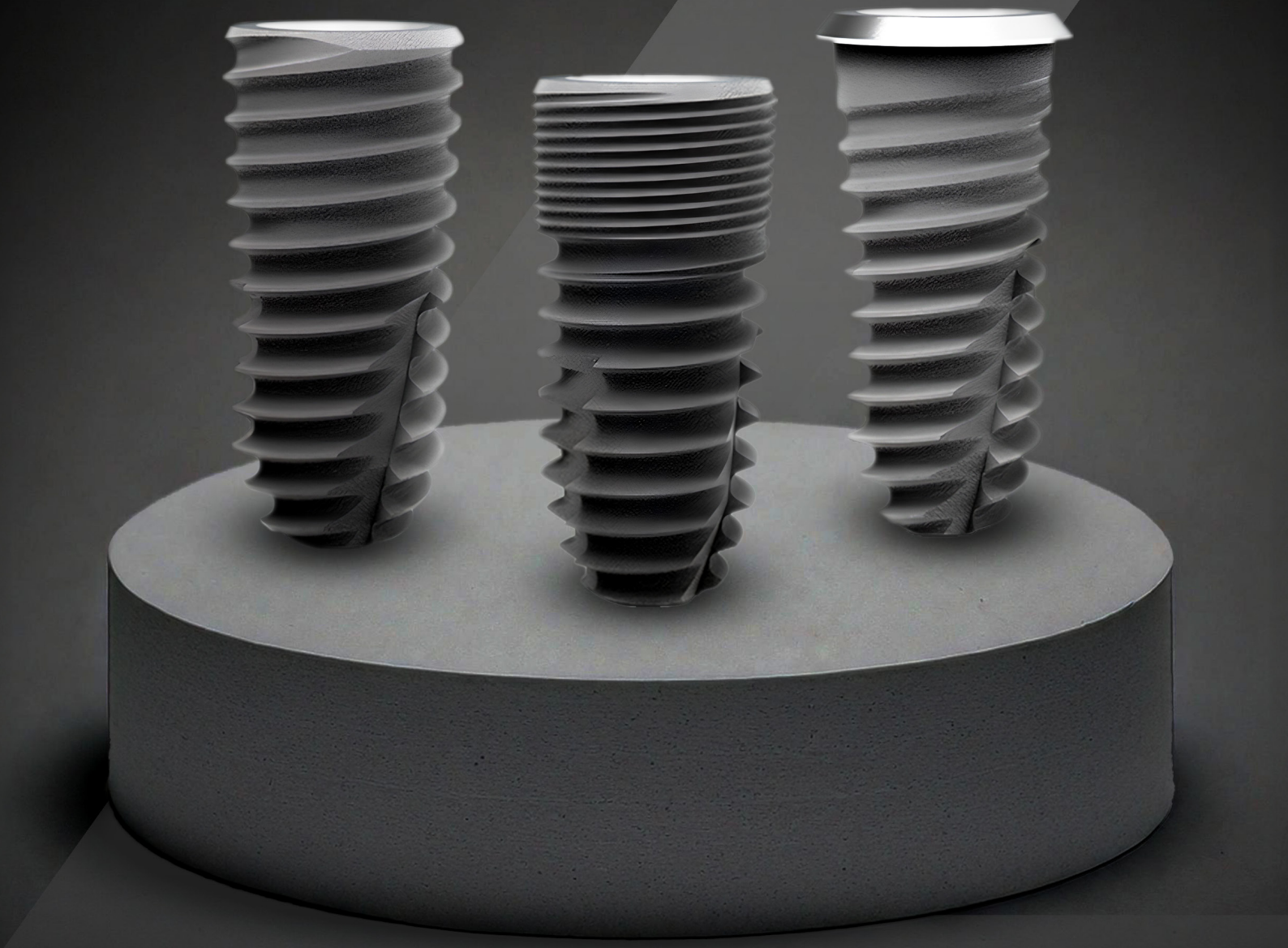
zeros

IMPLANT



Beyond precision, the implant ZEROS that becomes one with you.

INDEX

About ZEROS

CEO'S GREETING

Zeros Co., Ltd. is a dental medical device company that develops, manufactures, and sells dental implant systems, and is constantly challenging and innovating to support safe and convenient prosthetic care for patients and dentists.

GROUP

R&D

Dental implant system and dental devices.
Mechanical and surface characteristic Analysis.

PRODUCTION

Consistent and eco-friendly production system for dental implant system processing and post-processing using precision/ automation equipment.

QUALITY CONTROL

Quality management system operation based on ISO 13485 and GMP

BUSINESS AREA

- Dental Implant System manufacturing and sales
- Export to over 20 countries including Europe, Asia, US etc..
- Research and development of Dental devices

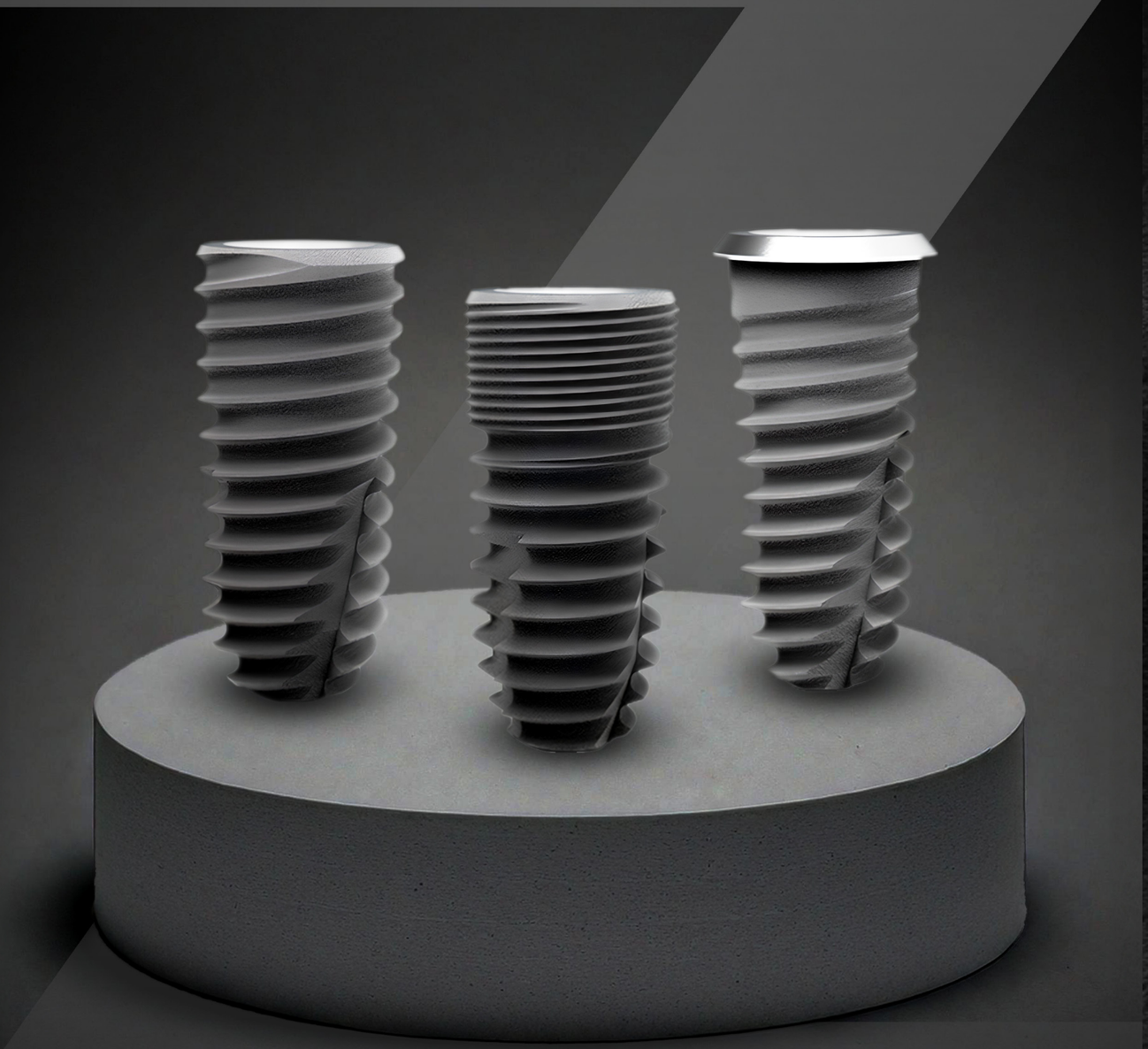
DENTAL IMPLANT SYSTEM

- Fixture
- Abutment
- Surgical Instrument

DENTAL DEVICES

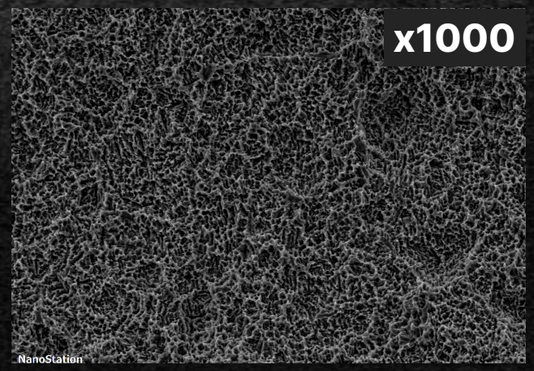
- Design and Analysis
- Production and supply

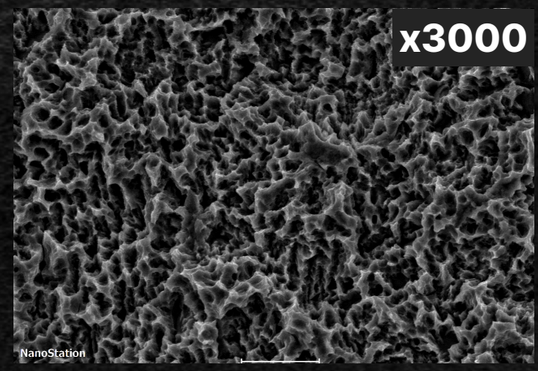
Beyond precision, the implant ZEROS that becomes one with you.



FIXTURE

S.L.A Surface





- **Surface of fixture are excellent in morphology and roughness. Increased 50% of the surface area than RBM.**
- **The S.L.A Surface and the entire taper shape of M2, M3 fixture could get enough initial fix.**

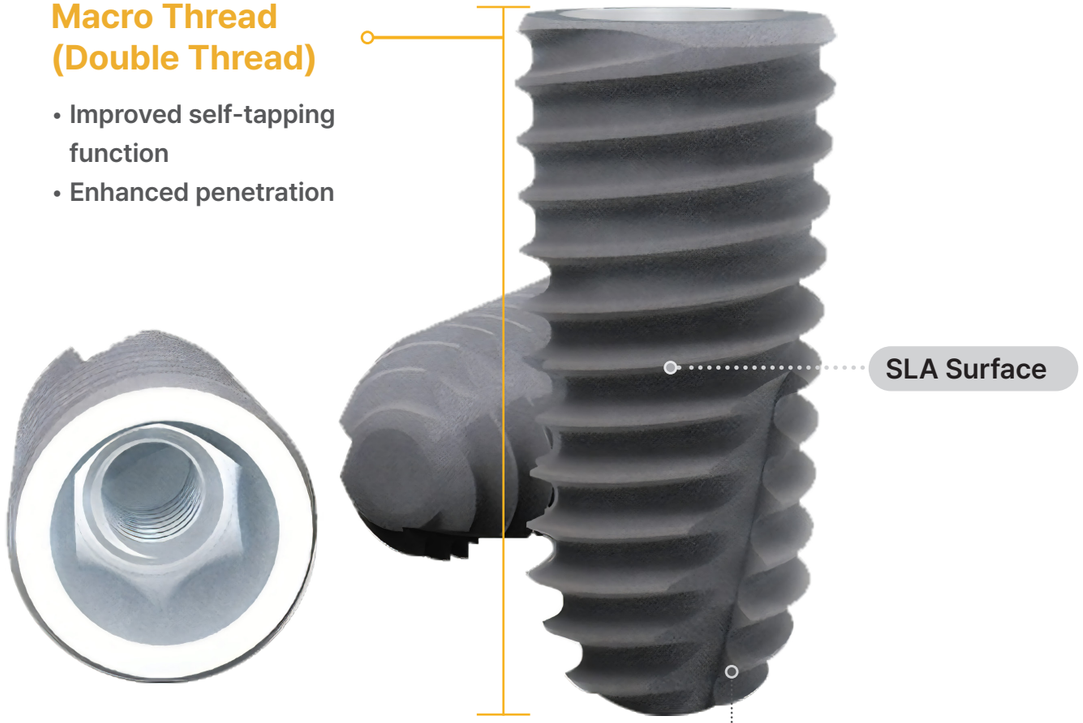
M2

CE 0197

FIXTURE DESIGN

Macro Thread (Double Thread)

- Improved self-tapping function
- Enhanced penetration



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

Cutting Edge Design

- The cutting edge which applied to fixture designed to have optimum torque at the all the bone 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.

