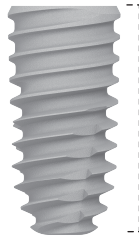


PRODUCT CATALOG



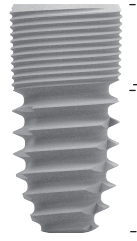
FIXTURE DESIGN



Macro Thread
(Double Thread)

Improved self-tapping function.
Enhanced penetration.

M2



Micro Thread
(Triple Thread)

- Distribute stress on bone.
- Stimulate bone evenly.
- Increase cell response.
- Reinforce fixture strength.

Macro Thread
(Single Thread)

- Improved self-tapping function.
- Enhanced penetration.

M3

REFERENCE CODE

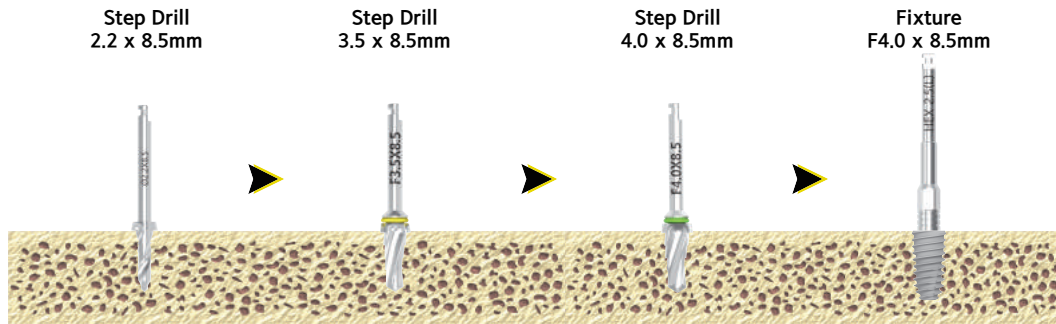
01 M2		02 M3		03 COVER SCREW		04 HEALING ABUTMENT	
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SURGICAL KIT
LAY-OUT



01 POINT DRILL		02 PARALLEL PIN	
----------------------	--	-----------------------	--

DRILLING
SEQUENCE



USER MANUAL

USER MANUAL (FIXTURE)

- Intended Use
- Product description
- Use
- Indications
- Contraindications
- Warnings
- Precautions
- Side Effect
- Surgical complications
- Sterilization and handling
- Storage Condition
- Cautions for use

USER MANUAL (ABUTMENT)

- Intended Use
- Product description
- Use
- General Precaution
- Important
- Indication
- Contraindications
- Procedural Precautions (Surgery)
- Procedural Precautions (Prosthetics)
- Cautions for Patients
- Side Effect
- Warning
- Sterility
- Storage Conditions

USER MANUAL (SURGICAL)

- Purpose
- Precaution
- Use method or operation sequence
- Preparation before use
- Sterility
- Storing condition

SYMBOL DESCRIPTION

CE 0197	STERILE R Reference code	Use by date
Do not reuse	Date of manufacture	
RE Catalogue number	Non sterile	
LOT Lot No.	Caution	
EC REP Representative	Manufacture	
110 Temperature Limited	Keep away from sunlight	



FIXTURE DESIGN (3~7p)

- M2,M3 (3~6p)
- Cover Screw (7p)
- Healing Abutment (7p)

PACKAGE DESIGN (8~9p)

- Package Design (8~9p)

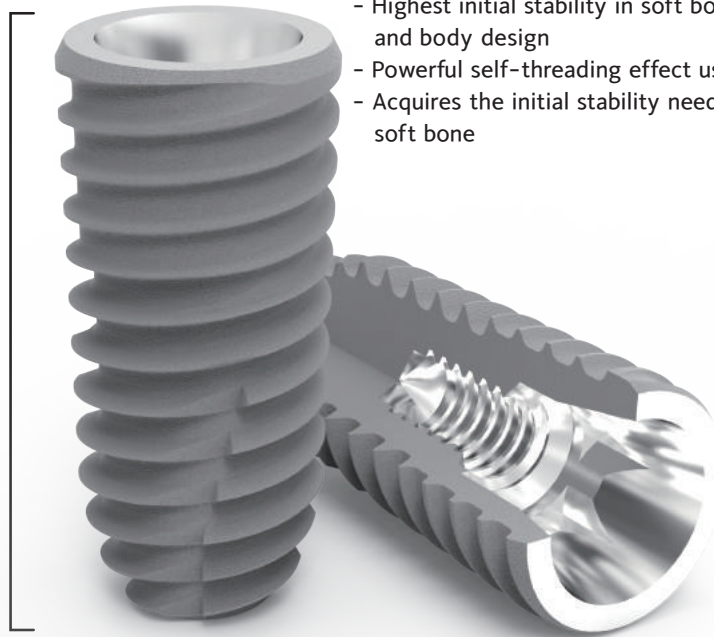
M2 FIXTURE DESIGN

Connection

- Submerged type implant with an internal hex 11° taper connection structure
- Optimum screw thread design for SLA surface to achieve consistent roughness
- Taper body design with superior initial stability
- Highest initial stability in soft bone by using upper-section thread and body design
- Powerful self-threading effect using cutting edge design
- Acquires the initial stability needed in immediate loading even in soft bone

Macro Thread

- (Double Thread)
- Improved self-tapping function.
 - Enhanced penetration.

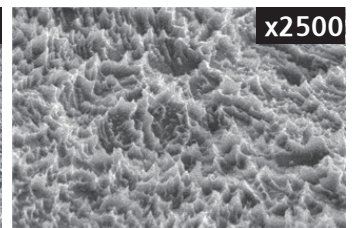
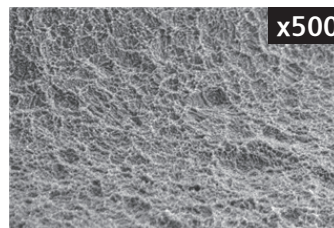


Cutting Edge Design

The cutting edge which applied to fixture designed to have optimum torque at the all the bony tissue condition. it is applied and divided by length and size, Added cutting edge to the body thread design could make convenient work for the modification of path and self tapping.

S.L.A Surface

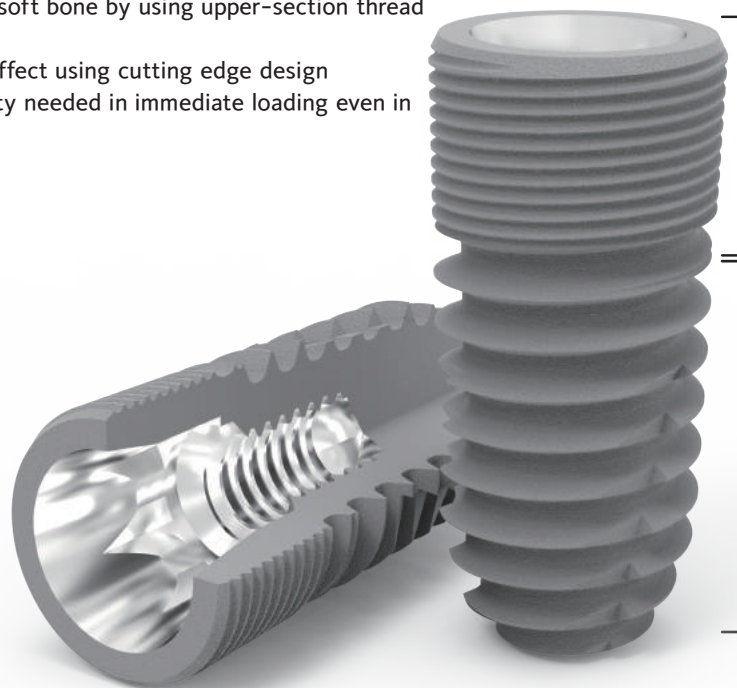
Surface of fixture are excellent in morphology and roughness, increased 50% of the surface area than RBM. The SLA surface and the entire taper shape of M2, M3 fixture could get enough initial fix.



M3 FIXTURE DESIGN

Connection

- Submerged type implant with an internal hex 11° taper connection structure
- Optimum screw thread design for SLA surface to achieve consistent roughness
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Micro Thread

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- Stimulate bone evenly.
- Increase cell response.
- Reinforce fixture strength.

Macro Thread

(Single Thread)

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- Enhanced penetration.

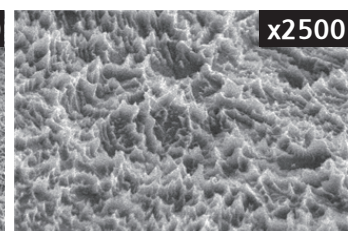
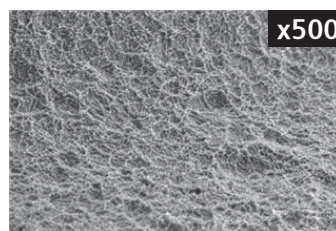
Cutting Edge Design

The cutting edge which applied to fixture designed to have optimum torque at the all the bony tissue condition.

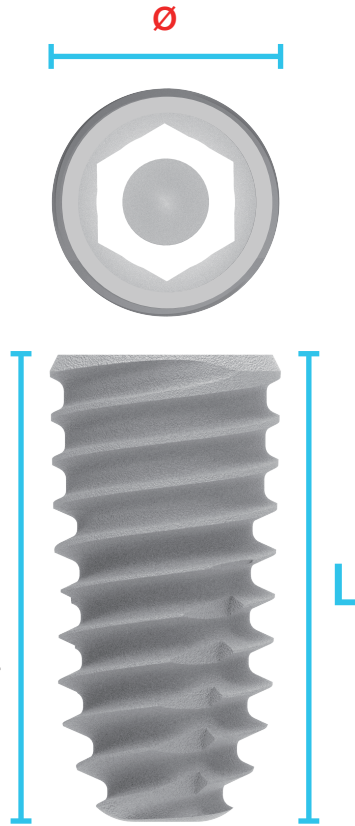
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Surface of fixture are excellent in morphology and roughness, increased 50% of the surface area than RBM. The SLA surface and the entire taper shape of M2, M3 fixture could get enough initial fix.



M2 FIXTURE

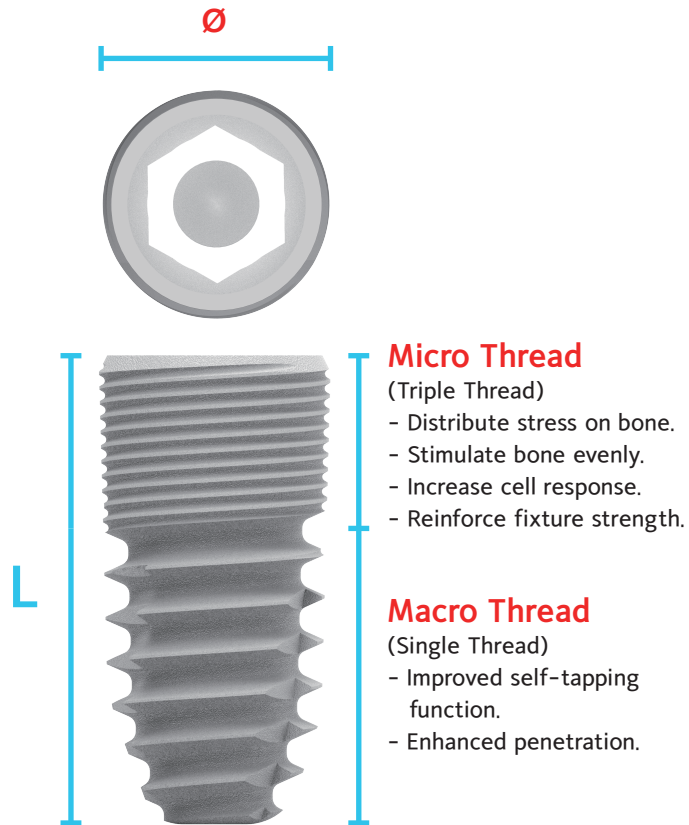


Macro Thread
(Double Thread)
- Improved self-tapping function.
- Enhanced penetration.

