GMP ISO 13485 FDA

F&B Technology Co.,Ltd.

Fit & Brilliant

Dental Implant System

F&B Technology
Dental Implant System

Why is Fit & Brilliant?

- Shortened preparation and operation time.
- Perform safe implant surgery.
- Reduce stress of doctors.
- Minimize pain of patients.
- Solve implantologist's main concern.

For safer, easier, faster

& best dental system.

FA Submerged Fixture

Connection

2.5 Hex, 2.1 Hex indentation and
11 degree Morse Taper

Micro Thread

The deep 0.2mm micro thread increases the surface area and induces a smooth connection with the larger main thread. Additionally, the micro thread increases thread contact with bone thereby improving the initial fixation effect

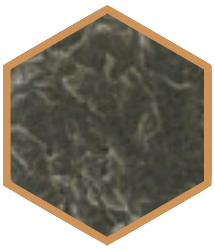
Main Thread

When the fixture is inserted into the implant bed, the conical shape and lower deep thread of the fixture increase stability and make immediate loading possible.

Dual Thread

As 0.8mm pitch of dual thread type, the surgery time is reduced.
(1.6mm per 1 rotation)

RBM Surface



Surface areas are increased through blasting by highly biocompatible Calcium-Phosphate Media.

Cutting Edge

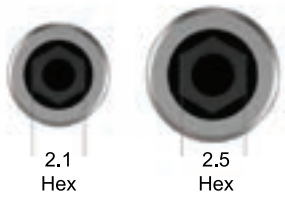
When placing the implants, the cutting edge has Excellent Penetrability even in the Low Torque Value by Self Tapping and minimizes damage of bone tissue.

Apex

Apex has the dimension of D(fixture diameter)-0.7[mm] and the body shape has the overall tapered one and Ball Shape allows Safe and Comfortable implant surgery.

Connection

2.5 Hex, 2.1 Hex fastening Type of
11 degree Morse Taper Type



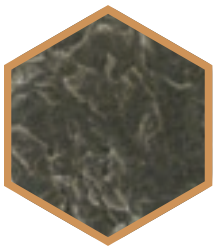
Main Thread

When the fixture is inserted into the implant bed, the conical shape and lower deep thread of the fixture increase stability and make immediate loading possible.

Dual Thread

As 0.8 Dual Thread Type,
the placing speed is very fast.
(1.6mm per 1 rotation)

RBM Surface



Surface areas are increased through blasting by highly biocompatible Calcium-Phosphate Media.

Cutting Edge

When placing the implants, the cutting edge has Excellent Penetrability even in the Low Torque Value by Self Tapping and minimizes damage of bone tissue.

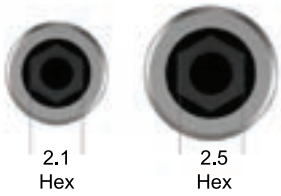
Apex

As a structure of D (Diameter) - 0.7mm,
the overall Tapered type

Submerged Fixture

L \ D	3.5	3.9	4.1	4.4	4.8
7		FAN 39070	FAR 41070	FAR 44070	FAW 48070
8.5	FAM 35085	FAN 39085	FAR 41085	FAR 44085	FAW 48085
10	FAM 35100	FAN 39100	FAR 41100	FAR 44100	FAW 48100
11.5	FAM 35115	FAN 39115	FAR 41115	FAR 44115	FAW 48115
13	FAM 35130	FAN 39130	FAR 41130	FAR 44130	FAW 48130
15	FAM 35150	FAN 39150	FAR 41150	FAR 44150	FAW 48150

L \ D	5.3	5.8	6.3	6.8
7	FAU 53070	FAU 58070	FAU 63070	FAU 68070
8.5	FAU 53085	FAU 58085	FAU 63085	FAU 68085
10	FAU 53100	FAU 58100	FAU 63100	FAU 68100
11.5	FAU 53115	FAU 58115	FAU 63115	FAU 68115
13	FAU 53130	FAU 58130	FAU 63130	FAU 68130
15	FAU 53150	FAU 58150	FAU 63150	FAU 68150