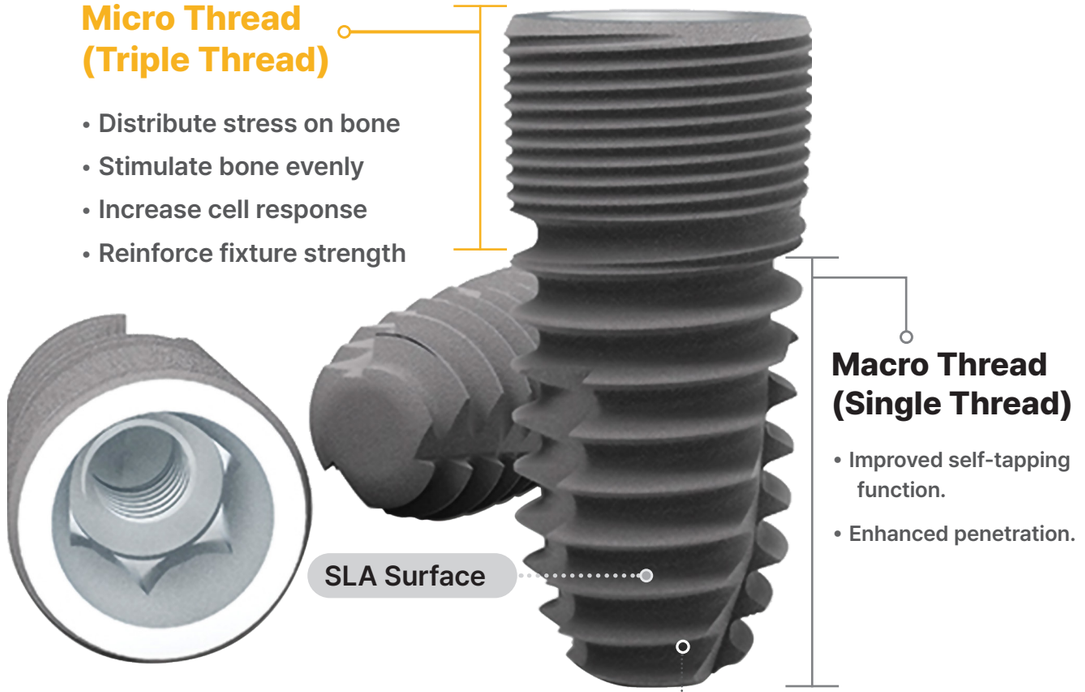
M3

CE 0197

FIXTURE DESIGN

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.

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

Cutting-edge design

- The cutting edge which applied to fixture designed to have optimum torque at the all the bone 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.

WING

CE 0197

FIXTURE DESIGN

WING

- Effectively dissipates stress at the top. Reliable initial fixation support.
- Blocking soft tissue proliferation when tooth extraction cave or bone defects occur.
- Bone formation support from below of wing.
- Preventing tilting and sinking of the fixture.
- Prevention Intrusion of fixture to sinus.

Plan Choice

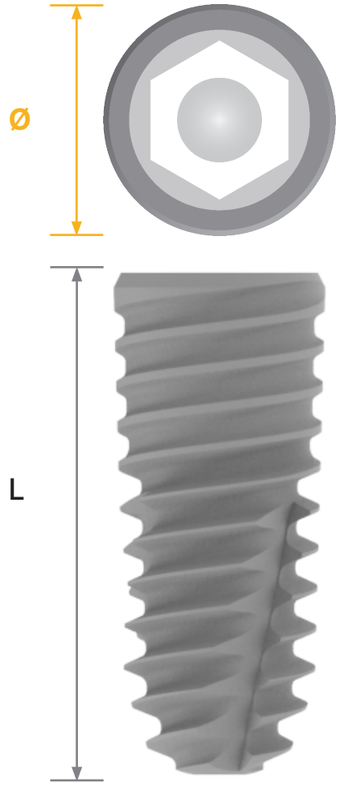
- When placing a fixture of small diameter in the posterior part
- Placement after maxillary sinus elevation
- Placement at the tooth extraction cave

Same body design as SA

- SLA surface
- Macro thread
- Cutting edge design

M2

FIXTURE



Macro Thread (Double Thread)

- Improved self-tapping function
- Enhanced penetration

Surface Treatment : SLA
Internal Hex : 2.5mm
Morse Taper : 11°
Female Screw : M2.0

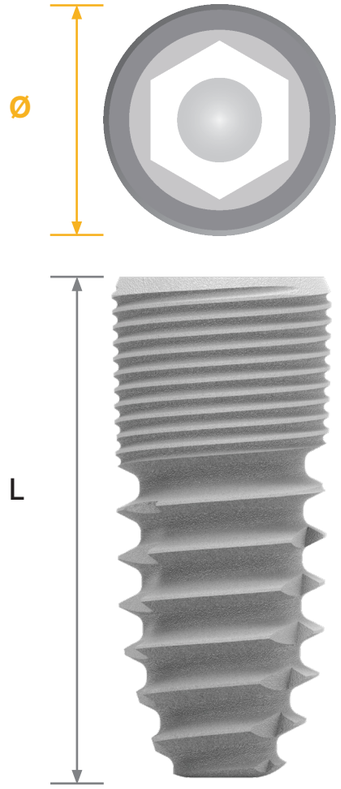
Ø : Diameter
L : Length

CONNECTION	Ø \ L	6mm	7mm	8mm	8.5mm	9mm	10mm	11mm	11.5mm	12mm	13mm	15mm
HEX 2.5	F3.5 (Ø3.8mm)	-	SD3507	SD3508	SD35085	SD3509	SD3510	SD3511	SD35115	SD3512	SD3513	SD3515
	F4.0 (Ø4.2mm)	-	SD4007	SD4008	SD40085	SD4009	SD4010	SD4011	SD40115	SD4012	SD4013	SD4015
	F4.5 (Ø4.6mm)	-	SD4507	SD4508	SD45085	SD4509	SD4510	SD4511	SD45115	SD4512	SD4513	SD4515
	F5.0 (Ø5.1mm)	SD5006	SD5007	SD5008	SD50085	SD5009	SD5010	SD5011	SD50115	SD5012	SD5013	SD5015
	F5.5 (Ø5.5mm)	SD5506	SD5507	SD5508	SD55085	SD5509	SD5510	SD5511	SD55115	SD5512	SD5513	SD5515
	F6.0 (Ø6.0mm)	SD6006	SD6007	SD6008	SD60085	SD6009	SD6010	SD6011	SD60115	SD6012	SD6013	SD6015

Note 1. Nominal diameter and actual diameter may slightly differ.
Note 2. Model name of 'SDXXXX' means the set model name combined with cover screw.
Ex) SD4007 : Fixture (FM2R42070) + cover screw

M3

FIXTURE



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

Surface Treatment : SLA
Internal Hex : 2.5mm
Morse Taper : 11°
Female Screw : M2.0

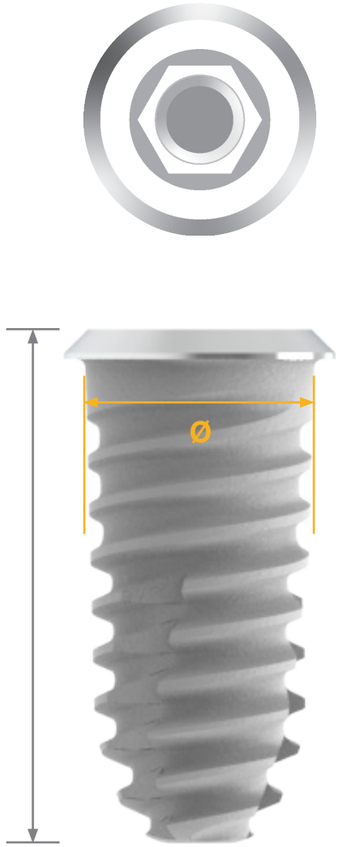
Ø : Diameter
L : Length

CONNECTION	Ø \ L	6mm	7mm	8.5mm	10mm	11.5mm	13mm	14.5mm	15mm
HEX 2.5	F3.5 (Ø3.8mm)	-	ST3507	ST35085	ST3510	ST35115	ST3513	ST35145	ST3515
	F4.0 (Ø4.2mm)	-	ST4007	ST40085	ST4010	ST40115	ST4013	ST40145	ST4015
	F4.5 (Ø4.6mm)	-	ST4507	ST45085	ST4510	ST45115	ST4513	ST45145	ST4515
	F5.0 (Ø5.1mm)	ST5006	ST5007	ST50085	ST5010	ST50115	ST5013	ST50145	ST5015
	F5.5 (Ø5.5mm)	ST5506	ST5507	ST55085	ST5510	ST55115	ST5513	ST55145	ST5515
	F6.0 (Ø6.0mm)	ST6006	ST6007	ST60085	ST6010	ST60115	ST6013	ST60145	ST6015

Note 1. Nominal diameter and actual diameter may slightly differ.
Note 2. Model name of 'STXXXX' means the set model name combined with cover screw.
Ex) ST4007 : Fixture (FM3R42070) + cover screw

WING

FIXTURE



Macro Thread (Double Thread)

- Improved self-tapping function
- Enhanced penetration

Surface Treatment : SLA
Internal Hex : 2.5mm
Morse Taper : 11°
Female Screw : M2.0

Ø : Diameter
L : Length

CONNECTION	Ø \ L	6mm	7mm	8mm	8.5mm	9mm	10mm	11mm	11.5mm	12mm	13mm	15mm
HEX 2.5	F3.5 (Ø3.8mm)	-	WW3507SA	WW3508SA	WW35085SA	WW3509SA	WW3510SA	WW3511SA	WW35115SA	WW3512SA	WW3513SA	WW3515SA
	F4.0 (Ø4.2mm)	-	WW4007SA	WW4008SA	WW40085SA	WW4009SA	WW4010SA	WW4011SA	WW40115SA	WW4012SA	WW4013SA	WW4015SA
	F4.5 (Ø4.6mm)	-	WW4507SA	WW4508SA	WW45085SA	WW4509SA	WW4510SA	WW4511SA	WW45115SA	WW4512SA	WW4513SA	WW4515SA
	F5.0 (Ø5.1mm)	WW5006SA	WW5007SA	WW5008SA	WW50085SA	WW5009SA	WW5010SA	WW5011SA	WW50115SA	WW5012SA	WW5013SA	WW5015SA
	F5.5 (Ø5.5mm)	WW5506SA	WW5507SA	WW5508SA	WW55085SA	WW5509SA	WW5510SA	WW5511SA	WW55115SA	WW5512SA	WW5513SA	WW5515SA
	F6.0 (Ø6.0mm)	WW6006SA	WW6007SA	WW6008SA	WW60085SA	WW6009SA	WW6010SA	WW6011SA	WW60115SA	WW6012SA	WW6013SA	WW6015SA

