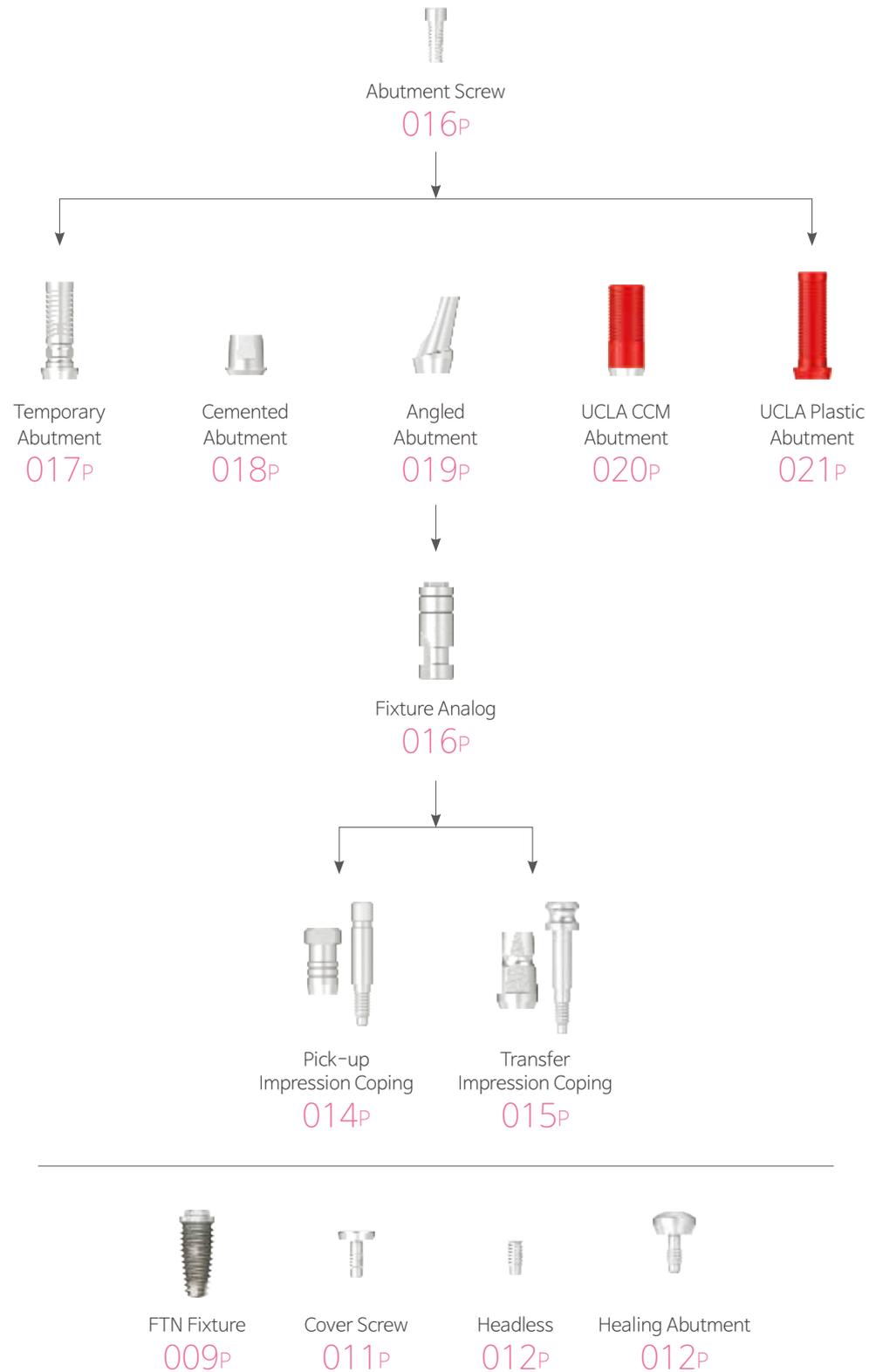
F Hex 1.2

Unit mm | Scale 1:2

Fixture Size	Narrow	Regular	Wide	T-Wide	
Fixture Platform	Ø3.5	Ø4.1 / Ø4.5	Ø5.1	Ø5.0	
Diameter	Ø4.0	Ø5.0	Ø6.0	Ø6.0	
Cuff 2	AHN 35402	AHN 40502	AHN 40602	AHN 50602	AHT 50602
3	AHN 35403	AHN 40503	AHN 40603	AHN 50603	AHT 50603
4	AHN 35404	AHN 40504	AHN 40604	AHN 50604	AHT 50604
5	AHN 35405	AHN 40505	AHN 40605	AHN 50605	AHT 50605
6	AHN 35406	AHN 40506	AHN 40606	AHN 50606	AHT 50606
8	AHN 35408	AHN 40508	AHN 40608	AHN 50608	AHT 50608

Cement / Screw – Retained Restorations

Cemented / Angled / UCLA Abutment

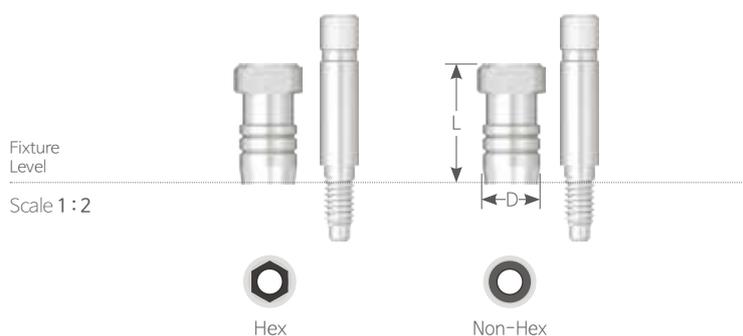


Abutment Components

Pick-up Impression Coping Hex Non-Hex

▶ Custom tray is used for pick-up type of impression taking.

- Asymmetry structure to minimize close interruption
- Increased convenience by long and short composition
- Packing Unit : Pick-up Impression Coping + Guide Pin



F Length 8

Unit mm | Scale 1:2

Fixture Size	Narrow	Regular	Wide	T-Wide
Fixture Platform	Ø3.5	Ø4.1 / Ø4.5	Ø5.1	Ø5.0
Diameter	Ø3.8	Ø4.8	Ø5.8	Ø5.8
Hex	2.4	2.7	3.4	2.7
Hex	IPN 3508	IPN 4008	IPN 5008	IPT 5008
Non-Hex	IPN 3508N	IPN 4008N	IPN 5008N	IPT 5008N
Guide Pin	PMN 35310	PMN 40310	PMN 50310	PMN 40310

F Length 12

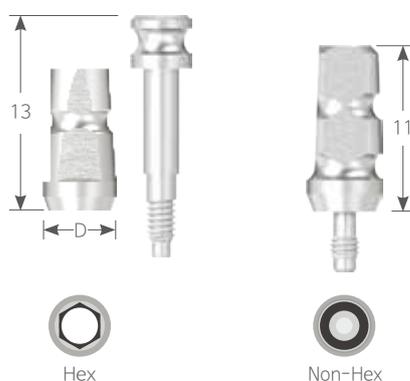
Unit mm | Scale 1:2

Fixture Size	Narrow	Regular	Wide	T-Wide
Fixture Platform	Ø3.5	Ø4.1 / Ø4.5	Ø5.1	Ø5.0
Diameter	Ø3.8	Ø4.8	Ø5.8	Ø5.8
Hex	2.4	2.7	3.4	2.7
Hex	IPN 35412	IPN 40512	IPN 50612	IPT 50612
Non-Hex	IPN 35412N	IPN 40512N	IPN 50612N	IPT 50612N
Guide Pin	PMN 35315	PMN 40315	PMN 50315	PMN 40315

Transfer Impression Coping Hex Non-Hex

▶ Ready-made tray is used for transfer type of impression taking.

- Hex type is two-piece structure and Non-Hex type is one-piece structure
- Uses 1.2 Hex Driver
- Packing Unit : Transfer Impression Coping + Coping Screw (Hex)
Transfer Impression Coping (Non-Hex)



F Hex Length 13

Unit mm | Scale 1:2

Fixture Size	Narrow	Regular	Wide	T-Wide
Fixture Platform	Ø3.5	Ø4.1 / Ø4.5	Ø5.1	Ø5.0
Diameter	Ø4.0	Ø5.0	Ø6.0	Ø6.0
Hex	2.4	2.7	3.4	2.7
Hex	ITN 35412H	ITN 40512H	ITN 50612H	ITT 50612H
Coping Screw	ITN 35412S	ITN 40512S	ITN 50612S	ITT 50612S

F Non-Hex Length 11

Unit mm | Scale 1:2

Fixture Size	Narrow	Regular	Wide	T-Wide
Fixture Platform	Ø3.5	Ø4.1 / Ø4.5	Ø5.1	Ø5.0
Diameter	Ø4.0	Ø5.0	Ø6.0	Ø6.0
Hex	2.4	2.7	3.4	2.7
	ITN 35412	ITN 40512	ITN 50612	ITT 50612

Abutment Components

Fixture Analog

► Providing anchor point for fabricating implant prosthetics on working model.



