Evidence
based implantology

22 YEARS ANNIVERSARY
2002-2024

Evidence
based implantology

Evidence Based Evolution

During this period, more than ten different implant systems have been utilized with over 50 different implant designs.

Having been exposed to such a variety of implant systems and designs, we have had the opportunity to critically compare and assess these systems with our long term clinical experience and supported by evidence based literature reviews.

Evidence Based Revolution

Combining the experience and the knowledge gained, our goals of implant placement and restoration now include an implant that is integrated into natural bone.

The implant should achieve superior long-term esthetic results, it should be compatible with the surrounding soft tissue and it should be made out of titanium.

We designed this new implant in an attempt to satisfy the above goals in order to provide the best results.

This design is a distinctly different concept in the evolution of previous designs by ITI, Astra, Nobel Biocare and 3i and also presents a revolutionary design that integrates the best of all available designs.

Evidence based implantology Internal Implant System provides the perfect satisfaction of both dentists and patients through Evidence Based Evolution & Revolution

CONTENTS

Surface

BLT II OS Tapered & Precision II System

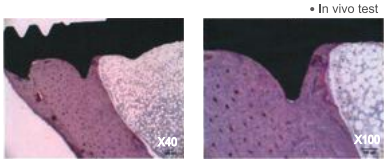
Evidence based implantology has been performing the washing maintenance continually and thus harmful organics like Al and etc. are not detected on the implant surface. Also very little ion was detected comparing other companies.

Faster Healing with SLA Surface

Allow early loading (6 wks), Sand-blasted with Large grit and Acid etched Ra : 1.5 – 3.0

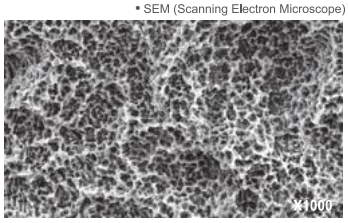
Higher bone-to-implant contact

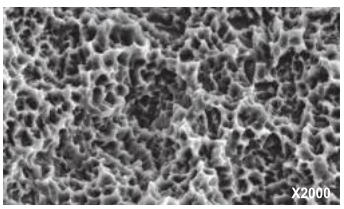
• In vivo test



SLA surface treatment

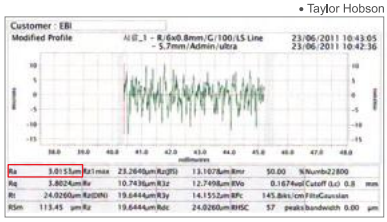
• SEM (Scanning Electron Microscope)



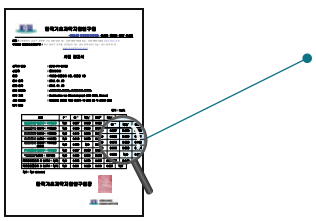


Optimal surface roughness

• Taylor Hobson



Analysis of the Elements on the surface with ICP/IC



(mg/L)

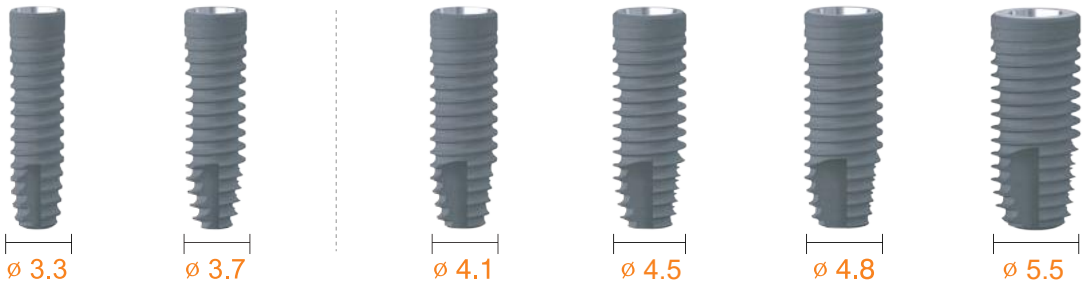
Sample \ Element	F^-	Cl^-	NO_2^-	SO_4^{2-}	NO_3^-	PO_4^{3-}
Evidence based implantology	N.D	N.D	N.D	N.D	0.013	N.D
Company "A"	N.D	0.034	0.030	0.019	0.021	N.D
Company "B"	N.D	0.081	0.026	0.015	0.029	N.D

