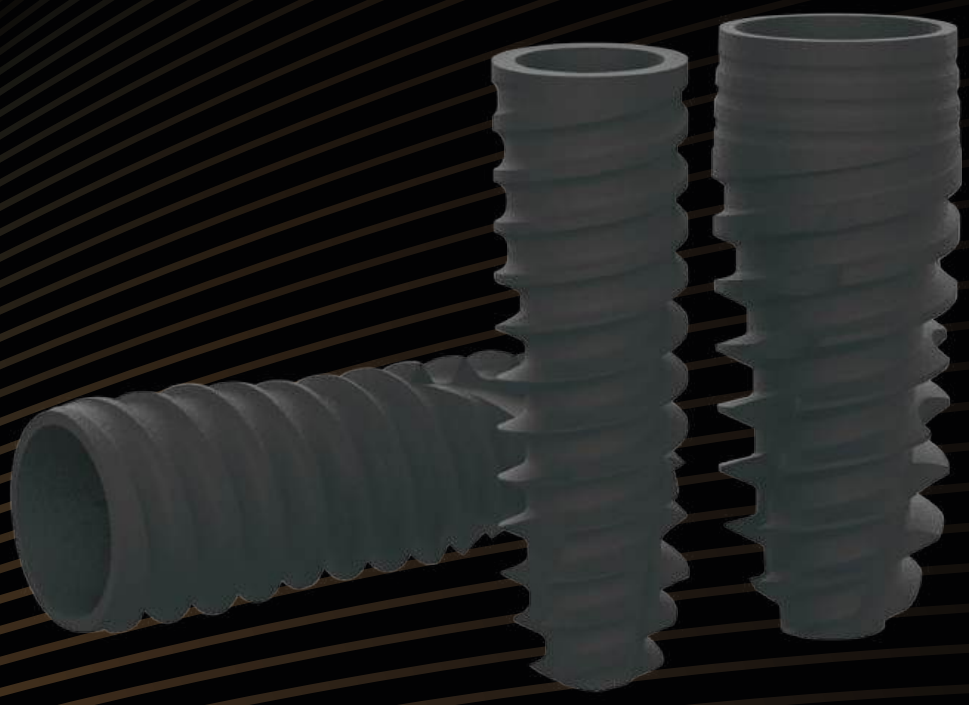
ONEDAYBIOTECH IMPLANT

ONEDAY BIOTECH IMPLANT SYSTEM

High Quality,
Easy & Fast
Smart Implant



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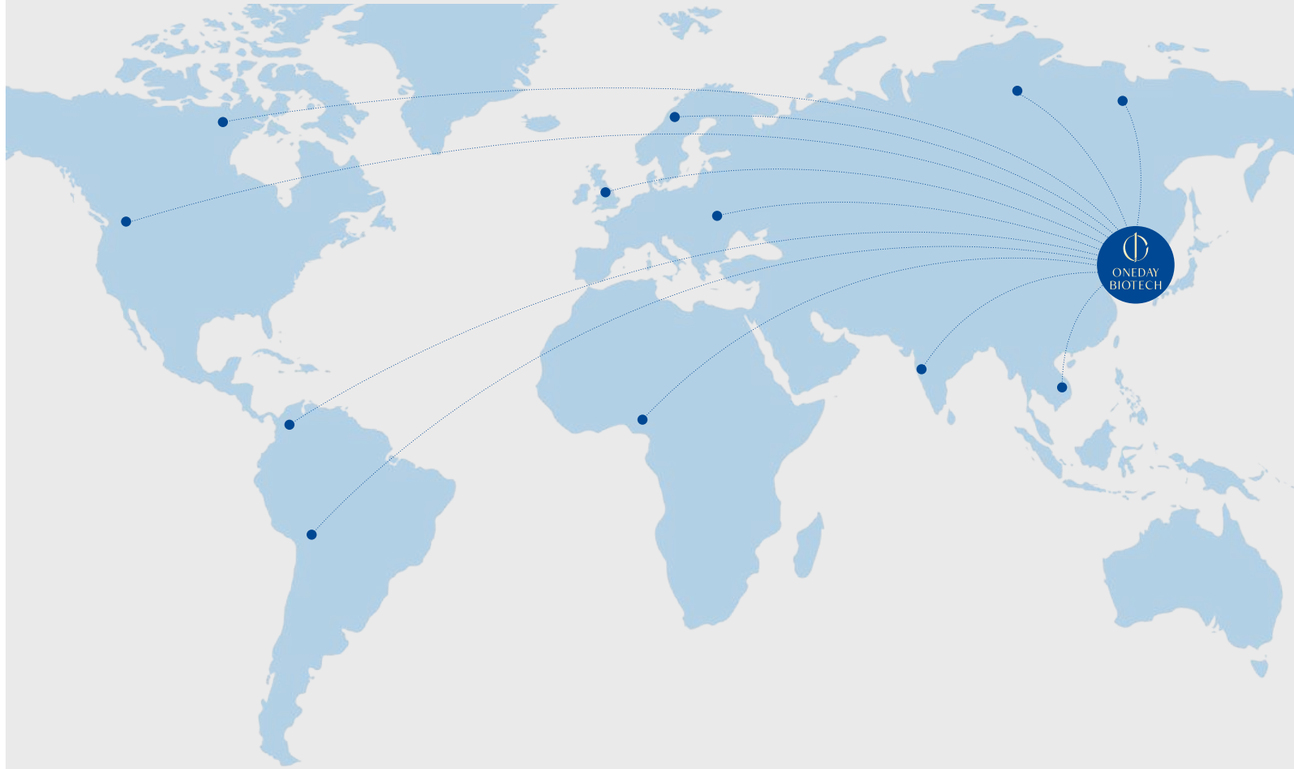
2025 Product Catalog Rev. 06



Since 2016,
Exports to 30countries worldwide

ONEDAYBIOTECH IMPLANT

Mission & Vision

Onedaybiotech seeks to contribute to human health by distributing easy-to-use implants around the world at an affordable cost and enabling many people to use our implants.

Oneday biotech's speedy and easy surgery techniques allow predictable and rapid healing of surgical sites.
This in turn brings satisfaction to both patients and dentists.
We are constantly developing dental implant products that will have proven clinical success and efficacy.

Our efforts to improve the manufacturing and distribution process of dental implants will also greatly enhance our efforts to make dental implants more readily available to a wider patient base throughout the world.

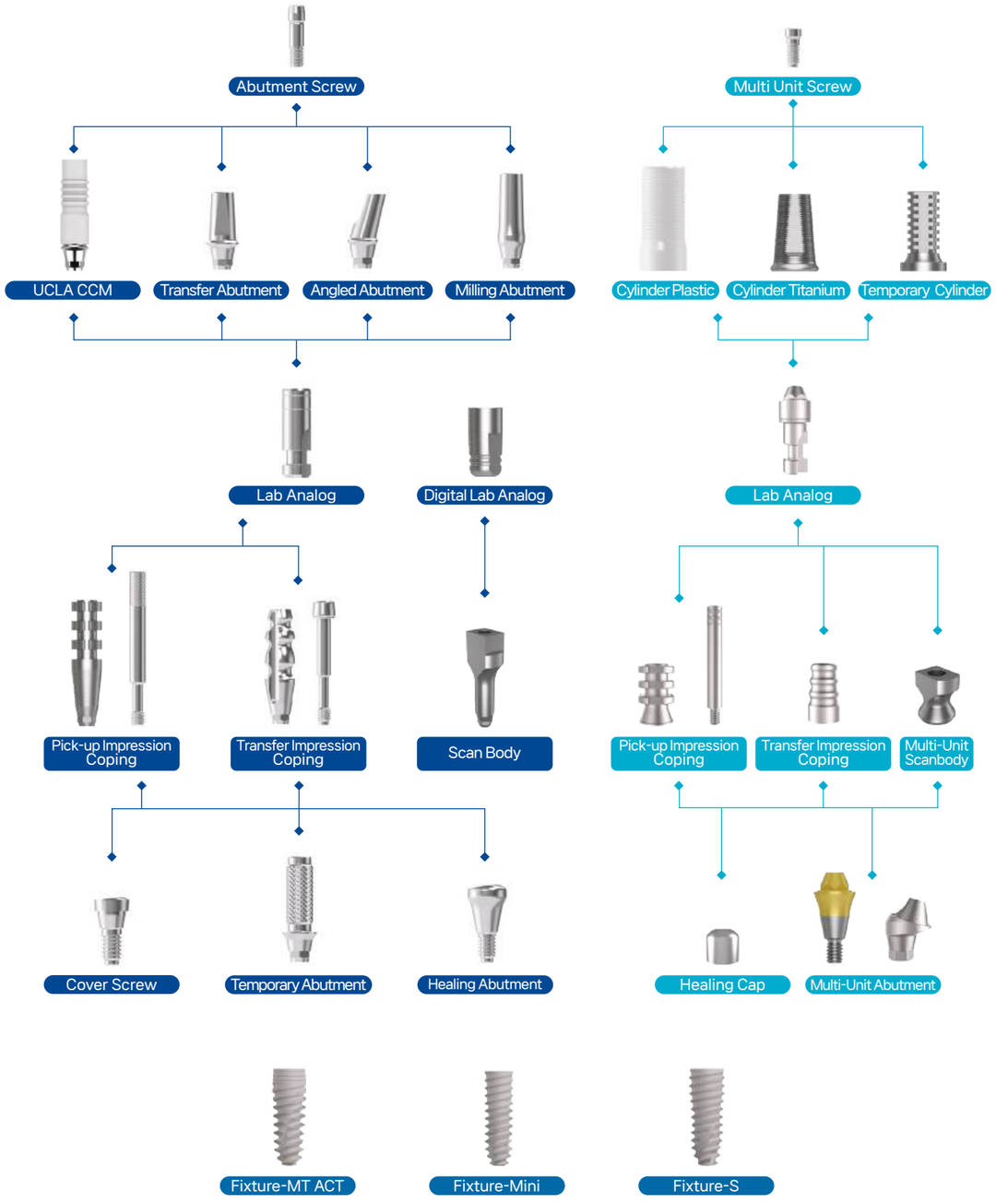
Oneday biotech's commitment is to achieve company growth based on our clients' clinical success and to that end, we will constantly strive to meet the needs of our clients.

History

2024	02	Participated in AEEDC, Dubai
	03	Attending EXPO DENTAL 2024 Madrid, Spain
	05	Participating in IDEX Istanbul, Turkey
	06	Exhibiting at SIDEX, Seoul
	09	Attending Dental Expo Russia
	10	Participating in CADEX, Kazakhstan
		Certified by NNPA in China
	12	Attending New York Dental, USA
2023	02	Participated in AEEDC, Dubai
	03	Attended IDS, Germany
	05	Exhibited at SIDEX, Seoul
	06	Presented at SYFAC, France
	08	FDA approval for Mini Implant System in the U.S.
	09	Attended PCOI, Philippines
	10	Participated in CADEX, Kazakhstan
	11	Attended MEDICA, Germany, and New York Dental, USA
2022	12	A million-dollar export award
	06	Innoviz selection
	05	Re-designation of venture companies
	04	Establishment of an affiliated research institute
2021	05	Change name from IDO Implant to ONEDAYBIOTECH
	03	European CE Acquisition
2020	12	U.S. FDA approval
	12	Major Shareholder Change "One Day Holdings"
2019	11	IGC Quality Management System Certification
	07	Approval of Ukraine Permission
2018	04	Approved by the Food and Drug Administration
	02	A member of the Korea International Trade Association
	01	R&D Center Approval
	01	Imported Medical Device Registration Class 2
2017	11	Start selling dental implants
	09	GMP Import Authentication
	08	Import of Medical Device Registration Act (Export)
	06	Medical Device Registration Agency
	03	GMP Authentication
2016	05	Application for Medical Device Registration
	01	Establish IDO Biotech Co, Ltd.,



Implant Flow

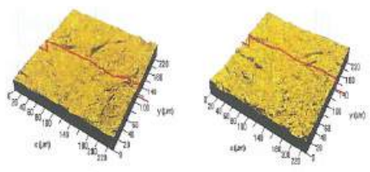


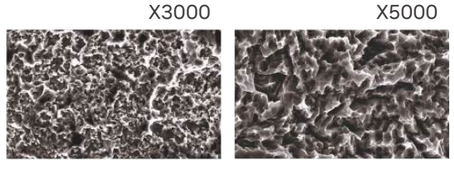
SLA Surface

S.L.A Surface

S.L.A. surface is excellent in morphology and its roughness [Ra-1.8um -2.5um] gives a great integration.
It has 50% more rough surface area and has a higher retention strength than RBM.
It improves the attachment and growth of bone cells which enhances the rate of osseointegration. Limited insertion torque: 40Ncm

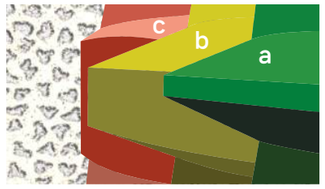
Limited insertion torque: 40Ncm





Safe surface with no residual acid
Safer than other implants(Proved by ICP/ IC Analysis)