Usage

1.2 Hex is for Mini

Cover Screw

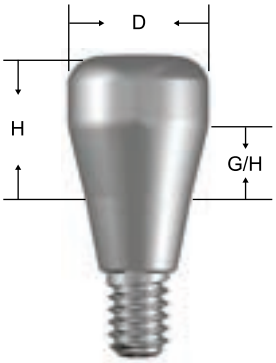
H	Mini	N	R	W	U
0.5	FACSM 5005	FACS 5005			
2	FACSM 5020	FACS 5020			

Method

Use 1.2 Hex hand driver
5~8Ncm Joining torque

Usage

Used to prevent foreign materials from entering after the fixture insertion



Healing Abutment

Mini

D	G/H	H			
		3	4	5	7
4	1	FAHM 401030			
	2		FAHM 402040	FAHM 402050	
	3				FAHM 403070
4.5	1	FAHM 451030			
	2		FAHM 452040	FAHM 452050	
	3				FAHM 453070

Healing Abutment

N R W U

D	G/H	H			
		3	4	5	7
4.5	1	FAH 451030			
	2		FAH 452040	FAH 452050	
	3				FAH 453070
5.0	1	FAH 501030			
	2		FAH 502040	FAH 502050	
	3				FAH 503070
5.5	1	FAH 551030			
	2		FAH 552040	FAH 552050	
	3				FAH 553070
6.0	1	FAH 601030			
	2		FAH 602040	FAH 602050	
	3				FAH 603070
6.5	1	FAH 651030			
	2		FAH 652040	FAH 652050	
	3				FAH 653070
7.0	1	FAH 701030			
	2		FAH 702040	FAH 702050	
	3				FAH 703070

Method

Use 1.2 Hex hand driver
5~8Ncm of Joining torque

Usage

Used to protect the connecting part of the implant
Acts as the shape of the gingiva after surgery
Abutment is chosen according to the patien's gingival height.

Sub Type Flow Chart

Screw Retained Restoration

Solid Lab Analog

Solid Impression Coping

Solid Abutment

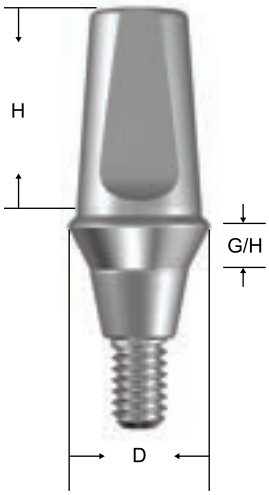
1.2 Hex Driver

Cover Screw

Healing Abutment

1.2 Hex Driver

Submerged Fixture



Solid Abutment

Mini

D	H	G/H				
		1	2	3	4	5
4.0	4	FASAM 401040	FASAM 402040	FASAM 403040	FASAM 404040	FASAM 405040
	5.5	FASAM 401055	FASAM 402055	FASAM 403055	FASAM 404055	FASAM 405055
	7	FASAM 401070	FASAM 402070	FASAM 403070	FASAM 404070	FASAM 405070
4.5	4	FASAM 451040	FASAM 452040	FASAM 453040	FASAM 454040	FASAM 455040
	5.5	FASAM 451055	FASAM 452055	FASAM 453055	FASAM 454055	FASAM 455055
	7	FASAM 451070	FASAM 452070	FASAM 453070	FASAM 454070	FASAM 455070

Solid Abutment

N R W U

D	H	G/H			
		1	2	3	4
4.0	4	FASA 401040	FASA 402040	FASA 403040	FASA 404040
	5.5	FASA 401055	FASA 402055	FASA 403055	FASA 404055
	7	FASA 401070	FASA 402070	FASA 403070	FASA 404070
4.5	4	FASA 451040	FASA 452040	FASA 453040	FASA 454040
	5.5	FASA 451055	FASA 452055	FASA 453055	FASA 454055
	7	FASA 451070	FASA 452070	FASA 453070	FASA 454070
5.0	4	FASA 501040	FASA 502040	FASA 503040	FASA 504040
	5.5	FASA 501055	FASA 502055	FASA 503055	FASA 504055
	7	FASA 501070	FASA 502070	FASA 503070	FASA 504070
5.5	4	FASA 551040	FASA 552040	FASA 553040	FASA 554040
	5.5	FASA 551055	FASA 552055	FASA 553055	FASA 554055
	7	FASA 551070	FASA 552070	FASA 553070	FASA 554070
6.0	4	FASA 601040	FASA 602040	FASA 603040	FASA 604040
	5.5	FASA 601055	FASA 602055	FASA 603055	FASA 604055
	7	FASA 601070	FASA 602070	FASA 603070	FASA 604070
6.5	4	FASA 651040	FASA 652040	FASA 653040	FASA 654040
	5.5	FASA 651055	FASA 652055	FASA 653055	FASA 654055
	7	FASA 651070	FASA 652070	FASA 653070	FASA 654070