Note 1. Nominal diameter and actual diameter may slightly differ.
Note 2. Model name of 'WWXXXX' means the set model name combined with cover screw.
Ex) WW4007SA : Fixture (WWF42070SA) + cover screw

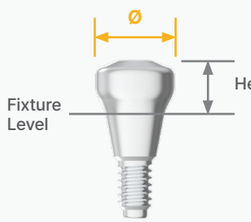
COVER SCREW & HEALING ABUTMENT

COVER SCREW

- 1.2mm Hex driver
- Tighten by hand

AM2CSR 40

HEALING ABUTMENT

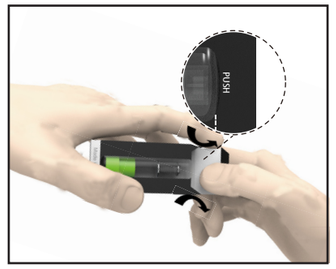


- 1.2mm Hex driver
- Tighten by hand

H \ Ø	4.0mm	4.5mm	5.0mm	5.5mm	6.0mm	6.5mm
3.0mm	AM2HAR**403**	AM2HAR**453**	AM2HAR**503**	AM2HAR**553**	AM2HAR**603**	AM2HAR**653**
4.0mm	AM2HAR**404**	AM2HAR**454**	AM2HAR**504**	AM2HAR**554**	AM2HAR**604**	AM2HAR**654**
5.0mm	AM2HAR**405**	AM2HAR**455**	AM2HAR**505**	AM2HAR**555**	AM2HAR**605**	AM2HAR**655**
6.0mm	AM2HAR**406**	AM2HAR**456**	AM2HAR**506**	AM2HAR**556**	AM2HAR**606**	AM2HAR**656**
7.0mm	AM2HAR**407**	AM2HAR**457**	AM2HAR**507**	AM2HAR**557**	AM2HAR**607**	AM2HAR**657**
8.0mm	AM2HAR**408**	AM2HAR**458**	AM2HAR**508**	AM2HAR**558**	AM2HAR**608**	AM2HAR**658**
9.0mm	AM2HAR**409**	AM2HAR**459**	AM2HAR**509**	AM2HAR**559**	AM2HAR**609**	AM2HAR**659**

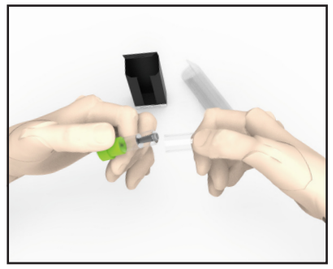
How to USE

01



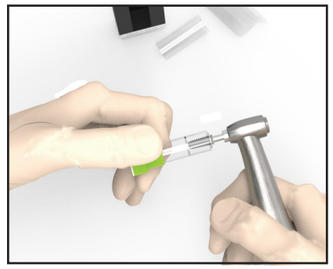
Open the package box by pushing the push part in the front side

02



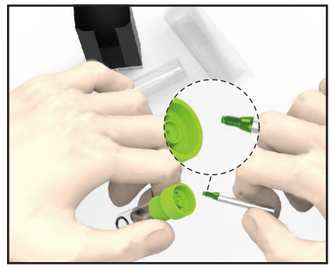
It is more conveniently could open if you rotate the transparent cover with the product upward

03



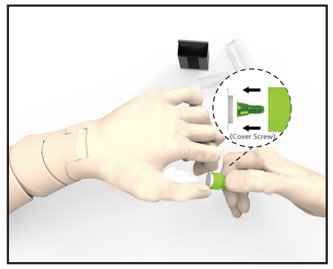
Connect the Hand - piece connector with Fixture

04



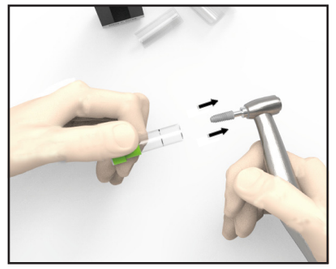
Should check the upper part of fixture meet with low part of marking Line

05

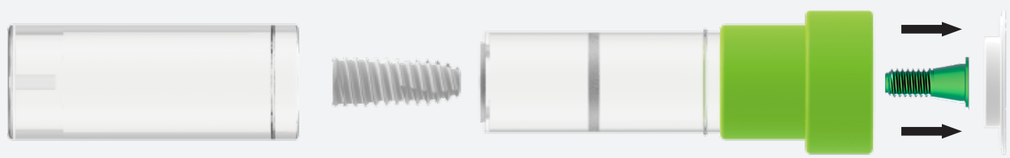


Check the Cover Screw by open the white silicone cap in the opposite direction

06



Connect the Cover Screw with Fixture using 1.2 Hex driver



Beyond precision, the implant ZEROS that becomes one with you.

ABUTMENT

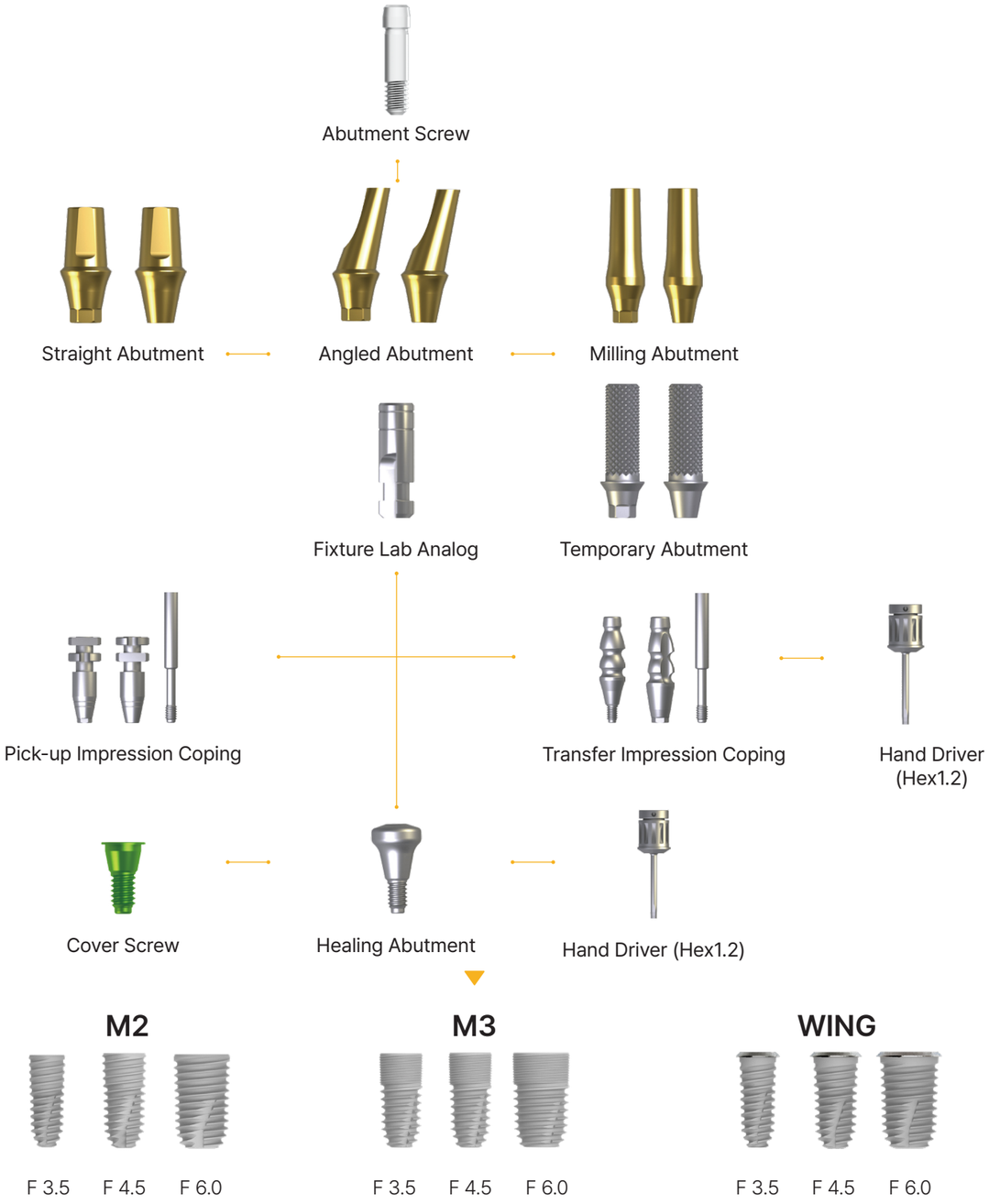
REFERENCE CODE

CE 0197

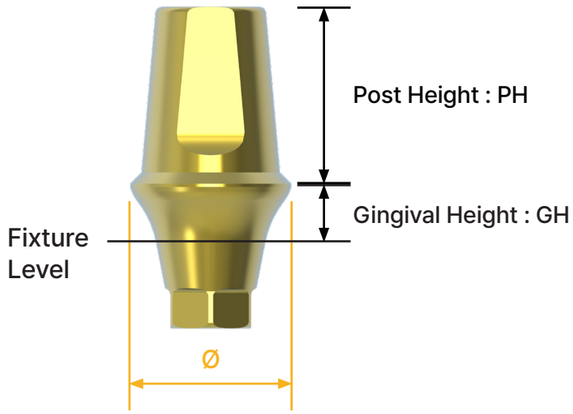
Reference Code				
01 STRAIGHT ABUTMENT (HEX)  19P	02 STRAIGHT ABUTMENT (NON-HEX)  20P	03 ANGLED ABUTMENT (HEX)  21P	04 ANGLED ABUTMENT (NON- HEX)  22P	
05 SOLID ABUTMENT  23P	06 MILLING ABUTMENT (HEX)  24P	07 MILLING ABUTMENT (NON-HEX)  24P	08 TEMPORARY ABUTMENT (HEX)  24P	09 TEMPORARY ABUTMENT (NON-HEX)  24P
10 FIXTURE LAB ANALOG  25P	11 ABUTMENT LAB ANALOG  25P	12 PICK-UP IMPRESSION COPING (HEX)  26P	13 PICK-UP IMPRESSION COPING (NON-HEX)  26P	14 TRANSFER IMPRESSION COPING (HEX)  26P
15 TRANSFER IMPRESSION COPING (NON-HEX)  26P	16 ESTHETIC SOLID ABUTMENT  28P	17 ESTHETIC ANGLED ABUTMENT  28P	18 ESTHETIC HEALING CAP  28P	19 ESTHETIC PICK-UP IMPRESSION COPING  29P
20 ESTHETIC TEMPORARY ABUTMENT  29P	21 ESTHETIC LAB ANALOG  29P	22 BALL ABUTMENT  31P	23 BALL CAP SET  31P	24 BALL LAB ANALOG  31P