Characteristics of MT Active Implant System



Variable thread design

Micro rings for prevention of alveolar crest cortical bone resorption
Double thread design enables bone condensing properties and highest primary stability.
Apical blades enables the changing of direction for optimal restorative position
Expanding tapered body acts like a threaded osteotome:
enables narrow ridge expansion and is designed to get high stability in
compromised different bone

a : Apical V Thread / b : Thinner square Thread / c : Thick squared Thread

Excellent soft tissue response

S-line helps for natural mergence profile

Platform switching

Help prevent crestal bone loss
Increase the volume of soft tissue
Improve the aesthetic end result

Reverse Taper

Allow for maximum cortical bone volume around implant for improved soft tissue support, Decrease Stress in cortical area to long-term bone loss

11° morse taper connection

Strong sealed Connection
fixture and abutment

Micro rings

Prevention of alveolar crest bone resorption

2.5 Hex connection

Dual Contact

Rounded Apex

Protection of the sinus floor, nerve canal and other important anatomical structure during surgery

Double thread

Primary stability increase bone to implant contact
Faster insertion while protecting bone structure
Enables bone condensing properties
and highest primary stability

Characteristics of S Implant System

Excellent soft tissue response

S-line helps for natural mergence profile

Platform switching

Help prevent crestal bone loss
Increase the volume of soft tissue
Improve the aesthetic end result

Bevelled shoulder

Repatition of the force in cortical bone
Facilitates bone growth above the shoulder

11° morse taper connection

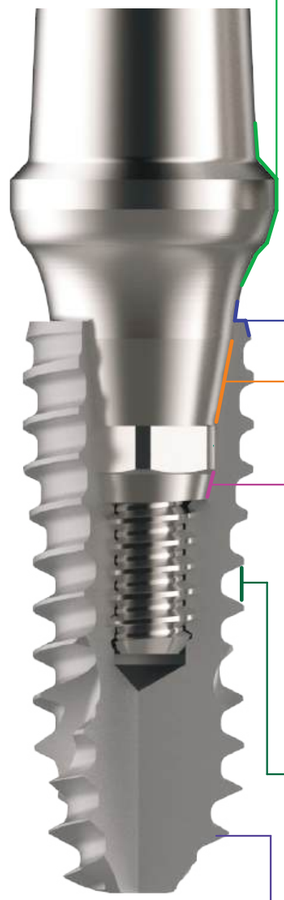
Strong sealed Connection
fixture and abutment

2.5 Hex connection

Dual Contact

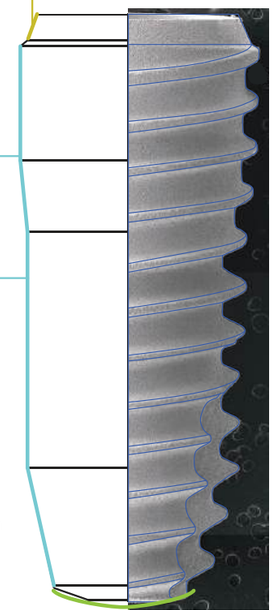
Ideal pitch and depths design

Upper 4mm designed with 0.25mm depth and 0.4mm rest provides the best primary stability even soft bone



Double thread

Primary stability Increase bone to implant contact
Faster insertion while protecting bone structure
Enables bone condensing properties
and highest primary stability



Rounded Apex

Protection of the sinus floor, nerve canal and other important anatomical structure during surgery

Reference Data

Scientific Research Publishing

Open journal of Stomatology, 2020, 10, 121-139
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ISSN Online: 2160-8717
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I Do Biotech Dental Implants: Prospective Multicentric Study after 5 Years of Functional Loading

Abstract

Introduction: I Do Biotech's implants were developed starting in 2014. Since then, they obtained GMP and KFDA licenses for distribution in 2015. The main objective of this paper is to determine the survival rate of I Do Biotech implants five years after the first surgery. Material and Methods: 1000 implants were used on 480 prostheses across 10 clinics on 320 healthy, non-smoker and non-diabetic patients, chosen at random, of which 160 are male and 160 female, all in the age range of 30 to 50 years old. The failure rate was studied related to the patient's gender, the length and diameter of the implant, anatomical location, the percentage of peri-implantitis, prosthodontic failures and the patient's quality of life. Discussion: The results obtained are similar to those of Van Steenberghe D. Dieter-Busenlechner, E. Serrano Catauria and far superior to those of Sáenz Guzmán. Failure rates vary greatly from study to study due to the heterogeneity of the samples in the other research papers. Conclusion: The overall implant failure rate at 5 years is 1.7%. The factors affecting significantly the survival rate are: the implant diameter, its length and the anatomic area. Failure ratios increase significantly when the diameter or the length of the implant decreases, and when they are placed in the posterior maxilla (up to 4.3%). The rate of peri-implantitis is 5.1%. The prosthodontic failure rate is 2.91%. The improvement in quality of life and satisfaction increases with the years.

5. Conclusions

The failure rate of the I Do Biotech implant after 5 years was 1.7%. It increases up to 4.3% when the length of the implant or its diameter decreases, and when it is placed in posterior areas.
The failure rate of the prosthesis after 5 years was 2.91%.
The rate of peri-implantitis after 5 years was 5.1%.
No significant differences were found between both genders, so it can be said that gender does not influence failure rates.
With a statistically significant difference, the highest failure rates were seen with short implants, smaller diameter, and located in the posterior areas of the maxilla.
The quality of hygiene decreases over the years and the rate of peri-implantitis increases.
The roughness of the I Do Biotech implant is ideal for increasing the rate of osseointegration without increasing the rate of peri-implantitis.
The conical form of the I Do Biotech implant connection guarantees the stability of the prosthesis.
The perception of improved quality of life and patient satisfaction grows over the years.
As this was a prospective study with highly selected patients and dentists, it is not possible to transfer this data to the general population, as it is limited to the I Do Biotech implant used in optimal conditions.

Keywords

Dental Implants, Titanium, Morse Taper, SLA Surface, Multicentric Study, Peri-Implantitis, Prosthodontic Failures, Study after 5 Years of Loading, Quality of Life

Quality & Certifications

1 Optimized design for a wide range of clinical cases

Design and development reflecting the know-how of clinical experts enables the selection of the design suitable for the patient's various clinical cases and enables the technician to perform the correct procedure and heal quickly

2 Excellent durability and quality without worrying about breakage

It can be used semi-permanently with the finest titanium material and strict quality control of the American company Carpenter

3 Applying differentiated SLA surface treatment

Rapid osteointegration and biocompatibility with human bones are showed in SLA special treatments on implant surfaces.

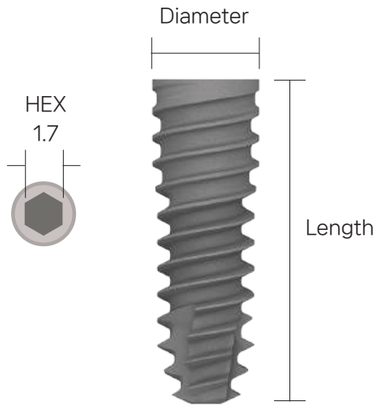
4 11° Morse Taper Connection

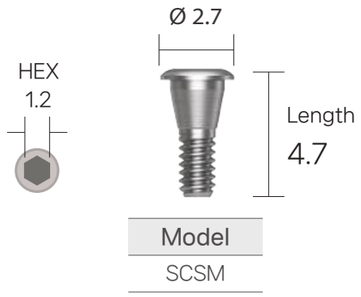
Excellent design capability and precise processing technology provi
superior level of tightening precision to show stable durability

Part 1

Implant

Mini Fixture

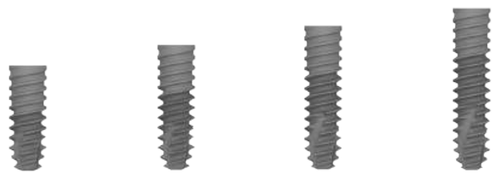




Model
SCSM

* 1.7 hex prosthetic screws are recommended to be tightened with a torque of 20N.
* Packing Unit : Fixture with Cover Screw ex) S4010C

Ø 3.0

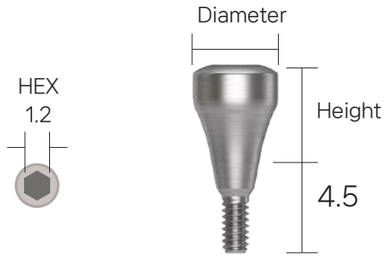


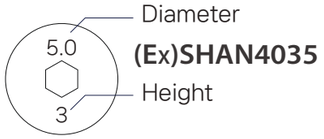
L [mm]	-	8.5	10	11.5	13
Model	-	S3008	S3010	S3011	S3013

Ø 3.3

L [mm]	-	8.5	10	11.5	13
Model	-	S3308	S3310	S3311	S3313

Mini Healing Abutment





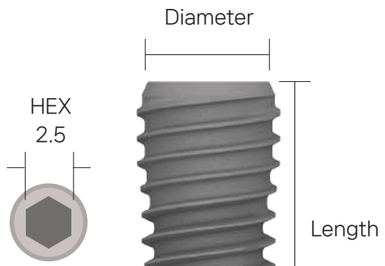
Ø 4.2

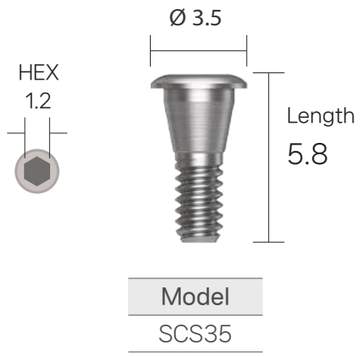
Height	4	5	7	8
Model	SHAN4024	SHAN4035	SHAN4047	SHAN4058

Ø 4.7

Height	4	5	7	8
Model	SHAN4524	SHAN4535	SHAN4547	SHAN4558

S Fixture





Model
SCS35

* 1.7 hex prosthetic screws are recommended to be tightened with a torque of 15N.

* Packing Unit : Fixture with Cover Screw ex) S4010C

Ø 3.8

L [mm]	-	7	8.5	10	11.5	13
Model	-	S3807	S3808	S3810	S3811	S3813

* Only use for anterior and premolar case, Contraindication for posterior implantation.

Ø 4.0

L [mm]	7 (5.5)	7	8.5	10	11.5	13
Model	S4007P	S4007	S4008	S4010	S4011	S4013

Ø 4.5

L [mm]	7 (5.5)	7	8.5	10	11.5	13
Model	S4507P	S4507	S4508	**S4510**	S4511	S4513

Ø 5.0

L [mm]	7 (5.5)	7	8.5	10	11.5	13
Model	S5007P	S5007	S5008	S5010	S5011	S5013

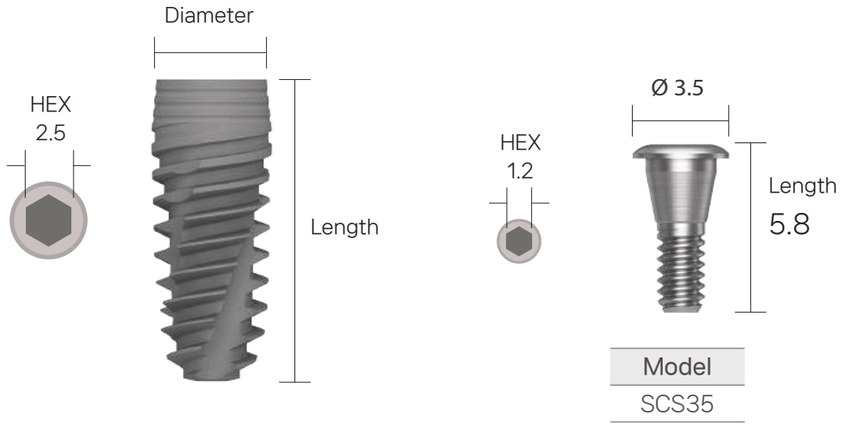
Ø 6.0

L [mm]	7 (5.5)	7	8.5	10
Model	S6007P	S6007	S6008	S6010

Ø 7.0

L [mm]	7 (5.5)	7	8.5	10
Model	S7007P	S7007	S7008	S7010

MT-ACT Fixture



Model
SCS35

* Packing Unit : Fixture with Cover Screw ex) S4010C

Ø 3.8

L [mm]	-	8.5	10	11.5	13	15
Model	-	MT-ACT3808	MT-ACT3810	MT-ACT3811	MT-ACT3813	MT-ACT3815

* Only use for anterior and premolar case, Contraindication for posterior implantation.