N.D : Not Detected

Implant System

HEX

BLT II OS Tapered Implant

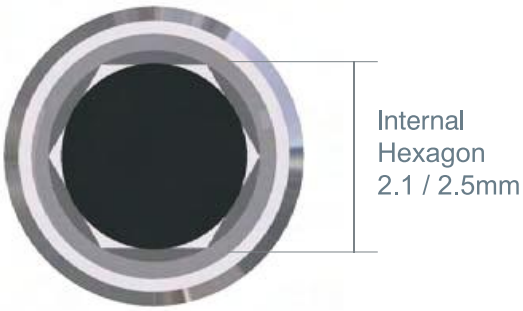


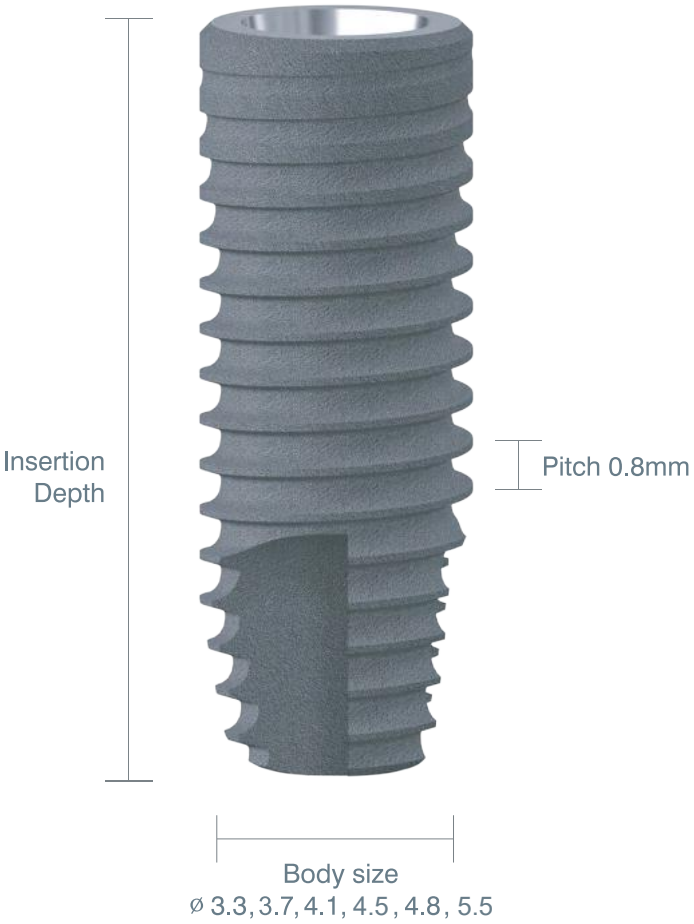
OCTA

Precision II Implant

Bone Level Tapered Implant

BLT II OS Tapered System SLA Surface



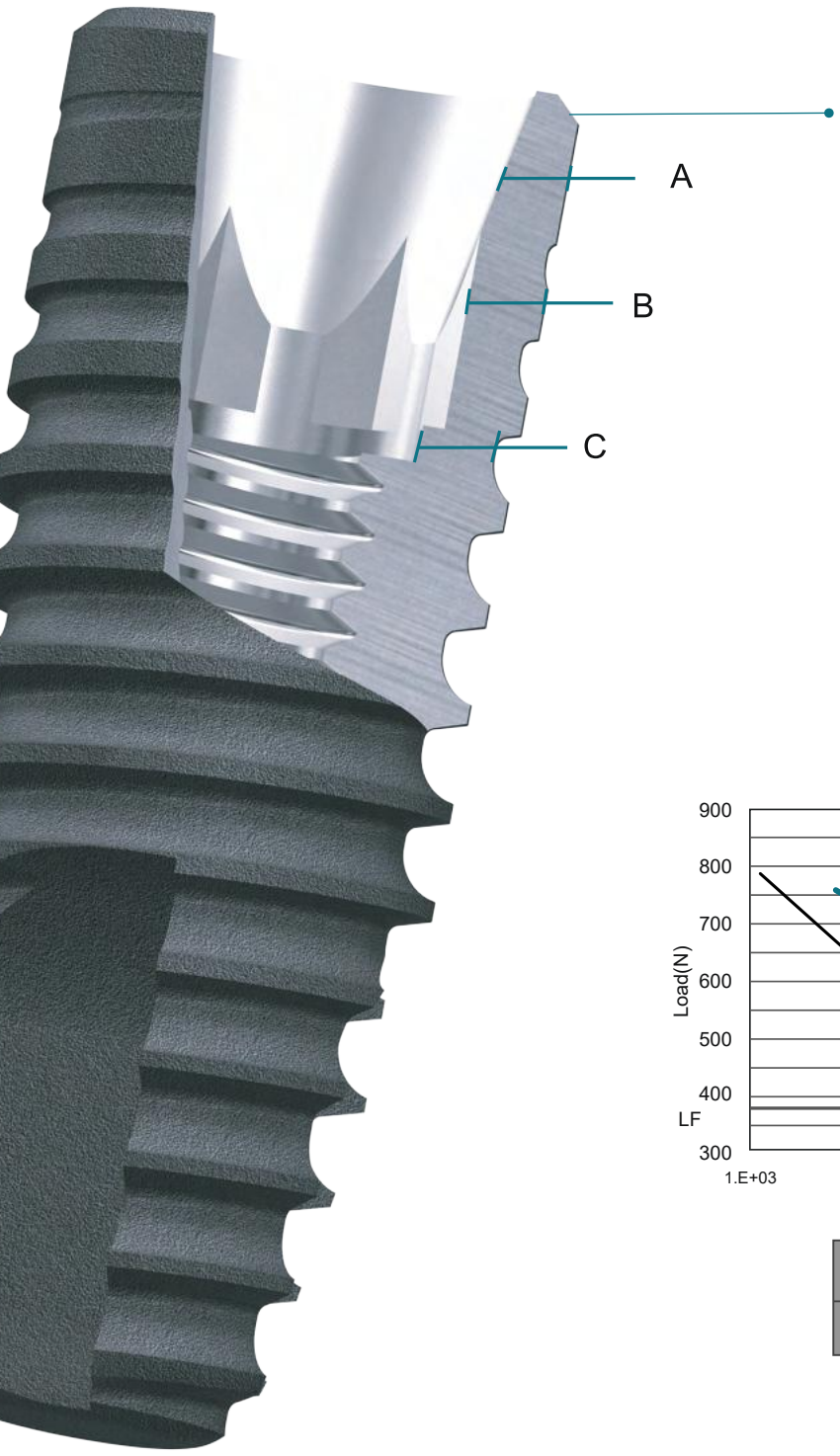


Distinguished Features of BLT II OS Tapered

SLA Surface

Internal Hexagon/11° Taper Connection

Internal Hexagon makes the abutment be placed in its direction and Taper offers the friction locking connection



Remarkable Precision

Excellent connection between interface implant and abutment, screw

High compressive strength

BLTII OS fixtures have wide parallel-wall design, making them more resistant to fracture than most of other commercialized fixtures.

[Wall thickness]

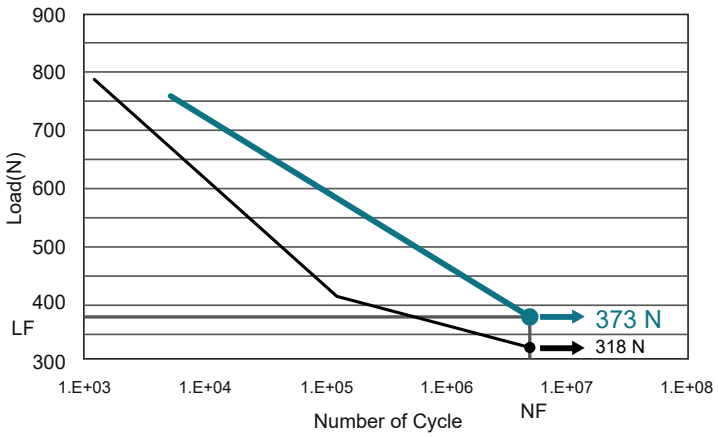
Small size (unit : mm)

	Company A	Company B	BLT II OS Ø3.3
A	0.341mm	0.323mm	**0.394mm**
B	0.197mm	0.254mm	**0.468mm**
C	0.324mm	0.415mm	**0.457mm**

Regular size (unit : mm)

	Company A	Company B	BLT II OS Ø4.1
A	0.476mm	0.431mm	**0.491mm**
B	0.321mm	0.354mm	**0.607mm**
C	0.466mm	0.515mm	**0.587mm**

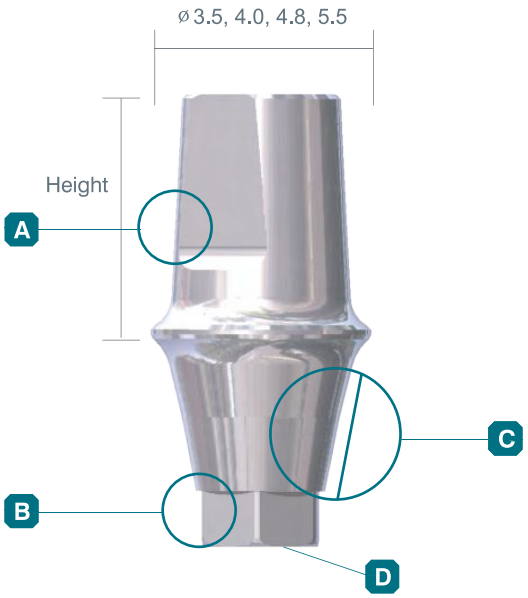
[Fatigue test]



System	Company A (Ø3.5)	Company B (Ø3.6)	BLT II OS (Ø3.3)
Fatigue limit	360.3N	318.2N	**373N**

Abutment Series

BLT OS BestDuo Abutment
(for BLT II OS Tapered Implant)