Method

Use 1.2 Hex torque driver
25~35Ncm Joining torque

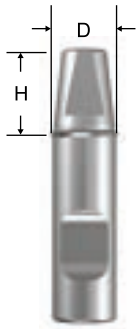
Components

Solid abutment + Protect cap

Usage

Used on the conventional cement type produced prosthesis
All-in-one abutment and screw structure

Solid Lab Analog



D \ H	4	5.5	7
4.0	FASLA 4040	FASLA 4055	FASLA 4070
4.5	FASLA 4540	FASLA 4555	FASLA 4570
5.0	FASLA 5040	FASLA 5055	FASLA 5070
5.5	FASLA 5540	FASLA 5555	FASLA 5570
6.0	FASLA 6040	FASLA 6055	FASLA 6070
6.5	FASLA 6540	FASLA 6555	FASLA 6570

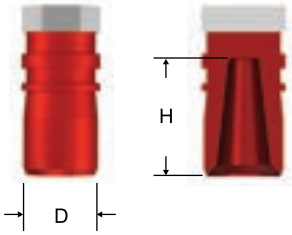
Method

Used on solid abutment features
Used to produce the model for solid impression coping connection pick up inside the oral cavity

Usage

Solid abutment is materialized in the oral cavity on the working replica

Solid Impression Coping



D \ H	4	5.5	7
4.0	FASIC 4040	FASIC 4055	FASIC 4070
4.5	FASIC 4540	FASIC 4555	FASIC 4570
5.0	FASIC 5040	FASIC 5055	FASIC 5070
5.5	FASIC 5540	FASIC 5555	FASIC 5570
6.0	FASIC 6040	FASIC 6055	FASIC 6070
6.5	FASIC 6540	FASIC 6555	FASIC 6570

Method

Used on solid abutment features
Integration of existing positioning cylinder and impression cap

Sub Type Flow Chart

Cemented Retained Restoration

Abutment Screw ..... 1.2 Hex Driver

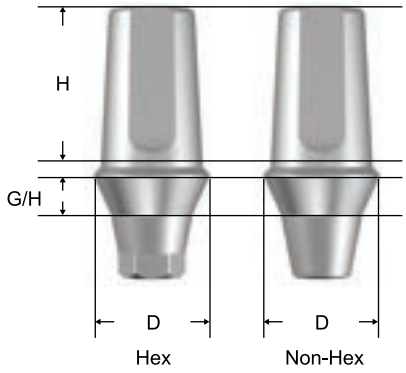
Transfer Abutment | UCLA Abutment | Plastic Abutment | Angled Abutment

Fixture Lab Analog

Impression Coping(Pick-up) | Impression Coping(Transfer)

Cover Screw | Healing Abutment ..... 1.2 Hex Driver

Submerged Fixture



Transfer Abutment

Mini

D		H	G/H				
			1	2	3	4	5
4.0	Hex	4	FATAM 401040H	FATAM 402040H	FATAM 403040H	FATAM 404040H	FATAM 405040H
		5.5	FATAM 401055H	FATAM 402055H	FATAM 403055H	FATAM 404055H	FATAM 405055H
		7	FATAM 401070H	FATAM 402070H	FATAM 403070H	FATAM 404070H	FATAM 405070H
4.5		4	FATAM 451040H	FATAM 452040H	FATAM 453040H	FATAM 454040H	FATAM 455040H
		5.5	FATAM 451055H	FATAM 452055H	FATAM 453055H	FATAM 454055H	FATAM 455055H
		7	FATAM 451070H	FATAM 452070H	FATAM 453070H	FATAM 454070H	FATAM 455070H
4.0	Non Hex	4	FATAM 401040N	FATAM 402040N	FATAM 403040N	FATAM 404040N	FATAM 405040N
		5.5	FATAM 401055N	FATAM 402055N	FATAM 403055N	FATAM 404055N	FATAM 405055N
		7	FATAM 401070N	FATAM 402070N	FATAM 403070N	FATAM 404070N	FATAM 405070N
4.5		4	FATAM 451040N	FATAM 452040N	FATAM 453040N	FATAM 454040N	FATAM 455040N
		5.5	FATAM 451055N	FATAM 452055N	FATAM 453055N	FATAM 454055N	FATAM 455055N
		7	FATAM 451070N	FATAM 452070N	FATAM 453070N	FATAM 454070N	FATAM 455070N