Ø 4.0

L [mm]	7	8.5	10	11.5	13	15
Model	MT-ACT4007	MT-ACT4008	MT-ACT4010	MT-ACT4011	MT-ACT4013	MT-ACT4015

Ø 4.5

L [mm]	7	8.5	10	11.5	13	15
Model	MT-ACT4507	MT-ACT4508	MT-ACT4510	MT-ACT4511	MT-ACT4513	MT-ACT4515

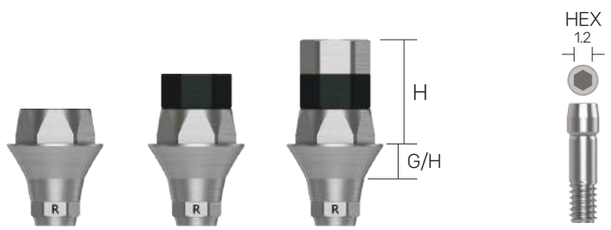
Ø 5.0

L [mm]	7	8.5	10	11.5	13	15
Model	MT-ACT5007	MT-ACT5008	MT-ACT5010	MT-ACT5011	MT-ACT5013	MT-ACT5015

Scan-Mounter Implant

		Ø 4.0	Ø 4.5	Ø 5.0	Ø 6.0	Ø 7.0
Fixture Length [mm]	7	S4007M	S4507M	S5007M	S6007M	S7007M
	8.5	S4008M	S4508M	S5008M	S6008M	S7008M
	10	S4010M	S4510M	S5010M	S6010M	S7010M
	11.5	S4011M	S4511M	S5011M	-	-

Scan Mount Abutment



H [mm]	2	4	6
G/H	3	3	3
Model	SM5522	SM5542	SM5562

Bar Scan Body

Model	BSB13

Healing cap

H [mm]	3	5	7
Model	MSH03	MSH05	MSHC07

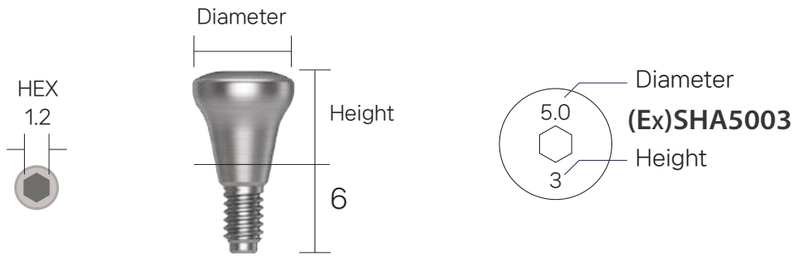
Scan Mount Driver

Model	Type
SMDR	Ratchet
SMDM	Machine

Remove Driver

Model	Type
SMRD	Ratchet

Healing Abutment



Ø 4.0

Height	1	2	3	4	5	6	7	8	9
Model	SHA4001	SHA4002	SHA4003	SHA4004	SHA4005	SHA4006	SHA4007	SHA4008	SHA4009

Ø 4.5

Height	1	2	3	4	5	6	7	8	9
Model	SHA4501	SHA4502	SHA4503	SHA4504	SHA4505	SHA4506	SHA4507	SHA4508	SHA4509

Ø 5.0

Height	1	2	3	4	5	6	7	8	9
Model	SHA5001	SHA5002	SHA5003	SHA5004	SHA5005	SHA5006	SHA5007	SHA5008	SHA5009

Ø 5.5

Height	1	2	3	4	5	6	7	8	9
Model	SHA5501	SHA5502	SHA5503	SHA5504	SHA5505	SHA5506	SHA5507	SHA5508	SHA5509

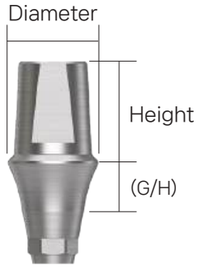
Ø 6.0

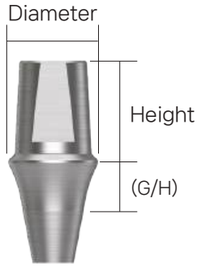
Height	1	2	3	4	5	6	7	8	9
Model	SHA6001	SHA6002	SHA6003	SHA6004	SHA6005	SHA6006	SHA6007	SHA6008	SHA6009

Ø 6.5

Height	1	2	3	4	5	6	7	8	9
Model	SHA6501	SHA6502	SHA6503	SHA6504	SHA6505	SHA6506	SHA6507	SHA6508	SHA6509

Transfer Abutment





M Hex 1.7
R Hex 2.5

Non-Hex

*Non-Hex Order : Write "N" as the last Character, ex) MTA4053N

Ø 4.0 M

G/H [mm]	1	2	3	4
H 5.5	MTAN4051H	MTAN4052H	MTAN4053H	MTAN4054H
H 7.0	MTAN4071H	MTAN4072H	MTAN4073H	MTAN4074H

Ø 4.0 R

G/H [mm]	1	2	3	4	5
H 5.5	MTA4051H	MTA4052H	MTA4053H	MTA4054H	MTA4055H
H 7.0	MTA4071H	MTA4072H	MTA4073H	MTA4074H	MTA4075H

Ø 4.5 R

G/H [mm]	1	2	3	4	5
H 5.5	MTA4551H	MTA4552H	MTA4553H	MTA4554H	MTA4555H
H 7.0	MTA4571H	MTA4572H	MTA4573H	MTA4574H	MTA4575H

Ø 5.0 R

G/H [mm]	1	2	3	4	5
H 5.5	MTA5051H	MTA5052H	MTA5053H	MTA5054H	MTA5055H
H 7.0	MTA5071H	MTA5072H	MTA5073H	MTA5074H	MTA5075H

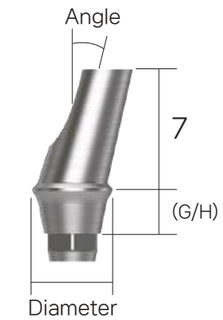
Ø 5.5 R

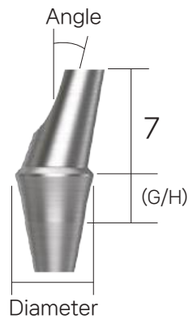
G/H [mm]	1	2	3	4	5
H 5.5	MTA5551H	MTA5552H	MTA5553H	MTA5554H	MTA5555H
H 7.0	MTA5571H	MTA5572H	MTA5573H	MTA5574H	MTA5575H

Ø 6.0 R

G/H [mm]	1	2	3	4	5
H 5.5	MTA6051H	MTA6052H	MTA6053H	MTA6054H	MTA6055H
H 7.0	MTA6071H	MTA6072H	MTA6073H	MTA6074H	MTA6075H

Angled Abutment





M Hex 1.7
R Hex 2.5

Non-Hex

*Non-Hex Order. : Write "N" as the last Character, ex) MAA4023N

Ø 4.0

M

G/H [mm]	2	4
Height	MAAN4012H	MAAN4014H

Ø 4.0

R

G/H [mm]	1	2	3	4
Angle 15°	MAA4011H	MAA4012H	MAA4013H	MAA4014H
Angle 25°	MAA4021H	MAA4022H	MAA4023H	MAA4024H

Ø 4.5

R

G/H [mm]	1	2	3	4
Angle 15°	MAA4511H	MAA4512H	MAA4513H	MAA4514H
Angle 25°	MAA4521H	MAA4522H	MAA4523H	MAA4524H

Ø 5.0

R

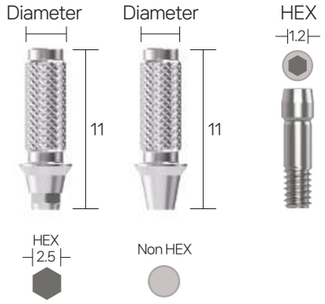
G/H [mm]	1	2	3	4
Angle 15°	MAA5011H	MAA5012H	MAA5013H	MAA5014H
Angle 25°	MAA5021H	MAA5022H	MAA5023H	MAA5024H

Ø 6.0

R

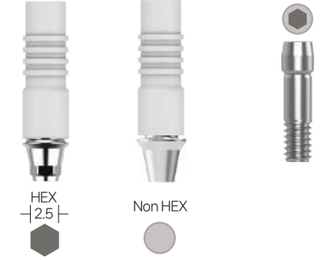
G/H [mm]	1	2	3	4
Angle 15°	MAA6011H	MAA6012H	MAA6013H	MAA6014H
Angle 25°	MAA6021H	MAA6022H	MAA6023H	MAA6024H

Temporary Abutment



Ø 4.5 R	Type	Hex	Non-Hex
	Model	MTA4511H	MTA4511N

UCLA CCM



Ø 4.5 R	Type	Hex	Non-Hex
	Model	CCMRH	CCMRN

ONEDAYcator

• Abutment

• Retention Cap

* 1 Set = Titanium housing + 3 retention cap (1LC + 1BC + 1PC) +1 lab cap + Isorate ring

• 's own optimax tool (Product code : LKW)

Remover Part

Divided into three directions, it is possible to remove old worn-out nylon caps that open and shrink, and this special heat-treated product maintains steady performance against repetitive contraction and expansion

By increasing the thickness and length, the grip feeling is greatly improved; as well as the length of the Insertion Part and Remover Part is increased, it makes it easier to insert and remove the cap

• 's unique carrier system

Transfer Coping

It can be used for transfer Coping when gaining impression

TDenture Spacer

It is easy and accurate to use because the location of the metal housing is secured in advance when making dentures

• 's Combo Torque Wrench (Product code : TWT)

It can be used conveniently regardless of types of a torque wrench

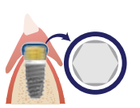
With a guide, it is easily inserted into the abutment and connected even in the oral cavity

It can be easily cut with scissors and etc., as well as no additional cost is required if you cut and use the desired part according to the purpose

• 's own advanced metal housing

In order to be concerned about the occurrence of rotation of the housing (falling out of the denture), a groove in the vertical direction or other measures are required

Since the side of the housing is a square shape, it requires more excessive cutting of the denture.



The internal design is hexagonal which prevents rotation (anti rotation) of the housing.
The outer surface of the housing is round and wider which requires less cutting of the denture and it maximizes the stability.

Multi-Unit Abutment

• Straight

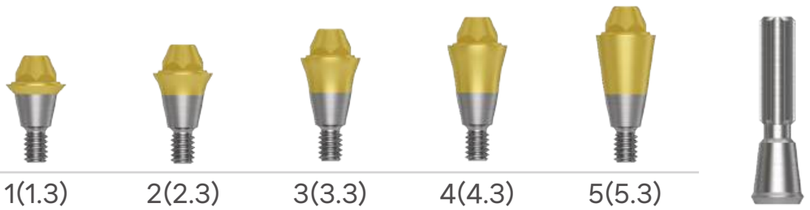
Ø 4.8

R

Height	1	2	3	4	5	Holder
Model	MUSA4801S	MUSA4802S	MUSA4803S	MUSA4804S	MUSA4805S	

Ø 5.5

R



Height	1(1.3)	2(2.3)	3(3.3)	4(4.3)	5(5.3)	Holder
Model	MUSAD5515	MUSAD5525	MUSAD5535	MUSAD5545	MUSAD5555	

• Angled 17°

Ø 4.8

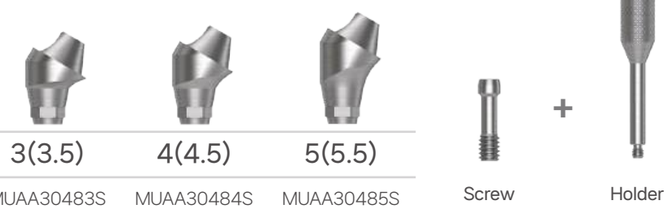
R

Height	2(2.5)	3(3.5)	4(4.5)	Screw	+	Holder
Model	MUAA17482S	MUAA17483S	MUAA17484S			

• Angled 30°

Ø 4.8

R

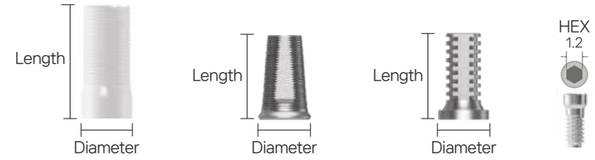


Height	3(3.5)	4(4.5)	5(5.5)	Screw	+	Holder
Model	MUAA30483S	MUAA30484S	MUAA30485S			

• Cylinder

Ø 4.8

R

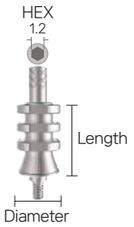


	Plastic	Titanium	Temporary
L(mm)	10	7	7
Model	MUPC	MUTCOH	MUTC
Non-Hex	-	MUTCON	-