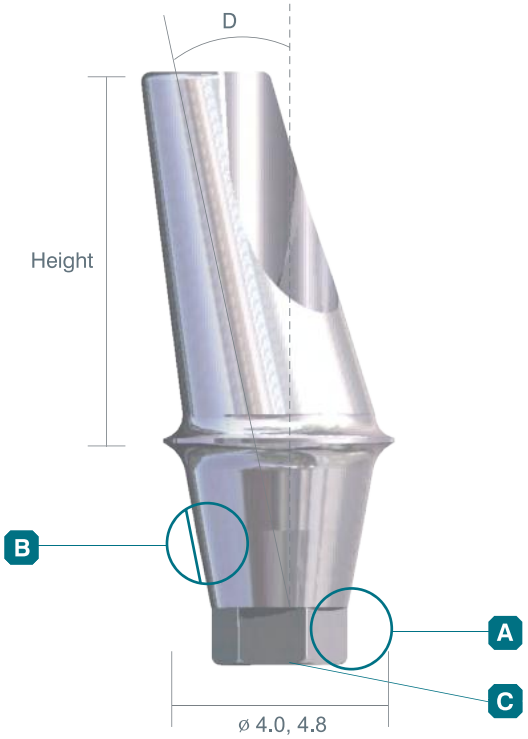
A Triangle Cut
Reinforces bonding and prevents the crown from rotating

B Indexed Hexagon Connection
Hexagon connection prevents the abutment from rotating and makes it be placed easily in it's direction

C 11° Taper connection
Taper connection between the implant and the abutment offers the friction locking and sealing

D Two Piece Abutment

BLT OS BestAngled Abutment
(for BLT II OS Tapered Implant)



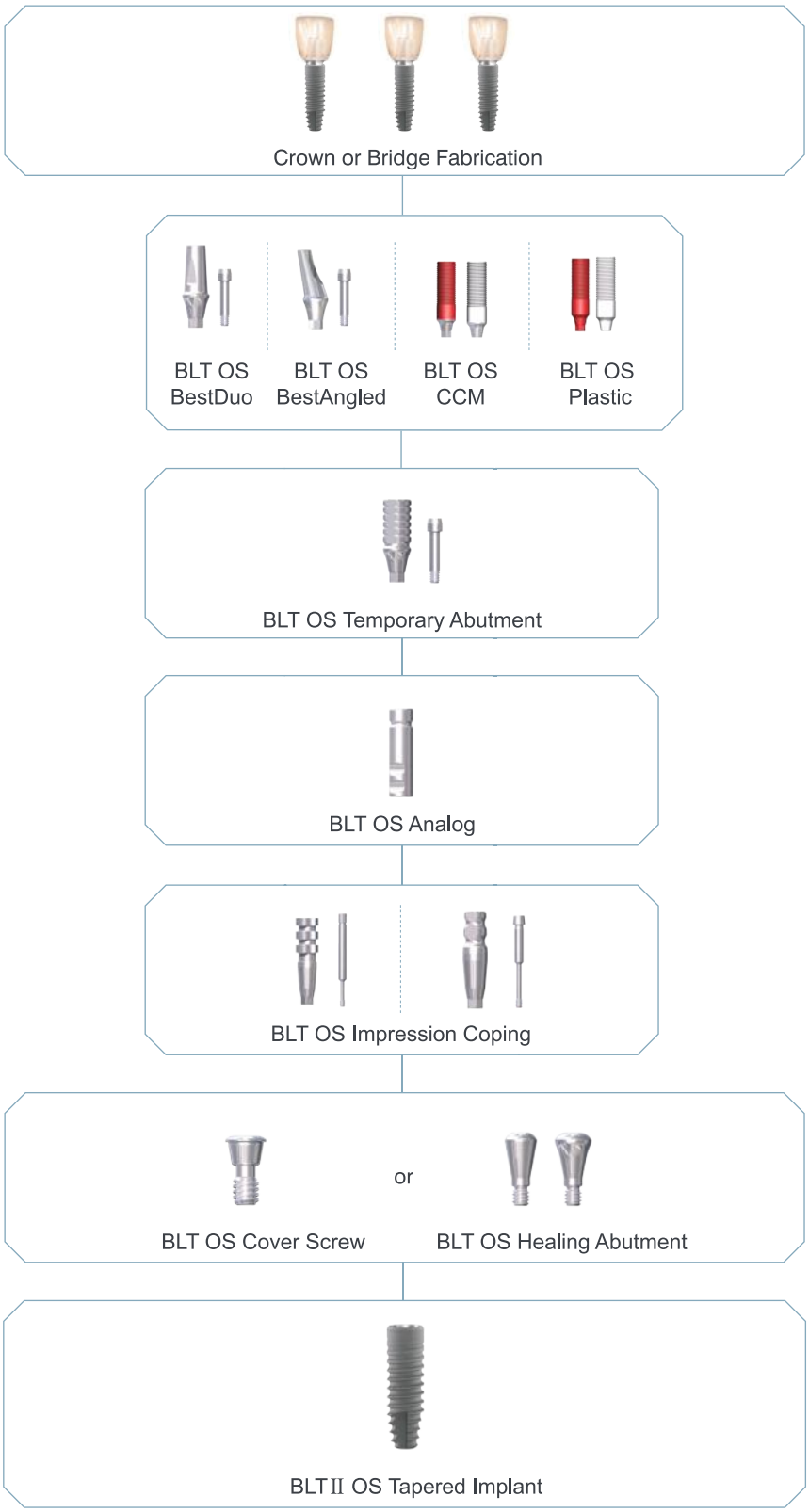
A Indexed Hexagon Connection
Hexagon connection prevents the abutment from rotating and makes it be placed easily in it's direction

B 11°Taper connection
Due to 11° conical seal, easy penetration and proliferation of bacteria are prevented, The effect of prevention of screw loosening is excellent

C Two Piece Abutment

Abutment & Prosthetic Options

Flow Chart _ BestDuo / BestAngled / CCM / Plastic

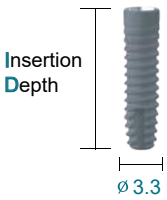
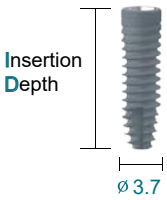
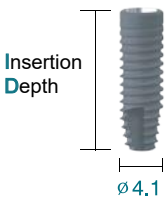
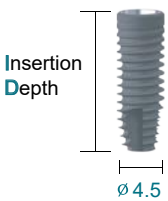
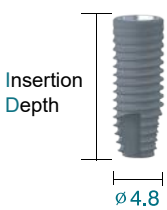
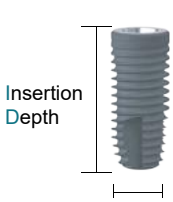


Abutment & Prosthetic Options

Flow Chart _ Denture / BestSolid / BestOcta

Fixture Size

(unit : mm)

	Body Size ø	Insertion Depth	Code	
3.3 HEX	3.3	9	OBLHMS **3309T**	
		11	OBLHMS **3311T**	
		13	OBLHMS **3313T**	
		15	OBLHMS **3315T**	
3.7 HEX	3.7	9	OBLHMS **3709T**	
		11	OBLHMS **3711T**	
		13	OBLHMS **3713T**	
		15	OBLHMS **3715T**	
4.1 HEX	4.1	7	OBLHRS **4107T**	
		9	OBLHRS **4109T**	
		11	OBLHRS **4111T**	
		13	OBLHRS **4113T**	
		15	OBLHRS **4115T**	
4.5 HEX	4.5	7	OBLHRS **4507T**	
		9	OBLHRS **4509T**	
		11	OBLHRS **4511T**	
		13	OBLHRS **4513T**	
		15	OBLHRS **4515T**	
4.8 HEX	4.8	7	OBLHRS **4807T**	
		9	OBLHRS **4809T**	
		11	OBLHRS **4811T**	
		13	OBLHRS **4813T**	
		15	OBLHRS **4815T**	
5.5 HEX	5.5	7	OBLHRS **5507T**	
		9	OBLHRS **5509T**	
		11	OBLHRS **5511T**	
		13	OBLHRS **5513T**	
		15	OBLHRS **5515T**	