Method

Use 1.2 Hex torque driver
25~35Ncm Joining torque

Components

Transfer abutment + Abutment screw
Choice of variety of sizes according to gingival height

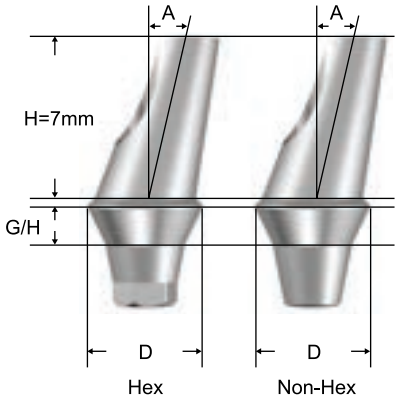
Usage

Conventional cement retained type abutment

Transfer Abutment

N R W U

D		H	G/H			
			1	2	3	4
4.0	Hex	4	FATA 401040H	FATA 402040H	FATA 403040H	FATA 404040H
		5.5	FATA 401055H	FATA 402055H	FATA 403055H	FATA 404055H
		7	FATA 401070H	FATA 402070H	FATA 403070H	FATA 404070H
4.5		4	FATA 451040H	FATA 452040H	FATA 453040H	FATA 454040H
		5.5	FATA 451055H	FATA 452055H	FATA 453055H	FATA 454055H
		7	FATA 451070H	FATA 452070H	FATA 453070H	FATA 454070H
5.0		4	FATA 501040H	FATA 502040H	FATA 503040H	FATA 504040H
		5.5	FATA 501055H	FATA 502055H	FATA 503055H	FATA 504055H
		7	FATA 501070H	FATA 502070H	FATA 503070H	FATA 504070H
5.5		4	FATA 551040H	FATA 552040H	FATA 553040H	FATA 554040H
		5.5	FATA 551055H	FATA 552055H	FATA 553055H	FATA 554055H
		7	FATA 551070H	FATA 552070H	FATA 553070H	FATA 554070H
6.0		4	FATA 601040H	FATA 602040H	FATA 603040H	FATA 604040H
		5.5	FATA 601055H	FATA 602055H	FATA 603055H	FATA 604055H
		7	FATA 601070H	FATA 602070H	FATA 603070H	FATA 604070H
6.5		4	FATA 651040H	FATA 652040H	FATA 653040H	FATA 654040H
		5.5	FATA 651055H	FATA 652055H	FATA 653055H	FATA 654055H
		7	FATA 651070H	FATA 652070H	FATA 653070H	FATA 654070H
4.0	Non Hex	4	FATA 401040N	FATA 402040N	FATA 403040N	FATA 404040N
		5.5	FATA 401055N	FATA 402055N	FATA 403055N	FATA 404055N
		7	FATA 401070N	FATA 402070N	FATA 403070N	FATA 404070N
4.5		4	FATA 451040N	FATA 452040N	FATA 453040N	FATA 454040N
		5.5	FATA 451055N	FATA 452055N	FATA 453055N	FATA 454055N
		7	FATA 451070N	FATA 452070N	FATA 453070N	FATA 454070N
5.0		4	FATA 501040N	FATA 502040N	FATA 503040N	FATA 504040N
		5.5	FATA 501055N	FATA 502055N	FATA 503055N	FATA 504055N
		7	FATA 501070N	FATA 502070N	FATA 503070N	FATA 504070N
5.5		4	FATA 551040N	FATA 552040N	FATA 553040N	FATA 554040N
		5.5	FATA 551055N	FATA 552055N	FATA 553055N	FATA 554055N
		7	FATA 551070N	FATA 552070N	FATA 553070N	FATA 554070N
6.0		4	FATA 601040N	FATA 602040N	FATA 603040N	FATA 604040N
		5.5	FATA 601055N	FATA 602055N	FATA 603055N	FATA 604055N
		7	FATA 601070N	FATA 602070N	FATA 603070N	FATA 604070N
6.5		4	FATA 651040N	FATA 652040N	FATA 653040N	FATA 654040N
		5.5	FATA 651055N	FATA 652055N	FATA 653055N	FATA 654055N
		7	FATA 651070N	FATA 652070N	FATA 653070N	FATA 654070N