PROSTHETICS FLOW DIAGRAMS

SCREW & CEMENT RETAINED RESTORATION



STRAIGHT ABUTMENT

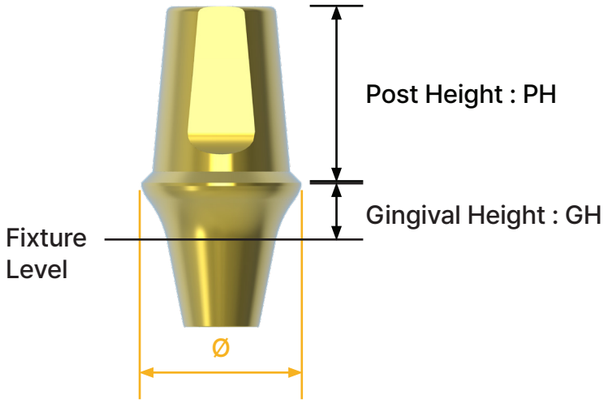


HEX

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

	GH \ Ø	4.0mm	4.5mm	5.0mm	5.5mm	6.0mm	6.5mm
PH 4	1	AM2STR **401040**H	AM2STR **451040**H	AM2STR **501040**H	AM2STR **551040**H	AM2STR **601040**H	AM2STR **651040**H
	2	AM2STR **402040**H	AM2STR **452040**H	AM2STR **502040**H	AM2STR **552040**H	AM2STR **602040**H	AM2STR **652040**H
	3	AM2STR **403040**H	AM2STR **453040**H	AM2STR **503040**H	AM2STR **553040**H	AM2STR **603040**H	AM2STR **653040**H
	4	AM2STR **404040**H	AM2STR **454040**H	AM2STR **504040**H	AM2STR **554040**H	AM2STR **604040**H	AM2STR **654040**H
	5	AM2STR **405040**H	AM2STR **455040**H	AM2STR **505040**H	AM2STR **555040**H	AM2STR **605040**H	AM2STR **655040**H
	6	AM2STR **406040**H	AM2STR **456040**H	AM2STR **506040**H	AM2STR **556040**H	AM2STR **606040**H	AM2STR **656040**H
PH 5.5	1	AM2STR **401055**H	AM2STR **451055**H	AM2STR **501055**H	AM2STR **551055**H	AM2STR **601055**H	AM2STR **651055**H
	2	AM2STR **402055**H	AM2STR **452055**H	AM2STR **502055**H	AM2STR **552055**H	AM2STR **602055**H	AM2STR **652055**H
	3	AM2STR **403055**H	AM2STR **453055**H	AM2STR **503055**H	AM2STR **553055**H	AM2STR **603055**H	AM2STR **653055**H
	4	AM2STR **404055**H	AM2STR **454055**H	AM2STR **504055**H	AM2STR **554055**H	AM2STR **604055**H	AM2STR **654055**H
	5	AM2STR **405055**H	AM2STR **455055**H	AM2STR **505055**H	AM2STR **555055**H	AM2STR **605055**H	AM2STR **655055**H
	6	AM2STR **406055**H	AM2STR **456055**H	AM2STR **506055**H	AM2STR **556055**H	AM2STR **606055**H	AM2STR **656055**H
PH 7	1	AM2STR **401070**H	AM2STR **451070**H	AM2STR **501070**H	AM2STR **551070**H	AM2STR **601070**H	AM2STR **651070**H
	2	AM2STR **402070**H	AM2STR **452070**H	AM2STR **502070**H	AM2STR **552070**H	AM2STR **602070**H	AM2STR **652070**H
	3	AM2STR **403070**H	AM2STR **453070**H	AM2STR **503070**H	AM2STR **553070**H	AM2STR **603070**H	AM2STR **653070**H
	4	AM2STR **404070**H	AM2STR **454070**H	AM2STR **504070**H	AM2STR **554070**H	AM2STR **604070**H	AM2STR **654070**H
	5	AM2STR **405070**H	AM2STR **455070**H	AM2STR **505070**H	AM2STR **555070**H	AM2STR **605070**H	AM2STR **655070**H
	6	AM2STR **406070**H	AM2STR **456070**H	AM2STR **506070**H	AM2STR **556070**H	AM2STR **606070**H	AM2STR **656070**H

STRAIGHT ABUTMENT

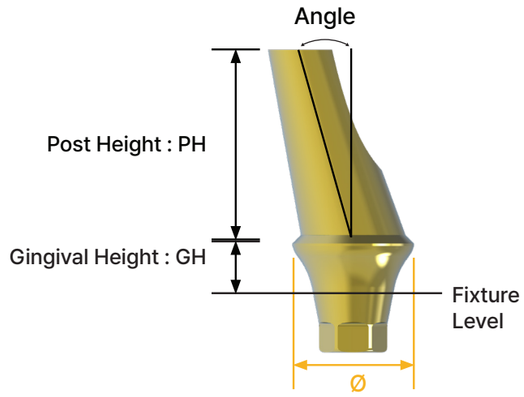


NON-HEX

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

	GH \ Ø	4.0mm	4.5mm	5.0mm	5.5mm	6.0mm	6.5mm
PH 4	1	AM2STR **401040N**	AM2STR **451040N**	AM2STR **501040N**	AM2STR **551040N**	AM2STR **601040N**	AM2STR **651040N**
	2	AM2STR **402040N**	AM2STR **452040N**	AM2STR **502040N**	AM2STR **552040N**	AM2STR **602040N**	AM2STR **652040N**
	3	AM2STR **403040N**	AM2STR **453040N**	AM2STR **503040N**	AM2STR **553040N**	AM2STR **603040N**	AM2STR **653040N**
	4	AM2STR **404040N**	AM2STR **454040N**	AM2STR **504040N**	AM2STR **554040N**	AM2STR **604040N**	AM2STR **654040N**
	5	AM2STR **405040N**	AM2STR **455040N**	AM2STR **505040N**	AM2STR **555040N**	AM2STR **605040N**	AM2STR **655040N**
	6	AM2STR **406040N**	AM2STR **456040N**	AM2STR **506040N**	AM2STR **556040N**	AM2STR **606040N**	AM2STR **656040N**
PH 5.5	1	AM2STR **401055N**	AM2STR **451055N**	AM2STR **501055N**	AM2STR **551055N**	AM2STR **601055N**	AM2STR **651055N**
	2	AM2STR **402055N**	AM2STR **452055N**	AM2STR **502055N**	AM2STR **552055N**	AM2STR **602055N**	AM2STR **652055N**
	3	AM2STR **403055N**	AM2STR **453055N**	AM2STR **503055N**	AM2STR **553055N**	AM2STR **603055N**	AM2STR **653055N**
	4	AM2STR **404055N**	AM2STR **454055N**	AM2STR **504055N**	AM2STR **554055N**	AM2STR **604055N**	AM2STR **654055N**
	5	AM2STR **405055N**	AM2STR **455055N**	AM2STR **505055N**	AM2STR **555055N**	AM2STR **605055N**	AM2STR **655055N**
	6	AM2STR **406055N**	AM2STR **456055N**	AM2STR **506055N**	AM2STR **556055N**	AM2STR **606055N**	AM2STR **656055N**
PH 7	1	AM2STR **401070N**	AM2STR **451070N**	AM2STR **501070N**	AM2STR **551070N**	AM2STR **601070N**	AM2STR **651070N**
	2	AM2STR **402070N**	AM2STR **452070N**	AM2STR **502070N**	AM2STR **552070N**	AM2STR **602070N**	AM2STR **652070N**
	3	AM2STR **403070N**	AM2STR **453070N**	AM2STR **503070N**	AM2STR **553070N**	AM2STR **603070N**	AM2STR **653070N**
	4	AM2STR **404070N**	AM2STR **454070N**	AM2STR **504070N**	AM2STR **554070N**	AM2STR **604070N**	AM2STR **654070N**
	5	AM2STR **405070N**	AM2STR **455070N**	AM2STR **505070N**	AM2STR **555070N**	AM2STR **605070N**	AM2STR **655070N**
	6	AM2STR **406070N**	AM2STR **456070N**	AM2STR **506070N**	AM2STR **556070N**	AM2STR **606070N**	AM2STR **656070N**

ANGLED ABUTMENT



HEX

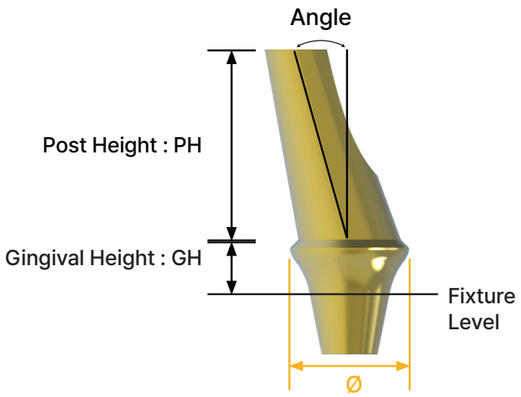
- Used in producing cement-retained prosthetics
- Gold coloring for improved aesthetics
- 1.2mm Hex driver
- Recommended tightening torque : 30Ncm

	GH \ Ø	4.0mm	4.5mm	5.0mm	5.5mm	6.0mm	6.5mm
HEX 15°	1	AM2AAR **40115H**	AM2AAR **45115H**	AM2AAR **50115H**	AM2AAR **55115H**	AM2AAR **60115H**	AM2AAR **65115H**
	2	AM2AAR **40215H**	AM2AAR **45215H**	AM2AAR **50215H**	AM2AAR **55215H**	AM2AAR **60215H**	AM2AAR **65215H**
	3	AM2AAR **40315H**	AM2AAR **45315H**	AM2AAR **50315H**	AM2AAR **55315H**	AM2AAR **60315H**	AM2AAR **65315H**
	4	AM2AAR **40415H**	AM2AAR **45415H**	AM2AAR **50415H**	AM2AAR **55415H**	AM2AAR **60415H**	AM2AAR **65415H**
	5	AM2AAR **40515H**	AM2AAR **45515H**	AM2AAR **50515H**	AM2AAR **55515H**	AM2AAR **60515H**	AM2AAR **65515H**
	6	AM2AAR **40615H**	AM2AAR **45615H**	AM2AAR **50615H**	AM2AAR **55615H**	AM2AAR **60615H**	AM2AAR **65615H**
HEX 25°	1	AM2AAR **40125H**	AM2AAR **45125H**	AM2AAR **50125H**	AM2AAR **55125H**	AM2AAR **60125H**	AM2AAR **65125H**
	2	AM2AAR **40225H**	AM2AAR **45225H**	AM2AAR **50225H**	AM2AAR **55225H**	AM2AAR **60225H**	AM2AAR **65225H**
	3	AM2AAR **40325H**	AM2AAR **45325H**	AM2AAR **50325H**	AM2AAR **55325H**	AM2AAR **60325H**	AM2AAR **65325H**
	4	AM2AAR **40425H**	AM2AAR **45425H**	AM2AAR **50425H**	AM2AAR **55425H**	AM2AAR **60425H**	AM2AAR **65425H**
	5	AM2AAR **40525H**	AM2AAR **45525H**	AM2AAR **50525H**	AM2AAR **55525H**	AM2AAR **60525H**	AM2AAR **65525H**
	6	AM2AAR **40625H**	AM2AAR **45625H**	AM2AAR **50625H**	AM2AAR **55625H**	AM2AAR **60625H**	AM2AAR **65625H**

HEX-V TYPE

	GH \ Ø	4.0mm	4.5mm	5.0mm	5.5mm	6.0mm	6.5mm
HEX 15°	1	AM2AAR **40115V**	AM2AAR **45115V**	AM2AAR **50115V**	AM2AAR **55115V**	AM2AAR **60115V**	AM2AAR **65115V**
	2	AM2AAR **40215V**	AM2AAR **45215V**	AM2AAR **50215V**	AM2AAR **55215V**	AM2AAR **60215V**	AM2AAR **65215V**
	3	AM2AAR **40315V**	AM2AAR **45315V**	AM2AAR **50315V**	AM2AAR **55315V**	AM2AAR **60315V**	AM2AAR **65315V**
	4	AM2AAR **40415V**	AM2AAR **45415V**	AM2AAR **50415V**	AM2AAR **55415V**	AM2AAR **60415V**	AM2AAR **65415V**
	5	AM2AAR **40515V**	AM2AAR **45515V**	AM2AAR **50515V**	AM2AAR **55515V**	AM2AAR **60515V**	AM2AAR **65515V**
	6	AM2AAR **40615V**	AM2AAR **45615V**	AM2AAR **50615V**	AM2AAR **55615V**	AM2AAR **60615V**	AM2AAR **65615V**
HEX 25°	1	AM2AAR **40125V**	AM2AAR **45125V**	AM2AAR **50125V**	AM2AAR **55125V**	AM2AAR **60125V**	AM2AAR **65125V**
	2	AM2AAR **40225V**	AM2AAR **45225V**	AM2AAR **50225V**	AM2AAR **55225V**	AM2AAR **60225V**	AM2AAR **65225V**
	3	AM2AAR **40325V**	AM2AAR **45325V**	AM2AAR **50325V**	AM2AAR **55325V**	AM2AAR **60325V**	AM2AAR **65325V**
	4	AM2AAR **40425V**	AM2AAR **45425V**	AM2AAR **50425V**	AM2AAR **55425V**	AM2AAR **60425V**	AM2AAR **65425V**
	5	AM2AAR **40525V**	AM2AAR **45525V**	AM2AAR **50525V**	AM2AAR **55525V**	AM2AAR **60525V**	AM2AAR **65525V**
	6	AM2AAR **40625V**	AM2AAR **45625V**	AM2AAR **50625V**	AM2AAR **55625V**	AM2AAR **60625V**	AM2AAR **65625V**