• Impression Coping Pick Up

Ø 4.8

R



Height	8
Model	MUPIC

• Impression Coping Transfer

Ø 4.8

R

Height	5.5
Model	MUTIC

• Healing Cap

Ø 4.8

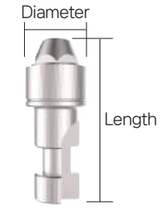
R

Height	4.6
Model	MUHC

• Analog

Ø 4.8

R



Height	11.1
Model	MULA

• Multi-Unit Scan Body

Ø 4.8

R

Height	4.6	
Model	MUSBH	MUSBN
	Hex	Non-Hex

• Driver

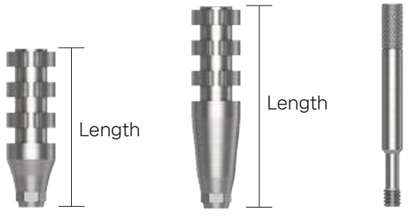
Ø 4.8

R

Model
MUAD

Impression Coping

• Pick-Up



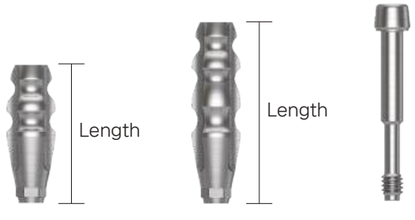
M Ø 4.0

R Ø 4.5

Ø 5.5

L 15mm	L 19mm	Hex
-	ICPN404L	1.7
ICP45HS	ICP45HL	2.5
ICP55HS	ICP55HL	

• Transfer



M Ø 4.0

R Ø 4.5

Ø 5.5

L 15mm	L 19mm	Hex
-	ICTN404L	1.7
ICT45HS	ICT45HL	2.5
ICT55HS	ICT55HL	

Digital Component

• Scan Body

M	-	SBM15
R	SBR11	SBR15

• Intraoral Scan Body

M	IOSBM4020	IOSBM4040	IOSBM4043
R	IOSBR4020	IOSBR4040	IOSBR4043

• Lab Analog

M Ø 3.0

R Ø 4.2

L 12mm	L 13mm
LAB002	-
-	LAB001

• Digital Lab Analog

M	DLA-M
R	DLA-R

• Ti Base

M	Ti4-M	Ti6-M
R	Ti4-R	Ti6-R

• Ti Blank Type

R

Ø 10

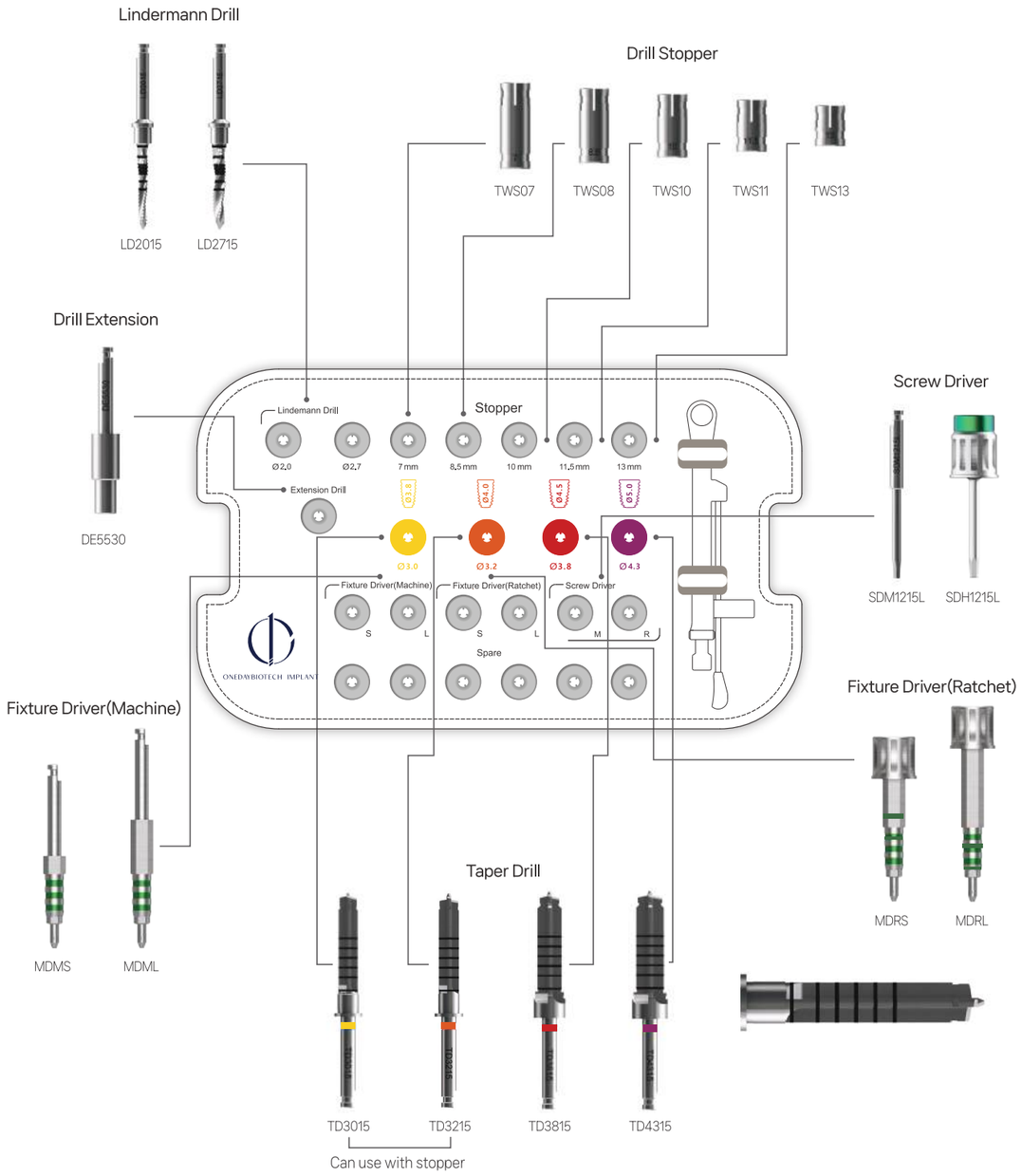
Ø 14

R-type	A-type	M-type	Z-type

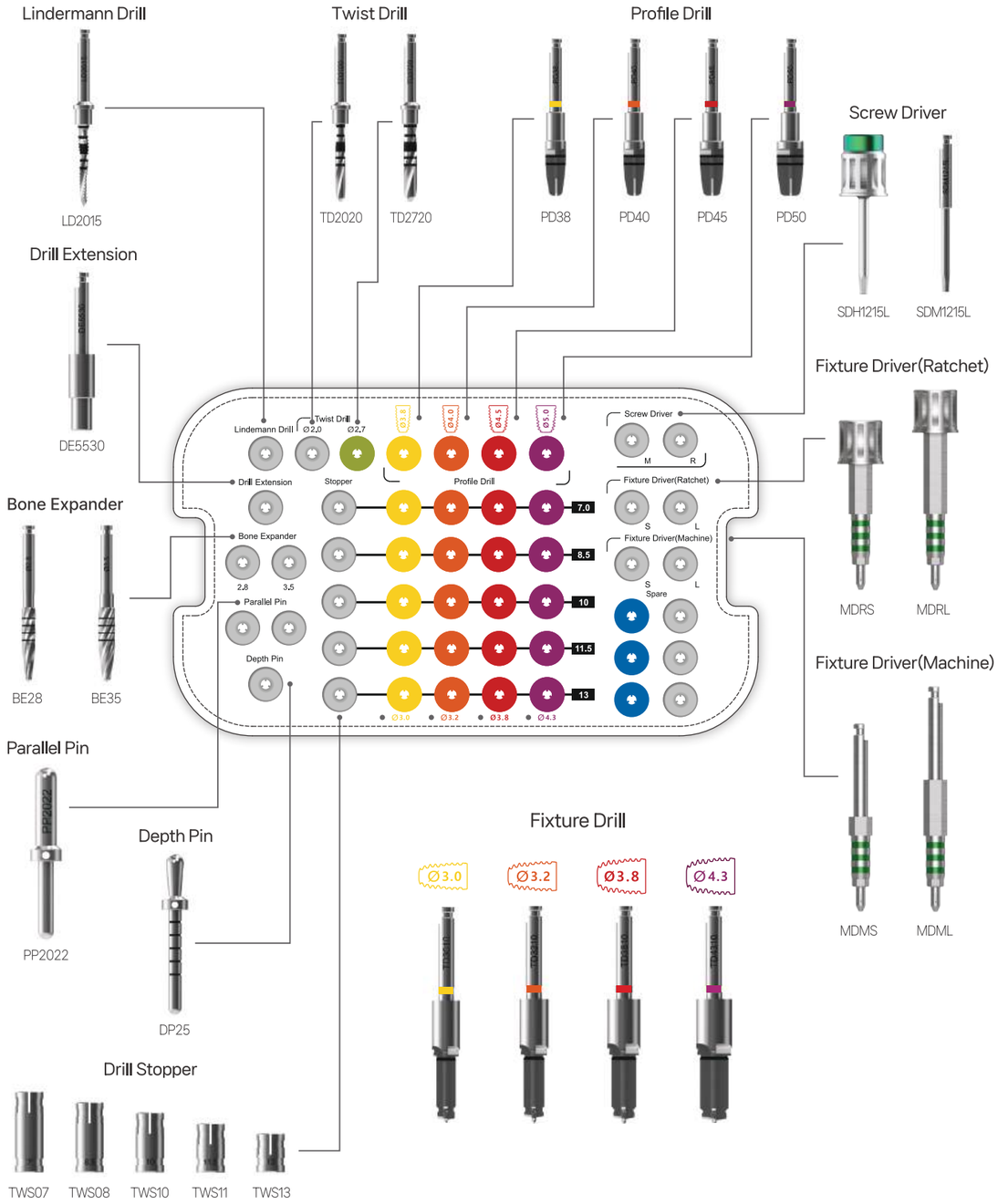
Part 2

KIT & Instruments

Compact KIT

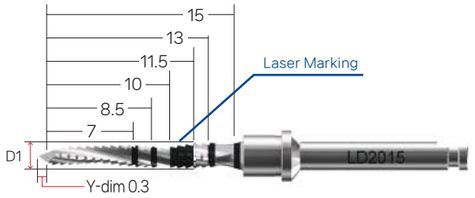


Complete KIT



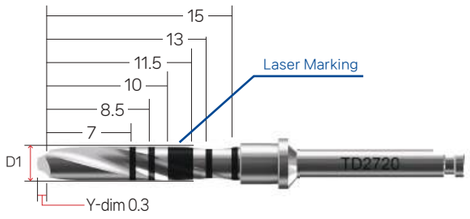
KIT Instrument

1) Lindermann Drill



Model	D1
LD2015	Ø 2.0
LD2715	Ø 2.7

2) Twist Drill

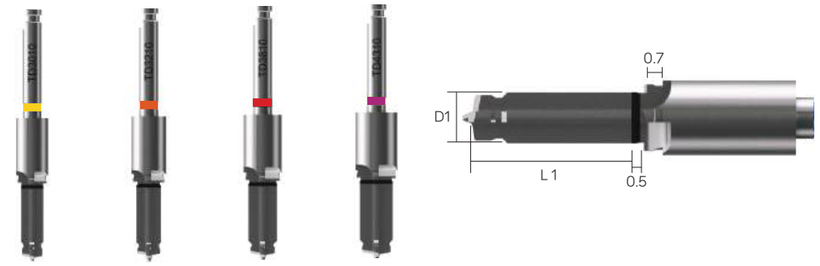


Model	D1
TD2020	Ø 2.0
TD2720	Ø 2.7

3) Stopper

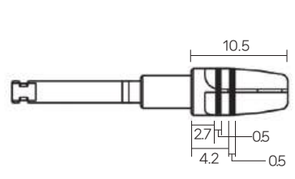
Model	D1	L1	Drilling Depth
TWS07	Ø 4.0	11.5	7
TWS08		10	8.5
TWS10		8.5	10
TWS11		7	11.5
TWS13		5.5	13

4) Fixture Drill



D 1 (Fixture D)		Ø3.0 (F3.8)	Ø3.2 (F4.0)	Ø3.8 (F4.5)	Ø4.3 (F5.0)	Ø5.3 (F6.0)	Ø6.3 (F7.0)
L 1 [mm]	7	TD3070	TD3270	TD3870	TD4370	TD6070	TD7070
	8.5	TD3085	TD3270	TD3885	TD4385	TD6085	TD7085
	10	TD3010	TD3210	TD3810	TD4310	TD6010	TD7010
	11.5	TD3011	TD3211	TD3811	TD4311	-	-
	13	TD3013	TD3213	TD3813	TD4313	-	-
	15	TD3015	TD3215	TD3815	TD4315	-	-

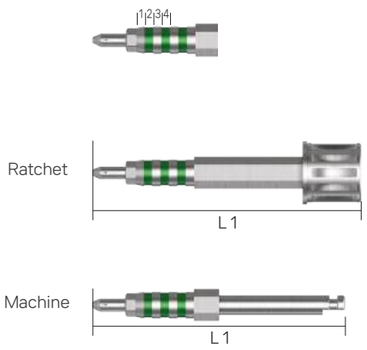
5) Profile Drill



Model No.	PD38	PD40	PD45	PD50
Dia. [mm]	Ø 3.8	Ø 4.0	Ø 4.5	Ø 5.0

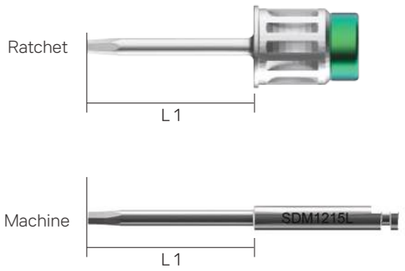
KIT Instrument

6) Fixture Driver



Model	L1	Type
FD17RS	31.25	Mini Ratchet
FD17RL	36.25	
MDRXS	22.25	Ratchet
MDRS	31.25	
MDRL	36.25	
FD17MS	30.05	Mini Machine
FD17ML	35.05	
MDMXS	22.25	Machine
MDMS	27.25	
MDML	32.25	