F Hex Length 12

Unit mm | Scale 1:2

Fixture Size	Narrow	Regular	Wide	T-Wide
Fixture Platform	Ø3.5	Ø4.1 / Ø4.5	Ø5.1	Ø5.0
Hex	2.4	2.7	3.4	2.7
	RMN 35312	RMN 40412	RMN 50512	RMT 50512

Abutment Screw



F Hex / Torx

Unit mm | Scale 1:2

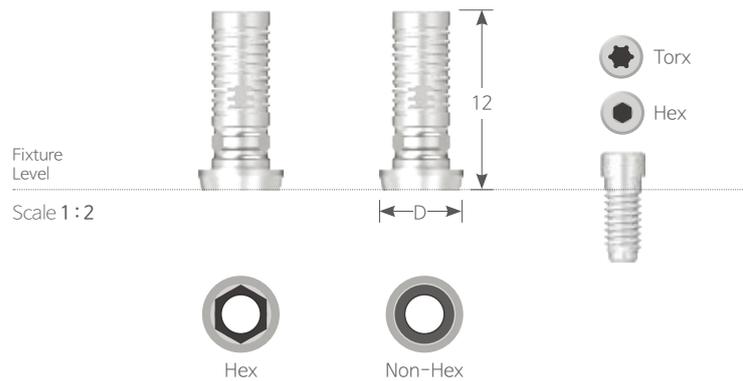
Fixture Size	Narrow	Regular	Wide	T-Wide
Fixture Platform	Ø3.5	Ø4.1 / Ø4.5	Ø5.1	Ø5.0
1.2 Hex	STN 1608H	STN 2008H	STN 2508H	STN 2008H
1.7 Torx	STN 1608	STN 2008	STN 2508	STN 2008

Temporary Abutment

Hex Non-Hex

► Used when temporary prosthesis is made

- Structure for easy customization and minimized indication
- Packing Unit : Abutment + Abutment Screw (1.2 Hex : [H])
- Tightening Torque : N-20Ncm / R,W-30Ncm



F Hex

Unit mm | Scale 1 : 1.25

Fixture Size	Narrow	Regular	Wide	T-Wide
Fixture Platform	Ø3.5	Ø4.1 / Ø4.5	Ø5.1	Ø5.0
Diameter	Ø4.0	Ø4.5	Ø5.5	Ø5.5
Hex	2.4	2.7	3.4	2.7



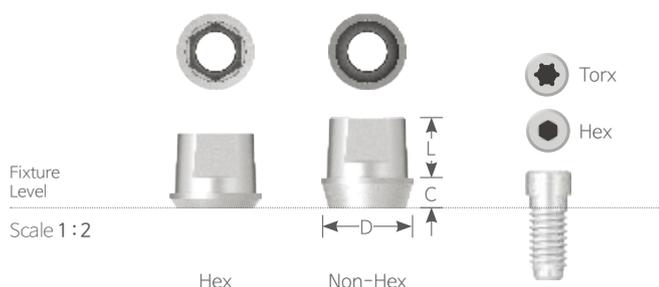
Hex	TMN 35412	TMN 40512	TMN 50612	TMT 50612
Non-Hex	TMN 35412N	TMN 40512N	TMN 50612N	TMT 50612N

Cemented Abutment

Hex Non-Hex

► For cement retained prosthesis

- Taper Body Design
- Uses 1.2 Hex Driver, 1.7 Torx Driver
- Packing Unit : Abutment + Abutment Screw
(1.2 Hex : [H], 1.7 Torx : [T])
- Tightening Torque : N-20Ncm / R,W-30Ncm



F Hex

Unit mm

Fixture Size	Narrow	Regular		Wide	T-Wide	
Fixture Platform	Ø3.5	Ø4.1 / Ø4.5		Ø5.1	Ø5.0	
Diameter	Ø4.0	Ø5.0	Ø6.0	Ø6.0	Ø6.0	
Hex	2.4	2.7	2.7	3.4	2.7	
Cuff 1	Length 4	AMN 35415	AMN 40515	AMN 40615	AMN 50615	AMT 50615
	5.5	AMN 35416	AMN 40516	AMN 40616	AMN 50616	AMT 50616
	7	AMN 35418	AMN 40518	AMN 40618	AMN 50618	AMT 50618
Cuff 2	Length 4	AMN 35426	AMN 40526	AMN 40626	AMN 50626	AMT 50626
	5.5	AMN 35427	AMN 40527	AMN 40627	AMN 50627	AMT 50627
	7	AMN 35429	AMN 40529	AMN 40629	AMN 50629	AMT 50629
Cuff 3	Length 4	AMN 35437	AMN 40537	AMN 40637	AMN 50637	AMT 50637
	5.5	AMN 35438	AMN 40538	AMN 40638	AMN 50638	AMT 50638
	7	AMN 35430	AMN 40530	AMN 40630	AMN 50630	AMT 50630
Cuff 4	Length 4	AMN 35448	AMN 40548	AMN 40648	AMN 50648	AMT 50648
	5.5	AMN 35449	AMN 40549	AMN 40649	AMN 50649	AMT 50649
	7	AMN 35441	AMN 40541	AMN 40641	AMN 50641	AMT 50641

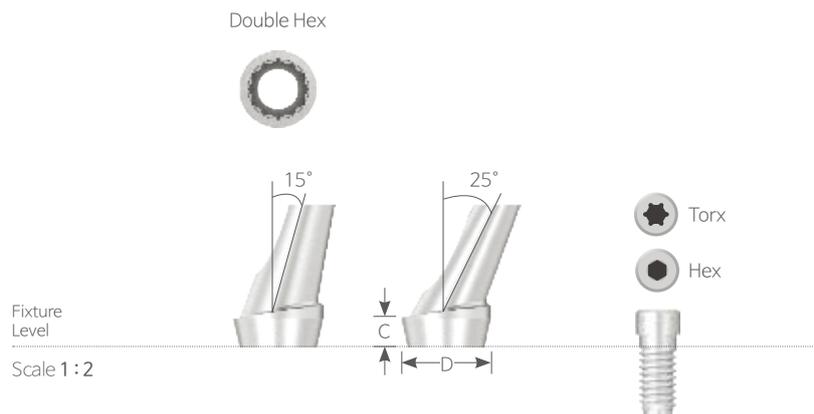
F Non-Hex

Fixture Size	Narrow	Regular		Wide	T-Wide	
Fixture Platform	Ø3.5	Ø4.1 / Ø4.5		Ø5.1	Ø5.0	
Diameter	Ø4.0	Ø5.0	Ø6.0	Ø6.0	Ø6.0	
Cuff 1	Length 4	AMN 35415N	AMN 40515N	AMN 40615N	AMN 50615N	AMT 50615N
	5.5	AMN 35416N	AMN 40516N	AMN 40616N	AMN 50616N	AMT 50616N
	7	AMN 35418N	AMN 40518N	AMN 40618N	AMN 50618N	AMT 50618N
Cuff 2	Length 4	AMN 35426N	AMN 40526N	AMN 40626N	AMN 50626N	AMT 50626N
	5.5	AMN 35427N	AMN 40527N	AMN 40627N	AMN 50627N	AMT 50627N
	7	AMN 35429N	AMN 40529N	AMN 40629N	AMN 50629N	AMT 50629N
Cuff 3	Length 4	AMN 35437N	AMN 40537N	AMN 40637N	AMN 50637N	AMT 50637N
	5.5	AMN 35438N	AMN 40538N	AMN 40638N	AMN 50638N	AMT 50638N
	7	AMN 35430N	AMN 40530N	AMN 40630N	AMN 50630N	AMT 50630N
Cuff 4	Length 4	AMN 35448N	AMN 40548N	AMN 40648N	AMN 50648N	AMT 50648N
	5.5	AMN 35449N	AMN 40549N	AMN 40649N	AMN 50649N	AMT 50649N
	7	AMN 35441N	AMN 40541N	AMN 40641N	AMN 50641N	AMT 50641N