- Surface treatment : SLA
- Internal Hex : 2.5mm
- Taper connector : 11°
- Female screw : M2.0

LENGTH	Ø			
	3.5	4.0	4.5	5.0
6				SD 5006
7	SD 3507	SD 4007	SD 4507	SD 5007
8.5	SD 35085	SD 40085	SD 45085	SD 50085
10	SD 3510	SD 4010	SD 4510	SD 5010
11.5	SD 35115	SD 40115	SD 45115	SD 50115
13	SD 3513	SD 4013	SD 4513	SD 5013

M3 FIXTURE



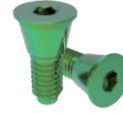
- Surface treatment : SLA
- Internal Hex : 2.5mm
- Taper connector : 11°
- Female screw : M2.0

LENGTH	Ø			
	3.5	4.0	4.5	5.0
6				ST 5006
7	ST 3507	ST 4007	ST 4507	ST 5007
8.5	ST 35085	ST 40085	ST 45085	ST 50085
10	ST 3510	ST 4010	ST 4510	ST 5010
11.5	ST 35115	ST 40115	ST 45115	ST 50115
13	ST 3513	ST 4013	ST 4513	ST 5013

COVER SCREW HEALING ABUTMENT

AM2CSR 40

Cover Screw



- 1.2mm Hex driver
- Tighten by hand

Healing Abutment

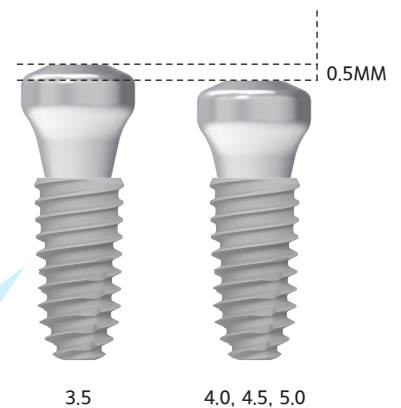
HEIGHT	Ø			
	4.0	4.5	5.0	6.0
3	AM2HAR 403	AM2HAR 453	AM2HAR 503	AM2HAR 603
4	AM2HAR 404	AM2HAR 454	AM2HAR 504	AM2HAR 604
5	AM2HAR 405	AM2HAR 455	AM2HAR 505	AM2HAR 605
6	AM2HAR 406	AM2HAR 456	AM2HAR 506	AM2HAR 606
7	AM2HAR 407	AM2HAR 457	AM2HAR 507	AM2HAR 607



- 1.2mm Hex driver
- Tighten by hand

Connection Guide

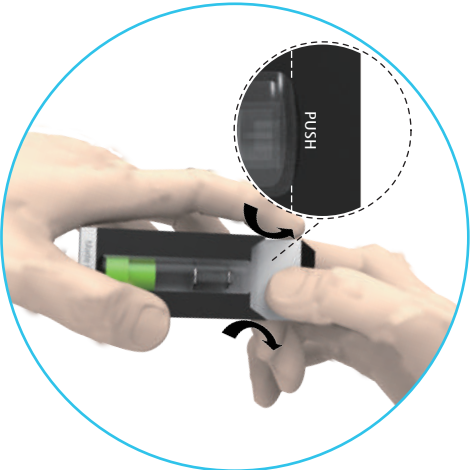
All abutment except the cover screw could use to all Fixture in common. But the over 4.0mm connection are 0.5mm higher than 3.5mm connection. For example if use 4.0mm height healing abutment to Ø4.0mm fixture the height to upper part are 4mm but it shall be 4.5mm if it use to Ø3.5mm Fixture.



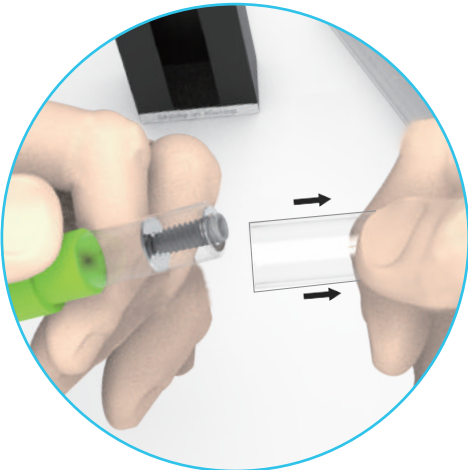
PACKAGE DESIGN



PACKAGE DESIGN



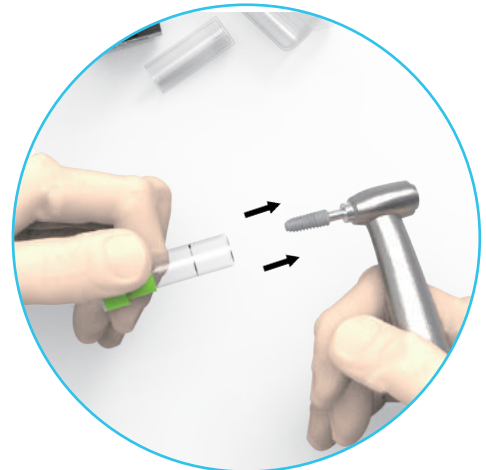
01
Open the package box by pushing the push part in the front side



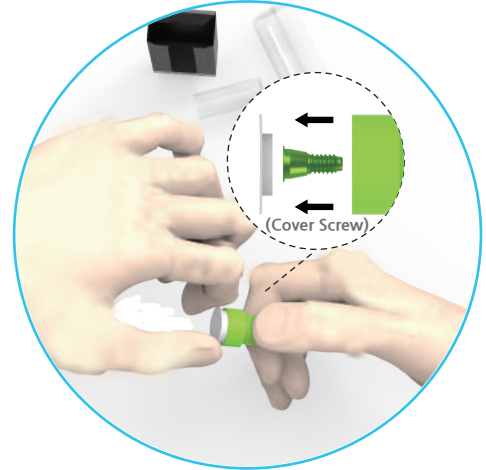
02
It is more conveniently could open if you rotate the transparent cover with the product upward



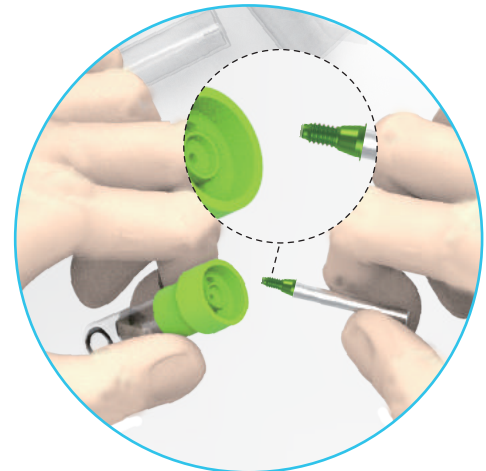
03
Connect the Hand-piece connector with Fixture



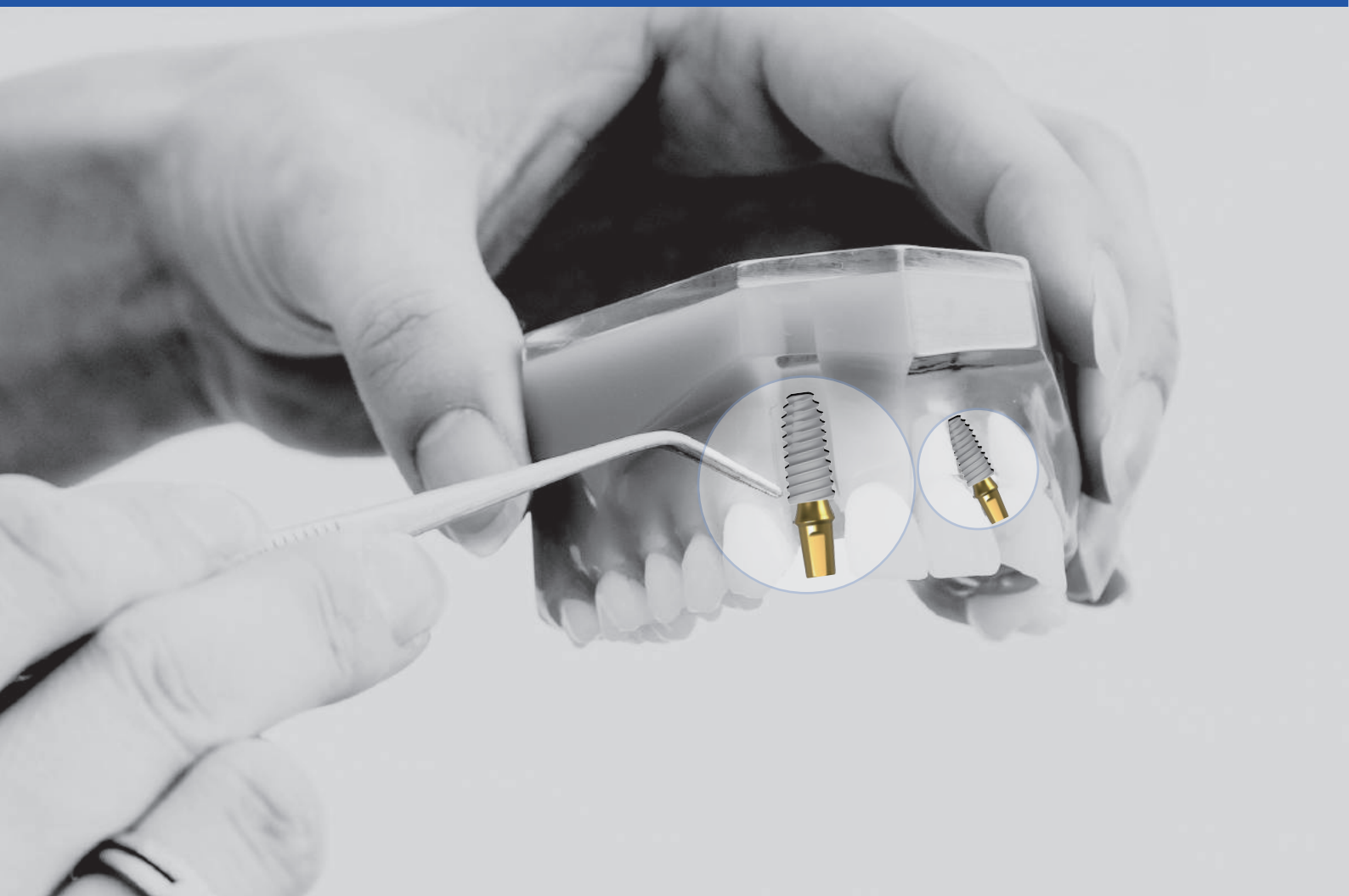
04
Should check the upper part of fixture meet with low part of Marking Line