7) Screw Driver

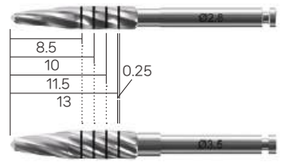


Model	L1	Type
SDH1210S	10	Ratchet
SDH1215L	15	
SDM1210S	11	Machine
SDM1215L	16	

8) Drill Extension

Model	L1	L2
DE5530	27	13

9) Bone expander

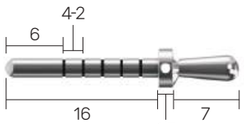


Model	D
BE28	Ø 2.8
BE35	Ø 3.5

10) Parallel pin

Model
PP2022

11) Depth Pin



Model
DP25

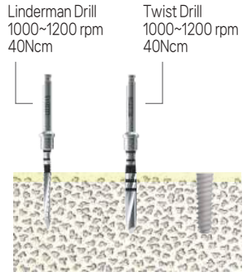
12) Torque Wrench

Model	Torque (Max)
TWS	0 - 40Ncm

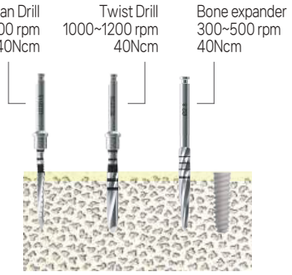
Surgical Drilling Sequence for S-Fixture

Fixture	Bone Density	First Guide Drill	Twist Drill		Final Drill				Profile Drill (Hard bone)
		Linderman Drill							
		Ø 2.0	Ø 2.0	Ø 2.7	Ø 3.8	Ø 4.0	Ø 4.5	Ø 5.0	
Ø 3.0	Hard	●	●	●					
	Normal	●	●						
	Soft	●	●						
Ø 3.3	Hard	●		●	●				
	Normal	●		●					
	Soft	●	●						
Ø 3.8	Hard	●	●		●				●
	Normal	●	●		●				
	Soft	●	●	●					
Ø 4.0	Hard	●	●			●			●
	Normal	●	●			●			
	Soft	●	●		●				
Ø 4.5	Hard	●	●			●	●		●
	Normal	●	●			●	●		
	Soft	●	●			●			
Ø 5.0	Hard	●	●				●	●	●
	Normal	●	●				●	●	
	Soft	●	●				●		

Mini implant protocol

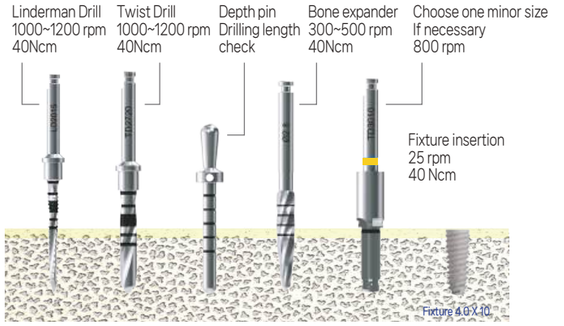


Soft Bone (D3~D4)

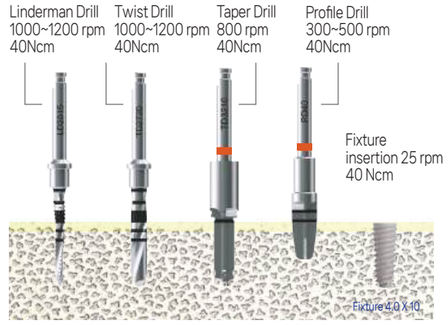


Hard Bone (D1~D2)

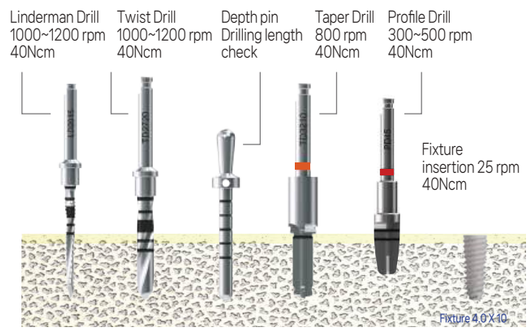
Soft Bone drilling protocol for S fixture



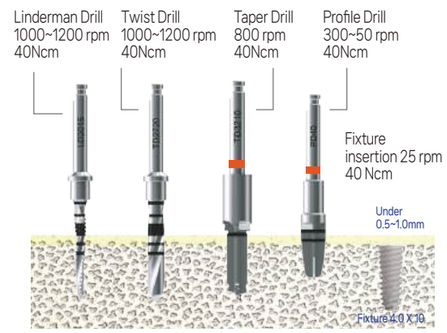
Bone Level Drilling protocol



Hard Bone drilling protocol for S fixture



Under Bone Level protocol for S fixture



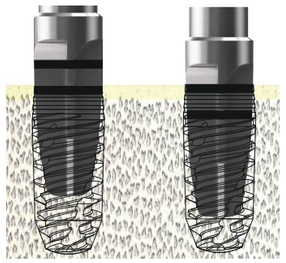
Surgical Drilling Sequence for MT-Act Fixture

Fixture	Bone Density	First Guide Drill	Twist Drill		Final Drill				Profile Drill
		Linderman Drill 							
		Ø 2.0	Ø 2.0	Ø 2.7	Ø 3.0	Ø 3.2	Ø 3.8	Ø 4.3	
 Ø 3.8	Hard Normal Soft	● ● ●		● ● ●	●				● ● ●
 Ø 4.0	Hard Normal Soft	● ● ●		● ● ●	 ● ●	●			● ● ●
 Ø 4.5	Hard Normal Soft	● ● ●		● ● ●		● ● ●	●		● ● ●
 Ø 5.0	Hard Normal Soft	● ● ●		● ● ●		● ● ●	 ● ●	●	● ● ●

MT-Act Fixture Drill Fit

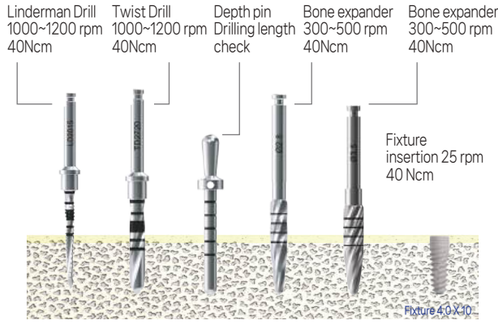
MT-Act 4.0mm x 10mm using TD3210 drill

MT-Act Fixture use Profile Drill

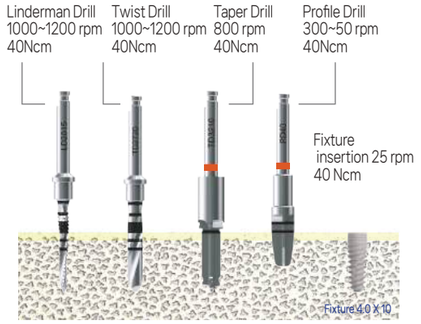


Soft Bone (D3~D4) Hard Bone (D1~D2)