Angled Abutment

Mini

D		A	G/H				
			1	2	3	4	5
4.0	Hex	15	FAAAM 401015H	FAAAM 402015H	FAAAM 403015H	FAAAM 404015H	FAAAM 405015H
		25	FAAAM 401025H	FAAAM 402025H	FAAAM 403025H	FAAAM 404025H	FAAAM 405025H
4.5		15	FAAAM 451015H	FAAAM 452015H	FAAAM 453015H	FAAAM 454015H	FAAAM 455015H
		25	FAAAM 451025H	FAAAM 452025H	FAAAM 453025H	FAAAM 454025H	FAAAM 455025H
4.0	Non Hex	15	FAAAM 401015N	FAAAM 402015N	FAAAM 403015N	FAAAM 404015N	FAAAM 405015N
		25	FAAAM 401025N	FAAAM 402025N	FAAAM 403025N	FAAAM 404025N	FAAAM 405025N
4.5		15	FAAAM 451015N	FAAAM 452015N	FAAAM 453015N	FAAAM 454015N	FAAAM 455015N
		25	FAAAM 451025N	FAAAM 452025N	FAAAM 453025N	FAAAM 454025N	FAAAM 455025N

Angled Abutment

N R W U

D		A	G/H			
			1	2	3	4
4.0	Hex	15	FAAA 401015H	FAAA 402015H	FAAA 403015H	FAAA 404015H
		25	FAAA 401025H	FAAA 402025H	FAAA 403025H	FAAA 404025H
4.5		15	FAAA 451015H	FAAA 452015H	FAAA 453015H	FAAA 454015H
		25	FAAA 451025H	FAAA 452025H	FAAA 453025H	FAAA 454025H
5.0		15	FAAA 501015H	FAAA 502015H	FAAA 503015H	FAAA 504015H
		25	FAAA 501025H	FAAA 502025H	FAAA 503025H	FAAA 504025H
5.5		15	FAAA 551015H	FAAA 552015H	FAAA 553015H	FAAA 554015H
		25	FAAA 551025H	FAAA 552025H	FAAA 553025H	FAAA 554025H
6.0		15	FAAA 601015H	FAAA 602015H	FAAA 603015H	FAAA 604015H
		25	FAAA 601025H	FAAA 602025H	FAAA 603025H	FAAA 604025H
6.5		15	FAAA 651015H	FAAA 652015H	FAAA 653015H	FAAA 654015H
		25	FAAA 651025H	FAAA 652025H	FAAA 653025H	FAAA 654025H
4.0	Non Hex	15	FAAA 401015N	FAAA 402015N	FAAA 403015N	FAAA 404015N
		25	FAAA 401025N	FAAA 402025N	FAAA 403025N	FAAA 404025N
4.5		15	FAAA 451015N	FAAA 452015N	FAAA 453015N	FAAA 454015N
		25	FAAA 451025N	FAAA 452025N	FAAA 453025N	FAAA 454025N
5.0		15	FAAA 501015N	FAAA 502015N	FAAA 503015N	FAAA 504015N
		25	FAAA 501025N	FAAA 502025N	FAAA 503025N	FAAA 504025N
5.5		15	FAAA 551015N	FAAA 552015N	FAAA 553015N	FAAA 554015N
		25	FAAA 551025N	FAAA 552025N	FAAA 553025N	FAAA 554025N
6.0		15	FAAA 601015N	FAAA 602015N	FAAA 603015N	FAAA 604015N
		25	FAAA 601025N	FAAA 602025N	FAAA 603025N	FAAA 604025N
6.5		15	FAAA 651015N	FAAA 652015N	FAAA 653015N	FAAA 654015N
		25	FAAA 651025N	FAAA 652025N	FAAA 653025N	FAAA 654025N