Angled Abutment

► Used to modify the fixture's path

- Overcome directional limitation of the abutment using double hex connection
- Uses 1.2 Hex Driver
- Packing Unit : Abutment + Abutment Screw (1.2 Hex : [H])
- Tightening Torque : N-20Ncm / R,W-30Ncm



F Hex

Unit mm | Scale 1 : 1.25

Fixture Size	Narrow	Regular	Wide	T-Wide
Fixture Platform	Ø3.5	Ø4.1 / Ø4.5	Ø5.1	Ø5.0
Diameter	Ø4.0	Ø5.0	Ø6.0	Ø6.0
Hex	2.4	2.7	3.4	2.7



Angle 15°	Cuff 2	AAN 35215	AAN 40215	AAN 50215	AAT 50215
	4	AAN 35415	AAN 40415	AAN 50415	AAT 50415
Angle 25°	Cuff 2	AAN 35225	AAN 40225	AAN 50225	AAT 50225
	4	AAN 35425	AAN 40425	AAN 50425	AAT 50425

UCLA Abutment

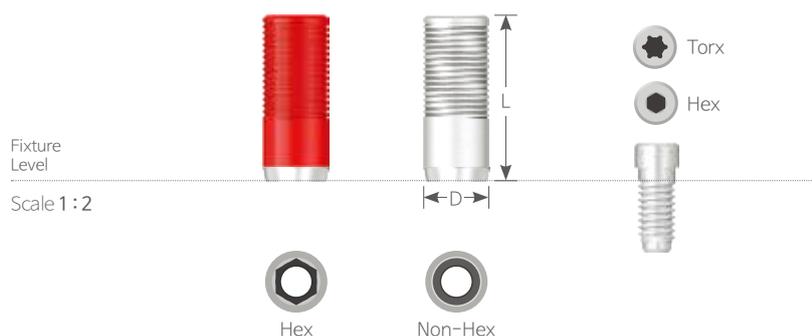
UCLA CCM Abutment

Hex **Non-Hex**

► Can be used when there is limitation on path, esthetics, space etc.

· Packing Unit : Abutment + Abutment Screw (1.2 Hex : [H])

· Tightening Torque : N-20Ncm / R,W-30Ncm



F Hex

Unit mm | Scale 1 : 1.25

Fixture Size	Narrow	Regular	Wide	T-Wide
Fixture Platform	Ø3.5	Ø4.1 / Ø4.5	Ø5.1	Ø5.0
Diameter	Ø4.0	Ø4.5	Ø5.5	Ø5.5
Hex	2.4	2.7	3.4	2.7



F Non-Hex

Unit mm | Scale 1 : 1.25

Fixture Size	Narrow	Regular	Wide	T-Wide
Fixture Platform	Ø3.5	Ø4.1 / Ø4.5	Ø5.1	Ø5.0
Diameter	Ø4.0	Ø4.5	Ø5.5	Ø5.5

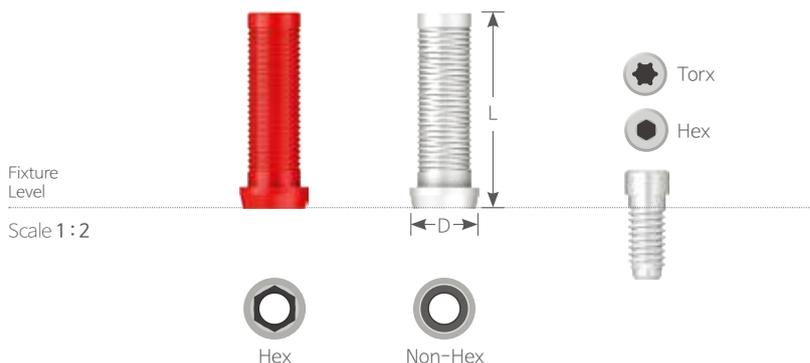


UCLA Plastic Abutment Hex Non-Hex

► Can be used when there is limitation on path, esthetics, space etc.

· Packing Unit : Abutment + Abutment Screw (1.2 Hex : [H])

· Tightening Torque : N-20Ncm / R,W-30Ncm



F Hex

Unit mm | Scale 1 : 1.25

Fixture Size	Narrow	Regular	Wide	T-Wide
Fixture Platform	Ø3.5	Ø4.1 / Ø4.5	Ø5.1	Ø5.0
Diameter	Ø4.0	Ø4.5	Ø5.5	Ø5.5
Hex	2.4	2.7	3.4	2.7



F Non-Hex

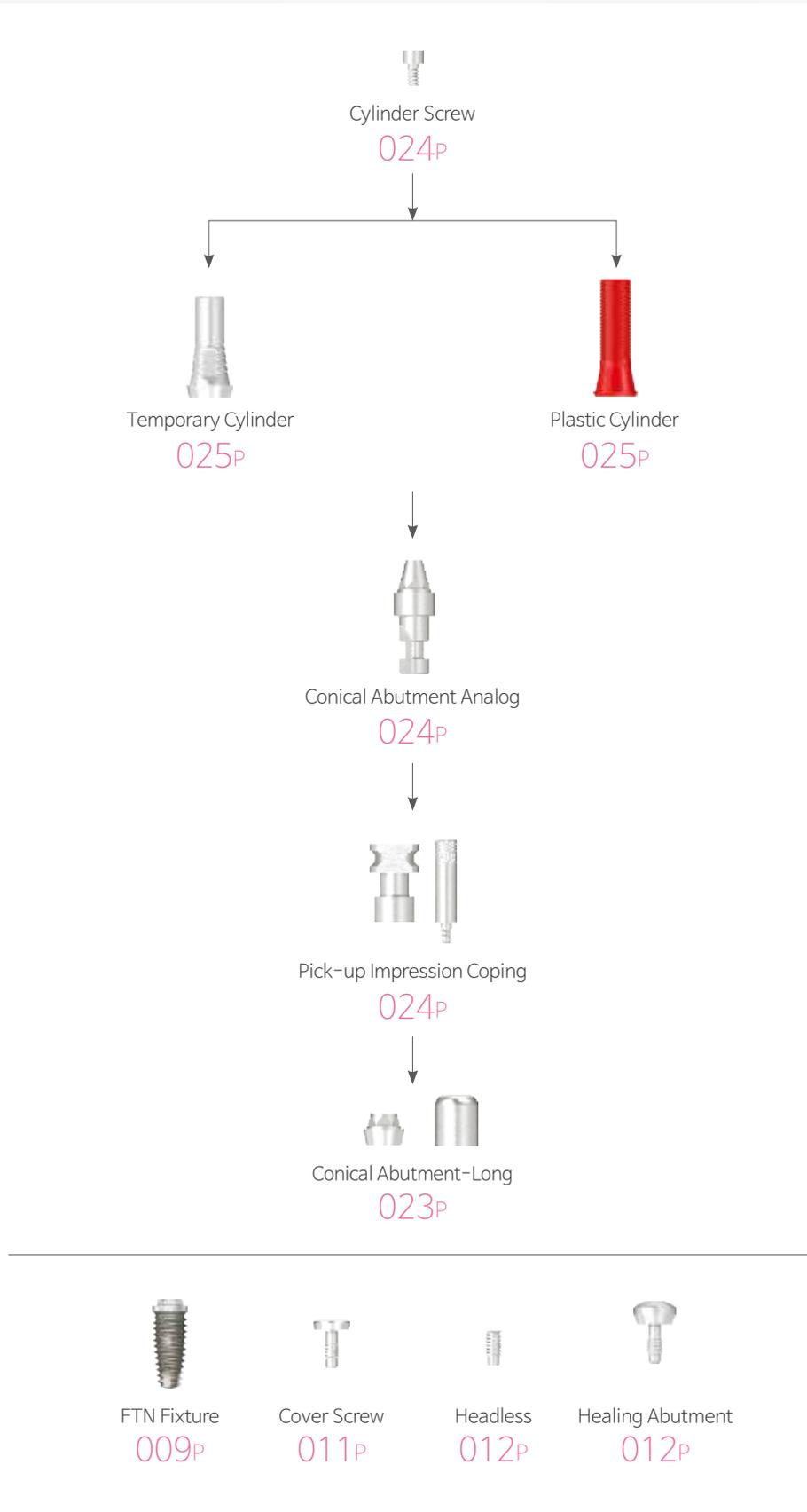
Unit mm | Scale 1 : 1.25

Fixture Size	Narrow	Regular	Wide	T-Wide
Fixture Platform	Ø3.5	Ø4.1 / Ø4.5	Ø5.1	Ø5.0
Diameter	Ø4.0	Ø4.5	Ø5.5	Ø5.5