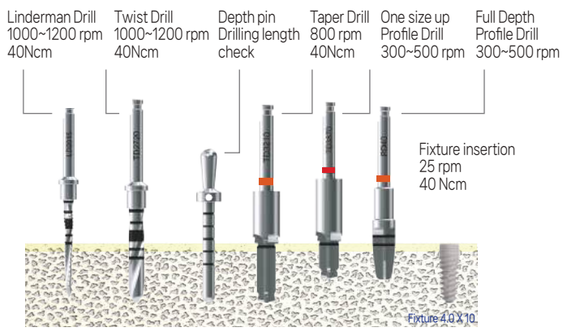
Soft Bone drilling protocol



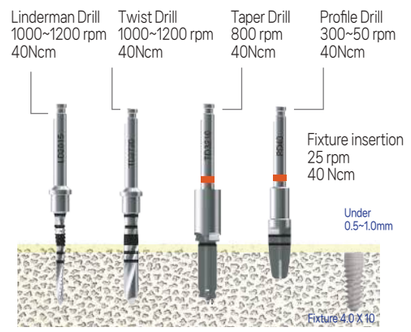
Bone Level protocol



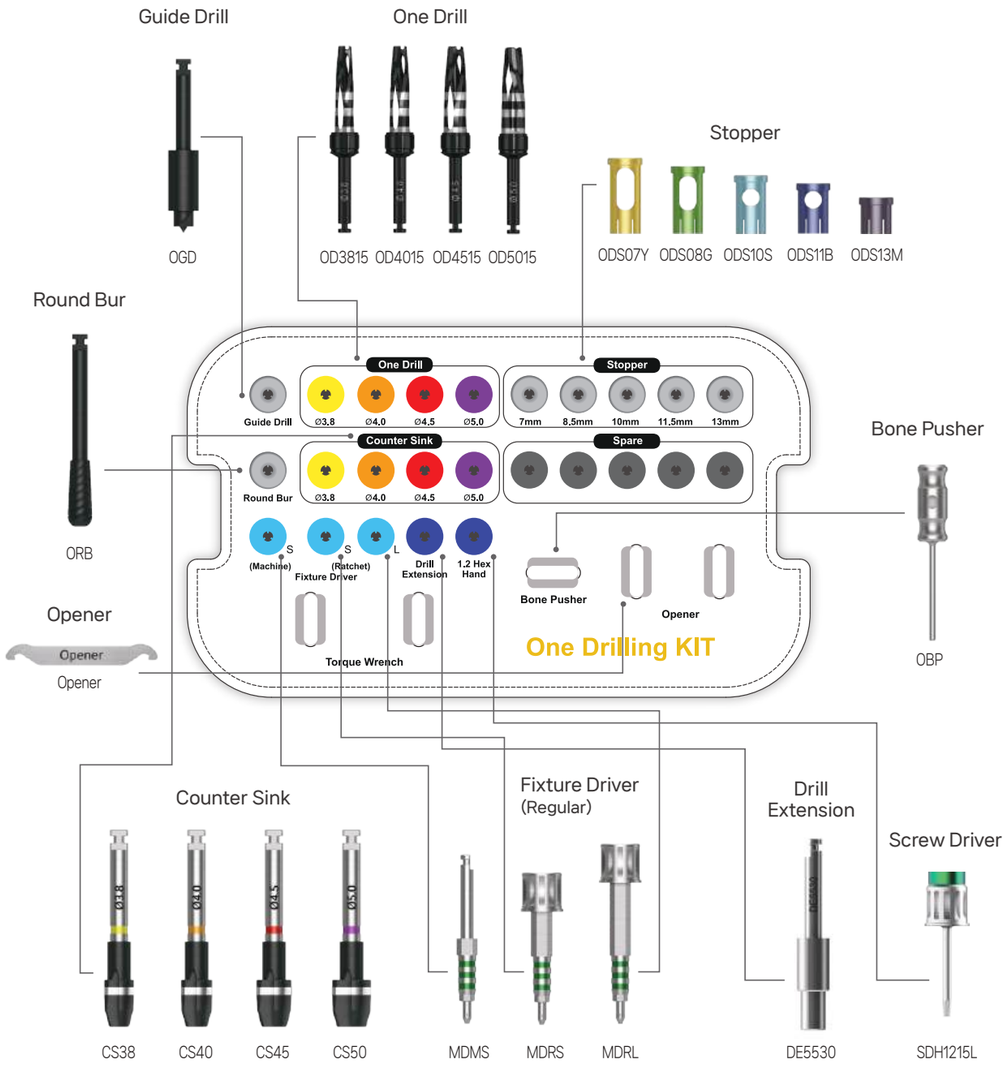
Hard Bone drilling protocol



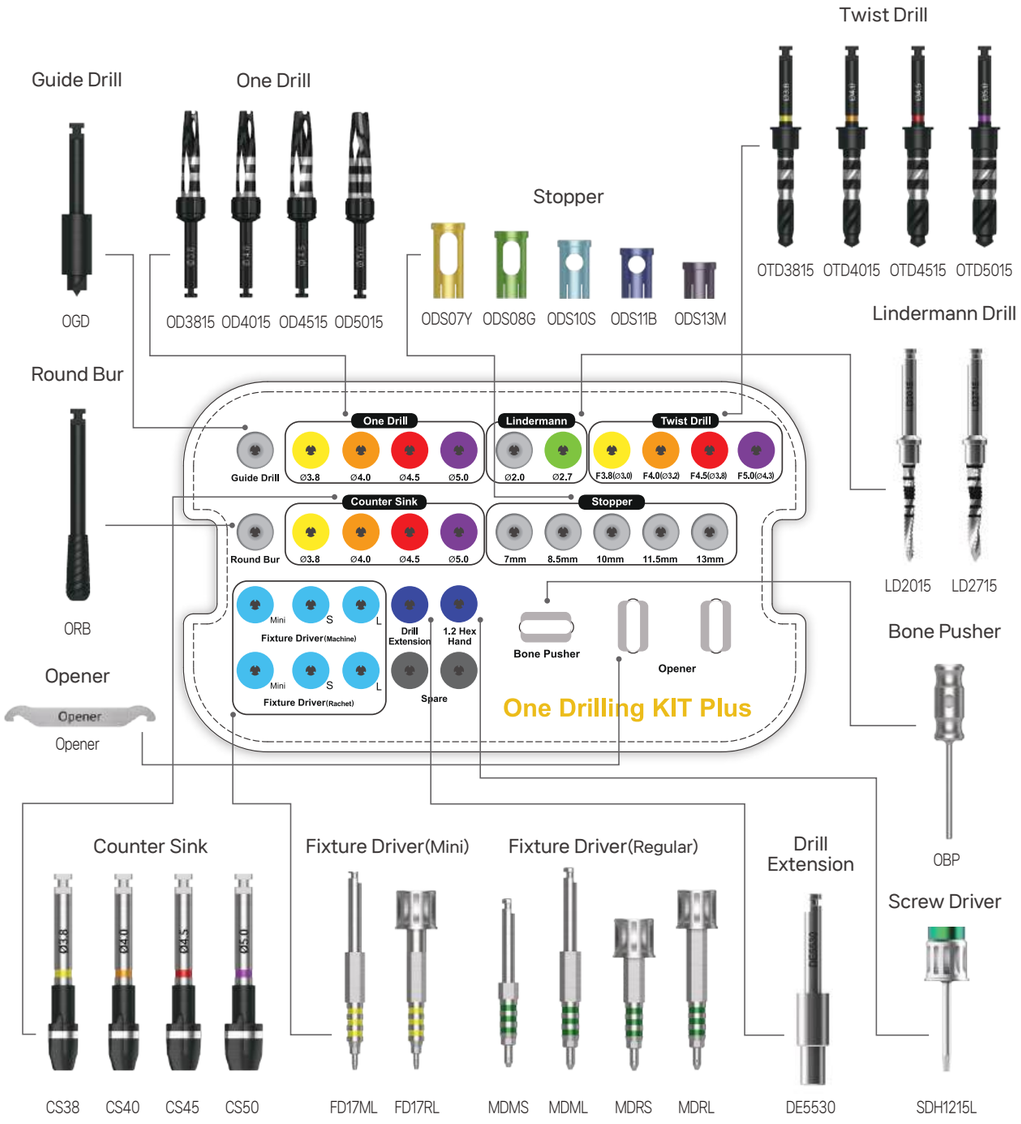
Under Bone Level Drilling protocol



One Drill KIT



One Drill KIT Plus

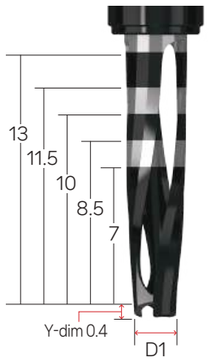


One Drill KIT Instrument

1) Guide Drill

Model
OGD

2) One Drill



Model	OD3815	OD4015	OD4515	OD5015
D1	Ø 3.0	Ø 3.2	Ø 3.7	Ø 4.2

3) Counter Sink

Model	CS38	CS40	CS45	CS50
D1	Ø 3.8	Ø 4.0	Ø 4.5	Ø 5.0

4) Round Bur

Model
ORB

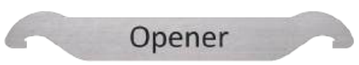
5) Stopper

Model	ODS07Y	ODS08G	ODS10S	ODS11B	ODS13M
Drilling Depth	7mm	8.5mm	10mm	11.5mm	13mm
Stopper Length	11mm	9mm	8mm	6mm	5mm

6) Bone Pusher

Model
OBP

7) Opener



Model
Opener

One Drill Sequence for S Fixture

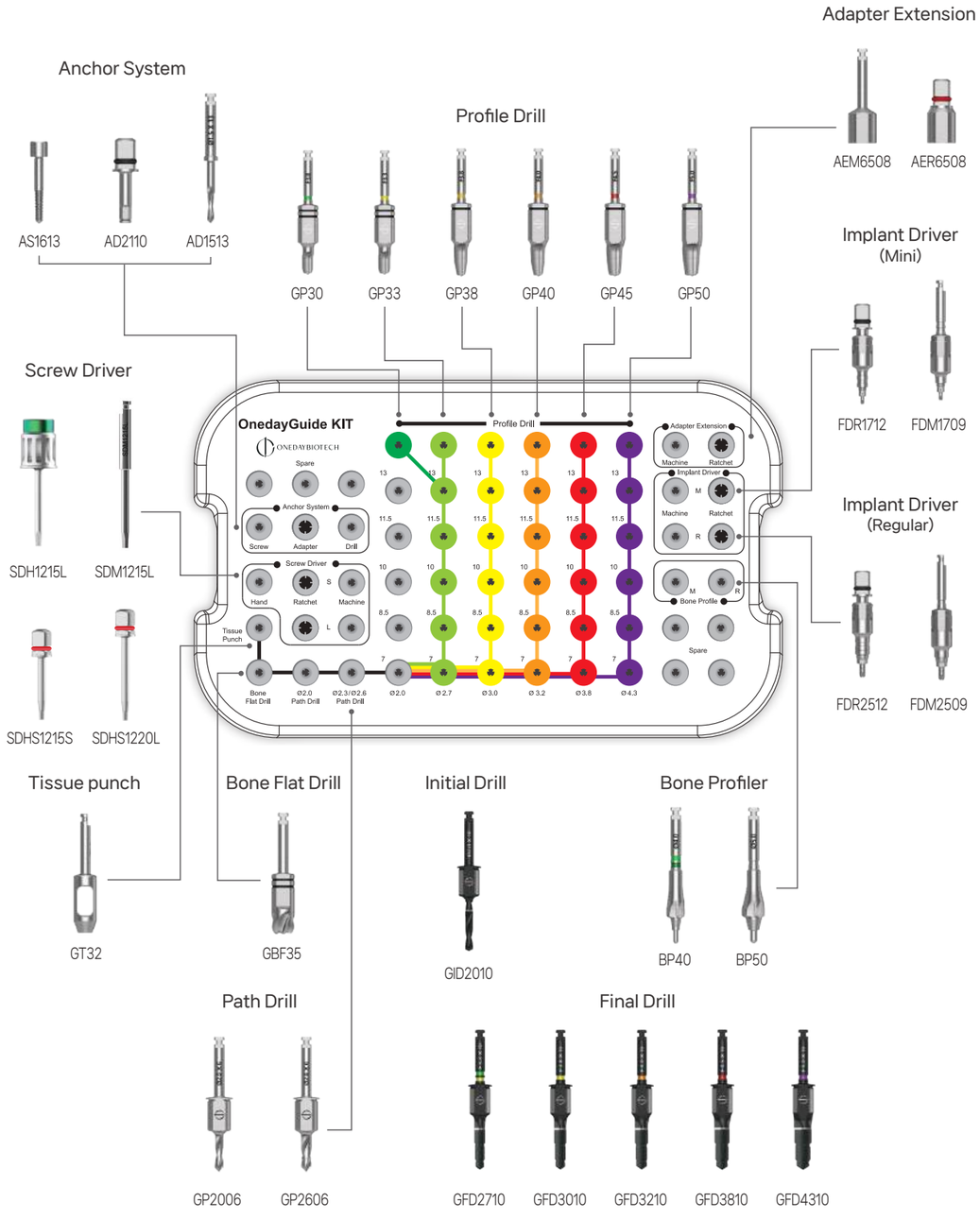
Fix.D	Bone Density	One Drill					Counter Sink			
										
		Guide Drill	Ø 3.8	Ø 4.0	Ø 4.5	Ø 5.0	Ø 3.8	Ø 4.0	Ø 4.5	Ø 5.0
 Ø 3.8	Hard	●	●	●			●			
	Normal	●	●							
	Soft	●	●							
 Ø 4.0	Hard	●		●				●		
	Normal	●		●						
	Soft	●	●							
 Ø 4.5	Hard	●			●				●	
	Normal	●			●					
	Soft	●		●						
 Ø 5.0	Hard	●				●				●
	Normal	●				●				
	Soft	●			●					

* Initial Stability could be controlled by the drilling depth of Counter Sink

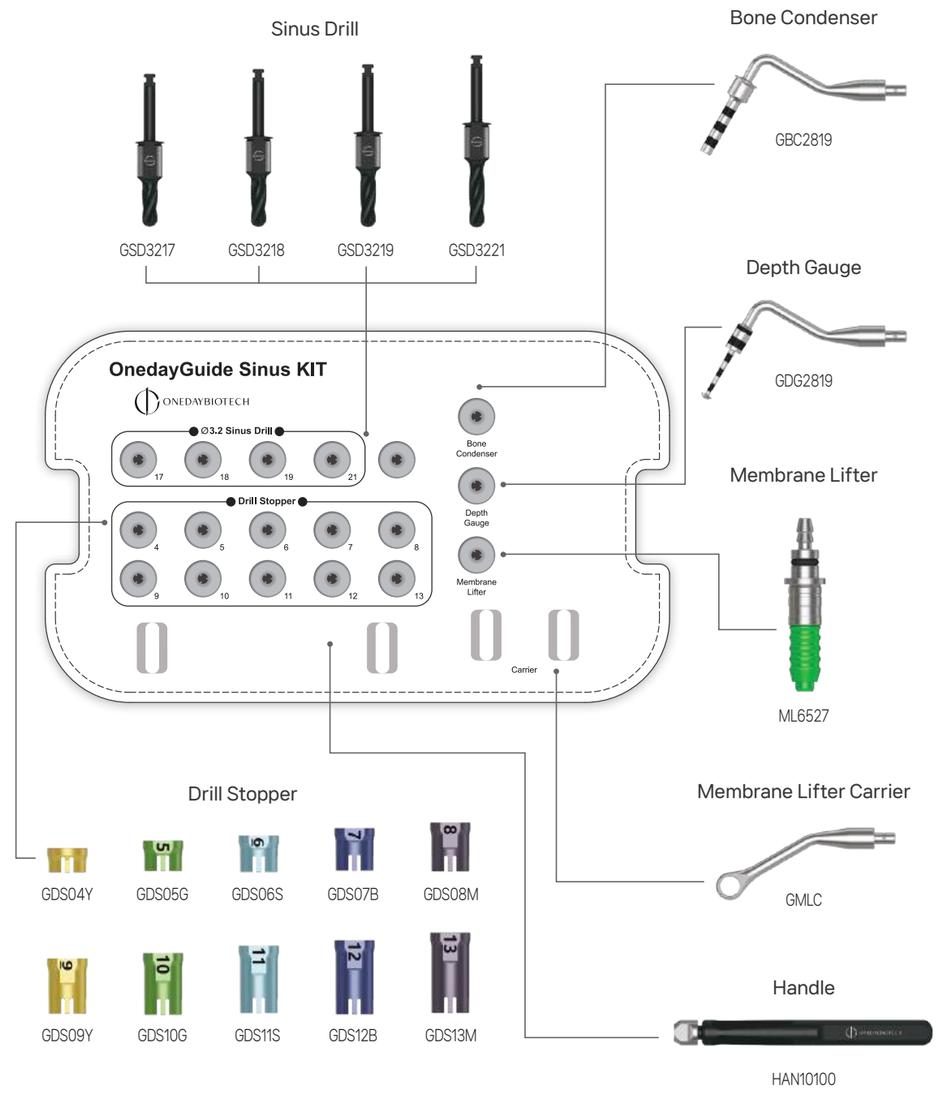
One Drill Sequence for MT-Act Fixture

Fix.D	Bone Density	One Drill					Counter Sink			
										
		Guide Drill	Ø 3.8	Ø 4.0	Ø 4.5	Ø 5.0	Ø 3.8	Ø 4.0	Ø 4.5	Ø 5.0
 Ø 3.8	Hard	●	●				●			
	Normal	●	●				●			
	Soft	●	●							
 Ø 4.0	Hard	●		●				●		
	Normal	●		●						
	Soft	●	●							
 Ø 4.5	Hard	●			●				●	
	Normal	●			●					
	Soft	●		●						
 Ø 5.0	Hard	●				●				●
	Normal	●				●				
	Soft	●			●					