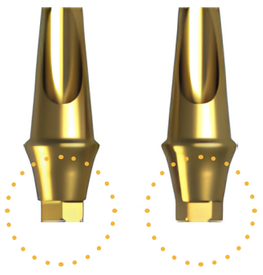
ANGLED ABUTMENT

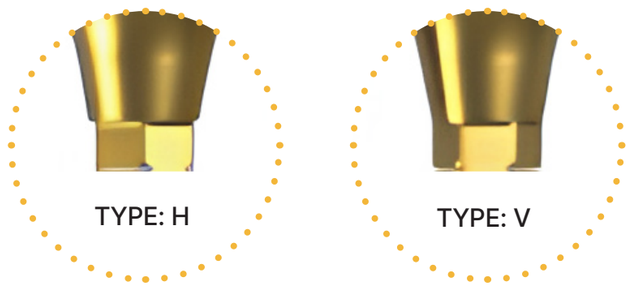


NON-HEX

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

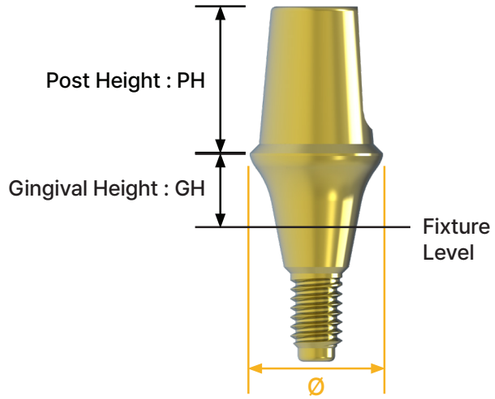
	GH \ Ø	4.0mm	4.5mm	5.0mm	5.5mm	6.0mm	6.5mm
NON-HEX 15°	1	AM2AAR **40115N**	AM2AAR **45115N**	AM2AAR **50115N**	AM2AAR **55115N**	AM2AAR **60115N**	AM2AAR **65115N**
	2	AM2AAR **40215N**	AM2AAR **45215N**	AM2AAR **50215N**	AM2AAR **55215N**	AM2AAR **60215N**	AM2AAR **65215N**
	3	AM2AAR **40315N**	AM2AAR **45315N**	AM2AAR **50315N**	AM2AAR **55315N**	AM2AAR **60315N**	AM2AAR **65315N**
	4	AM2AAR **40415N**	AM2AAR **45415N**	AM2AAR **50415N**	AM2AAR **55415N**	AM2AAR **60415N**	AM2AAR **65415N**
	5	AM2AAR **40515N**	AM2AAR **45515N**	AM2AAR **50515N**	AM2AAR **55515N**	AM2AAR **60515N**	AM2AAR **65515N**
	6	AM2AAR **40615N**	AM2AAR **45615N**	AM2AAR **50615N**	AM2AAR **55615N**	AM2AAR **60615N**	AM2AAR **65615N**
NON-HEX 25°	1	AM2AAR **40125N**	AM2AAR **45125N**	AM2AAR **50125N**	AM2AAR **55125N**	AM2AAR **60125N**	AM2AAR **65125N**
	2	AM2AAR **40225N**	AM2AAR **45225N**	AM2AAR **50225N**	AM2AAR **55225N**	AM2AAR **60225N**	AM2AAR **65225N**
	3	AM2AAR **40325N**	AM2AAR **45325N**	AM2AAR **50325N**	AM2AAR **55325N**	AM2AAR **60325N**	AM2AAR **65325N**
	4	AM2AAR **40425N**	AM2AAR **45425N**	AM2AAR **50425N**	AM2AAR **55425N**	AM2AAR **60425N**	AM2AAR **65425N**
	5	AM2AAR **40525N**	AM2AAR **45525N**	AM2AAR **50525N**	AM2AAR **55525N**	AM2AAR **60525N**	AM2AAR **65525N**
	6	AM2AAR **40625N**	AM2AAR **45625N**	AM2AAR **50625N**	AM2AAR **55625N**	AM2AAR **60625N**	AM2AAR **65625N**





- 12 Orientation choices with two types of hexes, H and V

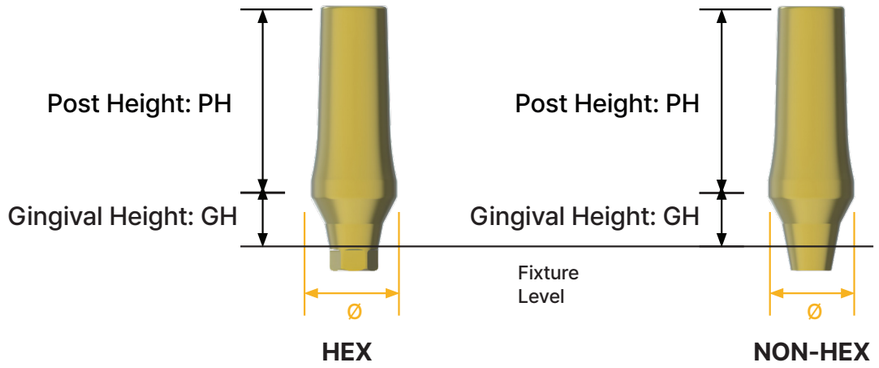
SOLID ABUTMENT



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

	GH \ Ø	4.0mm	4.5mm	5.0mm	5.5mm	6.0mm	6.5mm
PH 4	1	AM2SAR **401040**	AM2SAR **451040**	AM2SAR **501040**	AM2SAR **551040**	AM2SAR **601040**	AM2SAR **651040**
	2	AM2SAR **402040**	AM2SAR **452040**	AM2SAR **502040**	AM2SAR **552040**	AM2SAR **602040**	AM2SAR **652040**
	3	AM2SAR **403040**	AM2SAR **453040**	AM2SAR **503040**	AM2SAR **553040**	AM2SAR **603040**	AM2SAR **653040**
	4	AM2SAR **404040**	AM2SAR **454040**	AM2SAR **504040**	AM2SAR **554040**	AM2SAR **604040**	AM2SAR **654040**
	5	AM2SAR **405040**	AM2SAR **455040**	AM2SAR **505040**	AM2SAR **555040**	AM2SAR **605040**	AM2SAR **655040**
	6	AM2SAR **406040**	AM2SAR **456040**	AM2SAR **506040**	AM2SAR **556040**	AM2SAR **606040**	AM2SAR **656040**
PH 5.5	1	AM2SAR **401055**	AM2SAR **451055**	AM2SAR **501055**	AM2SAR **551055**	AM2SAR **601055**	AM2SAR **651055**
	2	AM2SAR **402055**	AM2SAR **452055**	AM2SAR **502055**	AM2SAR **552055**	AM2SAR **602055**	AM2SAR **652055**
	3	AM2SAR **403055**	AM2SAR **453055**	AM2SAR **503055**	AM2SAR **553055**	AM2SAR **603055**	AM2SAR **653055**
	4	AM2SAR **404055**	AM2SAR **454055**	AM2SAR **504055**	AM2SAR **554055**	AM2SAR **604055**	AM2SAR **654055**
	5	AM2SAR **405055**	AM2SAR **455055**	AM2SAR **505055**	AM2SAR **555055**	AM2SAR **605055**	AM2SAR **655055**
	6	AM2SAR **406055**	AM2SAR **456055**	AM2SAR **506055**	AM2SAR **556055**	AM2SAR **606055**	AM2SAR **656055**
PH 7	1	AM2SAR **401070**	AM2SAR **451070**	AM2SAR **501070**	AM2SAR **551070**	AM2SAR **601070**	AM2SAR **651070**
	2	AM2SAR **402070**	AM2SAR **452070**	AM2SAR **502070**	AM2SAR **552070**	AM2SAR **602070**	AM2SAR **652070**
	3	AM2SAR **403070**	AM2SAR **453070**	AM2SAR **503070**	AM2SAR **553070**	AM2SAR **603070**	AM2SAR **653070**
	4	AM2SAR **404070**	AM2SAR **454070**	AM2SAR **504070**	AM2SAR **554070**	AM2SAR **604070**	AM2SAR **654070**
	5	AM2SAR **405070**	AM2SAR **455070**	AM2SAR **505070**	AM2SAR **555070**	AM2SAR **605070**	AM2SAR **655070**
	6	AM2SAR **406070**	AM2SAR **456070**	AM2SAR **506070**	AM2SAR **556070**	AM2SAR **606070**	AM2SAR **656070**

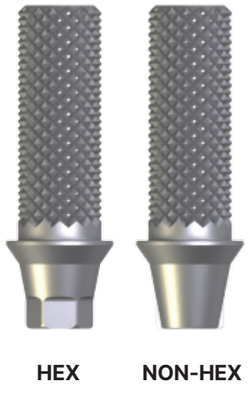
MILLING ABUTMENT



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

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

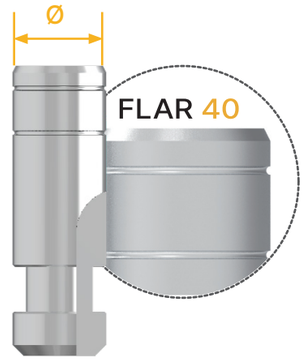
TEMPORARY ABUTMENT



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

TYPE \ Ø	4.5mm
HEX	AM2TAR **45H**
NON- HEX	AM2TAR **45N**

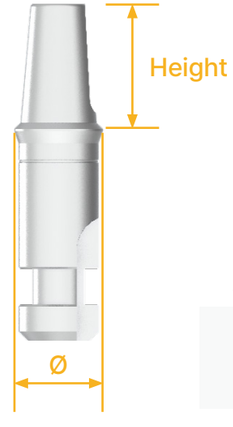
FIXTURE LAB ANALOG



- Achieves fixture in oral cavity on a working model

4.2mm
FLAR **40**

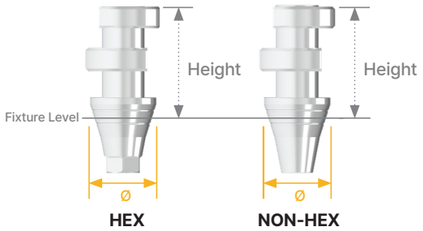
ABUTMENT LAB ANALOG



- Achieves solid abutment on a working model

H \ Ø	4.0mm	4.5mm	5.0mm	6.0mm
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**

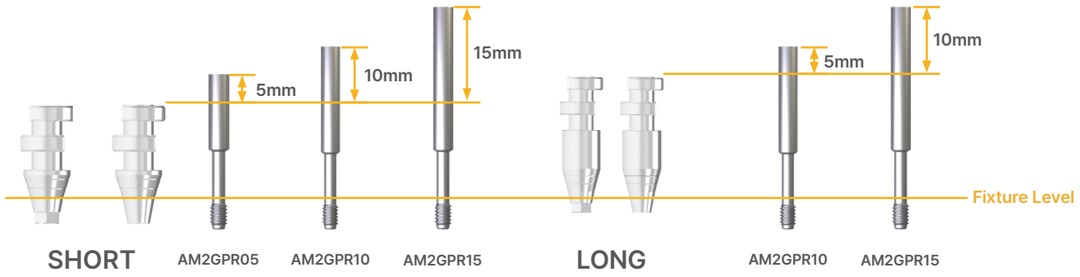
PICK-UP IMPRESSION COPING



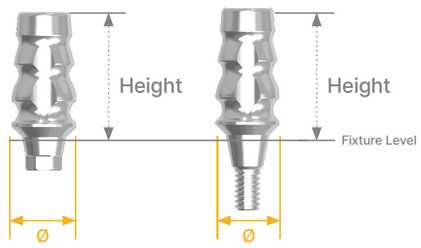
- Takes impression using open tray technique
- Superior impression stability with an extended flat & groove
- 1.2mm Hex driver