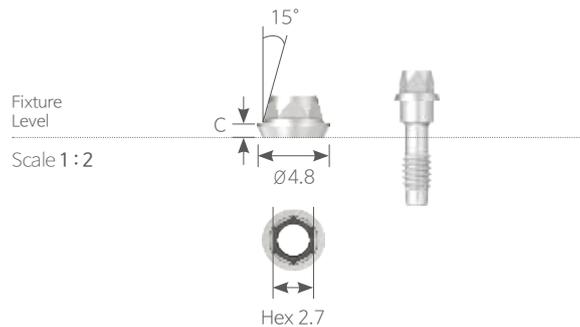
Cement / Screw – Retained Restorations

Conical Abutment – Long



Conical Abutment Long

- Structure that makes prosthesis on a cylinder after connecting the abutment inside the mouth
- Path correction of up to 30°degrees
- Uses 2.0 Conical Abutment Driver (HD 2012A)
- Packing Unit : Abutment + Abutment Screw
- Tightening Torque : 30Ncm



F D Ø4.8 Hex 2.7

Unit mm | Scale 1 : 1.25

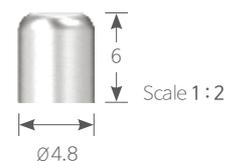
Fixture Size	Regular			
Fixture Platform	Ø4.1 / Ø4.5			
Cuff	1	2	3	4

				
	ACN 40513	ACN 40524	ACN 40535	ACN 40546
Screw	SHN 2009	SHN 2010	SHN 2011	SHN 2012

Healing Cap

► Used for taking impression of Conical Abutment

- Uses 1.2 Hex Driver
- Tightening Torque : 20Ncm



F D Ø4.8 Length 6

Unit mm

Fixture Size	Regular
	HCN 40506

Conical Abutment Long _ Components

Cylinder Screw

· Uses 1.2 Hex Driver, 0.5 Slot Driver



1.2 Hex

0.5 Slot

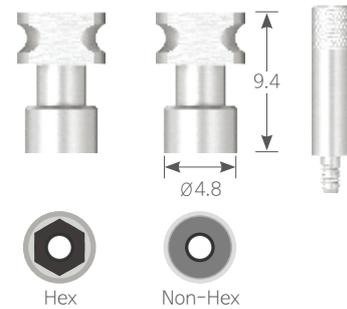
F

Unit mm | Scale 1:2

Fixture Size	Regular	
Type	1.2 Hex SHN 1404	0.5 Slot SSN 1404

Pick-up Impression Coping Hex Non-Hex

- Final impression coping, exclusive for the Conical Abutment
- Custom tray is used for pick-up type of impression taking
- Uses 1.2 Hex Driver
- Packing Unit : Pick-up Impression Coping + Guide Pin



Hex

Non-Hex

F D Ø4.8 Length 9.4

Unit mm | Scale 1:2

Fixture Size	Regular	
Type	Hex IPN 40510	Non-Hex IPN 40510N

Conical Abutment Analog

· Providing anchor point for fabricating implant prosthetics on working model.



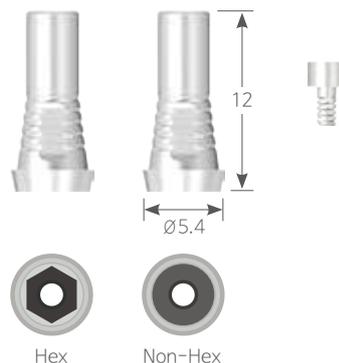
F D Ø4.8 Length 14

Unit mm | Scale 1:2

Fixture Size	Regular	
	RCN 40414	

Temporary Cylinder Hex Non-Hex

- Used for prosthesis for the Conical Abutment
- Structure for easy customization and minimized indication
- Uses 1.2 Hex Driver
- Packing Unit : Temporary Cylinder + Cylinder Screw (SHN 1404)
- Tightening Torque : 20Ncm



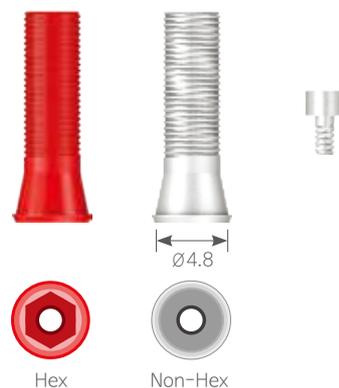
F D Ø5.4 Length 12

Unit mm | Scale 1 : 2

Fixture Size	Regular	
Type	Hex	Non-Hex
	TCN 40512	TCN 40512N

Plastic Cylinder Hex Non-Hex

- After the customization, **non-precious metal alloy will be casted only.**
- Uses 1.2 Hex Driver
- Packing Unit : Plastic Cylinder + Cylinder Screw (SHN 1404)
- Tightening Torque : 20Ncm