• Supplied with Cover Screw. (Product code : OCSM, OCSR)

Surgical Guide Color code

ø 3.3 ø 3.7 ø 4.1 ø 4.5 ø 4.8 ø 5.5

Cover Screw

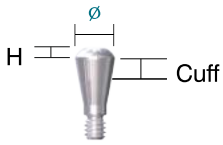
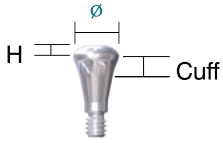
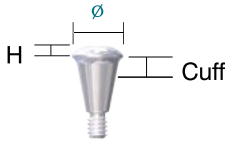
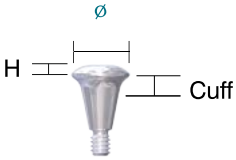
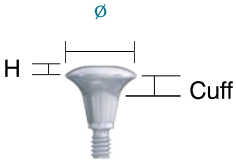
(unit : mm)

	Type	Code	
3.3 HEX 3.7 HEX	Mini	OCSM	 
4.1 HEX 4.5 HEX 5.5 HEX 4.8 HEX	Regular	OCSR	 

- BLT OS Cover Screws use the 1.27 HEX Driver.

Healing Abutment

(unit : mm)

	Diameter ø	Cuff	Height	Code	
3.3 HEX 3.7 HEX	3.5	1 2 3 4 5 6 7	1	OHAM **3511** OHAM **3521** OHAM **3531** OHAM **3541** OHAM **3551** OHAM **3561** OHAM **3571**	 
3.3 HEX 3.7 HEX	4.0	1 2 3 4 5 6 7	1	OHAM **4011** OHAM **4021** OHAM **4031** OHAM **4041** OHAM **4051** OHAM **4061** OHAM **4071**	 
4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX	4.8	1 2 3 4 5 6 7	1	OHAR **411** OHAR **421** OHAR **431** OHAR **441** OHAR **451** OHAR **461** OHAR **471**	 
4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX	5.5	1 2 3 4 5 6 7	1	OHAR **511** OHAR **521** OHAR **531** OHAR **541** OHAR **551** OHAR **561** OHAR **571**	 
4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX	6.5	1 2 3 4 5 6 7	1	OHAR **611** OHAR **621** OHAR **631** OHAR **641** OHAR **651** OHAR **661** OHAR **671**	 

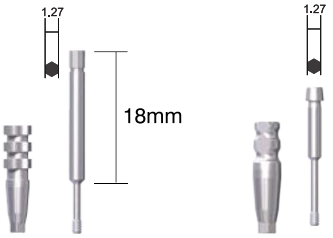
- BLT OS Healing Abutments use the 1.27 HEX Driver.

Restoration Component

Impression Coping

3.3 HEX 3.7 HEX

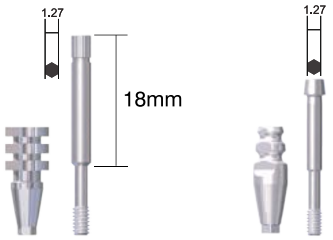
Open tray	ONOICM
Closed tray	ONOICTM



Impression Coping

4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX

Open tray	ONOICR
Closed tray	ONOICTR



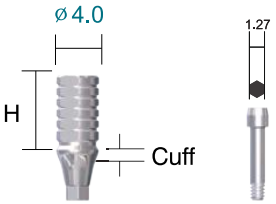
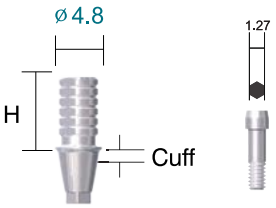
- BLT OS Impression Copings use the 1.27 HEX Driver.
- Supplied with Impression Coping Guide Pin.
  - Product code : Open tray-ONOICGM / Closed tray-ONOICTGM
    : Open tray-ONOICGR / Closed tray-ONOICTGR

Analog

3.3 HEX 3.7 HEX	OBLHLAM
4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX	OBLHLAR

Temporary Abutment

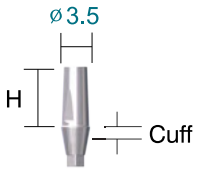
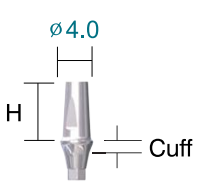
(unit : mm)

	Diameter ø	Cuff	Height	Code	
3.3 HEX 3.7 HEX	4.0	1	7	OTAM **4017**	
		3	7	OTAM **4037**	
4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX	4.8	1	7	OTAR **417**	
		3	7	OTAR **437**	

- Use the 1.27 HEX Driver.
- Supplied with Screw. (Product code : ONOASM, ONOASR)
- We have non-hex type. (Product code : OTAMN, OTARN)

BestDuo Abutment

(unit : mm)

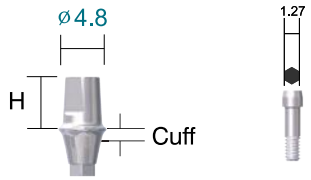
	Diameter ø	Cuff	Height	Code	
3.3 HEX 3.7 HEX	3.5	1	5	ONOAM **3515**	 
			7	ONOAM **3517**	
		2	5	ONOAM **3525**	
			7	ONOAM **3527**	
		3	5	ONOAM **3535**	
			7	ONOAM **3537**	
		4	5	ONOAM **3545**	
			7	ONOAM **3547**	
		5	5	ONOAM **3555**	
			7	ONOAM **3557**	
3.3 HEX 3.7 HEX	4.0	1	5	ONOAM **4015**	 
			7	ONOAM **4017**	
		2	5	ONOAM **4025**	
			7	ONOAM **4027**	
		3	5	ONOAM **4035**	
			7	ONOAM **4037**	
		4	5	ONOAM **4045**	
			7	ONOAM **4047**	
		5	5	ONOAM **4055**	
			7	ONOAM **4057**	

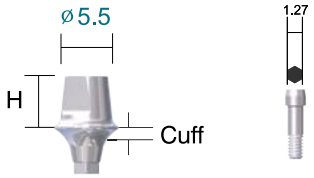
- BLT OS BestDuo Abutments use the 1.27 HEX Driver.
- Supplied with Screw. (Product code : ONOASM)
- We have non-hex type. (Product code : ONOAMN)

BestDuo Abutment

(unit : mm)

	Diameter ø	Cuff	Height	Code
4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX	4.8	1	5	ONOAR **415**
			7	ONOAR **417**
		2	5	ONOAR **425**
			7	ONOAR **427**
		3	5	ONOAR **435**
			7	ONOAR **437**
		4	5	ONOAR **445**
			7	ONOAR **447**
		5	5	ONOAR **455**
			7	ONOAR **457**
4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX	5.5	1	5	ONOAR **515**
			7	ONOAR **517**
		2	5	ONOAR **525**
			7	ONOAR **527**
		3	5	ONOAR **535**
			7	ONOAR **537**
		4	5	ONOAR **545**
			7	ONOAR **547**
		5	5	ONOAR **555**
			7	ONOAR **557**