05
Check the Cover Screw by open the white silicone cap in the opposite direction



06
Connect the Cover screw with Fixture using 1.2 Hex driver.



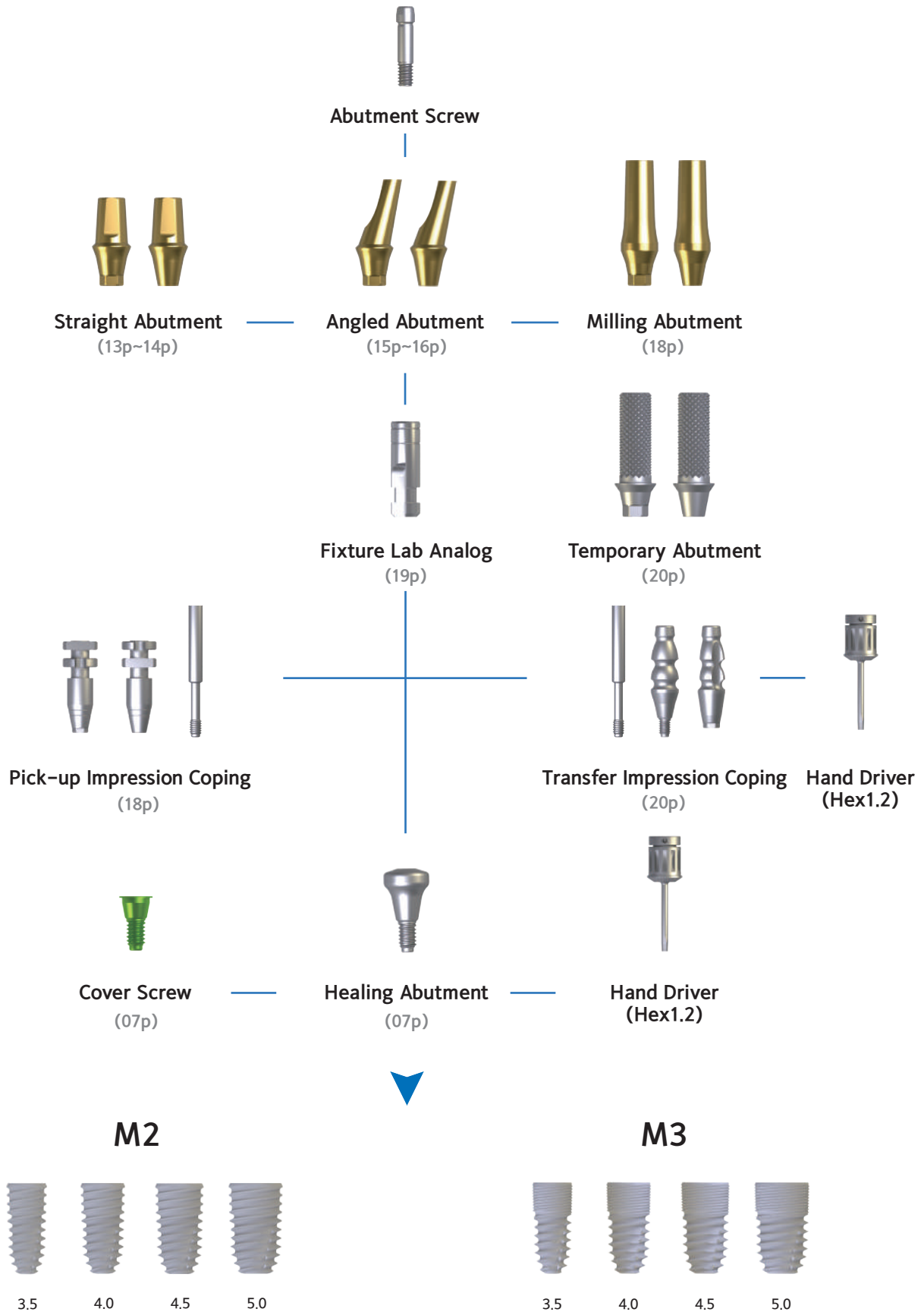
REFERENCE CODE (11~27p)

- Straight Abutment (13p~14p)
- Angled Abutment (15p~16p)
- Solid Abutment (17p)
- Milling Abutment (18p)
- Pick-up Impression Coping (18p)
- Fixture Lab Analog (19p)
- Abutment Lab Analog (19p)
- Temporary Abutment (20p)
- Transfer Impression Coping (20p)
- Esthetic Solid Abutment (22p)
- Esthetic Angled Abutment (22p)
- Esthetic Healing Cap (23p)
- Esthetic Pick-Up Impression Coping(23p)
- Esthetic Temporary Abutment (24p)
- Esthetic Plastic Abutment (24p)
- Esthetic Lab Analog (25p)
- Ball Abutment (27p)
- Ball Cap (27p)
- Ball Lab Analog (27p)

Reference Code.		01 M2	02 M3	03 COVER SCREW	04 HEALING ABUTMENT
		 5P	 6P	 7P	 7P
05 STRAIGHT ABUTMENT (HEX)	06 STRAIGHT ABUTMENT (NON-HEX)	 13P	 14P	07 ANGLED ABUTMENT (HEX)	08 ANGLED ABUTMENT (NON-HEX)
			 15P	 16P	09 SOLID ABUTMENT
					 17P
10 MILLING ABUTMENT (HEX)	11 MILLING ABUTMENT (NON-HEX)	 18P	 18P	12 PICK-UP IMPRESSION COPING (HEX)	13 PICK-UP IMPRESSION COPING (NON-HEX)
			 18P	 18P	14 FIXTURE LAB ANALOG
					 19P
15 ABUTMENT LAB ANALOG	16 TEMPORARY ABUTMENT (HEX)	 19P	17 TEMPORARY ABUTMENT (NON-HEX)	18 TRANSFER IMPRESSION COPING (HEX)	19 TRANSFER IMPRESSION COPING (NON-HEX)
		 20P	 20P	 20P	 20P
20 ESTHETIC SOLID ABUTMENT	21 ESTHETIC ANGLED ABUTMENT	 22P	22 ESTHETIC HEALING CAP	23 ESTHETIC PICK-UP IMPRESSION COPING	24 ESTHETIC TEMPORARY ABUTMENT
		 22P	 23P	 23P	 24P
25 ESTHETIC PLASTIC ABUTMENT	26 ESTHETIC LAB ANALOG	 24P	27 BALL ABUTMENT	28 BALL CAP	29 BALL LAB ANALOG
			 27P	 27P	 27P

PROSTHETICS FLOW DIAGRAMS

SCREW & CEMENT RETAINED RESTORATION.



STRAIGHT ABUTMENT

Cuff	Ø				
	4.0	4.5	5.0	6.0	
1	AM2STR 401040H	AM2STR 451040H	AM2STR 501040H	AM2STR 601040H	
2	AM2STR 402040H	AM2STR 452040H	AM2STR 502040H	AM2STR 602040H	
PH 4	3	AM2STR 403040H	AM2STR 453040H	AM2STR 503040H	AM2STR 603040H
	4	AM2STR 404040H	AM2STR 454040H	AM2STR 504040H	AM2STR 604040H
	5	AM2STR 405040H	AM2STR 455040H	AM2STR 505040H	AM2STR 605040H
	6	AM2STR 406040H	AM2STR 456040H	AM2STR 506040H	AM2STR 606040H

Cuff					
1	AM2STR 401055H	AM2STR 451055H	AM2STR 501055H	AM2STR 601055H	
2	AM2STR 402055H	AM2STR 452055H	AM2STR 502055H	AM2STR 602055H	
PH 5.5	3	AM2STR 403055H	AM2STR 453055H	AM2STR 503055H	AM2STR 603055H
	4	AM2STR 404055H	AM2STR 454055H	AM2STR 504055H	AM2STR 604055H
	5	AM2STR 405055H	AM2STR 455055H	AM2STR 505055H	AM2STR 605055H
	6	AM2STR 406055H	AM2STR 456055H	AM2STR 506055H	AM2STR 606055H



(HEX)

- Used in producing cement-retained prosthetics
- Gold coloring for improved aesthetics
- 1.2mm Hex driver
- Recommended tightening torque : 30Ncm

Cuff					
1	AM2STR 401070H	AM2STR 451070H	AM2STR 501070H	AM2STR 601070H	
2	AM2STR 402070H	AM2STR 452070H	AM2STR 502070H	AM2STR 602070H	
PH 7	3	AM2STR 403070H	AM2STR 453070H	AM2STR 503070H	AM2STR 603070H
	4	AM2STR 404070H	AM2STR 454070H	AM2STR 504070H	AM2STR 604070H
	5	AM2STR 405070H	AM2STR 455070H	AM2STR 505070H	AM2STR 605070H
	6	AM2STR 406070H	AM2STR 456070H	AM2STR 506070H	AM2STR 606070H

STRAIGHT ABUTMENT (NON-HEX)

	Ø				
Cuff	4.0	4.5	5.0	6.0	
1	AM2STR 401040N	AM2STR 451040N	AM2STR 501040N	AM2STR 601040N	
2	AM2STR 402040N	AM2STR 452040N	AM2STR 502040N	AM2STR 602040N	
PH 4	3	AM2STR 403040N	AM2STR 453040N	AM2STR 503040N	AM2STR 603040N
	4	AM2STR 404040N	AM2STR 454040N	AM2STR 504040N	AM2STR 604040N
	5	AM2STR 405040N	AM2STR 455040N	AM2STR 505040N	AM2STR 605040N
	6	AM2STR 406040N	AM2STR 456040N	AM2STR 506040N	AM2STR 606040N



- Used in producing cement-retained prosthetics
- Gold coloring for improved aesthetics
- 1.2mm Hex driver
- Recommended tightening torque : 30Ncm

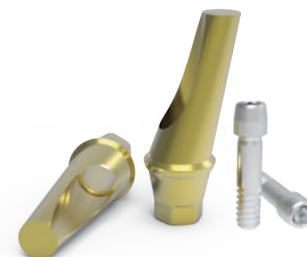
	Cuff				
1	AM2STR 401055N	AM2STR 451055N	AM2STR 501055N	AM2STR 601055N	
2	AM2STR 402055N	AM2STR 452055N	AM2STR 502055N	AM2STR 602055N	
PH 5.5	3	AM2STR 403055N	AM2STR 453055N	AM2STR 503055N	AM2STR 603055N
	4	AM2STR 404055N	AM2STR 454055N	AM2STR 504055N	AM2STR 604055N
	5	AM2STR 405055N	AM2STR 455055N	AM2STR 505055N	AM2STR 605055N
	6	AM2STR 406055N	AM2STR 456055N	AM2STR 506055N	AM2STR 606055N

	Cuff				
1	AM2STR 401070N	AM2STR 451070N	AM2STR 501070N	AM2STR 601070N	
2	AM2STR 402070N	AM2STR 452070N	AM2STR 502070N	AM2STR 602070N	
PH 7	3	AM2STR 403070N	AM2STR 453070N	AM2STR 503070N	AM2STR 603070N
	4	AM2STR 404070N	AM2STR 454070N	AM2STR 504070N	AM2STR 604070N
	5	AM2STR 405070N	AM2STR 455070N	AM2STR 505070N	AM2STR 605070N
	6	AM2STR 406070N	AM2STR 456070N	AM2STR 506070N	AM2STR 606070N

ANGLED ABUTMENT

Cuff	Ø				
	4.0	4.5	5.0	6.0	
1	AM2AAR 40115H	AM2AAR 45115H	AM2AAR 50115H	AM2AAR 60115H	
2	AM2AAR 40215H	AM2AAR 45215H	AM2AAR 50215H	AM2AAR 60215H	
HEX 15°	3	AM2AAR 40315H	AM2AAR 45315H	AM2AAR 50315H	AM2AAR 60315H
	4	AM2AAR 40415H	AM2AAR 45415H	AM2AAR 50415H	AM2AAR 60415H
5	AM2AAR 40515H	AM2AAR 45515H	AM2AAR 50515H	AM2AAR 60515H	
6	AM2AAR 40615H	AM2AAR 45615H	AM2AAR 50615H	AM2AAR 60615H	

Cuff					
1	AM2AAR 40125H	AM2AAR 45125H	AM2AAR 50125H	AM2AAR 60125H	
2	AM2AAR 40225H	AM2AAR 45225H	AM2AAR 50225H	AM2AAR 60225H	
HEX 25°	3	AM2AAR 40325H	AM2AAR 45325H	AM2AAR 50325H	AM2AAR 60325H
	4	AM2AAR 40425H	AM2AAR 45425H	AM2AAR 50425H	AM2AAR 60425H
5	AM2AAR 40525H	AM2AAR 45525H	AM2AAR 50525H	AM2AAR 60525H	
6	AM2AAR 40625H	AM2AAR 45625H	AM2AAR 50625H	AM2AAR 60625H	