Oneday Guide KIT



Oneday Guide Sinus KIT

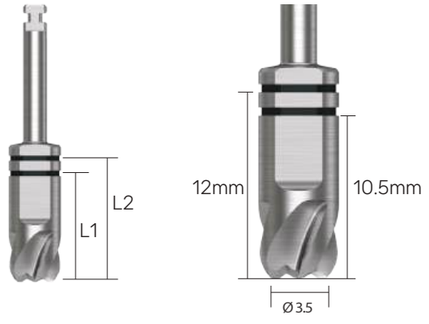


Oneday Guide KIT Instrument

1) Tissue punch

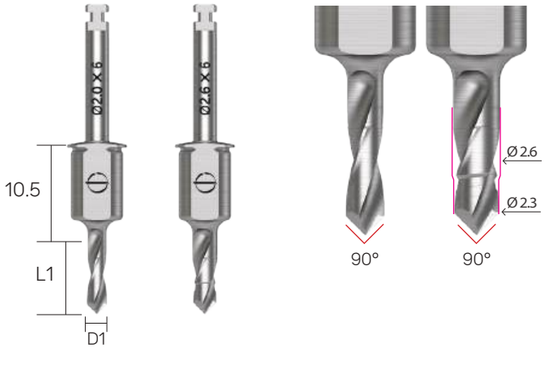
Model
GT32

2) Bone Flat Drill



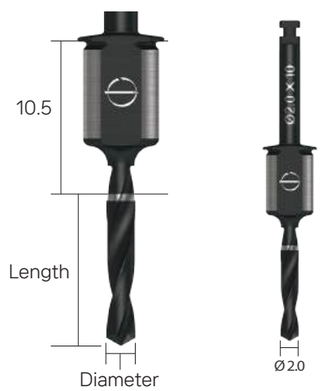
Model	D1	L1	L2
GBF35	Ø 3.5	10.5	12

3) Path Drill



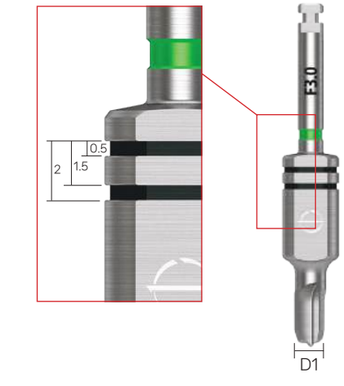
Model	D1	L1
GP2006	Ø 2.0	6
GP2606	Ø 2.3 /Ø 2.6	6

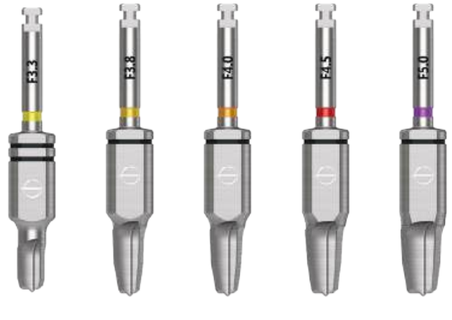
4) Initial Drill



Model	Length
GID2007	7
GID2008	8.5
GID2010	10
GID2011	11.5
GID2013	13
GID2015	15
GID2016	16
GID2017	17.5

5) Profile Drill





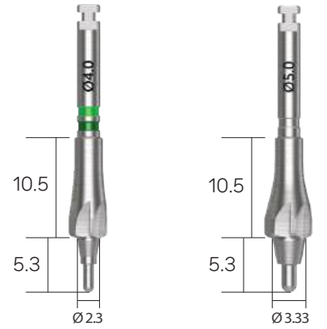
Model	D1
GPD30	Ø 3.0
GPD33	Ø 3.3
GPD38	Ø 3.8
GPD40	Ø 4.0
GPD45	Ø 4.5
GPD50	Ø 5.0

Oneday Guide KIT Instrument

6) Final Drill

Fixture Dia. (D1)		F3.3 (Ø2.7)	F3.8 (Ø3.0)	F4.0 (Ø3.2)	F4.5 (Ø3.8)	F5.0 (Ø4.3)
L 1 [mm]	7	GFD2707	GFD3007	GFD3207	GFD3807	GFD4307
	8.5	GFD2708	GFD3008	GFD3208	GFD3808	GFD4308
	10	GFD2710	GFD3010	GFD3210	GFD3810	GFD4310
	11.5	GFD2711	GFD3011	GFD3211	GFD3811	GFD4311
	13	GFD2713	GFD3013	GFD3213	GFD3813	GFD4313
	15	GFD2715	GFD3015	GFD3215	GFD3815	GFD4315
	16	GFD2716	GFD3016	GFD3216	GFD3816	GFD4316
	17.5	GFD2717	GFD3017	GFD3217	GFD3817	GFD4317

7) Bone Profiler



Ø4.0 Mini Ø5.0 Regular

Model	Connection	Type
BP40	Mini	Machine
BP50	Regular	Machine

8) Fixture Driver

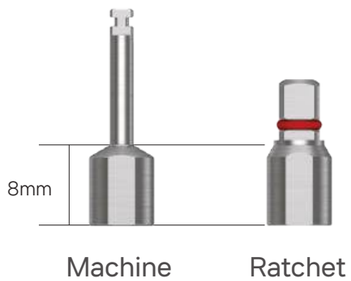
Model	Connection	Type
FDM1709	Mini	Machine
FDR1712	Mini	Ratchet
FDM2509	Regular	Machine
FDR2512	Regular	Ratchet

Oneday Guide KIT Instrument

9) Anchor System

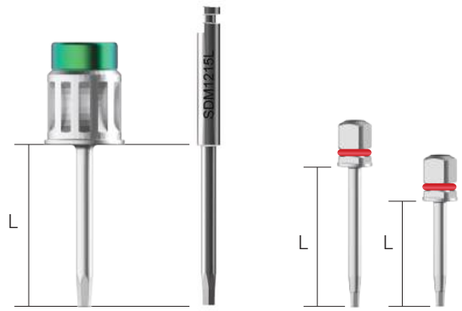
Model	Anchor Drill	Anchor Screw	Anchor Adapter
Model No.	AD1513	AS1613	AD2110
Length	13	13	10

10) Adapter Extension



Model	Type
AEM6508	Machine
AER6508	Ratchet

11) Screw Driver



Model	Length	Type
SDH1215L	15	Hand
SDM1210S	10	Machine
SDM1215L	15	Machine
SDHS1215S	15	Ratchet
SDHS1220L	20	Ratchet

12) Torque Wrench

Model	Torque (Max)
TW	0- 40Ncm

Oneday Guide
Sinus KIT Instrument

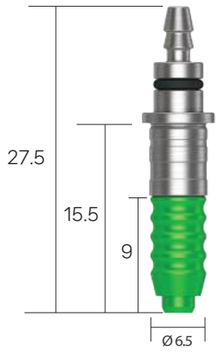
1) Sinus Drill

Model	Length
GSD3217	17
GSD3218	18
GSD3219	19
GSD3220	20
GSD3221	21

2) Drill Stopper

Model	GDS04Y	GDS05G	GDS06S	GDS07B	GDS08M	GDS09Y	GDS10G	GDS11S	GDS12B	GDS13M
Stopper Length	4mm	5mm	6mm	7mm	8mm	9mm	10mm	11mm	12mm	13mm

3) Membrane Lifter



Model
ML6527

4) Membrane Lifter Carrier

Model
GMLC

5) Depth Gauge

Model
GDG2819

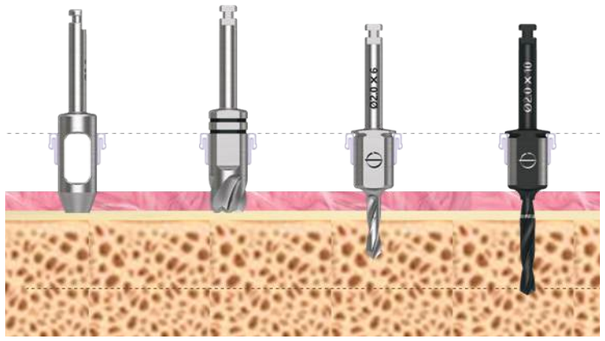
6) Bone Condenser

Model
GBC2819

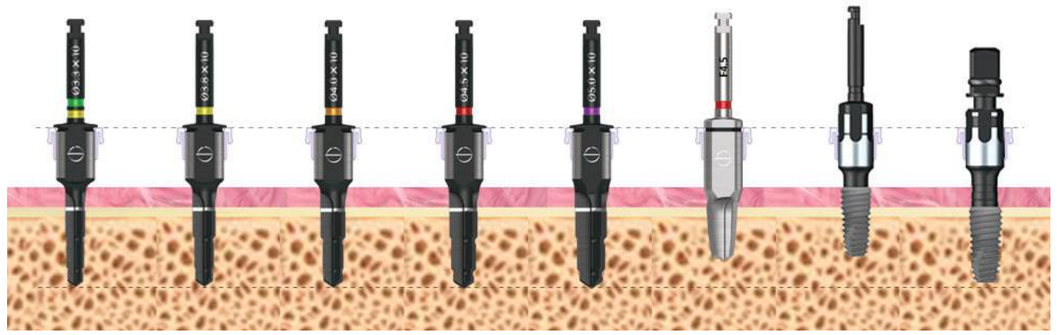
7) Handle

Model
HAN10100

Oneday Guide Drilling Sequence



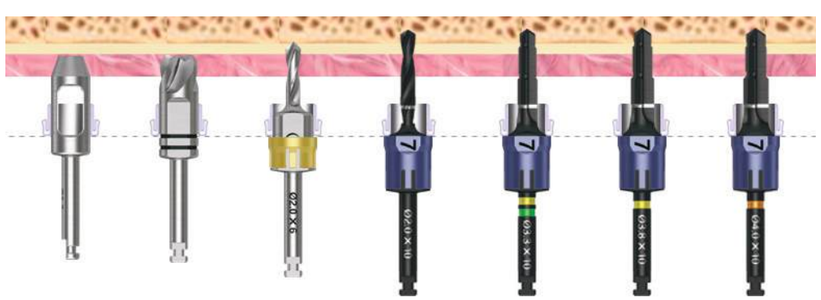
	Fixture	Bone Density	Tissue Punch	Bone Flat Drill	Path Drill	Initial Drill
					Ø 2.0 /Ø 2.7	Ø 2.0
S Fixture	Ø 3.0	Hard	●	(●)	●	●
		Soft & Normal	●	(●)	●	●
	Ø 3.3	Hard	●	(●)	●	●
		Soft & Normal	●	(●)	●	●
	Ø 3.8	Hard	●	(●)	●	●
		Soft & Normal	●	(●)	●	●
	Ø 4.0	Hard	●	(●)	●	●
		Soft & Normal	●	(●)	●	●
	Ø 4.5	Hard	●	(●)	●	●
		Soft & Normal	●	(●)	●	●
	Ø 5.0	Hard	●	(●)	●	●
		Soft & Normal	●	(●)	●	●
MT Active Fixture	Ø 3.8	Hard	●	(●)	●	●
		Soft & Normal	●	(●)	●	●
	Ø 4.0	Hard	●	(●)	●	●
		Soft & Normal	●	(●)	●	●
	Ø 4.5	Hard	●	(●)	●	●
		Soft & Normal	●	(●)	●	●
	Ø 5.0	Hard	●	(●)	●	●
		Soft & Normal	●	(●)	●	●

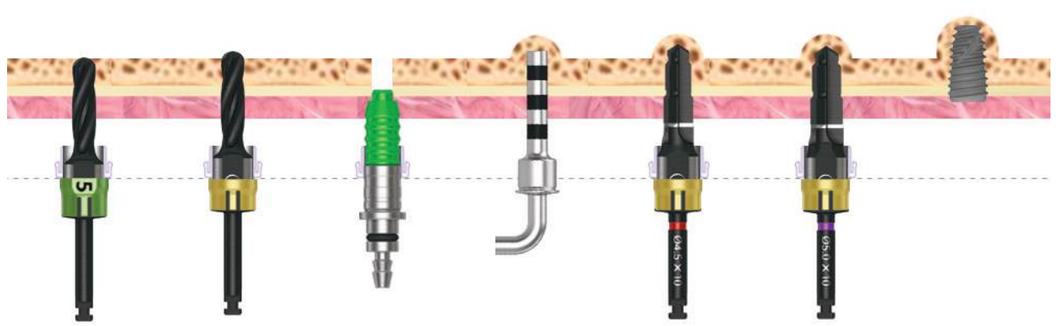


Final Drill					Profile Drill	Fixture Driver	
F3.3	F3.8	F4.0	F4.5	F5.0	Each D	Machine	Rachet
					●	●	●
					-	●	●
●					●	●	●
●					-	●	●
●	●				●	●	●
●	●				-	●	●
●		●			●	●	●
●		●			-	●	●
●		●	●		●	●	●
●		●	●		-	●	●
	●		●	●	●	●	●
	●		●	●	-	●	●
●	●				●	●	●
●					●	●	●
●		●			●	●	●
●	●	-			●	●	●
●		●	●		●	●	●
●		●	-		●	●	●
	●		●	●	●	●	●
	●		●	-	●	●	●

Oneday Guide Sinus Drilling Sequence

Residual bone depth 4~5mm case





		Tissue Punch	Bone Flat Drill	Path Drill	Initial Drill	Final Drill (or Guide Drill)		
Drill Diameter		-	-	Ø 2.0 /Ø 2.7	Ø 2.0	F3.3	F 3.8	F 4.0
Stopper Length (Drilling Depth)		-	-	4 (2)	7 (3)	7 (3)	7 (3)	7 (3)
Fixture Dia.	Ø 3.8	●	(●)	●	●	●	●	-
	Ø 4.0	●	(●)	●	●	●	●	●
	Ø 4.5	●	(●)	●	●	●	(●)	●
	Ø 5.0	●	(●)	●	●	●	(●)	●