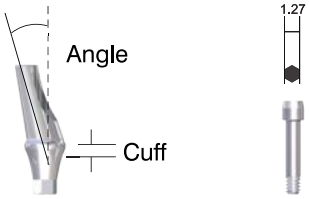


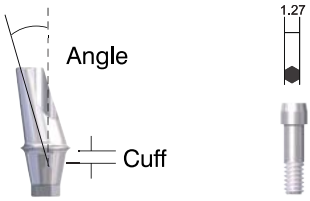
- BLT OS BestDuo Abutments use the 1.27 HEX Driver.
- Supplied with Screw. (Product code : ONOASR)
- We have non-hex type. (Product code : ONOARN)

BestAngled Abutment

(unit : mm)

	Angle	Cuff	Code
3.3 HEX 3.7 HEX	15°	1	OBAAM **4011**
		2	OBAAM **4021**
		3	OBAAM **4031**
		4	OBAAM **4041**
		5	OBAAM **4051**
	25°	1	OBAAM **4012**
		2	OBAAM **4022**
		3	OBAAM **4032**
		4	OBAAM **4042**
		5	OBAAM **4052**
4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX	15°	1	OBAAR **411**
		2	OBAAR **421**
		3	OBAAR **431**
		4	OBAAR **441**
		5	OBAAR **451**
	25°	1	OBAAR **412**
		2	OBAAR **422**
		3	OBAAR **432**
		4	OBAAR **442**
		5	OBAAR **452**



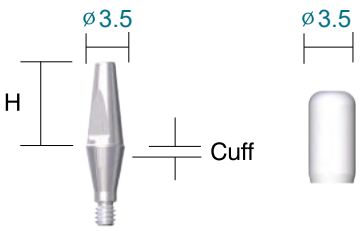


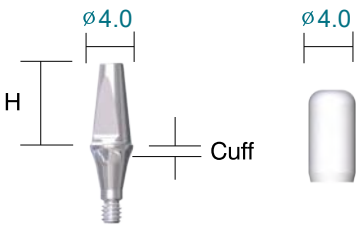
- BLT OS BestAngeld Abutments use the 1.27 HEX Driver.
- Supplied with Screw. (Product code : ONOASM, ONOASR)
- We have non-hex type. (Product code : OBAAMN, OBAARN)

BestSolid Abutment

(unit : mm)

	Diameter ø	Cuff	Height	Code
3.3 HEX 3.7 HEX	3.5	1	4.5	ONSAM **3514**
			7.5	ONSAM **3517**
		2	4.5	ONSAM **3524**
			7.5	ONSAM **3527**
		3	4.5	ONSAM **3534**
			7.5	ONSAM **3537**
		4	4.5	ONSAM **3544**
			7.5	ONSAM **3547**
		5	4.5	ONSAM **3554**
			7.5	ONSAM **3557**
3.3 HEX 3.7 HEX	4.0	1	4.5	ONSAM **4014**
			7.5	ONSAM **4017**
		2	4.5	ONSAM **4024**
			7.5	ONSAM **4027**
		3	4.5	ONSAM **4034**
			7.5	ONSAM **4037**
		4	4.5	ONSAM **4044**
			7.5	ONSAM **4047**
		5	4.5	ONSAM **4054**
			7.5	ONSAM **4057**



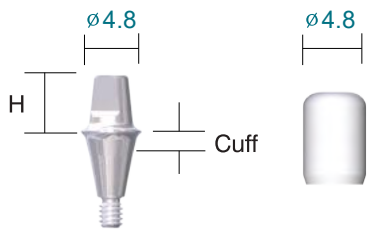


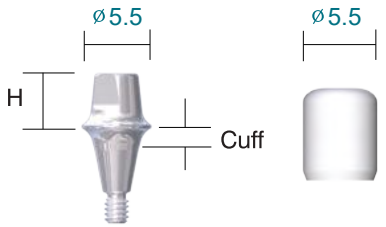
- Ø3.5 / Ø4.0 BestSolid Abutments use the Solid Driver. (Product code : SDS48/SDL48)
- Supplied with Solid Protective Cap. (Product code : PSCM)

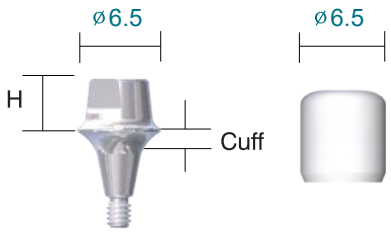
BestSolid Abutment

(unit : mm)

	Diameter ø	Cuff	Height	Code
4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX	4.8	1	4.5	ONSAR **414**
			7.5	ONSAR **417**
		2	4.5	ONSAR **424**
			7.5	ONSAR **427**
		3	4.5	ONSAR **434**
			7.5	ONSAR **437**
		4	4.5	ONSAR **444**
			7.5	ONSAR **447**
		5	4.5	ONSAR **454**
			7.5	ONSAR **457**
4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX	5.5	1	4.5	ONSAR **514**
			7.5	ONSAR **517**
		2	4.5	ONSAR **524**
			7.5	ONSAR **527**
		3	4.5	ONSAR **534**
			7.5	ONSAR **537**
		4	4.5	ONSAR **544**
			7.5	ONSAR **547**
		5	4.5	ONSAR **554**
			7.5	ONSAR **557**
4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX	6.5	1	4.5	ONSAR **614**
			7.5	ONSAR **617**
		2	4.5	ONSAR **624**
			7.5	ONSAR **627**
		3	4.5	ONSAR **634**
			7.5	ONSAR **637**
		4	4.5	ONSAR **644**
			7.5	ONSAR **647**
		5	4.5	ONSAR **654**
			7.5	ONSAR **657**



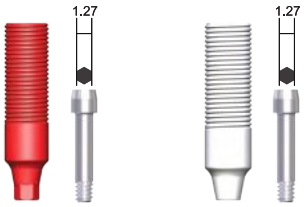
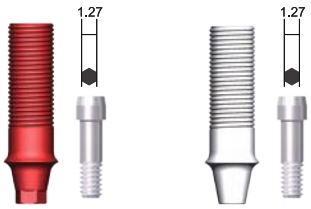




- Ø4.8 / Ø5.5 BestSolid Abutments use the Solid Driver. (Product code : Ø4.8 - SDS48/SDL48, Ø5.5 - SDS55/SDL55)
- Ø6.5 BestSolid Abutments use the 1.27 HEX Driver.
- Supplied with Solid Protective Cap. (Product code : Ø4.8 - PSC, Ø5.5/6.5 - PEC)

Plastic Abutment

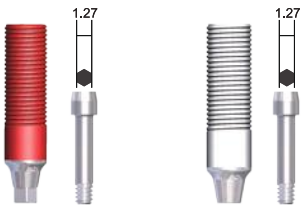
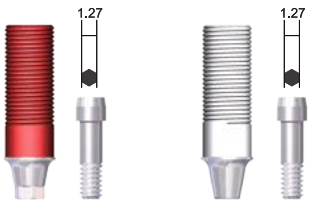
(unit : mm)

	Type	Code	
3.3 HEX 3.7 HEX	Crown (Red)	OPUMC **40**	
	Bridge (White)	OPUMB **40**	
4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX	Crown (Red)	OPURC	
	Bridge (White)	OPURB	

- Use the 1.27 HEX Driver.
- Supplied with Screw. (Product code : ONOASM, ONOASR).