(HEX)

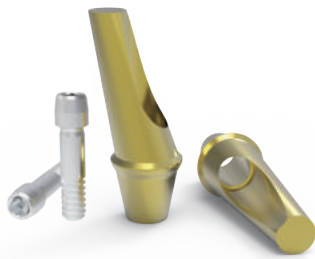
Cuff	Ø				
	4.0	4.5	5.0	6.0	
1	AM2AAR 40115V	AM2AAR 45115V	AM2AAR 50115V	AM2AAR 60115V	
2	AM2AAR 40215V	AM2AAR 45215V	AM2AAR 50215V	AM2AAR 60215V	
HEX 15°	3	AM2AAR 40315V	AM2AAR 45315V	AM2AAR 50315V	AM2AAR 60315V
	4	AM2AAR 40415V	AM2AAR 45415V	AM2AAR 50415V	AM2AAR 60415V
5	AM2AAR 40515V	AM2AAR 45515V	AM2AAR 50515V	AM2AAR 60515V	
6	AM2AAR 40615V	AM2AAR 45615V	AM2AAR 50615V	AM2AAR 60615V	

Cuff					
1	AM2AAR 40125V	AM2AAR 45125V	AM2AAR 50125V	AM2AAR 60125V	
2	AM2AAR 40225V	AM2AAR 45225V	AM2AAR 50225V	AM2AAR 60225V	
HEX 25°	3	AM2AAR 40325V	AM2AAR 45325V	AM2AAR 50325V	AM2AAR 60325V
	4	AM2AAR 40425V	AM2AAR 45425V	AM2AAR 50425V	AM2AAR 60425V
5	AM2AAR 40525V	AM2AAR 45525V	AM2AAR 50525V	AM2AAR 60525V	
6	AM2AAR 40625V	AM2AAR 45625V	AM2AAR 50625V	AM2AAR 60625V	

- Used in producing cement-retained prosthetics
- Gold coloring for improved aesthetics
- 1.2mm Hex driver
- Recommended tightening torque : 30Ncm

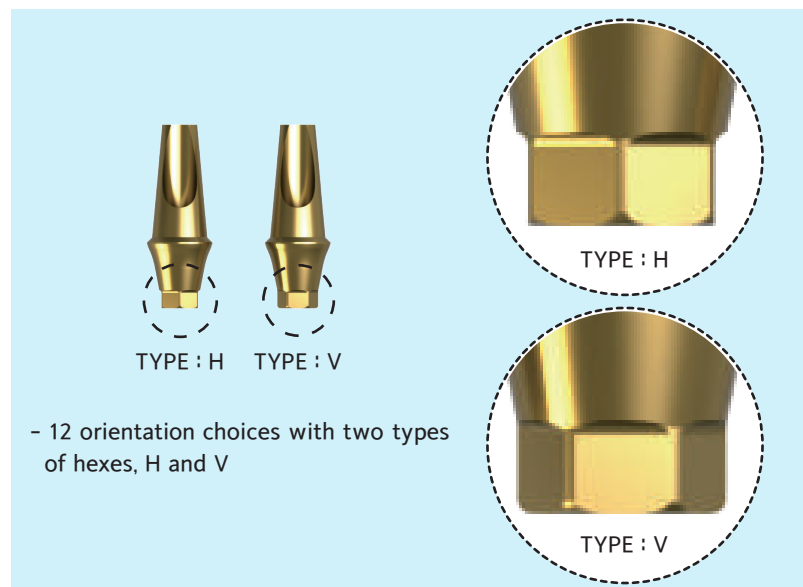
ANGLED ABUTMENT (NON-HEX)

	Ø				
	Cuff	4.0	4.5	5.0	6.0
NON HEX 15°	1	AM2AAR 40115N	AM2AAR 45115N	AM2AAR 50115N	AM2AAR 60115N
	2	AM2AAR 40215N	AM2AAR 45215N	AM2AAR 50215N	AM2AAR 60215N
	3	AM2AAR 40315N	AM2AAR 45315N	AM2AAR 50315N	AM2AAR 60315N
	4	AM2AAR 40415N	AM2AAR 45415N	AM2AAR 50415N	AM2AAR 60415N
	5	AM2AAR 40515N	AM2AAR 45515N	AM2AAR 50515N	AM2AAR 60515N
	6	AM2AAR 40615N	AM2AAR 45615N	AM2AAR 50615N	AM2AAR 60615N



	Ø				
	Cuff	4.0	4.5	5.0	6.0
NON HEX 25°	1	AM2AAR 40125N	AM2AAR 45125N	AM2AAR 50125N	AM2AAR 60125N
	2	AM2AAR 40225N	AM2AAR 45225N	AM2AAR 50225N	AM2AAR 60225N
	3	AM2AAR 40325N	AM2AAR 45325N	AM2AAR 50325N	AM2AAR 60325N
	4	AM2AAR 40425N	AM2AAR 45425N	AM2AAR 50425N	AM2AAR 60425N
	5	AM2AAR 40525N	AM2AAR 45525N	AM2AAR 50525N	AM2AAR 60525N
	6	AM2AAR 40625N	AM2AAR 45625N	AM2AAR 50625N	AM2AAR 60625N

- Used in producing cement-retained prosthetics
- Gold coloring for improved aesthetics
- 1.2mm Hex driver
- Recommended tightening torque : 30Ncm



SOLID ABUTMENT

	Ø				
Cuff	4.0	4.5	5.0	6.0	
1	AM2SAR 401040	AM2SAR 451040	AM2SAR 501040	AM2SAR 601040	
2	AM2SAR 402040	AM2SAR 452040	AM2SAR 502040	AM2SAR 602040	
PH 4	3	AM2SAR 403040	AM2SAR 453040	AM2SAR 503040	AM2SAR 603040
	4	AM2SAR 404040	AM2SAR 454040	AM2SAR 504040	AM2SAR 604040
	5	AM2SAR 405040	AM2SAR 455040	AM2SAR 505040	AM2SAR 605040
	6	AM2SAR 406040	AM2SAR 456040	AM2SAR 506040	AM2SAR 606040

Cuff					
1	AM2SAR 401055	AM2SAR 451055	AM2SAR 501055	AM2SAR 601055	
2	AM2SAR 402055	AM2SAR 452055	AM2SAR 502055	AM2SAR 602055	
PH 5.5	3	AM2SAR 403055	AM2SAR 453055	AM2SAR 503055	AM2SAR 603055
	4	AM2SAR 404055	AM2SAR 454055	AM2SAR 504055	AM2SAR 604055
	5	AM2SAR 405055	AM2SAR 455055	AM2SAR 505055	AM2SAR 605055
	6	AM2SAR 406055	AM2SAR 456055	AM2SAR 506055	AM2SAR 606055

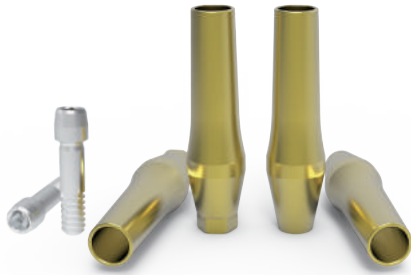


- Used in producing cement-retained prosthetics
- Gold coloring for improved aesthetics
- 1.2mm Hex driver
- Recommended tightening torque : 30Ncm

Cuff					
1	AM2SAR 401070	AM2SAR 451070	AM2SAR 501070	AM2SAR 601070	
2	AM2SAR 402070	AM2SAR 452070	AM2SAR 502070	AM2SAR 602070	
PH 7	3	AM2SAR 403070	AM2SAR 453070	AM2SAR 503070	AM2SAR 603070
	4	AM2SAR 404070	AM2SAR 454070	AM2SAR 504070	AM2SAR 604070
	5	AM2SAR 405070	AM2SAR 455070	AM2SAR 505070	AM2SAR 605070
	6	AM2SAR 406070	AM2SAR 456070	AM2SAR 506070	AM2SAR 606070

MILLING ABUTMENT PICK-UP IMPRESSION COPING

Milling Abutment



		Ø			
		4.0	4.5	5.0	6.0
HEX	Cuff 1.5	AM2MAR 4015H	AM2MAR 4515H	AM2MAR 5015H	AM2MAR 6015H
	Cuff 3.0	AM2MAR 4030H	AM2MAR 4530H	AM2MAR 5030H	AM2MAR 6030H
NON HEX	Cuff 1.5	AM2MAR 4015N	AM2MAR 4515N	AM2MAR 5015N	AM2MAR 6015N
	Cuff 3.0	AM2MAR 4030N	AM2MAR 4530N	AM2MAR 5030N	AM2MAR 6030N

- Used in producing cement-retained prosthetics
- Gold coloring for improved aesthetics
- 1.2mm Hex driver
- Recommended tightening torque : 30Ncm

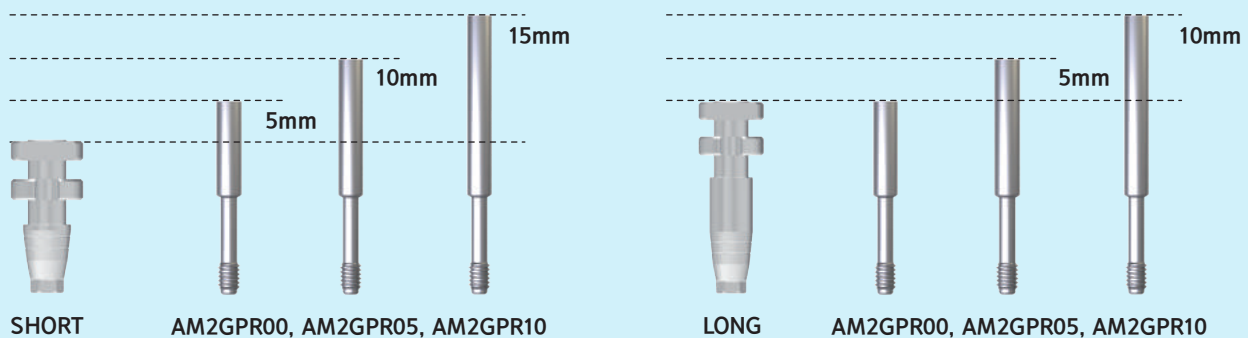
Pick-up Impression Coping



		Ø			
		4.0	4.5	5.0	6.0
HEX	Type SHORT	AM2PIR 40SH	AM2PIR 45SH	AM2PIR 50SH	AM2PIR 60SH
	Type LONG	AM2PIR 40LH	AM2PIR 45LH	AM2PIR 50LH	AM2PIR 60LH
NON HEX	Type SHORT	AM2PIR 40SN	AM2PIR 45SN	AM2PIR 50SN	AM2PIR 60SN
	Type LONG	AM2PIR 40LN	AM2PIR 45LN	AM2PIR 50LN	AM2PIR 60LN

- Takes impression using open tray technique
- Superior impression stability with an extended flat & groove
- 1.2mm Hex driver

Impression Coping Guide



FIXTURE LAB ANALOG ABUTMENT LAB ANALOG

Fixture Lab Analog

	3.5	4.0
	FLAR 35	FLAR 40



- Achieves fixture in oral cavity on a working model

Abutment Lab Analog

	Ø			
HEIGHT	4.0	4.5	5.0	6.0
4	ALA 4040	ALA 4540	ALA 5040	ALA 6040
5.5	ALA 4055	ALA 4555	ALA 5055	ALA 6055
7	ALA 4070	ALA 4570	ALA 5070	ALA 6070