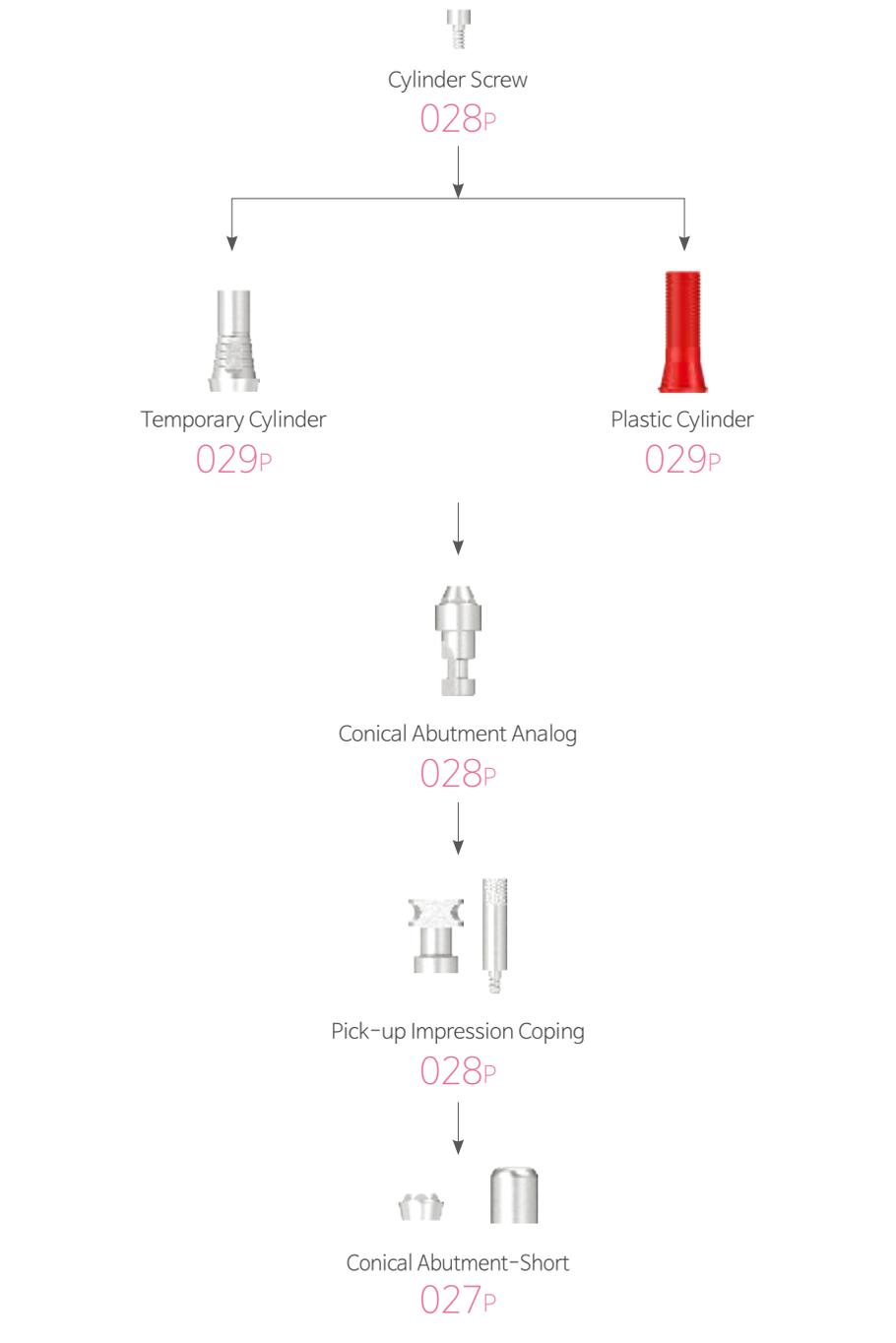
F D Ø4.8

Unit mm | Scale 1 : 2

Fixture Size	Regular	
Type	Hex	Non-Hex
	APN 40514	APN 40514N

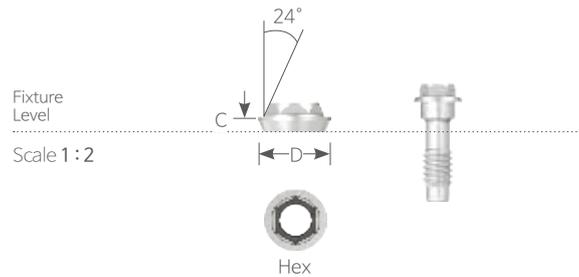
Cement / Screw – Retained Restorations

Conical Abutment – Short



Conical Abutment Short

- Use for fabrication of screw-retained esthetic restorations.
- Structure that makes prosthesis on a cylinder after connecting the abutment inside the mouth
- Path correction of up to 48° degrees
- Uses 2.0 / 2.7 Conical Abutment Driver
- Packing Unit : Abutment + Abutment Screw
- Tightening Torque : 30Ncm



F

Unit mm | Scale 1 : 1.25

Fixture Size	Regular		Wide		T-Wide	
Fixture Platform	Ø4.1 / Ø4.5		Ø5.1		Ø5.0	
Diameter	Ø4.8		Ø5.5		Ø5.5	
Hex	2.7		3.4		2.7	
Type	Abutment	Screw	Abutment	Screw	Abutment	Screw
Cuff 1	ACN 40512	SHN 2008S	ACN 50612	SHN 2508	ACT 50612	SHT 2008S
2	ACN 40523	SHN 2009S	ACN 50623	SHN 2509	ACT 50623	SHT 2009S
3	ACN 40534	SHN 2010S	ACN 50634	SHN 2510	ACT 50634	SHT 2010S
4	ACN 40545	SHN 2011S	ACN 50645	SHN 2511	ACT 50645	SHT 2011S
Driver	HD 2012A		HD 2712A		HD 2012A	

Healing Cap

► Use for protecting a conical abutment and minimizing feeling of irritation from the patient's mouth.

- Uses 1.2 Hex Driver
- Tightening Torque : 20Ncm



F Length 4.5

Unit mm | Scale 1 : 2

Fixture Size	Regular	Wide • T-Wide
Diameter	Ø5.0	Ø5.8
	HCN 40504	HCN 50604

Conical Abutment Short _ Components

Cylinder Screw

· Uses 1.2 Hex Driver, 0.5 Slot Driver

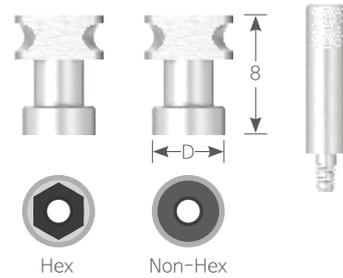


F Unit mm | Scale 1:2

Fixture Size	Regular	Wide · T-Wide
1.2 Hex	SHN 1403	SHN 2003
0.5 Slot	SSN 1403	SSN 2003

Pick-up Impression Coping Hex Non-Hex

- Final impression coping, exclusive for the Conical Abutment
- Custom tray is used for Pick-up type of impression taking
- Packing Unit : Pick-up Impression Coping + Guide Pin



F Length 8 Unit mm | Scale 1:2

Fixture Size	Regular		Wide · T-Wide	
Diameter	Ø4.8		Ø5.5	
Type	Hex	Non-Hex	Hex	Non-Hex
	IPN 40508	IPN 40508N	IPN 50608	IPN 50608N
Guide Pin	PCN 40310		PCN 50310	

Conical Abutment Analog

· Providing anchor point for fabricating implant prosthetics on working model.

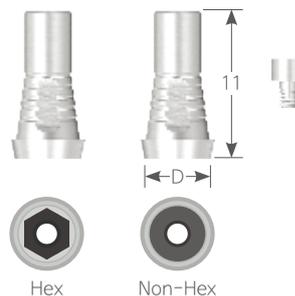


F Length 12 Unit mm | Scale 1:2

Fixture Size	Regular	Wide · T-Wide
Diameter	Ø4.8	Ø5.5
	RCN 40412	RCN 50512

Temporary Cylinder Hex Non-Hex

- Used for prosthesis for the Conical Abutment
- Structure for easy customization and minimized indication
- Uses 1.2 Hex Driver
- Packing Unit : Temporary Cylinder + Cylinder Screw
- Tightening Torque : 20Ncm



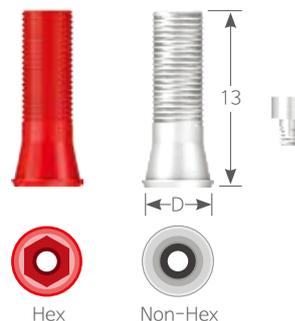
F Length 11

Unit mm | Scale 1 : 18

Fixture Size	Regular		Wide · T-Wide	
Diameter	Ø4.8		Ø5.5	
Type	Hex	Non-Hex	Hex	Non-Hex
Screw	TCN 40511	TCN 40511N	TCN 50611	TCN 50611N
	SHN 1403	SHN 1403	SHN 2003	SHN 2003

Plastic Cylinder Hex Non-Hex

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



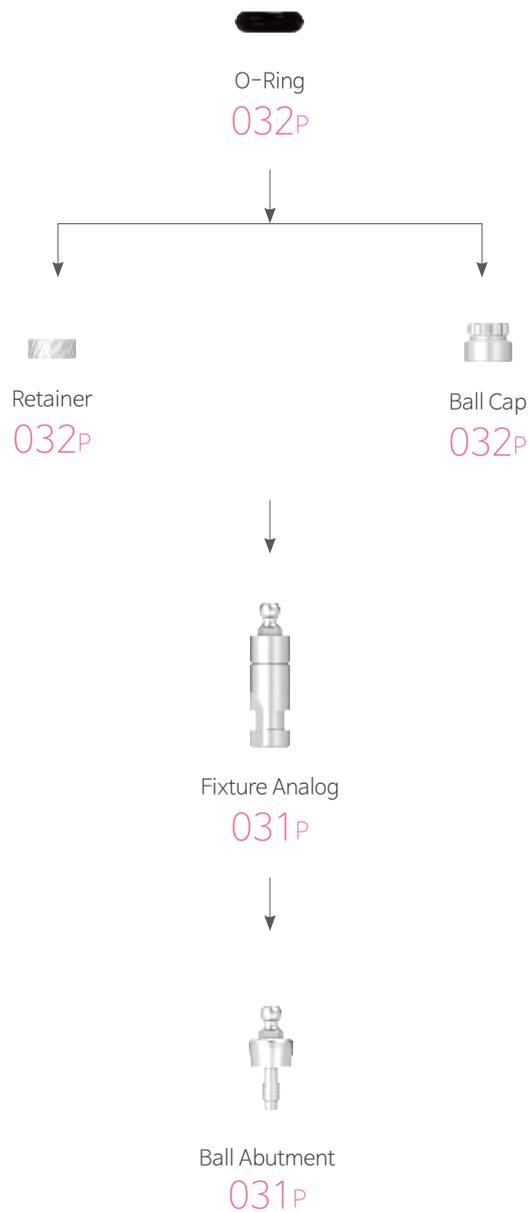
F Length 13

Unit mm | Scale 1 : 18

Fixture Size	Regular		Wide · T-Wide	
Diameter	Ø4.8		Ø5.5	
Type	Hex	Non-Hex	Hex	Non-Hex
Screw	APN 40514S	APN 40514SN	APN 50614	APN 50614N
	SHN 1403	SHN 1403	SHN 2003	SHN 2003

Overdenture Restorations

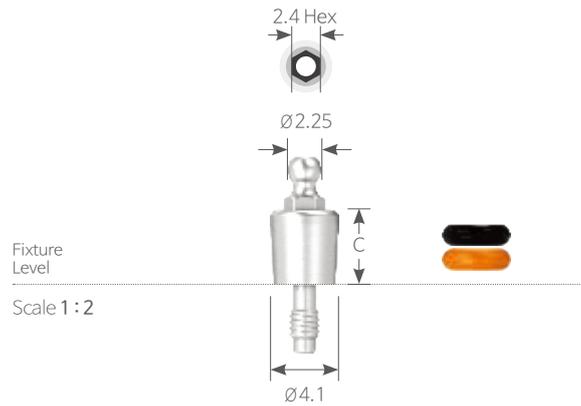
Ball Abutment



Ball Abutment

► Used to create overdenture for edentulous patient.