Method

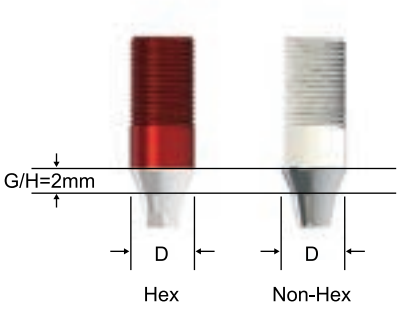
Use 1.2 Hex torque driver
25~35Ncm Joining torque

Components

Angled abutment + Abutment screw
15˚ 25˚composition

Usage

Conventional cement retained type abutment
Used in revising the fixture's path
Used in cases when the prosthesis' path needs to be adjusted



UCLA Abutment

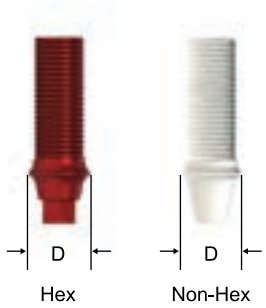
Mini

D	Hex	Non-Hex
4.0	FAUAM 402H	FAUAM 402N

UCLA Abutment

N R W U

D	Hex	Non-Hex
4.5	FAUA 452H	FAUA 452N



Plastic Cylinder

Mini

D	Hex	Non-Hex
4.0	FAPCM 40H	FAPCM 40N

Plastic Cylinder

N R W U

D	Hex	Non-Hex
4.5	FAPC 45H	FAPC 45N

Fixture Lab Analog

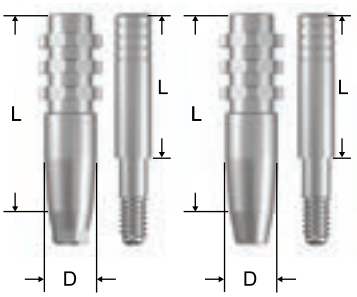
Mini	N R W U
FAFLAM 35	FAFLA 45

Method

Used on abutment features
Used to produce the model for solid impression coping
Connection pick up inside the oral cavity

Usage

Fixture is materialized in the oral cavity on the working replica



Impression Coping(Pick-up) Mini

Guide Pin(L)	10	15	20
	FPGPM 100	FPGPM 150	FPGPM 200

L	10		15	
D	Hex	Non-Hex	Hex	Non-Hex
4.0	FAICPM 4010H	FAICPM 4010N	FAICPM 4015H	FAICPM 4015N

Impression Coping(Pick-up) N R W U

Guide Pin(L)	10	15	20
	FPGP 100	FPGP 150	FPGP 200

L	10		15	
D	Hex	Non-Hex	Hex	Non-Hex
4.5	FAICP 4510H	FAICP 4510N	FAICP 4515H	FAICP 4515N
5.5	FAICP 5510H	FAICP 5510N	FAICP 5515H	FAICP 5515N
6.5	FAICP 6510H	FAICP 6510N	FAICP 6515H	FAICP 6515N

Method

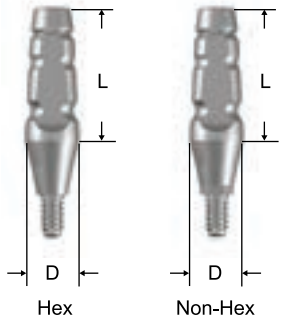
Use hand or 1.2 Hex hand driver

Components

Impression coping + Guide pin
10mm / 15mm / 20mm guide pin size

Usage

Use of custom tray
Increases the ease of various guide pin size



Impression Coping(Transfer) Mini

L	10		15	
D	Hex	Non-Hex	Hex	Non-Hex
4.0	FAICTM 4011H	FAICTM 4011N	FAICTM 4015H	FAICTM 4015N

Impression Coping(Transfer) N R W U

L	10		15	
D	Hex	Non-Hex	Hex	Non-Hex
4.5	FAICT 4511H	FAICT 4511N	FAICT 4515H	FAICT 4515N
5.5	FAICT 5511H	FAICT 5511N	FAICT 5515H	FAICT 5515N
6.5	FAICT 6511H	FAICT 6511N	FAICT 6515H	FAICT 6515N