- Achieves solid abutment on a working model

TEMPORARY ABUTMENT TRANSFER IMPRESSION COPING

Temporary Abutment



Type	4.5 [∅]
HEX	AM2TAR 4510H
NON-HEX	AM2TAR 4510N

- Used in producing temporary prosthetics
- Structure enabling easy customization
- 1.2mm Hex driver
- Recommended tightening torque : 20Ncm

Transfer Impression Coping



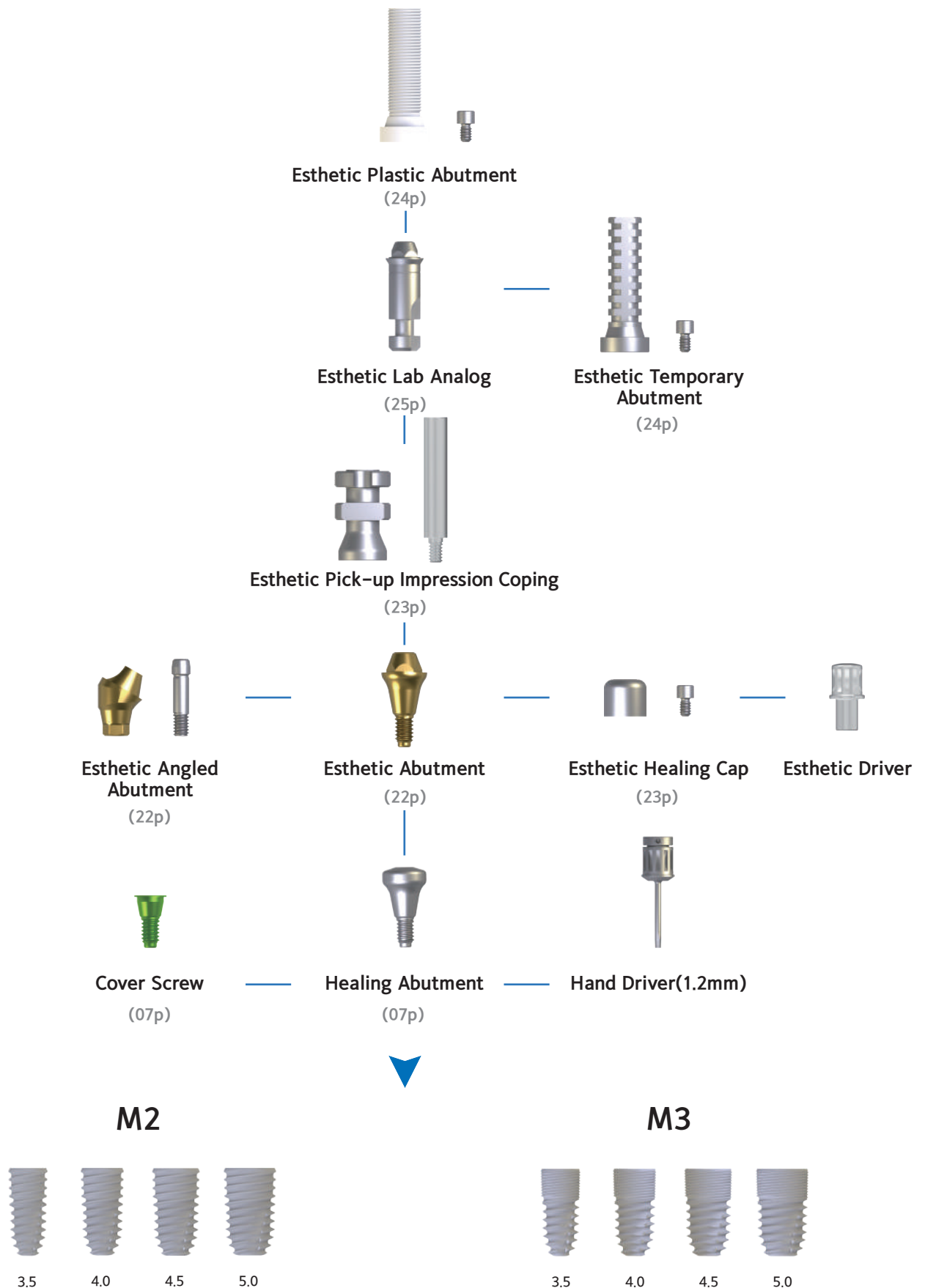
		∅			
		4.0	4.5	5.0	6.0
HEX	SHORT	AM2TIR 40SH	AM2TIR 45SH	AM2TIR 50SH	AM2TIR 60SH
	LONG	AM2TIR 40LH	AM2TIR 45LH	AM2TIR 50LH	AM2TIR 60LH
NON HEX	SHORT	AM2TIR 40SN	AM2TIR 45SN	AM2TIR 50SN	AM2TIR 60SN
	LONG	AM2TIR 40LN	AM2TIR 45LN	AM2TIR 50LN	AM2TIR 60LN

- Takes impression using closed tray technique
- 1.2mm Hex driver

PROSTHETICS FLOW DIAGRAMS

SCREW & CEMENT RETAINED RESTORATION.

PROSTHETICS FLOW DIAGRAMS



ESTHETIC SOLID ABUTMENT ESTHETIC ANGLED ABUTMENT

Esthetic Solid Abutment



- Used in screw type prosthetics in multiple cases
- Gold coloring for improved aesthetics
- Recommended tightening torque : 30Ncm

	Ø
Cuff	4.8
1	AM2ESR 10
2	AM2ESR 20
3	AM2ESR 30
4	AM2ESR 40
5	AM2ESR 50
6	AM2ESR 60

Esthetic Angled Abutment



- Used in implant path compensation in screw retained multiple case
- Up to 60 path compensation (two implant standard)
- Gold coloring for improved aesthetics
- Recommended tightening torque : 30Ncm
- 1.2mm Hex driver

	Ø
Cuff	4.8
2	AM2EAR 2017
17°	3
	AM2EAR 3017
	4
	AM2EAR 4017
30°	3
	AM2EAR 3030
	4
	AM2EAR 4030

ESTHETIC HEALING CAP ESTHETIC PICK-UP IMPRESSION COPING

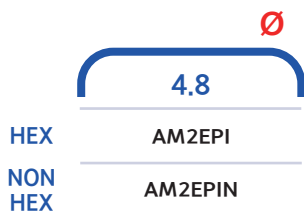


Esthetic Healing Cap



- Used when protecting a convertible abutment in the oral cavity and minimizing foreign body sensation for the patient
- Recommended tightening torque : 20Ncm
- 1.2mm Hex driver

Esthetic Pick-up Impression Coping

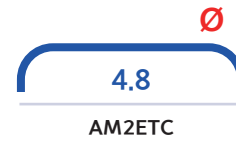


- Takes impression using open tray
- Superior impression stability with an extended flat & groove
- 1.2mm Hex driver

ESTHETIC TEMPORARY ABUTMENT

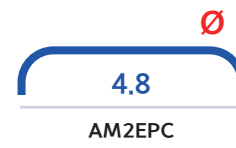
ESTHETIC PLASTIC ABUTMENT

Esthetic Temporary Abutment



- Used in producing temporary prosthetics
- Structure enabling easy customization and minimizing indication restrictions
- 1.2mm Hex driver
- Recommended tightening torque : 20Ncm

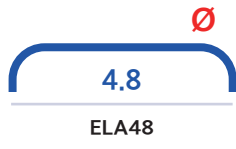
Esthetic Plastic Abutment



- Used in producing screw maintenance prosthetics
- Produces prosthetics after casting with dentalgrade alloy (gold, non-precious metals) after customization
- 1.2mm Hex driver
- Recommended tightening torque : 20Ncm

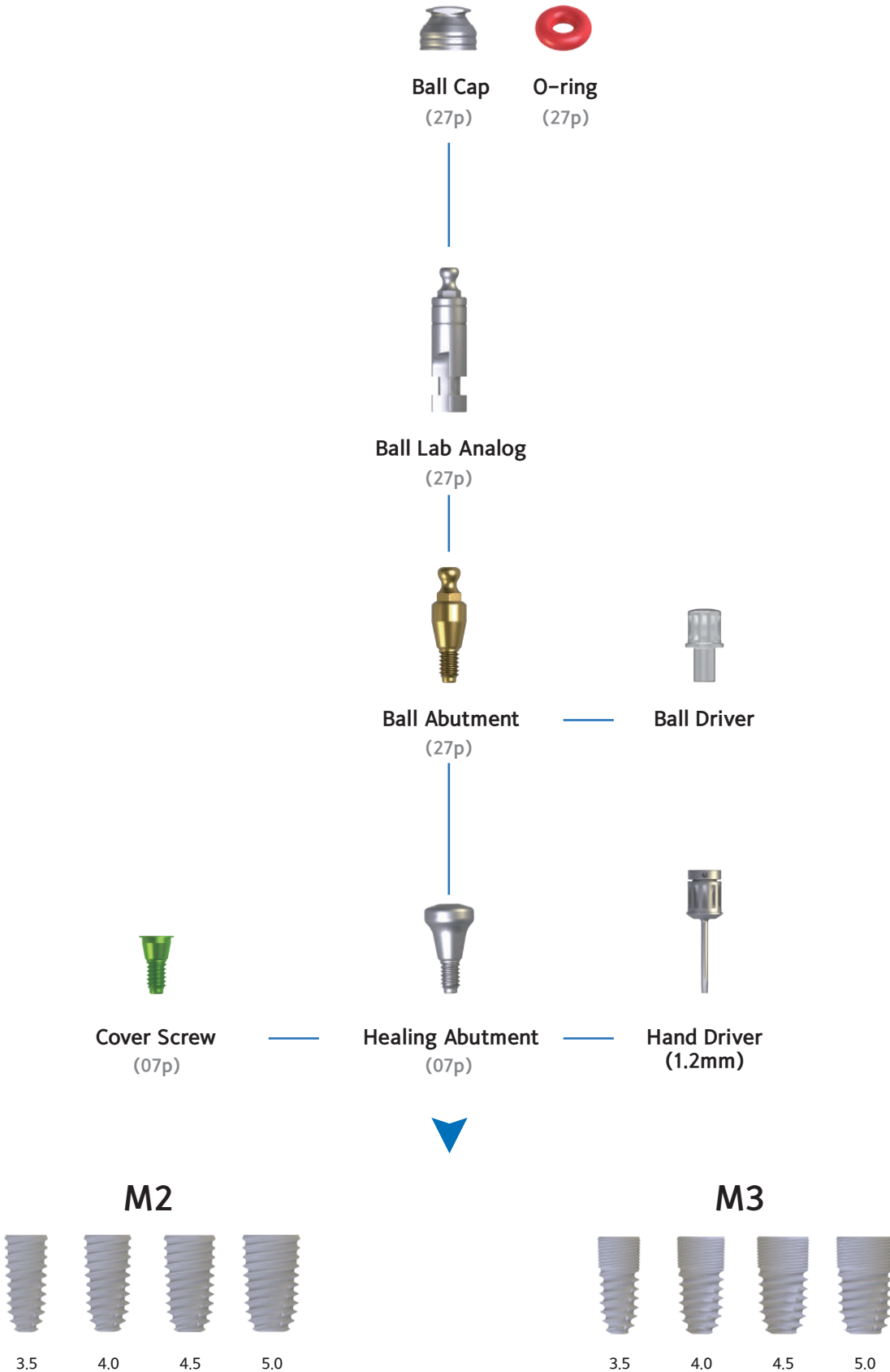
ESTHETIC LAB ANALOG

Esthetic Lab Analog



- Achieves Esthetic Solid Abutment of the oral cavity on a working model

OVERDENTURE RETAINED RESTORATION



BALL ABUTMENT BALL CAP BALL LAB ANALOG

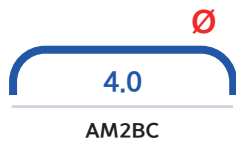
Cuff	Ø
0	AM2BAR 00
1	AM2BAR 10
2	AM2BAR 20
3	AM2BAR 30
4	AM2BAR 40
5	AM2BAR 50
6	AM2BAR 60