- Composition of O-Ring : For dental lab use (Black), for clinic use (Orange)
- Path recovery to the maximum of 20°
- Uses Ball Abutment Driver
- Packing Unit : Abutment + O-Ring (OR 0450B + OR 0450O)
- Tightening Torque : 35Ncm



F D Ø4.1

Unit mm | Scale 1 : 1.25

Fixture Size	Regular			
Cuff	2	3	4	5



ABN 40502



ABN 40503



ABN 40504



ABN 40505

Fixture Analog

- Provides anchor point for Ball Abutment on working model.



F D Ø4.1 Length 15.5

Unit mm | Scale 1 : 2

Fixture Size	Regular
--------------	---------

RBN 40412

Ball Abutment Components

Retainer

- Advantageous when occlusal distance is low compare to Ball Cap.
- Packing Unit : Retainer + O-Ring (OR 0450B + OR 04500)



F D Ø5.0 Length 2

Unit mm | Scale 1:2

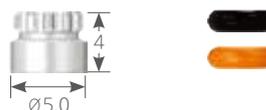
Fixture Size

Regular

RT 0502

Ball Cap

- Outstanding consistency and clip-on
- Packing Unit : Ball Cap + O-Ring (OR 0450B + OR 04500)



F D Ø5.0 Length 4

Unit mm | Scale 1:2

Fixture Size

Regular

BC 5004

O-Ring

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



F D Ø4.5

Unit mm | Scale 1:2

Fixture Size

Regular

OR 0450B

OR 04500

Color

● Black

● Orange

H-Scanbody

FTN External Narrow

Top view

● Sold separately
 Unit mm | Scale 1 : 1.25

Length	4	6	8	Jig
	 	 	 	
Screw	ENHSB 441H ESSC 1606H	ENHSB 461H ESSC 1608H	ENHSB 481H ESSC 1610H	JIG 401 -

FTN External Regular

Top view

● Sold separately
 Unit mm | Scale 1 : 1.25

Length	4	6	8	Jig
	 	 	 	
Screw	ERHSB 541H ESSC 2006H	ERHSB 561H ESSC 2008H	ERHSB 581H ESSC 2010H	JIG 501 -

FTN External Regular

Top view

● Sold separately
 Unit mm | Scale 1 : 1.25

Length	4	6	8	Jig
	 	 	 	
Screw	ERHSB 641H ESSC 2006H	ERHSB 661H ESSC 2008H	ERHSB 681H ESSC 2010H	JIG 601 -

H-Scanbody

FTN External Wide

Top view



● Sold separately

Unit mm | Scale 1 : 1.25

F D Ø6.0

Length	4	6	8	Jig
--------	---	---	---	-----

				
				
Screw	EWHSB 641H ESSC 2506H	EWHSB 661H ESSC 2508H	EWHSB 681H ESSC 2510H	JIG 601 -

Top view



F D Ø7.0

Length	4	6	8	Jig
--------	---	---	---	-----

				
				
Screw	EWHSB 741H ESSC 2506H	EWHSB 761H ESSC 2508H	EWHSB 781H ESSC 2510H	JIG 701 -

FTN External T-Wide

Top view

 ● Sold separately
 Unit mm | Scale 1 : 1.25

Length	4	6	8	Jig
				
Screw	ETHSB 641H ESSC 2006H	ETHSB 661H ESSC 2008H	ETHSB 681H ESSC 2010H	JIG 601 -

Top view


Length	4	6	8	Jig
				
Screw	ETHSB 741H ESSC 2006H	ETHSB 761H ESSC 2008H	ETHSB 781H ESSC 2010H	JIG 701 -

Scan Adapter

- Manufacture of customized abutment by connecting to the fixture in the mouth or lab analog of the plaster model and scanning with an oral scanner or desk scanner
- The library can be downloaded from the home page.
<http://hq.dionavi.com/cad/cadlib.co>

FTN External

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



F		Unit mm			
Fixture Size	Narrow	Regular	Wide	T-Wide	
Length 9	SCAN 04	SCAN 05	SCAN 06	SCAN 21	
15	SCAN 04-15	SCAN 05-15	SCAN 06-15	SCAN 21-15	
Screw	STN 1608H	STN 2008H	STN 2508H	STN 2008H	

Pre-Milled Bar

FTN External

- Packing Unit : Pre-Milled Bar + Screw
- Tightening Torque : N-20Ncm / R,W-30Ncm



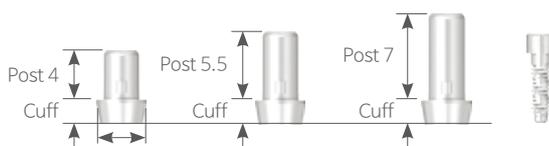
F D Ø12		Unit mm			
Fixture Size	Narrow	Regular	Wide	T-Wide	
Hex	CBEN 02	CBER 02	CBEW 02	CBET 02	
Non-Hex	CBEN 02N	CBER 02N	CBEW 02N	CBET 02N	
Screw	STN 1608H	STN 2008H	STN 2508H	STN 2008H	

Hybrid Link

- Up to implant platform connection part is made of titanium, making it easy to produce prosthesis for anterior teeth by cementation the post made of zirconia
- The library can be downloaded from the home page.
<http://hq.dionavi.com/cad/cadlib.co>

FTN External Narrow

- Packing Unit : Hybrid Link + Screw (HSC 1608H)
- Tightening Torque : N-20Ncm / R,W-30Ncm



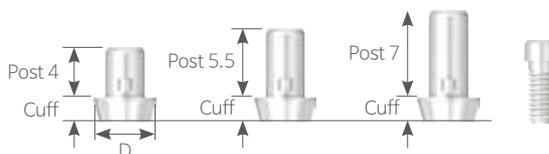
F D Ø4.0

Unit mm | Scale 1 : 1.65

Diameter Ø4.0	Type		Hex	Non-Hex
	Diameter Ø4.0	Post 4	Cuff 1.5	ENHL 40401H
Cuff 2			ENHL 40402H	ENHL 40402N
Cuff 3			ENHL 40403H	ENHL 40403N
Post 5.5		Cuff 1.5	ENHL 40501H	ENHL 40501N
		Cuff 2	ENHL 40502H	ENHL 40502N
		Cuff 3	ENHL 40503H	ENHL 40503N
Post 7		Cuff 1.5	ENHL 40701H	ENHL 40701N
		Cuff 2	ENHL 40702H	ENHL 40702N
		Cuff 3	ENHL 40703H	ENHL 40703N

FTN External Regular

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



F D Ø5.0

Unit mm | Scale 1 : 1.65

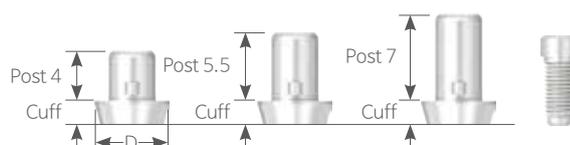
Diameter Ø5.0	Type		Hex	Non-Hex
	Diameter Ø5.0	Post 4	Cuff 1.5	ERHL 50401H
Cuff 2			ERHL 50402H	ERHL 50402N
Cuff 3			ERHL 50403H	ERHL 50403N
Post 5.5		Cuff 1.5	ERHL 50501H	ERHL 50501N
		Cuff 2	ERHL 50502H	ERHL 50502N
		Cuff 3	ERHL 50503H	ERHL 50503N
Post 7		Cuff 1.5	ERHL 50701H	ERHL 50701N
		Cuff 2	ERHL 50702H	ERHL 50702N
		Cuff 3	ERHL 50703H	ERHL 50703N

Hybrid Link

- Up to implant platform connection part is made of titanium, making it easy to produce prosthesis for anterior teeth by cementation the post made of zirconia
- The library can be downloaded from the home page.
<http://hq.dionavi.com/cad/cadlib.co>