CCM Abutment

(unit : mm)

	Type	Code	
3.3 HEX 3.7 HEX	Crown (Red)	OCUMC **40**	
	Bridge (White)	OCUMB **40**	
4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX	Crown (Red)	OCURC	
	Bridge (White)	OCURB	

- Use the 1.27 HEX Driver.
- Supplied with Screw. (Product code : ONOASM, ONOASR).

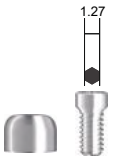
BestOcta Abutment

(unit : mm)

	Diameter ø	Cuff	Code	
4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX	4.8	1	OBOA **411**	 Cuff
		2	OBOA **421**	
		3	OBOA **431**	

- OS BestOcta Abutments use the Octa Driver.

Octa Protective Cap



SHC

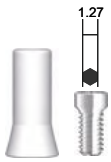
- Octa Protective Cap use the 1.27 HEX Driver.
- Supplied with Octa Protective Cap Screw. (Product code : SHCS)

Octa Impression Coping

Crown	SICO
Bridge	SICN

- Octa Impression Copings use the 1.27 HEX Driver.
- Supplied with Octa Impression Coping Guide Pin. (Product code : SICG10)

Octa Plastic Cylinder



Crown (Red)	POCC
Bridge (White)	POCB

- Octa Plastic Cylinders use the 1.27 HEX Driver.
- Supplied with Octa Protective Cap Screw. (Product code : SHCS)

Octa Analog

SLAOS
SLAOL

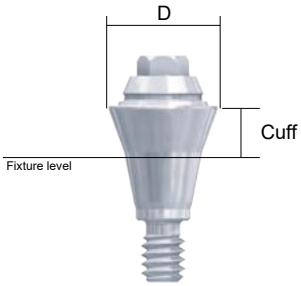
Denture Abutment

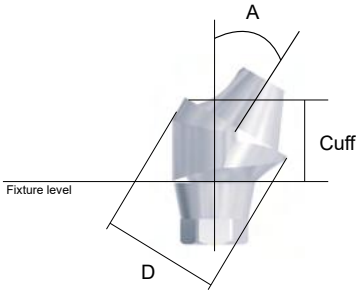
(unit : mm)

	Diameter ø	Cuff	Code	
3.3 HEX 3.7 HEX	4.0	1	OLOM **401**	 Cuff
		2	OLOM **402**	
		3	OLOM **403**	
		4	OLOM **404**	
		5	OLOM **405**	
4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX	4.8	1	OLOR **481**	 Cuff
		2	OLOR **482**	
		3	OLOR **483**	
		4	OLOR **484**	
		5	OLOR **485**	

- Use the 1.27 HEX Driver.

Multi-Unit Abutment





(unit : mm)

	Diameter Ø	Angle	Cuff	Code
3.3 HEX 3.7 HEX	4.8	0°	1 2 3 4 5	OMUAM010 OMUAM020 OMUAM030 OMUAM040 OMUAM050
		17°	2.5 3 4	OMUAM1725 OMUAM1730 OMUAM1740
		30°	3.5 4 5	OMUAM3035 OMUAM3040 OMUAM3050
4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX	4.8	0°	1 2 3 4 5	OMUAR010 OMUAR020 OMUAR030 OMUAR040 OMUAR050
		17°	2.5 3 4	OMUAR1725 OMUAR1730 OMUAR1740
		30°	3.5 4 5	OMUAR3035 OMUAR3040 OMUAR3050

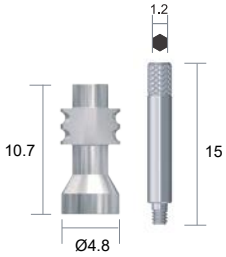
- Straight Multi-unit Abutments Use the Multi-unit Driver.
- Multi-unit Angled Abutments Use the 1.2 HEX Driver.
- Supplied with Screw. (Product code : OMUASM, OMUASR)

Components for Multi-Unit Abutment

Impression Coping

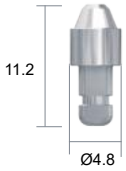
Open tray	OMUAIC

- Use the 1.2 HEX Driver.
- Supplied with Cylinder Screw. (Product code : OMUAGP)



Analog

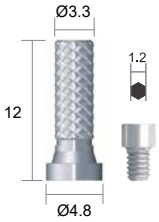
OMUALA



Temporay Cylinder

Non-Hex	OMUATC

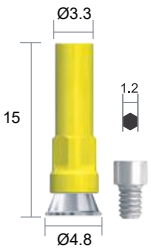
- Cylinder use the 1.2 HEX Driver.
- Supplied with Cylinder Screw. (Product code : OMUAS)



CCM Cylinder

Non-Hex	OMUACCM

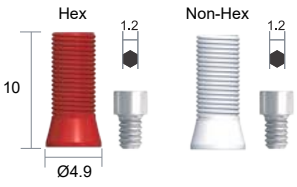
- Cylinder use the 1.2 HEX Driver.
- Supplied with Cylinder Screw. (Product code : OMUAS)



Plastic Cylinder

Hex	OMUAPCC
Non-Hex	OMUAPCB

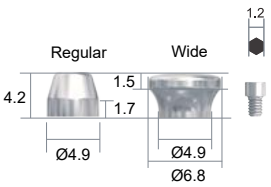
- Cylinder use the 1.2 HEX Driver.
- Supplied with Cylinder Screw. (Product code : OMUAS)



Healing Cap

Regular	OMUAHC
Wide	OMUAHCW

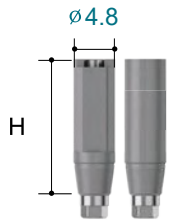
- Use the 1.2 HEX Driver.
- Supplied with Screw. (Product code : OMUAS)



Scan Abutment

(unit : mm)

	Diameter ø	Height	Code
3.3 HEX 3.7 HEX	4.0	9	OSGSSC 3110T
		13	OSGSSC 3111T
4.1 HEX 4.5 HEX 5.5 HEX 4.8 HEX	4.0	9	OSGSSC 3210T
		13	OSGSSC 3211T

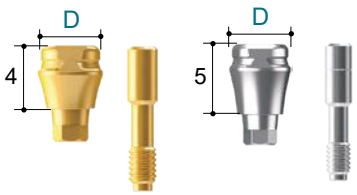


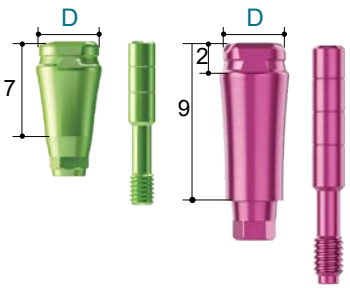
- These items are delivered with MEGAGEN packaging.
- Supporting DentalCAD : 3 Shape, exocad, Dental Wings.
- Recommend torque : By Hand (5~8Ncm)
- Use the 1.2 HEX Driver.
- Abutment Screw included.