Ball Abutment



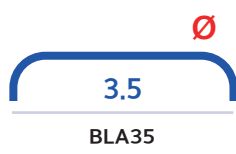
- Used in creating stud type overdenture prosthetics
- Gold coloring for improved aesthetics
- Ball Abutment driver
- Recommended tightening torque : 30Ncm

Ball Cap



- Used in creating stud type overdenture prosthetics

Ball Lab Analog



- Achieves Ball Abutment of the oral cavity on a working model



SURGICAL KIT LAY-OUT (29~37p)

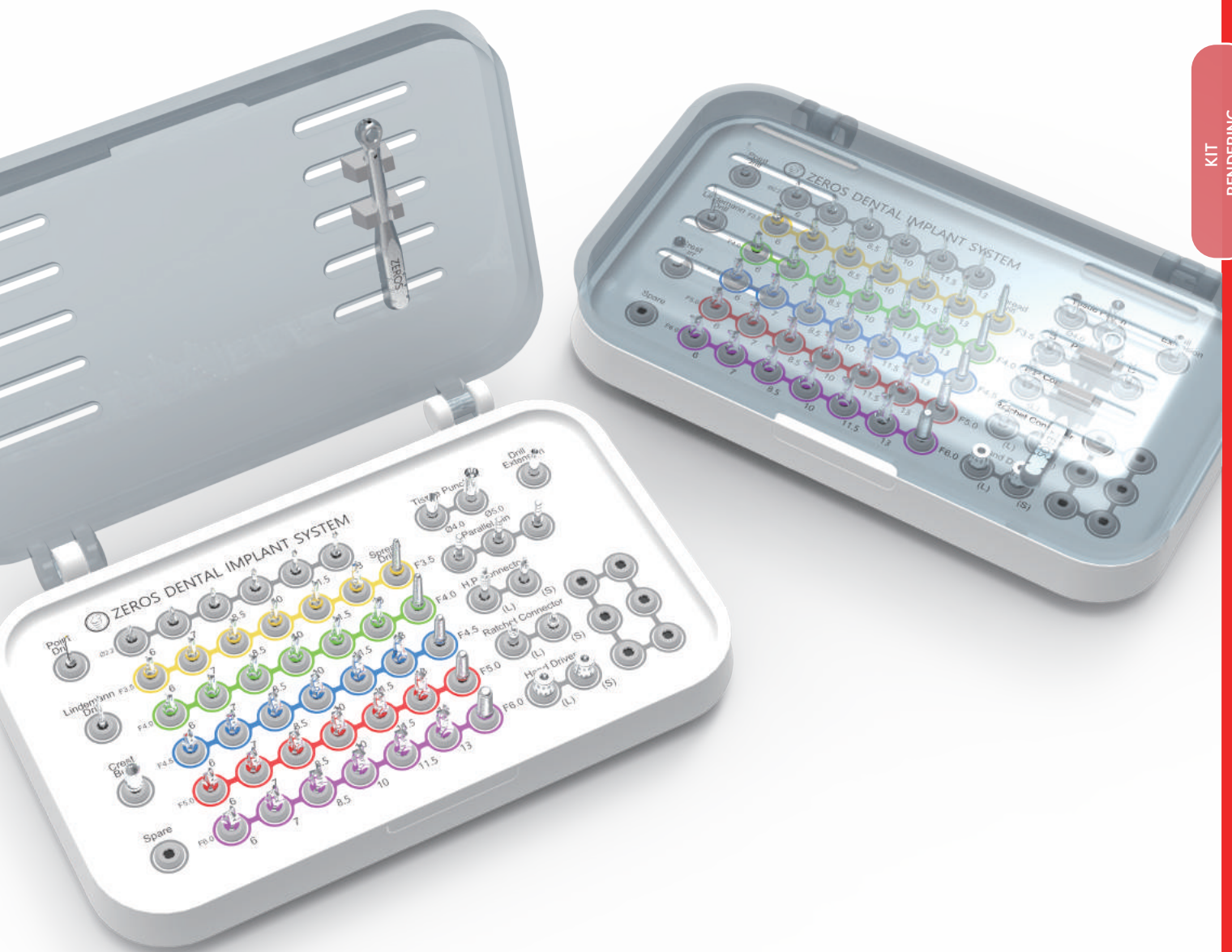
- Kit Rendering (30~32p)
- Parallel Pin (33p)
- Drill Extension (33p)
- Point Drill (33p)
- H.P Connector (33p)

KIT RENDERING (30~32p)

- Ratchet Connector (33p)
- Hand Driver (33p)
- Tissue Punch (34p)
- Lindemann Drill (34p)
- Crest Burr (34p)
- Ratchet Wrench (34p)
- Step Drill (35~36p)
- Spread Drill (37p)

<h1 style="margin: 0;">SURGICAL KIT.</h1>	<p>01 PARALLEL PIN</p>  <p>33P</p>	<p>02 DRILL EXTENSION</p>  <p>33P</p>	<p>03 POINT DRILL</p>  <p>33P</p>	<p>04 HANDPIECE CONNECTOR</p>  <p>33P</p>	
	<p>05 RATCHET CONNECTOR</p>  <p>33P</p>	<p>06 HAND DRIVER</p>  <p>33P</p>	<p>07 TISSUE PUNCH</p>  <p>34P</p>	<p>08 LINDEMANN DRILL</p>  <p>34P</p>	<p>09 CREST BURR</p>  <p>34P</p>
	<p>10 RATCHET WRENCH</p>  <p>34P</p>	<p>11 STEP DRILL (TSD2206~13)</p>  <p>35P</p>	<p>12 STEP DRILL (TSD3506~13)</p>  <p>35P</p>	<p>13 STEP DRILL (TSD4006~13)</p>  <p>35P</p>	<p>14 STEP DRILL (TSD4506~13)</p>  <p>36P</p>
	<p>15 STEP DRILL (TSD5006~13)</p>  <p>36P</p>	<p>16 SPREAD DRILL (TSPD35)</p>  <p>37P</p>	<p>17 SPREAD DRILL (TSPD40)</p>  <p>37P</p>	<p>18 SPREAD DRILL (TSPD45)</p>  <p>37P</p>	<p>19 SPREAD DRILL (TSPD50)</p>  <p>37P</p>