FTN External Wide

- Packing Unit : Hybrid Link + Screw (STN 2508H)
- Tightening Torque : 30~35Ncm



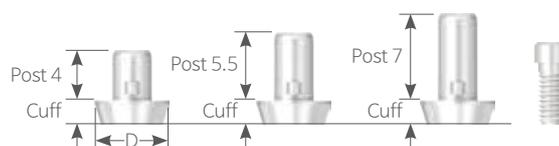
F D Ø6.0

Unit mm | Scale 1 : 1.65

Diameter Ø6.0	Type		Hex	Non-Hex
	Diameter Ø6.0	Post 4	Cuff 1.5	EWHL 60401H
Cuff 2			EWHL 60402H	EWHL 60402N
Cuff 3			EWHL 60403H	EWHL 60403N
Post 5.5		Cuff 1.5	EWHL 60501H	EWHL 60501N
		Cuff 2	EWHL 60502H	EWHL 60502N
		Cuff 3	EWHL 60503H	EWHL 60503N
Post 7		Cuff 1.5	EWHL 60701H	EWHL 60701N
		Cuff 2	EWHL 60702H	EWHL 60702N
		Cuff 3	EWHL 60703H	EWHL 60703N

FTN External T-Wide

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



F D Ø6.0

Unit mm | Scale 1 : 1.65

Diameter Ø6.0	Type		Hex	Non-Hex
	Diameter Ø6.0	Post 4	Cuff 1.5	ETHL 60401H
Cuff 2			ETHL 60402H	ETHL 60402N
Cuff 3			ETHL 60403H	ETHL 60403N
Post 5.5		Cuff 1.5	ETHL 60501H	ETHL 60501N
		Cuff 2	ETHL 60502H	ETHL 60502N
		Cuff 3	ETHL 60503H	ETHL 60503N
Post 7		Cuff 1.5	ETHL 60701H	ETHL 60701N
		Cuff 2	ETHL 60702H	ETHL 60702N
		Cuff 3	ETHL 60703H	ETHL 60703N

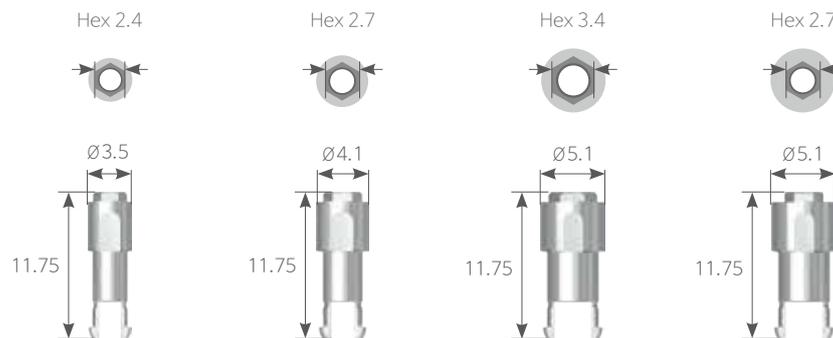
Digital Fixture Analog

- Provides anchor point for abutment on 3D printed working model.
- The library can be downloaded from the home page.
<http://hq.dionavi.com/cad/cadlib.co>

F Hex Length 11.75

Unit mm | Scale 1 : 1.65

Fixture Size	Narrow	Regular	Wide	T-Wide
Diameter	Ø3.5	Ø4.1	Ø5.1	Ø5.1
Hex	2.4	2.7	3.4	2.7
Code	DAE 3511	DAE 4111	DAE 5111	DAE T5111



FTN Surgical Kit Kit Code | FTN 02

- Kit composed of drill with outstanding cutting force and durability, etc.
- FTN Fixture

Unit mm | Drill Scale 1 : 0.9

The diagram shows the FTN Surgical Kit components and their placement on a surgical fixture. The fixture is a rectangular tray with various drill holes and slots, labeled with 'FTN Surgical Kit' and 'DIO IMPLANT'. The components are as follows:

- Starter Drill** SD 1530
- Initial Drill** DHF 2015SD
- Pilot Drill** PS 3512
- Tapered Drill**
 - DTH 3308SD DTH 4008SD DTH 4508SD DTH 5008SD
 - DTH 3310SD DTH 4010SD DTH 4510SD DTH 5010SD
 - DTH 3311SD DTH 4011SD DTH 4511SD DTH 5011SD
 - DTH 3313SD DTH 4013SD DTH 4513SD DTH 5013SD
 - DTH 3315SD DTH 4015SD DTH 4515SD DTH 5015SD
- Stopper**
 - ST 3300F
 - ST 4000F
 - ST 4500F
 - ST 5000F
- Parallel Pin** PP 2015 PP 2022
- Drill Stopper**
 - ST 2008F
 - ST 2010F
 - ST 2011F
 - ST 2013F
 - ST 2015F
- Drill Extension** DE 3811
- Counter Sinker**
 - NCS 3508
 - NCS 4108
 - NCS 5108
- Fixture Ratchet Driver**
 - HGW 3513A · HGW 3521A
 - HGW 4013A · HGW 4021A
 - HGW 5013A · HGW 5021A
- Fixture Machine Driver**
 - HGC 3524
 - HGC 3524 · HGC 3530
 - HGC 4024 · HGC 4030
 - HGC 5024 · HGC 5030
- Screw Driver**
 - HD0915A
 - HD1215A
 - HD1715A
- Positioning Guide** PG 0050 · PG 0060
- Depth Gauge** DPE 2050
- Open Wrench** OW 004
- Ratchet Wrench** DRW 050

Surgical Tool

Starter Drill



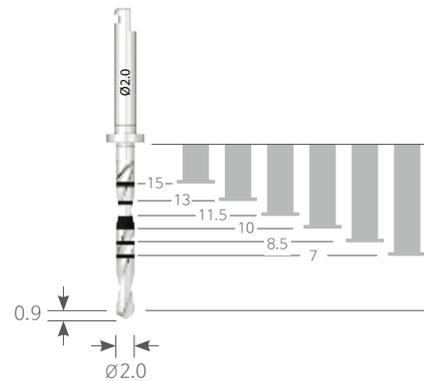
K D Ø1.5

Unit mm | Scale 1:1.2

Code

SD 1530

Initial Drill



K D Ø2.0

Unit mm | Scale 1:1.2

Code

DHF 2015SD

Drill stopper

K D Ø2.0

Unit mm | Scale 1:1.2

Code

ST 2015F

ST 20013F

ST 2011F

ST 2010F

ST 2008F



Parallel Pin

K

● Sold separately

Unit mm | Scale 1:1

Code

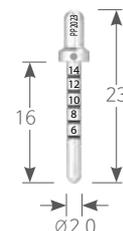
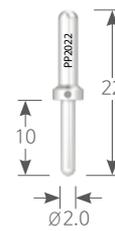
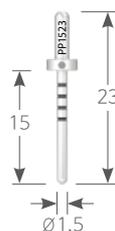
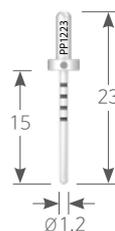
PP 1223

PP 1523

PP 2015

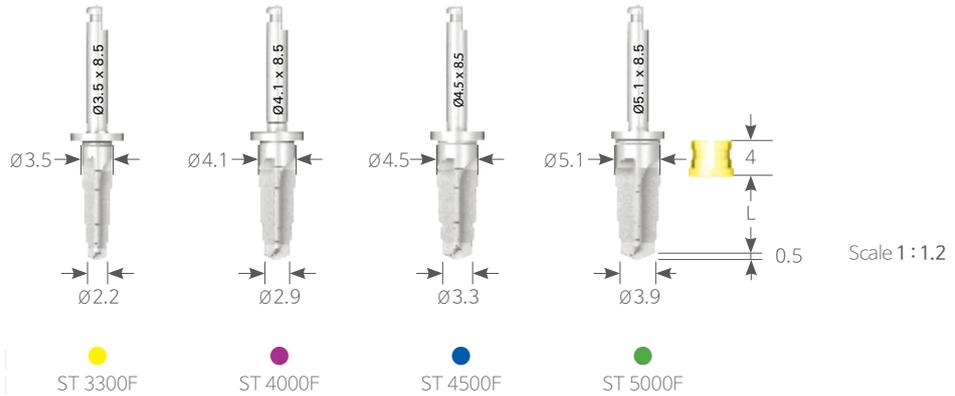
PP 2022

PP 2023



Surgical Tool

Tapered Drill



K D Ø3.5

Unit mm | Scale 1:1

Code DTH 3308SD DTH 3310SD DTH 3311SD DTH 3313SD DTH 3315SD ST 3300F



Length | 8.5 10 11.5 13 15 Stopper

K D Ø4.1

Unit mm | Scale 1:1

Code DTH 4008SD DTH 4010SD DTH 4011SD DTH 4013SD DTH 4015SD ST 4000F



Length | 8.5 10 11.5 13 15 Stopper

K D Ø4.5

Unit mm | Scale 1:1

Code	DTH 4508SD	DTH 4510SD	DTH 4511SD	DTH 4513SD	DTH 4515SD	ST 4500F
						
Length	8.5	10	11.5	13	15	Stopper

K D Ø5.1

Unit mm | Scale 1:1

Code	DTH 5008SD	DTH 5010SD	DTH 5011SD	DTH 5013SD	DTH 5015SD	ST 5000F
						
Length	8.5	10	11.5	13	15	Stopper

Drill Extension

· Length is extended 15.5mm by connecting to the drill.