Method

Use 1.2 Hex hand driver

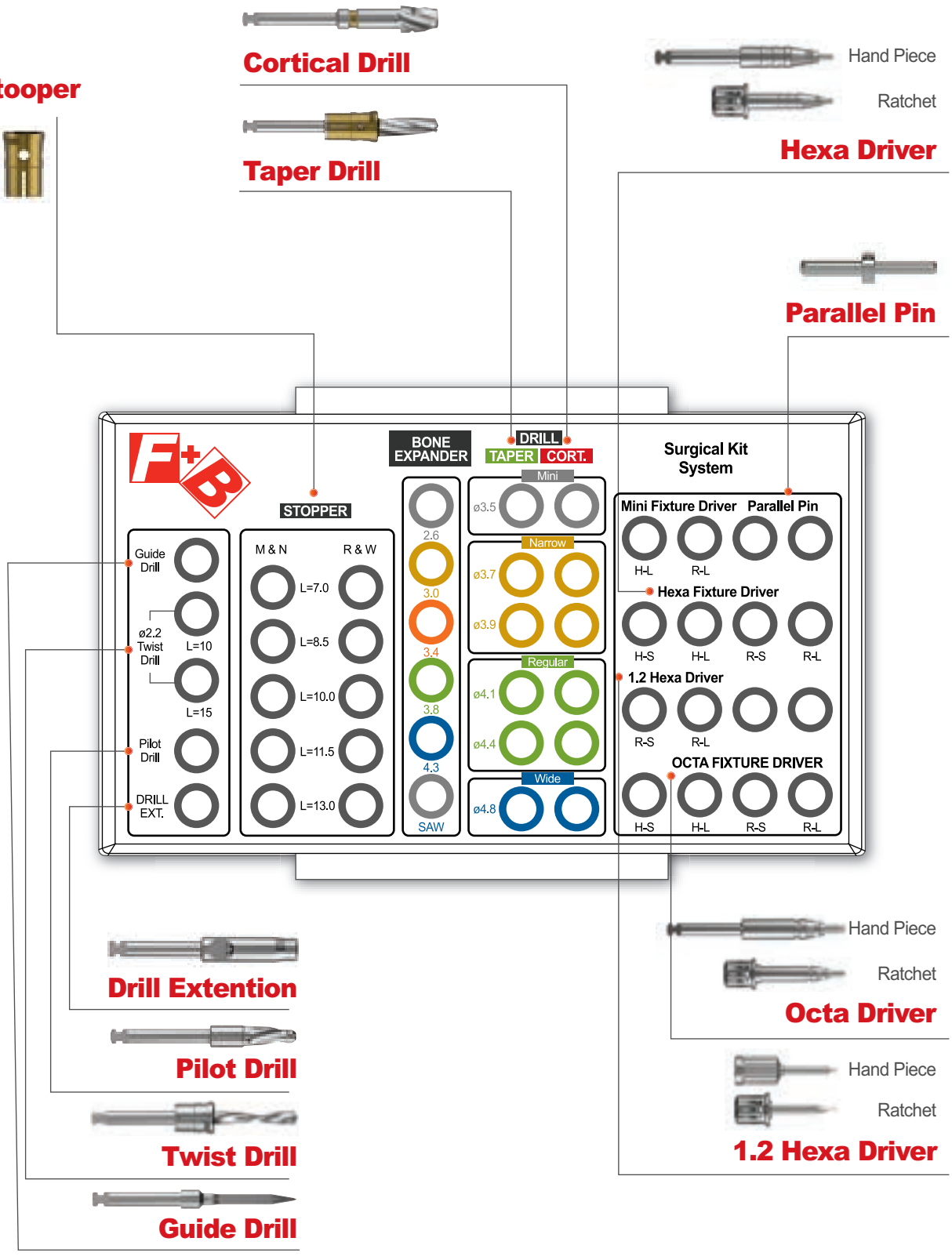
Components

Impression coping + Guide pin(2 pieces)
11mm / 15mm coping size

Usage

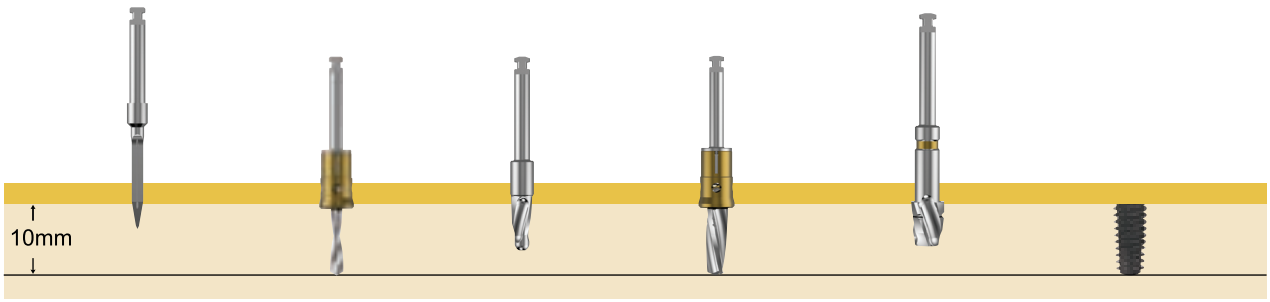
Existing tray is used

Surgical Kit



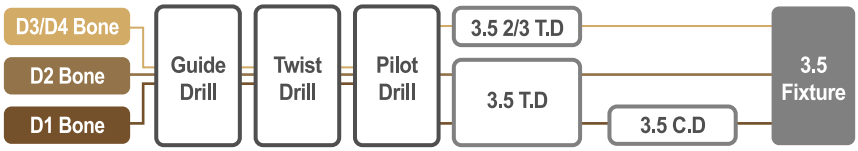
Drilling Sequence

Mini Narrow Regular Wide



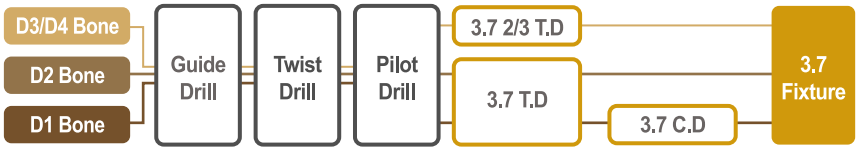