KIT RENDERING



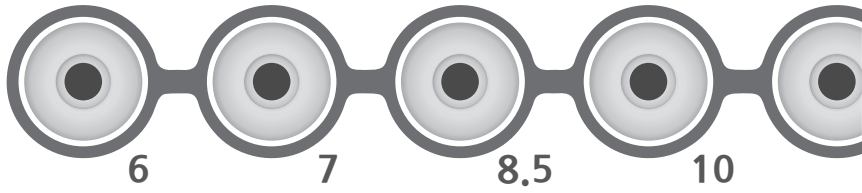
KIT
RENDERING

ZEROS IMPLANT SYSTEM

Point Drill



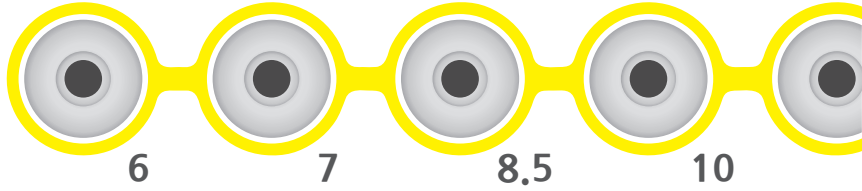
Ø2.2



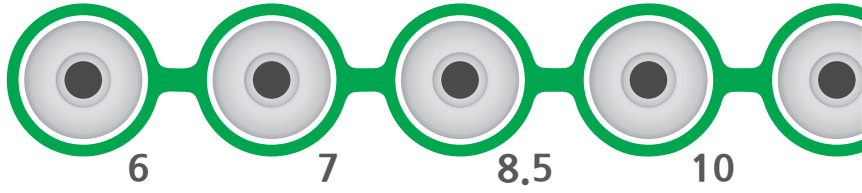
Lindemann Drill



F3.5



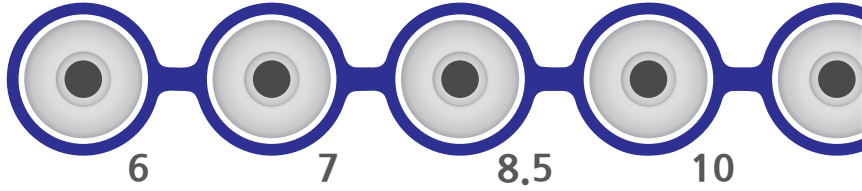
F4.0



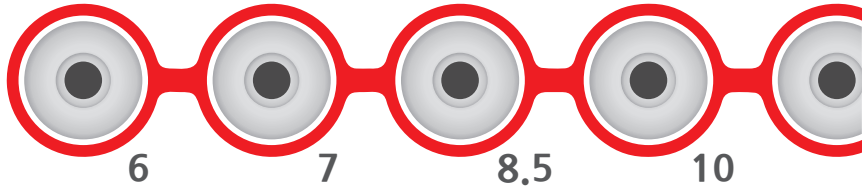
Crest Burr



F4.5



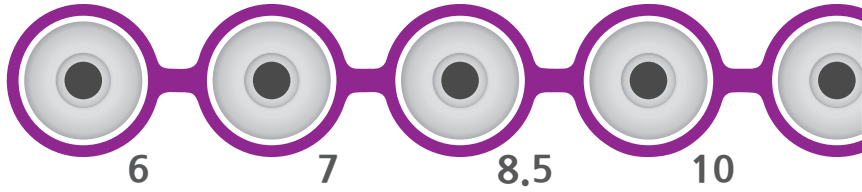
F5.0



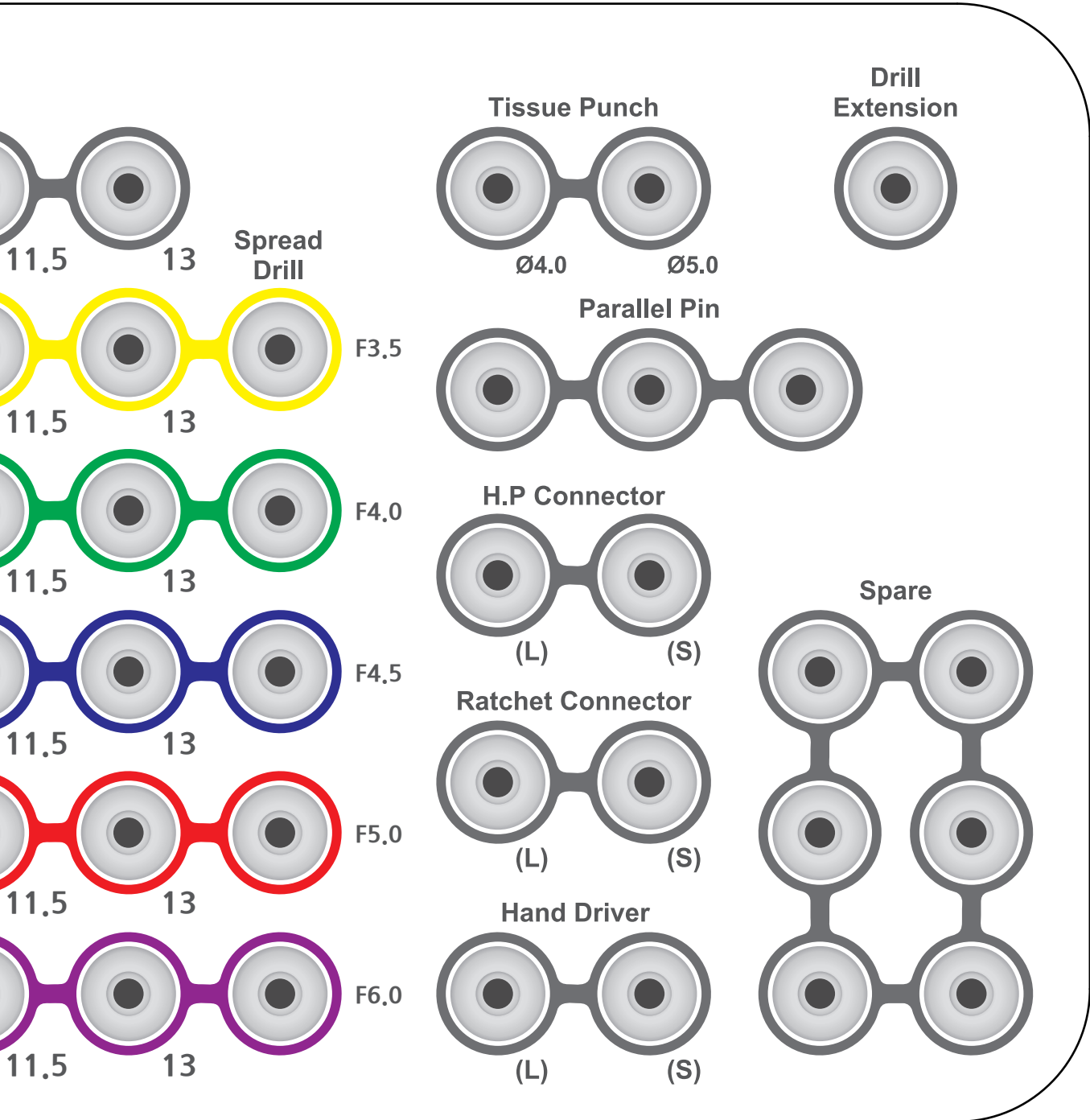
Spare



F6.0



SURGICAL KIT LAY-OUT



KIT
RENDERING

SURGICAL KIT

Parallel Pin

TPP



Drill Extension

TDE



Point Drill

TPD 16



H.P Connector

THC25L

THC25S



Ratchet Connector

TRC25S

TRC25L



Hand Driver

THD12S

THD12L



SURGICAL KIT

Tissue Punch

TTP 40

TTP 50



Lindemann Drill

TLD



Crest Burr

TCB



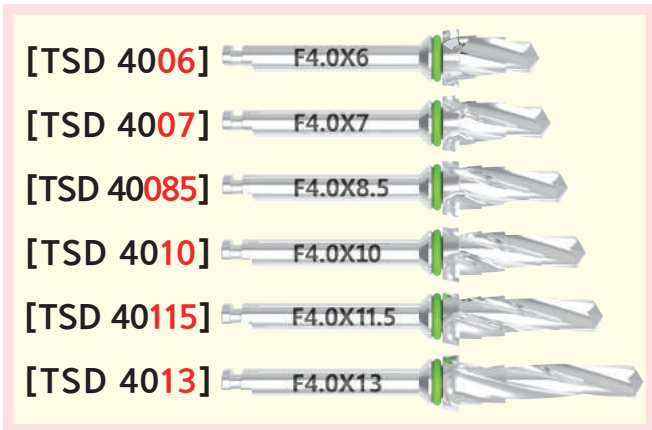
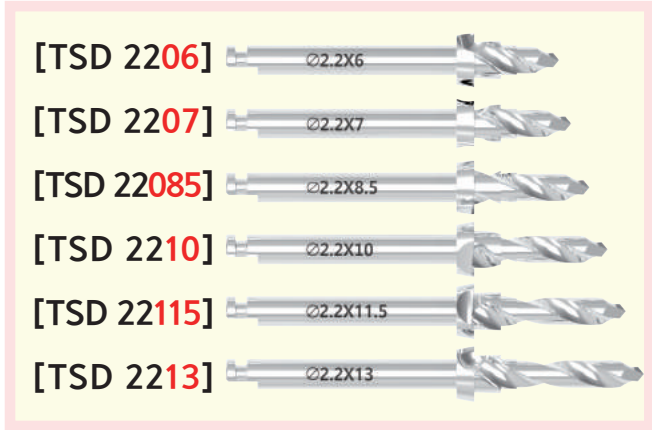
Ratchet Wrench

TRW

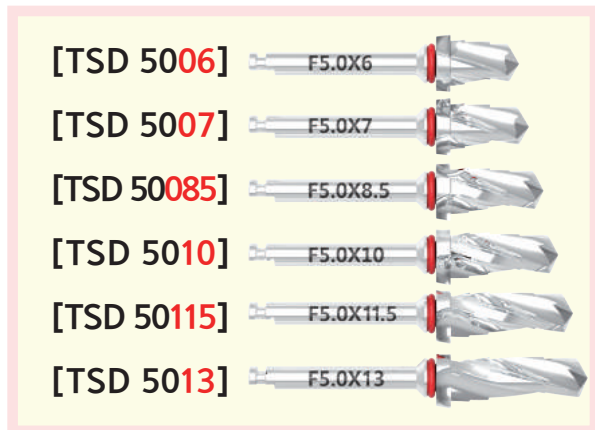


STEP DRILL

STEP DRILL



STEP DRILL







STEP DRILL

SPREAD DRILL



SPREAD DRILL

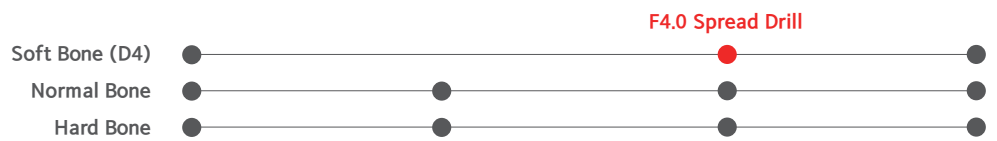
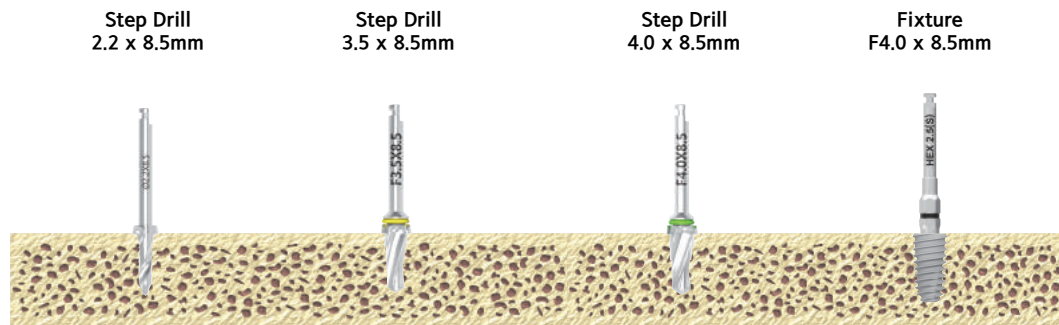
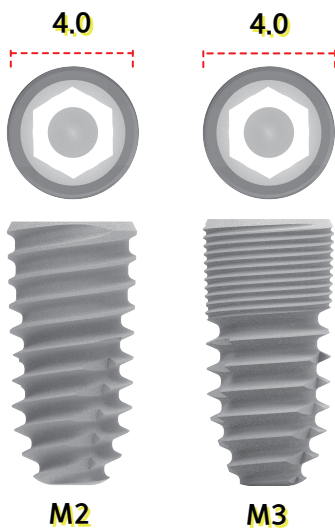
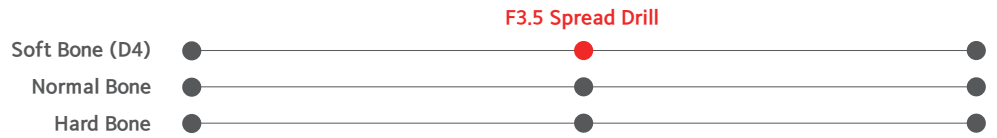
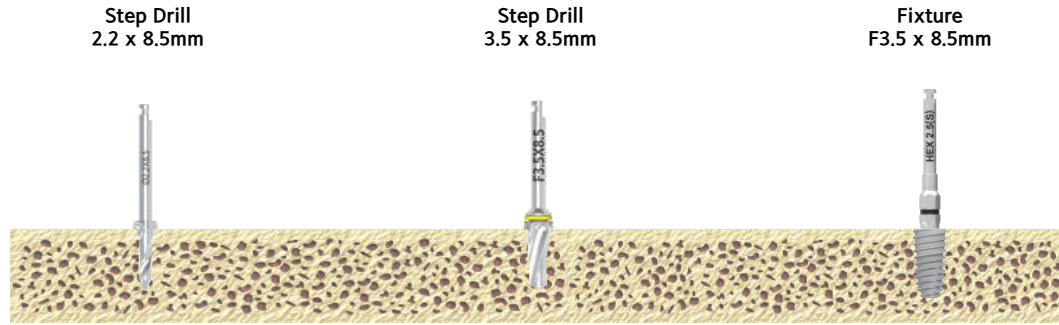
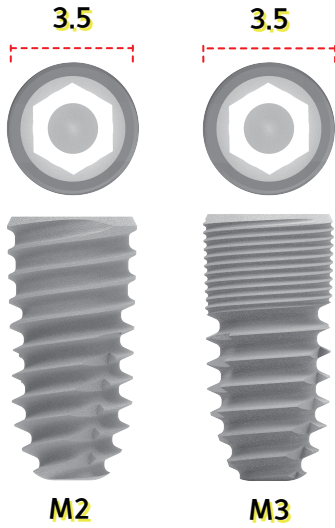
[TSPD 35]	
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[TSPD 50]	