K

Unit mm | Scale 1:1.2

Code	DE 3811
------	---------

Surgical Tool

Pilot Drill



K

Unit mm | Scale 1:1.2

Code	PS 3512
------	---------

Counter Sinker

K

Unit mm | Scale 1:1

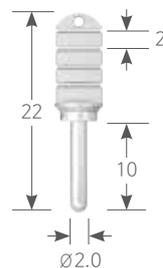
Code	NCS 3508	NCS 4108	NCS 5108
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Color



Positioning Guide



K D Ø2.0

Unit mm | Scale 1 : 1.2

Code

PG 0050



K D Ø2.0

Unit mm | Scale 1 : 1.2

Code

PG 0060

Surgical Tool

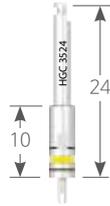
Fixture Driver Machine

● Sold separately

Unit mm | Scale 1:1

K P Ø3.5 Hex 2.4

Code	HGC 3524	HGC 3530	HGC 3535
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K P Ø4.1 Hex 2.7

Unit mm | Scale 1:1

Code	HGC 4024	HGC 4030	HGC 4035
------	----------	----------	----------



K P Ø5.0 Hex 3.4

Unit mm | Scale 1:1

Code	HGC 5024	HGC 5030	HGC 5035
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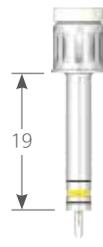


Fixture Driver Ratchet

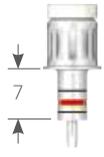
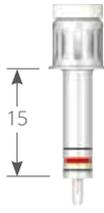
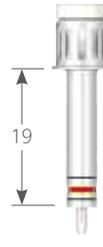
● Sold separately

Unit mm | Scale 1:1

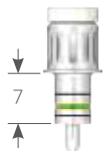
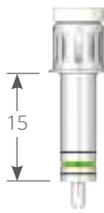
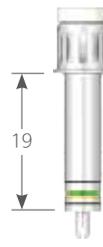
K P Ø3.5 Hex 2.4

Code	HGW 3513A	HGW 3521A	HGW 3525A
			

K P Ø4.1 Hex 2.7

Code	HGW 4013A	HGW 4021A	HGW 4025A
			

K P Ø5.0 Hex 3.4

Code	HGW 5013A	HGW 5021A	HGW 5025A
			

Surgical Tool

Screw Driver Machine

● Sold separately

Unit mm | Scale 1:1

K Slot 0.5

Code	MD 0522	MD 0530
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K Hex 0.9

Code	MD 0922	MD 0930
------	---------	---------



K Hex 1.2

Code	MD 1219	MD 1222	MD 1230	MD 1234	MD 1239
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K Torx 1.7

Code	MD 1719	MD 1722	MD 1730
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Screw Driver Ratchet

● Sold separately
Unit mm | Scale 1:1

K Slot 0.5

Code	HD 0510A	HD 0515A
------	-----------------	-----------------

10

15

K Hex 0.9

Code	HD 0910A	HD 0915A	HD 0920A
------	-----------------	----------	-----------------

10

15

20

K Hex 1.2

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

5

10

15

20

25

30

K Torx 1.7

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

5

10

15

20

25

Surgical Tool

Depth Gauge



K

Unit mm | Scale 1 : 0.7

Code

DPE 2050

Open Wrench



K

Unit mm | Scale 1 : 0.7

Code

OW 004

Ratchet Wrench



K

Unit mm | Scale 1 : 0.7

Code

DRW 050

Torque Wrench

- Used for fixture implantation or fastening screw
- Torque values (0, 15, 35, 50Ncm) are laser etched on handle
- Convenient disassembly for easy cleaning



K

● Sold separately
Unit mm | Scale 1 : 0.7

Code

DTW 0060

Fixture Mount Driver Machine

● Sold separately

K Hex 2.5 Unit mm | Scale 1:1

Code	MHDC 2520	MHDC 2525
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20



25

K Hex 3.0

Code	MHDC 3020	MHDC 3025
------	-----------	-----------



20



25

Fixture Mount Driver Ratchet

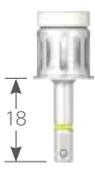
● Sold separately

K Hex 2.5 Unit mm | Scale 1:1

Code	MHDR 2513A	MHDR 2518A
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13



18

K Hex 3.0

Code	MHDR 3013A	MHDR 3018A
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20

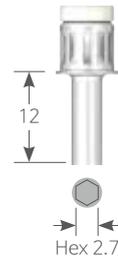
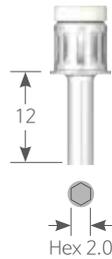


25

Surgical Tool

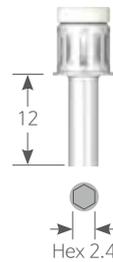
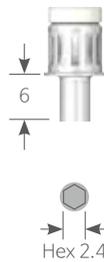
Conical Abutment Screw Driver

K	● Sold separately Unit mm Scale 1:1
Code	<div style="display: flex; justify-content: space-between; padding: 2px;"> HD 2012A HD 2712A </div>



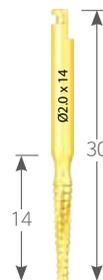
Ball Abutment Driver

K	● Sold separately Unit mm Scale 1:1
Code	<div style="display: flex; justify-content: space-between; padding: 2px;"> HD 2406A HD 2412A </div>



Lindemann Drill

- Easy to change direction of drilling
- Used to remove the ridge with extraction socket
- Ease of site preparation with extraction socket



K	● Sold separately Unit mm Scale 1:1.25
Code	<div style="display: flex; justify-content: space-between; padding: 2px;"> RMH 2014S </div>

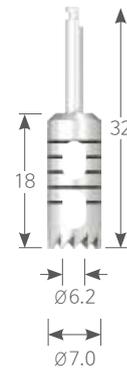
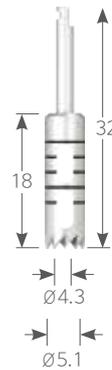
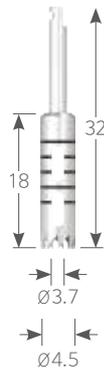
Trephine Drill

K

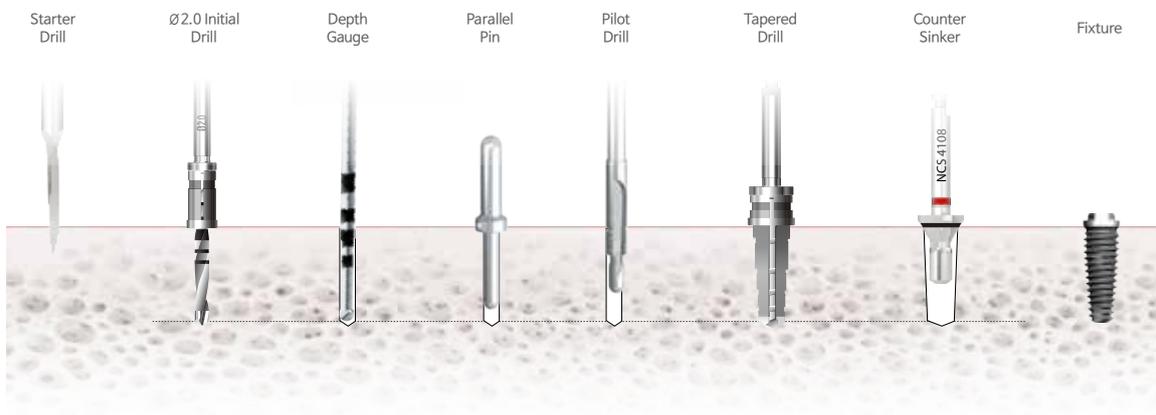
● Sold separately

Unit mm | Scale 1:1

Code	TRD 4537	TRD 5143	TRD 7062
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Surgical Tool



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