Scan Healing Abutment

(unit : mm)

	Diameter ø	Height	Code
3.3 HEX 3.7 HEX	4.0	4	STMSH 4004T
		5	STMSH 4005T
		7	STMSH 4007T
		9	STMSH 4009T
4.1 HEX 4.5 HEX 5.5 HEX 4.8 HEX	5.0	4	STRSH 5004T
		5	STRSH 5005T
		7	STRSH 5007T
		9	STRSH 5009T
	6.0	4	STRSH 6004T
		5	STRSH 6005T
		7	STRSH 6007T
		9	STRSH 6009T
	7.0	4	STRSH 7004T
		5	STRSH 7005T
		7	STRSH 7007T
		9	STRSH 7009T



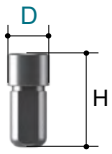


- These items are delivered with MEGAGEN packaging.
- Scannable Healing Abutment.
- For accurate scanning, Scan Healing Abument must be exposed at least 2.0mm from surgical site.
- Recommend torque : By Hand (5~8Ncm)
- Use the 1.2 HEX Driver.
- Abutment Screw included.

RP Analog

(unit : mm)

	Diameter ø	Height	Code
3.3 HEX / 3.7 HEX	3.7	9	OSRA 3709
4.1 HEX / 4.5 HEX / 5.5 HEX / 4.8 HEX	4.3	9	OSRA 4309

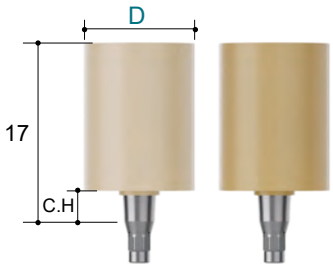


- These items are delivered with MEGAGEN packaging.
- For Chairside / Labside
- Supporting DentalCAD : 3 Shape, exocad

PMMA Abutment

(unit : mm)

	Color	Diameter ø	Cuff	Code
3.3 HEX / 3.7 HEX	Bright	8	0.6	STPAM0608B.MTN
			1.5	STPAM0612B.MTN
			3.0	STPAM0616B.MTN
		12	0.6	STPAM1508B.MTN
			1.5	STPAM1512B.MTN
			3.0	STPAM1516B.MTN
		16	0.6	STPAM3008B.MTN
			1.5	STPAM3012B.MTN
			3.0	STPAM3016B.MTN
	Dark	8	0.6	STPAM0608D.MTN
			1.5	STPAM0612D.MTN
			3.0	STPAM0616D.MTN
		12	0.6	STPAM1508D.MTN
			1.5	STPAM1512D.MTN
			3.0	STPAM1516D.MTN
		16	0.6	STPAM3008D.MTN
			1.5	STPAM3012D.MTN
			3.0	STPAM3016D.MTN

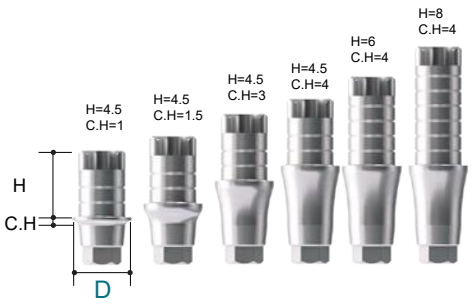


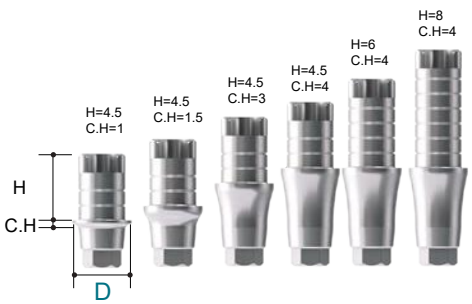
- These items are delivered with MEGAGEN packaging.
- Supporting DentalCAD : 3 Shape, exocad
- Supporting Milling Machine : Megagen Implant(BX5), ARUM DENTISTRY
- Recommend torque : Mini(20Ncm)
- Use the 1.2 HEX Driver.
- 1 set consists of 10 Abutments.
  - included spare Abutment Screw

ZrGEN Abutment

(unit : mm)

	Diameter ø	Cuff	Height	Code
3.3 HEX 3.7 HEX	4.0	0.6	4.5	OSGSPA3111.MTN
			6	OSGSPA3112.MTN
			8	OSGSPA3113.MTN
		1.5	4.5	OSGSPA3121.MTN
			6	OSGSPA3122.MTN
			8	OSGSPA3123.MTN
		3.0	4.5	OSGSPA3131.MTN
			6	OSGSPA3132.MTN
			8	OSGSPA3133.MTN
		4.0	4.5	OSGSPA3141.MTN
			6	OSGSPA3142.MTN
			8	OSGSPA3143.MTN
4.1 HEX 4.5 HEX 4.8 HEX 5.5 HEX	4.0	0.6	4.5	OSGSPA3211.MTN
			6	OSGSPA3212.MTN
			8	OSGSPA4018.MTN
		1.5	4.5	OSGSPA4025.MTN
			6	OSGSPA4026.MTN
			8	OSGSPA4028.MTN
		3.0	4.5	OSGSPA4035.MTN
			6	OSGSPA4036.MTN
			8	OSGSPA4038.MTN
		4.0	4.5	OSGSPA4045.MTN
			6	OSGSPA4046.MTN
			8	OSGSPA4048.MTN
	4.5	0.6	4.5	OSGSPA4515.MTN
			6	OSGSPA4516.MTN
			8	OSGSPA4518.MTN
		1.5	4.5	OSGSPA3221.MTN
			6	OSGSPA3222.MTN
			8	OSGSPA4528.MTN
		3.0	4.5	OSGSPA4535.MTN
			6	OSGSPA4536.MTN
			8	OSGSPA4538.MTN
		4.0	4.5	OSGSPA4545.MTN
			6	OSGSPA4546.MTN
			8	OSGSPA4548.MTN





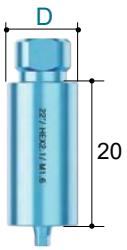
- Post Height can be checked by the number of Groove.
  - Post Height : 4.5mm -> Groove : 2ea
  - Post Height : 5mm -> Groove : 3ea
  - Post Height : 6mm -> Groove : 4ea
  - Post Height : 8mm -> Groove : 6ea

- These items are delivered with MEGAGEN packaging.
- Supporting DentalCAD : 3 Shape, exocad, Dental Wings
- Recommend torque : Regular(30Ncm), Mini(20Ncm)
- Use the 1.2 HEX Driver.
- 1 set consists of 10 Abutments.
  - included spare Abutment Screw
- We have Non-Hex type.