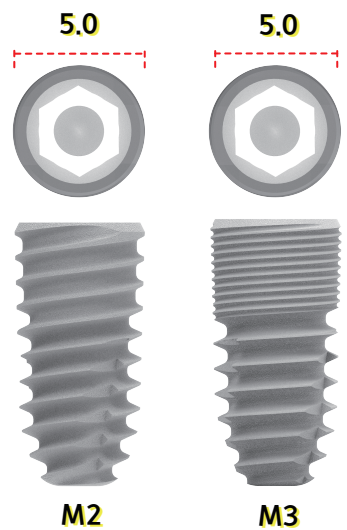
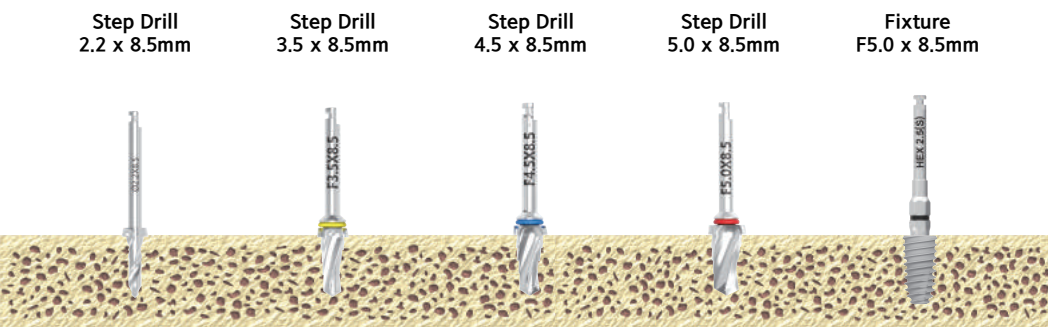
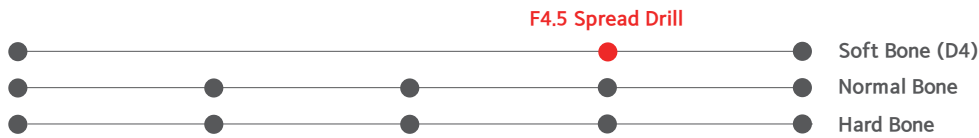
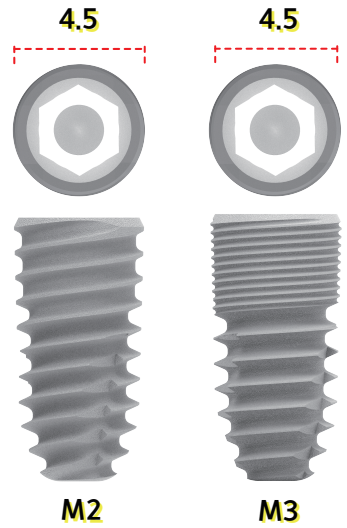
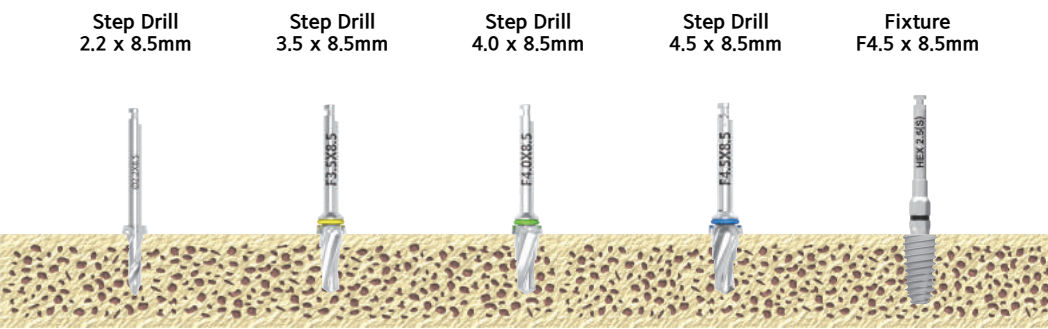
DRILLING SEQUENCE (39~40p)

- M2,M3 / 3.5 (39p)
- M2,M3 / 4.0 (39p)
- M2,M3 / 4.5 (40p)
- M2,M3 / 5.0 (40p)

DRILLING SEQUENCE



DRILLING SEQUENCE



DRILLING SEQUENCE



USER MANUAL (42~45p)

- **USER MANUAL (FIXTURE)** (42p)
- **USER MANUAL (ABUTMENT)** (43p)
- **USER MANUAL (SURGICAL)** (44p)
- **SYMBOL DESCRIPTION** (45p)

USER MANUAL (FIXTURE)

Intended Use

As the product which increased the surface area of sub-structure of titanium tooth which inserted into the alveolar bone and extended the contact surface area with osseous tissue, and have various size and length to implant at the anterior and posterior or maxilla and mandible part according to the various condition of lost bone.

Product description

ZEROS Implant is made of titanium and grafted in the maxillary or mandibular alveolar bone for surgical treatment. It plays the role of natural dental root. Refer to the manual or the catalogue or our website (www.zerosimplant.com) for detail. See the product label for the product code, specifications, manufacturing date, and expiration date.

Use

Should be used in accordance with the general implant guide.

Indications

- Generally good health, healthy oral cavity
- Predicted normal healing of wounds
- Jaw bone that has stopped growing
- Good oral cavity hygiene
- Available bone sufficient for vertical, mesio/distal, and buccal/lingual space
- Patient's full recognition of the risk in the course of performing each implant treatment

Contraindications

Following medical conditions may occur failure in cases when:

- Insufficient bones or poor bone quality to achieve implant stability
- Poor oral hygiene or pathological infection to alveolar bones
- Patient with uncontrollable diabetes, tissue disease influencing bone or wound treatment: heavy smoker or alcoholic
- Heavy smoking, tobacco abuse
- Any patient who is not suitable for operation

⚠ Warnings

Read carefully instruction for use before use.

The selection of inappropriate patients and operation methods can cause implant failure or loss of bone supporting the implant.

ZEROS implants must not be used for purposes other than the recommended use and must not be remodeled. Implant mobility, bone loss, and chronic infection can result in failure of the implant surgery.

Precautions

The surgical technology of dental implant involves an expert, complex procedure. Formal training is required to perform implant surgery.

Determine the local anatomy and suitability of the available bone for implant placement. Prepare the implant considering the expected situations and cautions. Visual inspections as well as panoramic and periapical radiographs are essential to determine anatomical landmarks, occlusal conditions, periodontal status, and the adequacy of the bone. Adequate radiographs, direct palpation, and visual inspection of the implant site are necessary prior to treatment, planning and use of ZEROS implant.

Side Effect

These Problems may occur after implantation (loss of implant stability, loss of prosthesis, etc). Deficient quality and quantity of remaining bone, infection, inferior oral hygiene or uncooperativeness of patient, implant mobility, partial deterioration of tissue, and improper position and arrangement of implants can cause instability.

Surgical complications

The implant procedure has risk, including localized swelling, dehiscence, tenderness of short duration, edema, hematoma, or bleeding. Numbness of the lower lip and chin region following lower jaw surgery, and of the tissue beside the nose following upper jaw surgery, is a possible side-effect of the surgery.

Though it would most probably be of a temporary nature, in very rare cases, the numbness has been permanent. Gingival-mucosal (gum tissue) ulceration, tissue reaction, or infection may occur, but generally responds to local care.

Sterilization and handling

and is ready to use.

The sterilized product must be used in a sterilized environment with sterilized tools. If the packaged is damaged, or if the expiration date has passed, do not use the product. Expired or contaminated product must not be re-sterilized; they must be disposed of.

Storage Condition

Keep the product in a dry place at room temperature(1°C~30°C).

Keep away from direct sunlight.

This product is valid for 3 years from the date of manufacture, please observe the validity date.

⚠ Cautions for use

Determine the number, angles, and positions of the implants to be grafted considering a minimum gap of 3mm between implant.

Local anesthesia is used: an anesthetic solution should be sufficient to anesthetize the periosteum surface.

Conventional implant treatment should be applied.

When using engine driver, the recommended speed is 15rpm, and maximum torque, 35Ncm. Once the maximum torque is reached, detach the driver mounted in the hand piece.

Afterward, connect the torque wrench and perform grafting while rotating the hand-driver clockwise.

It must be checked the information on length, diameter and depth for placement before use.

USER MANUAL (ABUTMENT)

Intended Use

As the product which increased the surface area of sub-structure of titanium tooth which inserted into the alveolar bone and extended the contact surface area with osseous tissue, and have various size and length to implant at the anterior and posterior or maxilla and mandible part according to the various condition of loss bone.

Product description

ZEROS Implant is a dental implant materials and consist of the Titanium.

Refer to manual, catalog or our website (www.zerosimplant.com) for details. For the product code, specification, manufacturing date, and expiration date see the product label.

Use

Should be used in accordance with the general implant guide.

General Precaution

The surgical technology of dental implantation requires an expert, it is a complex procedure which requires formal training to perform implantation.

Important

It is important to look at the anatomy and suitability of the available bone for implant placement. Prepare the implant considering the expected situations and cautions.

Visual inspection as well as panoramic and periapical radiographs are essential to determine anatomical landmarks, occlusal conditions, periodontal status, and adequacy of bone. Lateral cephalometric radiographs, CT scans, and tomograms may also be beneficial. In particular, the exact implant fixture can be assembled to prepare the abutment and the prosthetic components.

Indication

- Partial or full edentulous patients
- Periodontitis
- Dental caries
- Accidental tooth damage
- Congenital tooth defects
- Tooth loss due to other maxillofacial diseases

Contraindications

Contraindications include following, but are not limited to:

- Hemophilia Patient
- Patient experiencing difficulties related to bone and wound treatment
- Patient with uncontrollable diabetes, tissue disease influencing bone or wound treatment: heavy smoker or alcoholic
- Patient whose immunity system is inactivate due to chemical therapy and radiation therapy
- Patient with oral infection or inflammation (Improper oral hygiene, bruxism)
- Patient with untreatable occlusion/joint disorder, insufficient dental arch space
- Any patient who is not suitable for operation

Procedural Precautions (Surgery)

The Implant operation requires high accuracy and careful attention, we must try to minimize damage to the cell tissue and pay special attention to the temperature, surgical trauma, and/or removal of the source of contamination and infection.

Procedural Precautions (Prosthetics)

The prosthetic structure is small; make sure it is neither swallowed nor inhaled by the patient. Angled abutments are not recommended for placement in the posterior region of the mouth due to limitations of implant strength.

Stress distribution is especially important in implant operation as well as the fit of prosthesis and abutment on bridge, also the occlusal stability. Avoid using excessive force horizontally especially during immediate implantation. For the prosthesis whose substructure is made of gold alloy, gold should be used appropriately. Operate prosthesis after enough healing period.

Cautions for Patients

Do not apply excessive stress on the replacement until the last prosthesis is placed.

⚠ Side Effect

These Problems may occur after implantation (loss of implant stability, loss of prosthesis, etc). Deficient quality and quantity of remaining bone, infection, inferior oral hygiene or uncooperativeness of patient, implant mobility, partial deterioration of tissue, and improper position and arrangement of implants can cause instability.

⚠ Warning

Read carefully instruction for use before use.

Using ZEROS Implant safely and effectively requires special training, since the surgical techniques involved in the dental implant operation are highly specialized and very complex. The selection of inappropriate patients and operation methods can cause implant failures or loss of bone supporting the implant. ZEROS Implant must not be used for purposes other than the recommended use. Dental implants must never be remodeled. If the implant is contaminated by the patient's bodily fluids, it cannot be used in other patients. The ceramic abutment needs a special manufacturing process; the technician should be specifically trained in this process.

Sterility

The unsterilized prosthetic components must be sterilized in an autoclave at 132°C for 15 minutes before use. After the steam sterilization, the abutments should be dried for 15 minutes before use. This product is disposable medical device product in any case should not reuse.

Storage Conditions

Keep in cool(1°C~30°C) and dry place. Keep Out of direct sunlight This product is valid for semi-permanent before open.

USER MANUAL (SURGICAL)

Purpose

Surgical instrument which use for dental Implant surgery.

Precaution

Should be used by professional dentist, and forbid to use beyond of purpose. perform sterilization before the use after separate with other instrument.

The professional dentist should perform the surgery after mast the use method. should careful handling the surgical instrument not hurt neighboring tissue. should replace it if have problem in appearance and after drop in the floor. and remove the foreign material after surgery using ultrasonic washing machine.

Use method or operation sequence

Please refer our home page(www.zerosimplant.com) and catalog or manual for the surgery procedure and detail product operating method and sequence.

Preparation before use

Should use for decided usage only. must understand the product and surgical procedure before surgery. must check deform of appearance and scratch and damage of product.

Sterility

The unsterilized prosthetic components must be sterilized in an autoclave at 132°C for 15 minutes before use.

After the steam sterilization, the abutments should be dried for 15 minutes before use. This product is disposable medical device product in any case should not reuse.

Storing condition

Remove the water after washing and storing in the inside of room which not have direct sun shine.

SYMBOL DESCRIPTION



ZEROS Co., Ltd.

138-13, Pyeonggang-ro 345beon-gil, Gangseo-gu, Busan, Korea
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0197



Reference code



Use by date



Do not reuse



Date of manufacture



Catalogue number



Non sterile



Lot No.



Caution



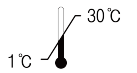
Representative



Manufacture



Keep away from sunlight



Temperature Limited

MEMO



www.zerosimplant.com

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