	Type \ Ø	4.0mm	4.5mm	5.0mm	5.5mm	6.0mm	6.5mm
HEX	Short	AM2PIR **40SH**	AM2PIR **45SH**	AM2PIR **50SH**	AM2PIR **55SH**	AM2PIR **60SH**	AM2PIR **65SH**
	Long	AM2PIR **40LH**	AM2PIR **45LH**	AM2PIR **50LH**	AM2PIR **55LH**	AM2PIR **60LH**	AM2PIR **65LH**
NON HEX	Short	AM2PIR **40SN**	AM2PIR **45SN**	AM2PIR **50SN**	AM2PIR **55SN**	AM2PIR **60SN**	AM2PIR **65SN**
	Long	AM2PIR **40LN**	AM2PIR **45LN**	AM2PIR **50LN**	AM2PIR **55LN**	AM2PIR **60LN**	AM2PIR **65LN**

Impression Coping Guide



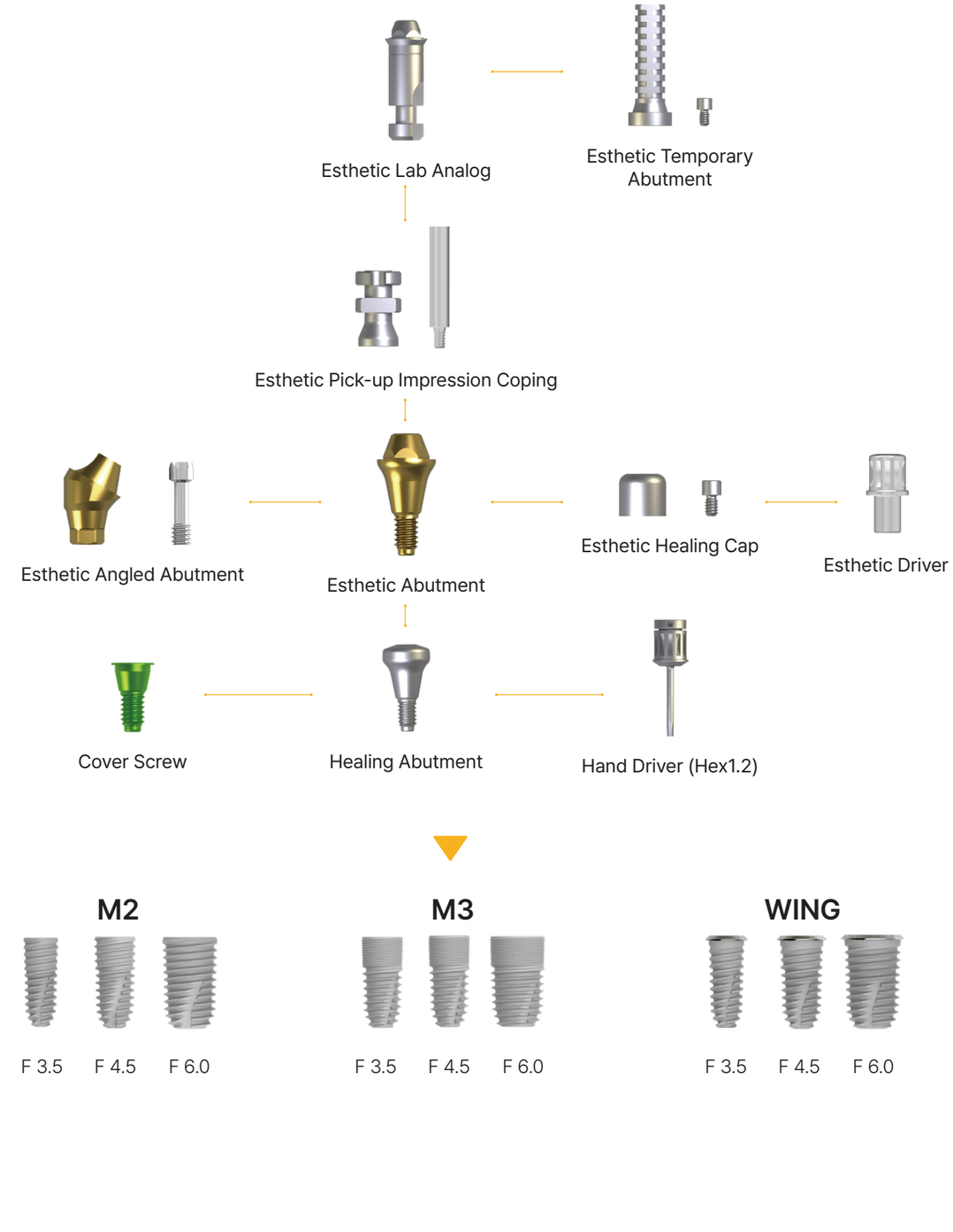
TRANSFER IMPRESSION COPING



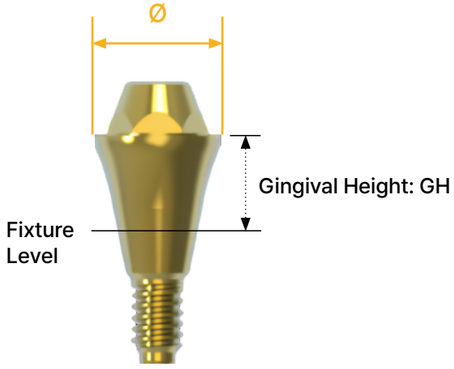
- Achieves solid abutment on a working model

	Type \ Ø	4.0mm	4.5mm	5.0mm	5.5mm	6.0mm	6.5mm
HEX	Short	AM2TIR **40SH**	AM2TIR **45SH**	AM2TIR **50SH**	AM2TIR **55SH**	AM2TIR **60SH**	AM2TIR **65SH**
	Long	AM2TIR **40LH**	AM2TIR **45LH**	AM2TIR **50LH**	AM2TIR **55LH**	AM2TIR **60LH**	AM2TIR **65LH**
NON HEX	Short	AM2TIR **40SN**	AM2TIR **45SN**	AM2TIR **50SN**	AM2TIR **55SN**	AM2TIR **60SN**	AM2TIR **65SN**
	Long	AM2TIR **40LN**	AM2TIR **45LN**	AM2TIR **50LN**	AM2TIR **55LN**	AM2TIR **60LN**	AM2TIR **65LN**

PROSTHETICS FLOW DIAGRAMS



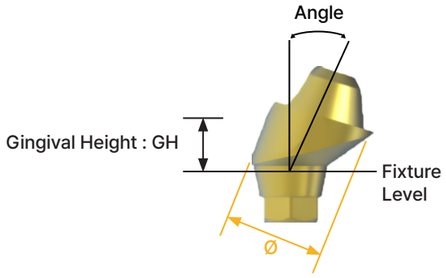
ESTHETIC SOLID ABUTMENT



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

GH \ Ø	4.8mm
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

	GH \ Ø	4.8mm
17°	2	AM2EAR **2017**
	3	AM2EAR **3017**
	4	AM2EAR **4017**
30°	3	AM2EAR **3030**
	4	AM2EAR **4030**

ESTHETIC HEALING CAP

4.8Ø
AM2EHC

- 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

TYPE \ Ø	4.8mm
HEX	AM2EPI
NON- HEX	AM2EPIN

ESTHETIC TEMPORARY ABUTMENT

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

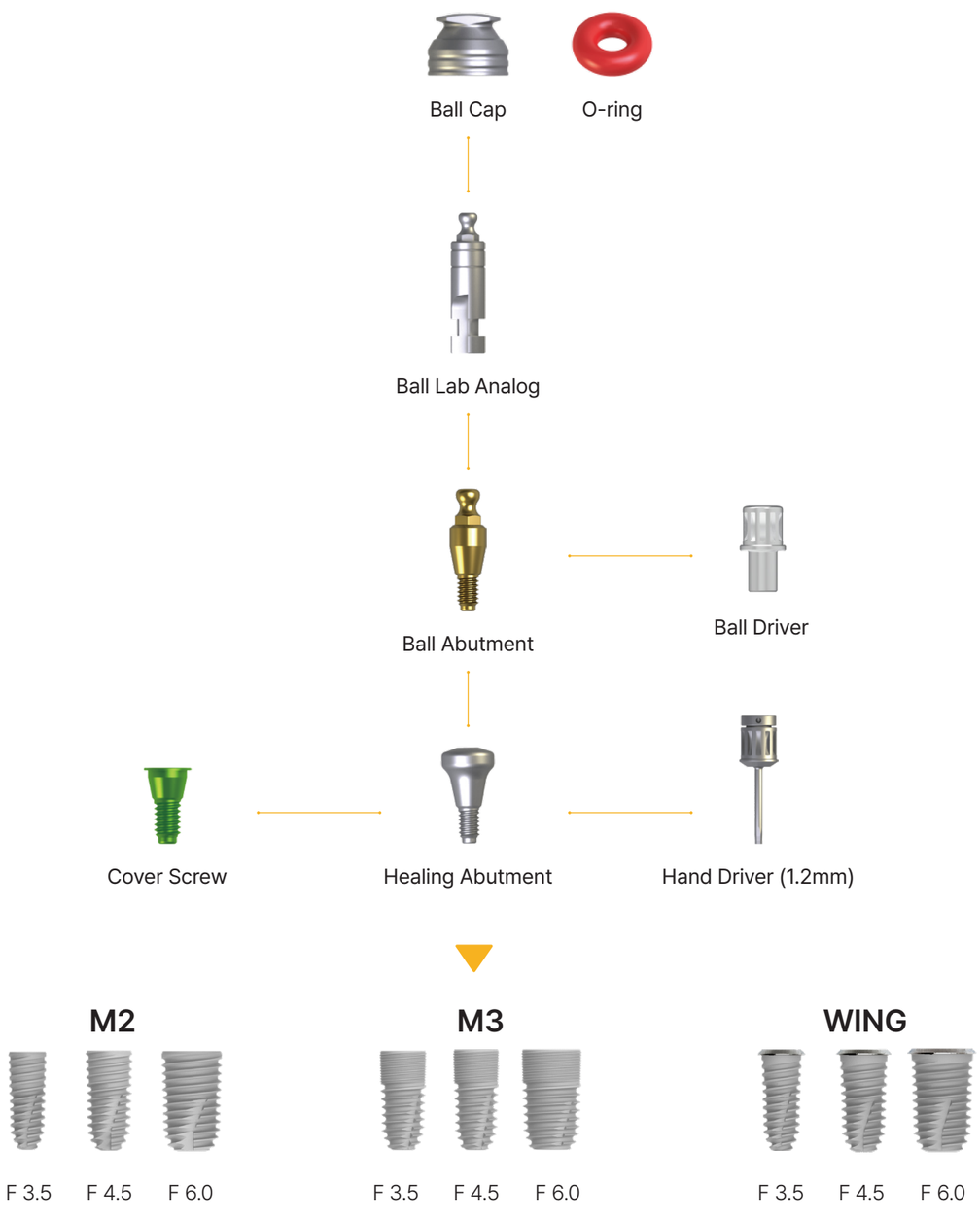
4.8Ø
AM2ETC

ESTHETIC LAB ANALOG

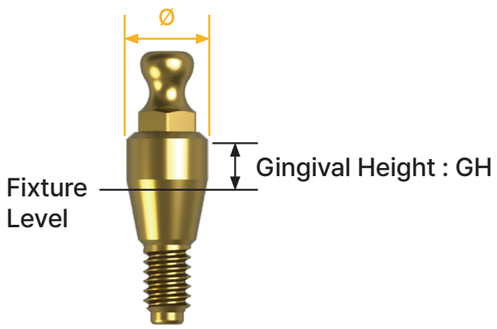
- Achieves Esthetic Solid Abutment of the oral cavity on a working model

4.8Ø
ELA48

OVERDENTURE RETAINED RESTORATION



BALL ABUTMENT



GH \ Ø	4.8mm
0	AM2BAR **00**
1	AM2BAR **10**
2	AM2BAR **20**
3	AM2BAR **30**
4	AM2BAR **40**
5	AM2BAR **50**
6	AM2BAR **60**

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

BALL CAP SET

- **Used in creating stud type overdenture prosthetics**

4.8Ø

AM2BC

BALL LAB ANALOG

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

3.5Ø

BLA35

Beyond precision, the implant ZEROS that becomes one with you.