Guide Drill *Twist Drill (2.2)* *Pilot Drill (2.2/3.3)* *Taper Drill* *Cortical Drill* *4.1 Fixture*

3.5 Fixture

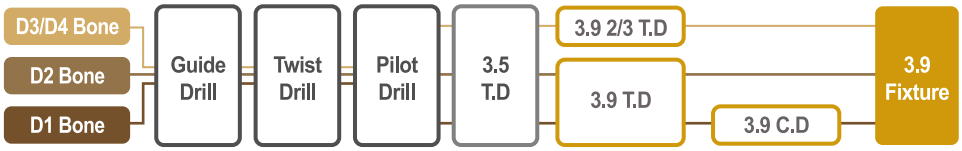


T. D : Taper Drill [D - 0.2]
C.D : Cortical Drill [D - 0.0]

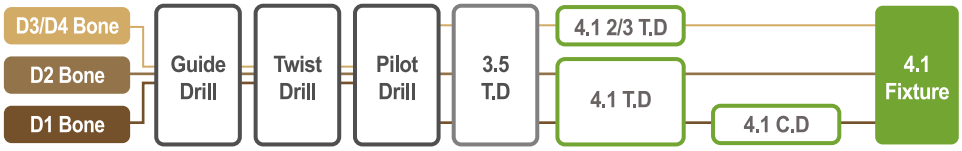
3.7 Fixture



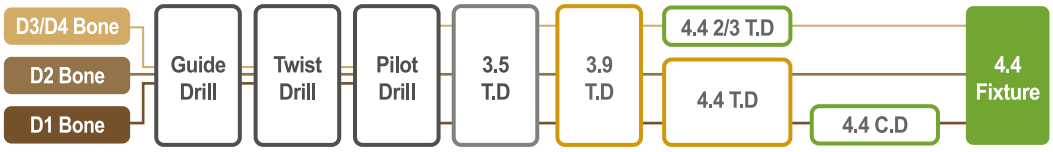
3.9 Fixture



4.1 Fixture



4.4 Fixture



4.8 Fixture