Sinus Drill		Membrane Lifter	Bone Condensor	Final Drill		Implant
Ø 3.2	Ø 3.2	-	-	F 4.5	F 5.0	
5 (5)	4 (6)	-		4 (6)	4 (6)	
●	●	●	●	-	-	●
●	●	●	●	-	-	●
●	●	●	●	●		●
●	●	●	●	●	●	●

Universal Prosthetic KIT

• Kit Includes :

- Adjustable Torque Wrench (10-40 Ncm)
- Driver Tip : Long 15mm, Short 10mm (1 short and 1 long per type)

⬡ 1.2mm Hex(Green)	⬡ 1.25mm Hex(Blue)	☆ ITI/SCS(Purple)	☆ Star/Unigrip(Yellow)
			
NobelBiocare 3i, Keysone, Hiossen/Osstem, MegaGen, Dentium	Zimmer, Astra, Biohorizons, Intra-Lock, MIS, Implant Direct Dentis	Straumann SCS	NobelBiocare Active & Ungrip Screw, Neoss

• Accessories :

- **Extra Long (25mm) Driver Tip Available**

Length	⬡ 1.2mm Hex (Green)	⬡ 1.25mm Hex (Blue)	☆ ITI/SCS (Purple)	☆ Star/Unigrip (Yellow)
25mm	IHEDR1225	IHEDR12525	ISCDR1725	IUNDR1725
15mm	IHEDR1215	IHEDR12515	ISCDR1715	IUNDR1715
10mm	IHEDR1210	IHEDR12510	ISCDR1710	IUNDR1710

SKU # for Individual Driver Tip

Other Instrument

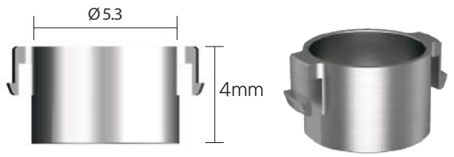
1) ONEDAY TORQUE 10

Torque (Range)
0- 20Ncm

2) ONEDAY TORQUE 40

Torque (Range)
0- 40Ncm

3) Guide sleeve



Model
GS5304

Part 3

Dental Equipment

EXPlasma nano

EXPlasma nano

TECHNICAL SPECIFICATION

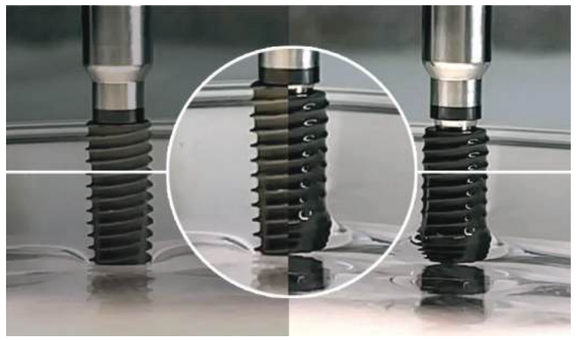
Size : 150 X 354 X 267 mm

Weight : 8kg

Cycle time : 60~120 sec

Hydrocarbon Removal

When the maximum torque setting is reached during motor operation, the motor rotates in reverse at a speed of 20 rpm. When the foot is on the footrest switch, the motor stops and presses again to drive forward rotation.



Before the Treatment

After the Treatment

Solution

- Removal of surgace impurities by plasma treatment in EXPlasma nanotm before fixture placement.
- Secured fixture™ hydrophilicity after removing surface impurities through plasma treatment in EXPlasma nano.

Plasma One

Plasma treatment

- Super-clean surface
- Hydrophilic to attract blood
- Enhanced osseointegration
- Higher blood attractability for bone graft

TECHNICAL SPECIFICATION

Size : 168 X 340 X 254 mm

Weight : 6kg

Cycle time : 50 sec

01 Plasma one is a novel vacuum plasma device to removes contaminants such as hydrocarbons which contributes to enhance osseointegration efficacy of implant fixture.

02 Bio-RAP™ cycle of ACTILINK has been validated to increase attachment, proliferation, and differentiation of osteoblast cells as well as the adsorption of protein.

03 Plasma one makes high-performance implant surfaces more perfect.
* Bio-RAP™M (Regenerative Activation by Plasma)

Implant Motor

Implant Surgical Engine

- Sterilizable and Reusable Irrigation tube
- Auto calibration function
- Max 80N.com (32:1 gear handpiece)
- It shows LED functioning within motor during the motor operation
- Program modes
- Memory function
- Optic motor

TECHNICAL SPECIFICATION

Size : 285X250X120mm

Max.Speed : ~40,000rpm

Thread Cutting Function

When the maximum torque setting is reached during motor operation, the motor rotates in reverse at a speed of 20 rpm. When the foot is on the footrest switch, the motor stops and presses again to drive forward rotation.

Torque Driver

Electric Wireless Torque Driver

- Accurate & Fast
- Reliable & Strong
- User - Friendly

TECHNICAL SPECIFICATION

Size : 30 X 28 X 200 mm

Weight : 150g

Speed range : 5,10,15,20,25,30,35 N.cm ± 10%

35 N·cm / 60 rpm

01 Prosthetic screw connection all in one

02 Easily use when orthodontic mini screw inserted

03 Accurate and quick setup

OnedayDent Scanner

OnedayDent Scanner

- No Powder
  (You can scan comfortably without powder)
- HD Scanning
- Fast Speed
- Accurate Scanning

TECHNICAL SPECIFICATION

Size : 263.5 X 43 X 49.4 mm

Weight : 280g (only handpieceweight)

01 Open System

It supports an open type file format that is compatible with any device and allows collaboration with dental labs and other partners.

02 Full Color

in the mouth.
It provides a real color scan that can distinguish between teeth and soft tissue

03 Ergonomic Design

Stable center of gravity design and grip feeling for user consideration make scanning more comfortable.

Face Scan

Face Scan

- 0.5-second one-shot quick scan
- Full DSD (Digital Oral Design) solution helps a more accurate diagnosis
- Delivery of accurate data and requirements for dental laboratories
- High resolution camera and optimal lighting

TECHNICAL SPECIFICATION

Size : 813 X 400 X 550 mm
32 X 15.7 X 21.6 in

Resolution : 2 Mega Pixel

White LED CCT : 5700 K

01 Various uses, infinite possibilities

02 Outstanding Product Design

03 Open system to support diverse environments

3D Printer

RAYDENT Studio 600

- Fast Printing
- High Accuracy
- Powerful Solution
- Chair Side
- XY Resolution at 47㎛
- Thickenss 50,100㎛

TECHNICAL SPECIFICATION

Size : 310 x 210 x 370 mm
12.2 X 8.3 X 14.6 in
Weight 6.5kg / 14.3 lbs
Operating 5 ~ 35 ℃
Temperature 41 ~ 95 °F

01 Temporary crowns and bridges
Printing time 20-25 min

02 Surgical guides
Printing time 40-50 min / Half 25-30 min

03 Dental Models
Printing time 40-50 min

Milling Machine

The highest precision dental milling machine

- SThe best Milling Machine for dental clinics
- Easy tool change & Easy maintenance
- Internal circulation system

TECHNICAL SPECIFICATION

Grinding Method :
Driver controlling 4 + 2 Axis
Two-way process by 2 burs at once
Type : Grinding, Wet
(Including air pump, water circulating system)
Size : 690X439X557 mm
Weight : 60kg

01 One visit treatment
We propose customized treatment for busy office workers and medical tourists.

02 Powerful Speed
Inlay/Onlay whithin 9 mins & Single crown whithin 13 mins

03 Various materials & Various range of prosthetics
- Various materials from resin hybrid block to Lithium disilicate block
- Possible 3 bridge cases by 40mm block
- Possible 300㎛ veneer

Milling Machine

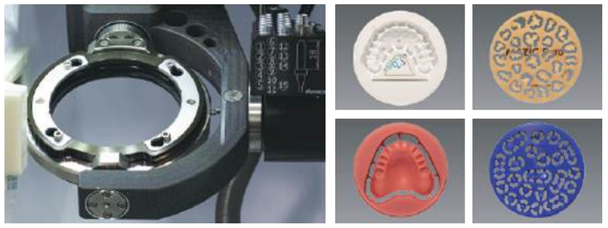
ZX-5SD

5-Axis Zirconia, PMMA, Wax, Hybrid resin

Optimized for Zirconia milling

ZX-5SD SPECIFICATION

Dimensions L/W/H(mm)	600X600X860
Weight	120kg
Electrical connection value	110/220V, 50~60Hz
Spindle(W)	500W
Motor speed(rpm)	30,000 min-1
Compressed air	6bar 50L/min
Tool holder(EA)	15
Chuck(mm)	4
Axes	5
Table	Option
Dust collector	Option



MATERIALS AND INDICATIONS

Indications	Zirconia	PMMA	WAX	Hybrid Ceramic	Sinter metal
Coping	○	○	○		○
Coping Bridge	○	○	○		○
Crown	○	○	○	○	○
Crown Bridge	○	○	○		○
Link Angle Abutment	○				
Link Abutment	○	○	○		
Abutment Crown	○	○	○		○
Abutment Crown Bridge	○	○	○		○
Inlay /Onlay	○	○	○	○	
Bitesplint		○			
Partial Frame		○			
Veneer	○				

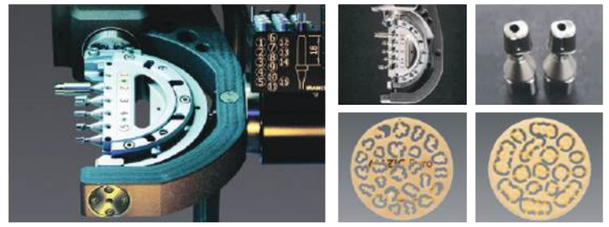
ZX-5SW

5-Axis Metal milling machine

Optimized for Custom abutment milling

ZX-5SW SPECIFICATION

Dimensions L/W/H(mm)	600X600X880
Weight	123kg
Electrical connection value	110/220V, 50~60Hz
Spindle(W)	500W
Motor speed(rpm)	30,000 min-1
Compressed air	6bar 50L/min
Tool holder(EA)	15
Chuck(mm)	6
Axes	5
Table	Prepared
Coolant water tank	Prepared



MATERIALS AND INDICATIONS

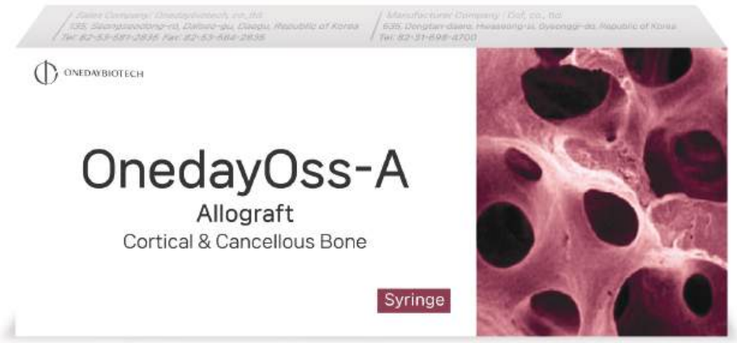
Indications	Titanium & CoCr	Pre-milled	PMMA	WAX	Hybrid Ceramic
Coping	○		○	○	
Coping Bridge	○		○	○	
Crown	○		○	○	○
Crown Bridge	○		○	○	
Abutment (Cylinder Stock)		○			
Abutment Crown	○		○	○	○
Abutment Crown Bridge	○		○	○	
Inlay /Onlay				○	○
Bitesplint			○		
Bar	△				

Part 4

GBR & Materials

Allograft

Allograft OnedayOss-A



Advantages

No risk of infection from Strict donor management at the human tissue bank
Use low-temperature method to minimize loss of osteogenic factors
Optimized design of growth factors and other proteins and minerals
Excellent result due to optimal osteoinduction and osteoconduction

CC	Product Code	Bone Ratio
0.3	TBB51097	Cortical Bone 50%
0.6	TBB55097	Cancellous Bone 50%
1.0	TBB54097	

3D Printing Materials

RAYDENT C&B

For temporary crowns & bridges

The material is easy to clean and polish and compatible with general relining composite materials.

- Biocompatible Class IIa resin
- Water washable
- Low viscosity
- High abrasion resistance
- Breaking and flexural resistant
- Natural tooth shade
- Wavelength : 405nm

RAYDENT SG

For surgical guides

The Surgical guides that enable accurate Drilling and implant placement,
So they best assist your implant surgeries.
The material is easy to clean and polish.

- Biocompatible Class I resin
- Water washable
- Low viscosity
- Breaking and flexural resistant
- Wavelength : 405nm

RAYDENT DM

For dental models

The material delivers a highly accurate Dental model for various dental purposes

- Low viscosity
- Prosthetic
- Orthodontic
- Thermoforming
- Wavelength : 405nm

RAYDENT TRAY

For individual trays

The individual trays that a better fit than stock trays. Less impression material needed, and more accurate impression Because of a better fit. The material is easy to clean and polish.

- Biocompatible Class I resin
- Water washable
- Low viscosity
- Breaking and flexural resistant
- Wavelength : 405nm

ONEDAYBIOTECH IMPLANT

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