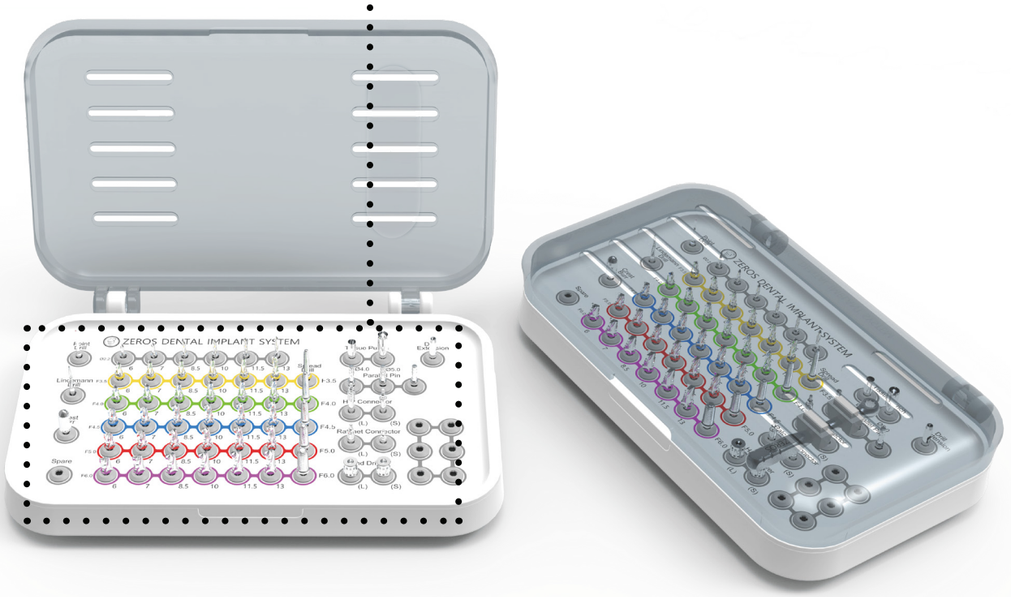
SURGICAL INSTRUMENT

CE 0197

REFERENCE CODE

SURGICAL KIT	01 PARALLEL PIN 35P	02 DRILL EXTENSION 35P	03 POINT DRILL 35P	04 HANDPIECE CONNECTOR 36P
05 RATCHET CONNECTOR 36P	06 HAND DRIVER 36P	07 TISSUE PUNCH 37P	08 LINDEMANN DRILL 37P	09 CREST BURR 37P
10 TORQUE WRENCH 37P	11 STEP DRILL 38P	12 SPREAD DRILL 39P	13 HARDBONE DRILL 40P	14 STOPPER DRILL 41P

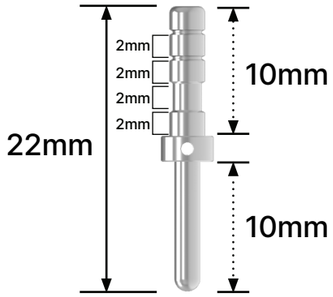
SURGICAL KIT



SURGICAL KIT

Parallel pin

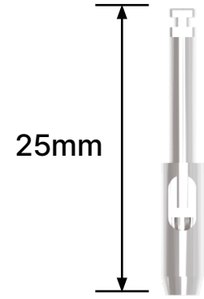
TPP



- Used to check the location and orientation of the Bone preference
- Bottom part for the Lindemann drill, and for the top part for Ø2.2 drill.

Drill Extension

TDE



- Direct connecting to fixture is possible using a handpiece.
- Be sure to tighten and use accurately. (There is a risk of damage during incomplete tightening).
- Difficult to remove debris in case of fracture.

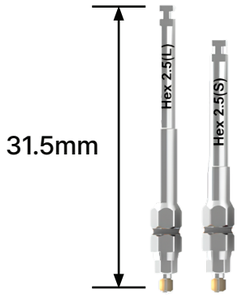
Point Drill

TPD16

- Forms holes in the bone to facilitate initial drilling.
- Bone destiny can be determined through drilling.
- Recommended speed : 800 to 1200 rpm

H.P Connector

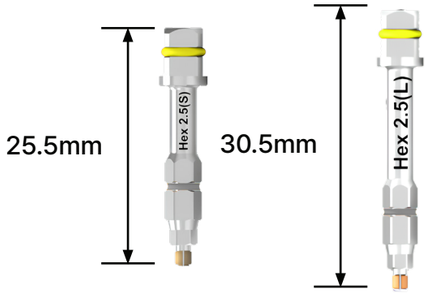
THC25L / THC25S



- Direct connecting to fixture is possible using a handpiece.
- Be sure to tighten and use accurately. (There is a risk of damage during incomplete tightening).
- Difficult to remove debris in case of fracture.

Ratchet Connector

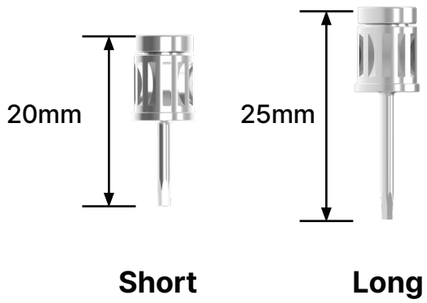
TRC25S / TRC25L



- Direct connecting to fixture is possible using a handpiece.
- Be sure to tighten and use accurately. (There is a risk of damage during incomplete tightening).
- Difficult to remove debris in case of fracture.

Hand Driver

THD12S / THD12L



- Manual Driver
- Hex 1.2mm

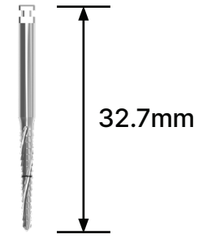
Tissue Punch

TTP 40 / TTP 50

- Instruments used during flapless surgery.
- It is connected to the handpiece and is used to cut the gums into a circle.

Lindemann Drill

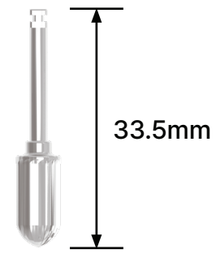
TLD



- Enables the bodily change of drilling direction
- It is also used to modify Path. (Recommended speed : 800 to 1200 rpm)

Crest Burr

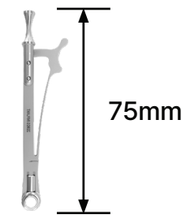
TCB



- Delete the narrowed bone width horizontally. (Recommended speed : 800 to 1200 rpm)

Torque Wrench

TRW

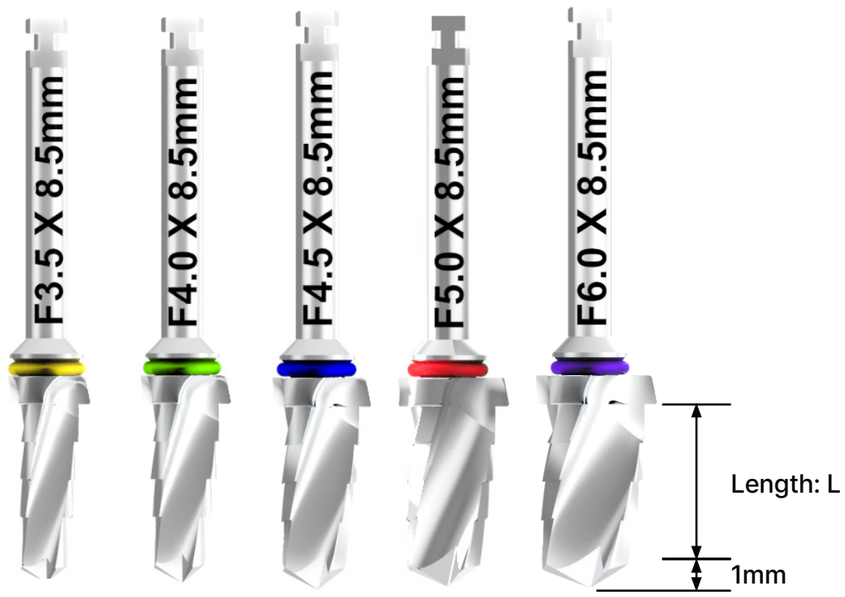


- Wrench for reverse rotation prevention surgery.
- If excessive torque is applied there is a risk of damage to the inside of the bone or fixture.

STEP DRILL

- Dedicated drill for each fixture length and diameter
- Stopper drill with 1mm margin
- Shank O-ring color shows the fixture diameter

  F3.5: Yellow, F4.0: Green, F4.5: Blue, F5.0: Red, F6.0: Purple
- Recommended speed : 800 to 1200 rpm
- F = Fixture (nominal diameter size)

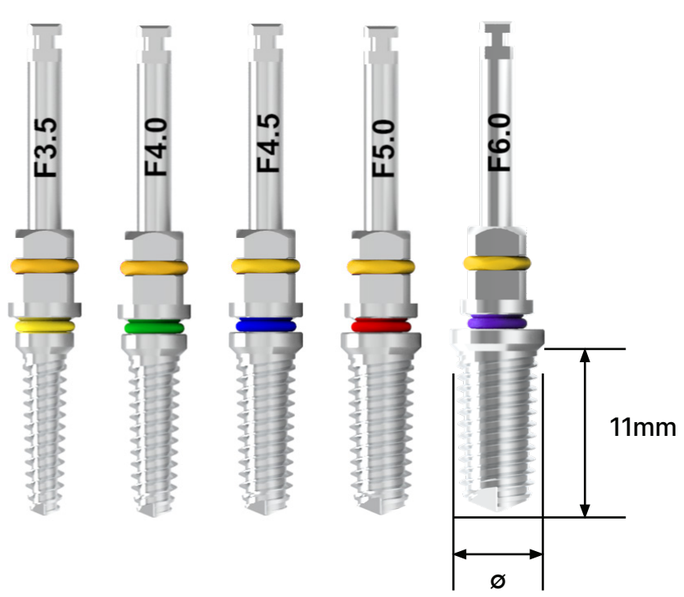


L	F3.5	F4.0	F4.5	F5.0	F6.0
6	TSD3506	TSD4006	TSD4506	TSD5006	TSD6006
7	TSD3507	TSD4007	TSD4507	TSD5007	TSD6007
8	TSD3508	TSD4008	TSD4508	TSD5008	TSD6008
9	TSD3509	TSD4009	TSD4509	TSD5009	TSD6009
10	TSD3510	TSD4010	TSD4510	TSD5010	TSD6010
11	TSD3511	TSD4011	TSD4511	TSD5011	TSD6011
12	TSD3512	TSD4012	TSD4512	TSD5012	TSD6012
13	TSD3513	TSD4013	TSD4513	TSD5013	TSD6013
15	TSD3515	TSD4015	TSD4515	TSD5015	TSD6015

SPREAD DRILL

- Be used to increase density when there is poor bone quality in maxillary
- Shank O-ring color shows the fixture diameter

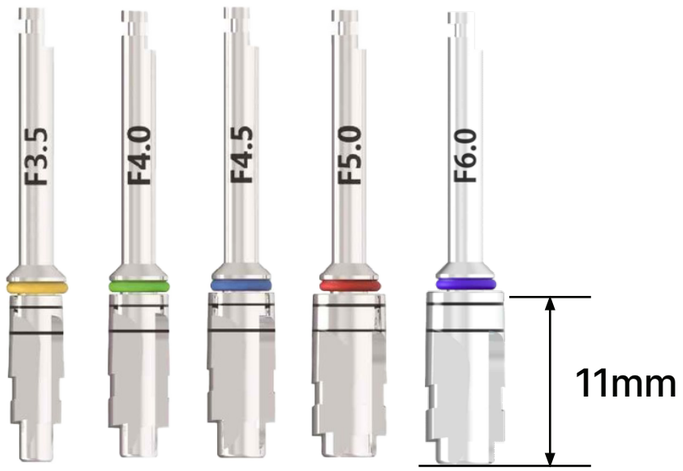
  F3.5: Yellow, F4.0: Green, F4.5: Blue, F5.0: Red, F6.0: Purple
- Recommended speed : 800 to 1200 rpm



Reference Code	Diameter (mm)
TSPD35	3.0
TSPD40	3.5
TSPD45	4.0
TSPD50	4.5
TSPD60	5.5

HARDBONE DRILL

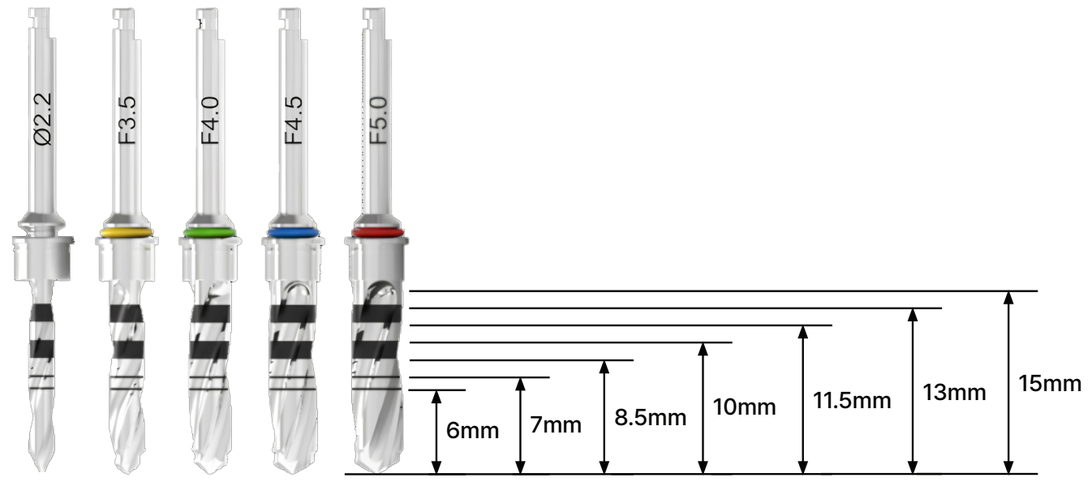
- Drills used to delete cortical bones from hardbone
- Dedicated drill by fixture diameter
- Drill marking line
  - Bottom line: 8.5mm or less,
  - Top line: Standard for fixture assembly of 10mm or more
- Recommended speed : 800 to 1200 rpm
- F = Fixture (nominal diameter size)



REFERENCE CODE				
F3.5	F4.0	F4.5	F5.0	F6.0
THD35	THD40	THD45	THD50	THD60

STOPPER DRILL

- Straight type drill to shorten the number of drilling marking drill
- Shank O-ring color shows the fixture diameter
  F3.5: Yellow, F4.0: Green, F4.5: Blue, F5.0: Red
- Stopper tightens to facilitate desired depth control
- It may be difficult to control the length of the Drilling, so make sure to tighten the stopper before using it
- Recommended speed : 800 to 1200 rpm
  F = Fixture (nominal diameter size)



REFERENCE CODE				
Φ 2.2	Φ 3.5	Φ 4.0	Φ 4.5	Φ 5.0
TSTD2215	TSTD3515	TSTD4015	TSTD4515	TSTD5015

Beyond precision, the implant ZEROS that becomes one with you.

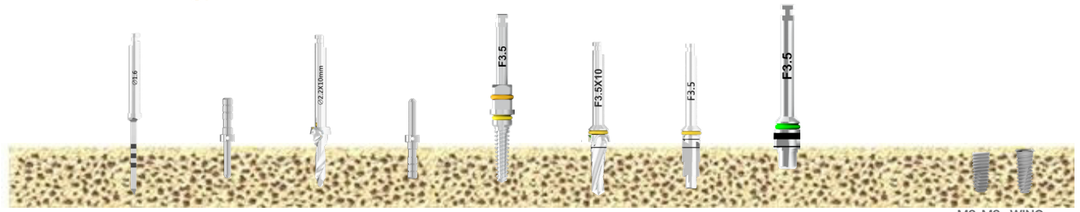
DRILLING SEQUENCE

DRILLING SEQUENCE

Use for Step drill (Length: 10mm)

• M2 / M3 // WING (For Full Kit User)

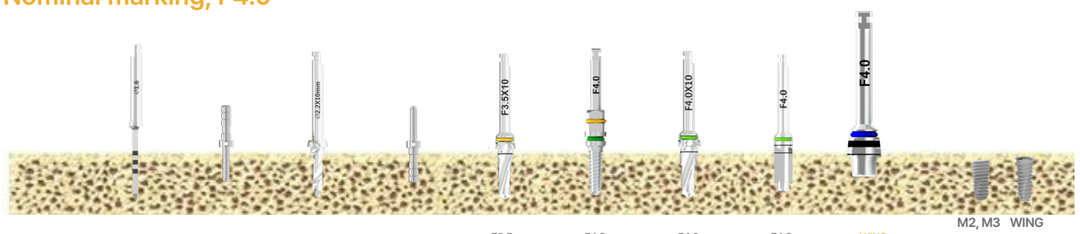
Nominal marking, F3.5



Bone Quality	Point Drill	Parallel pin	ø2.2 Drill	Parallel pin	F3.5 Spread Drill	F3.5 Step Drill	F3.5 Hardbone Dril	WING Guide Drill	ø3.8 Fixture
Soft	▶	▶	▶	▶	▶			▶	
Normal	▶	▶	▶	▶		▶		▶	
Hard	▶	▶	▶	▶		▶	▶	▶	

■ **Wing Guide Drill** is applied when using WING Fixture

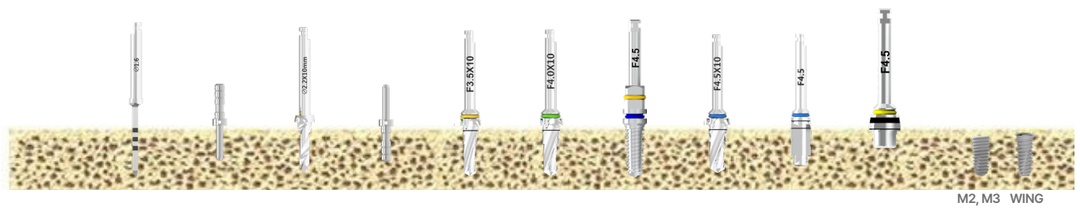
Nominal marking, F4.0



Bone Quality	Point Drill	Parallel pin	ø2.2 Drill	Parallel pin	F3.5 Step Drill	F4.0 Spread Drill	F4.0 Step Drill	F4.0 Hardbone Dril	WING Guide Drill	ø4.2 Fixture
Soft	▶	▶	▶	▶	▶	▶			▶	
Normal	▶	▶	▶	▶	▶		▶		▶	
Hard	▶	▶	▶	▶	▶		▶	▶	▶	

■ **Wing Guide Drill** is applied when using WING Fixture

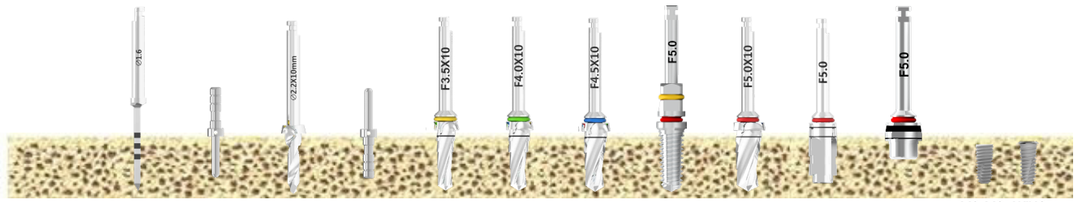
Nominal marking, F4.5



Bone Quality	Point Drill	Parallel pin	ø2.2 Drill	Parallel pin	F3.5 Step Drill	F4.0 Step Drill	F4.5 Spread Drill	F4.5 Step Drill	F4.5 Hardbone Dril	WING Guide Drill	ø4.6 Fixture
Soft	▶	▶	▶	▶	▶	▶				▶	
Normal	▶	▶	▶	▶	▶		▶			▶	
Hard	▶	▶	▶	▶	▶		▶	▶	▶	▶	

■ **Wing Guide Drill** is applied when using WING Fixture

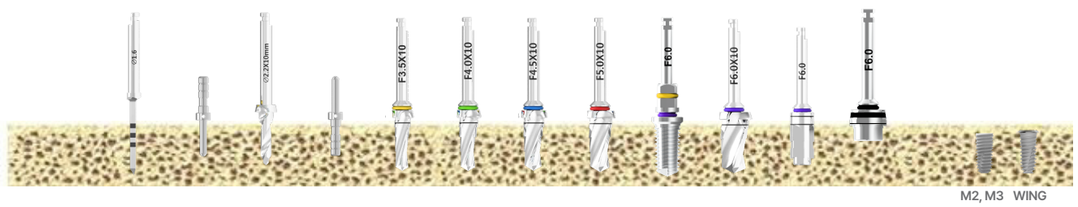
Nominal marking, F5.0



Bone Quality	Point Drill	Parallel pin	ø2.2 Drill	Parallel pin	F3.5 Step Drill	F4.0 Step Drill	F4.5 Spread Drill	F4.5 Step Drill	F4.5 Hardbone Dril	F4.5 Hardbone Dril	WING Guide Drill	ø5.1 Fixture
Soft	▶	▶	▶	▶	▶	▶	▶	▶			▶	
Normal	▶	▶	▶	▶	▶	▶	▶		▶		▶	
Hard	▶	▶	▶	▶	▶	▶	▶		▶	▶	▶	

■ **Wing Guide Drill** is applied when using WING Fixture

Nominal marking, F6.0



Bone Quality	Point Drill	Parallel pin	ø2.2 Drill	Parallel pin	F3.5 Step Drill	F4.0 Step Drill	F4.5 Step Drill	F5.0 Step Drill	F6.0 Spread Drill	F6.0 Step Drill	F6.0 Hardbone Dril	WING Guide Drill	ø5.1 Fixture
Soft	▶	▶	▶	▶	▶	▶	▶	▶	▶			▶	
Normal	▶	▶	▶	▶	▶	▶	▶	▶		▶		▶	
Hard	▶	▶	▶	▶	▶	▶	▶	▶		▶	▶	▶	

■ **Wing Guide Drill** is applied when using WING Fixture

SYMBOL DESCRIPTION

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Tel : +82.55.905.0094 / Fax : +82.55.905.0095

Manufacturer

CE 0197
CE Marking

Use-by date

NON STERILE
Non-Sterile

MD
Medical Device

Consult instructions for use

Date of manufacture

Caution

LOT
Lot code

Keep away from sunlight

REF
Reference Code

2 STERILIZE
Do not resterilize

UDI
Unique Device Identifier

Keep dry

Do not re-use

EC REP
European Authorized Representative

30°C
1°C
Temperature Limit (1°C~30°C)

Do not use if package is damaged

STERILE R
Sterilized using irradiation

MEMO

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