TiGEN Abutment

Standard / MegaGen type (unit : mm)

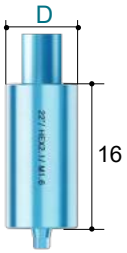
	Color	Diameter Ø	Type	Code
3.3 HEX, 3.7 HEX	Sky blue	10	Hex	OSTG3112.MTN
			Non-Hex	OSTG3112N.MTN
		12	Hex	OSTG3111.MTN
			Non-Hex	OSTG3111N.MTN
4.1 HEX, 4.5 HEX, 4.8 HEX, 5.5 HEX	Sky blue	10	Hex	OSTG3212.MTN
			Non-Hex	OSTG3212N.MTN
		12	Hex	OSTG3211.MTN
			Non-Hex	OSTG3211N.MTN



- These items are delivered with MEGAGEN packaging.
- Supporting DentalCAD : 3 Shape, exocad, Dental Wings
- Supporting Milling Machine : Megagen Implant(BX5), ARUM DENTISTRY
- Recommend torque : Regular(30Ncm), Mini(20Ncm)
- Use the 1.2 HEX Driver.
- 1 set consists of 10 Abutments.
  - included spare Abutment Screw

Standard / NT type (unit : mm)

	Color	Diameter Ø	Type	Code
3.3 HEX, 3.7 HEX	Sky blue	10	Hex	OSTGN3112.MTN
			Non-Hex	OSTGN3112N.MTN
		12	Hex	OSTGN3111.MTN
			Non-Hex	OSTGN3111N.MTN
4.1 HEX, 4.5 HEX, 4.8 HEX, 5.5 HEX	Sky blue	10	Hex	OSTGN3212.MTN
			Non-Hex	OSTGN3212N.MTN
		12	Hex	OSTGN3211.MTN
			Non-Hex	OSTGN3211N.MTN



- These items are delivered with MEGAGEN packaging.
- Supporting DentalCAD : 3 Shape, exocad
- Recommend torque : Regular(30Ncm), Mini(20Ncm)
- Use the 1.2 HEX Driver.
- 1 set consists of 10 Abutments.
  - included spare Abutment Screw

TiGEN Abutment

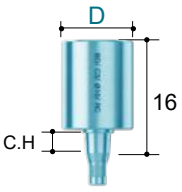
Standard / Medentika type (unit : mm)

	Color	Diameter Ø	Type	Code
3.3 HEX / 3.7 HEX	Sky blue	12	Hex Non-Hex	OSTGM3111.MTN OSTGM3111N.MTN
4.1 HEX / 4.5 HEX / 5.5 HEX / 4.8 HEX	Sky blue	12	Hex Non-Hex	OSTGM3211.MTN OSTGM3211N.MTN

- These items are delivered with MEGAGEN packaging.
- Supporting DentalCAD : 3 Shape, exocad
- Recommend torque : Regular(30Ncm), Mini(20Ncm)
- Use the 1.2 HEX Driver.
- 1 set consists of 10 Abutments.
  - included spare Abutment Screw

CUFF type (unit : mm)

	Color	Diameter Ø	Cuff	Code
3.3 HEX / 3.7 HEX	Sky blue	8	0.6 1.5 3.0	OSTGMR0608.MTN OSTGMR1508.MTN OSTGMR3008.MTN
		10	0.6 1.5 3.0	OSTGMR0610.MTN OSTGMR1510.MTN OSTGMR3010.MTN
		12	0.6 1.5 3.0	OSTGMR0612.MTN OSTGMR1512.MTN OSTGMR3012.MTN
4.1 HEX / 4.5 HEX / 5.5 HEX / 4.8 HEX	Sky blue	8	0.6 1.5 3.0	OSTGRR0608.MTN OSTGRR1508.MTN OSTGRR3008.MTN
		10	0.6 1.5 3.0	OSTGRR0610.MTN OSTGRR1510.MTN OSTGRR3010.MTN
		12	0.6 1.5 3.0	OSTGRR0612.MTN OSTGRR1512.MTN OSTGRR3012.MTN



- These items are delivered with MEGAGEN packaging.
- Supporting DentalCAD : 3 Shape, exocad
- Supporting Milling Machine : Megagen Implant(BX5), ARUM DENTISTRY
- Recommend torque : Regular(30Ncm), Mini(20Ncm)
- Use the 1.2 HEX Driver.
- 1 set consists of 10 Abutments.
  - included spare Abutment Screw

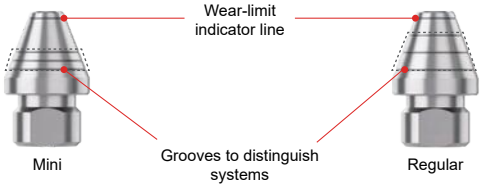
Reverse Jig Connector

(unit : mm)

	Type	Code	
3.3 HEX / 3.7 HEX	Hex	STTGRJM00P	
4.1 HEX / 4.5 HEX / 5.5 HEX / 4.8 HEX	Hex	STTGRJR00P	

- These items are delivered with MEGAGEN packaging.
- Supporting Milling Machine : Megagen Implant(BX5), ARUM DENTISTRY
- Recommend torque : 35Ncm , Dedicated Driver (DP-RV-TORQ-DRV) (option)
- When Connected counterpart to Reverse Jig use Allen Wrench.
  - Allen Key Size : 2.5mm
  - Dedicated Wrench (DP-HEX-TWLENCH) (option)
- Milling screws exclusively for Reverse Jig Connector are included.

*An example of grooves for different systems



Tissue Level Implant

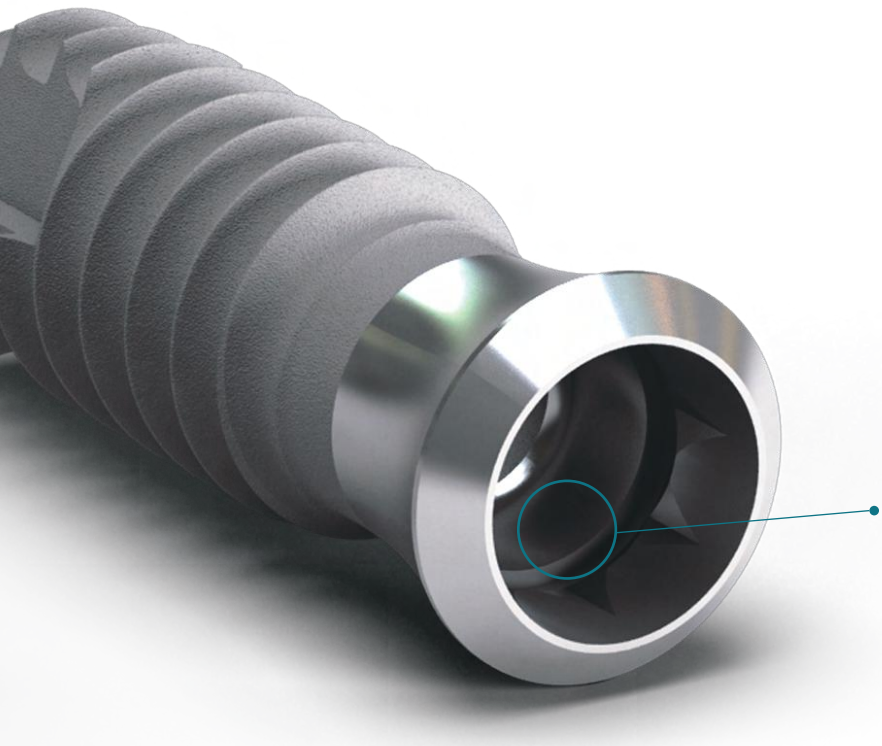
Precision II System SLA Surface

Distinguished Features of Precision II

SLA Surface

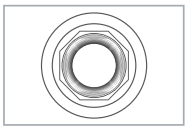
Excellent Cutting Edge

The self-tapping features make the implant be inserted easily and have the initial stability



Internal Octagon /8° Morse Taper Connection

Internal Octagon makes the abutment be placed in its direction and Morse Taper offers the friction locking connection

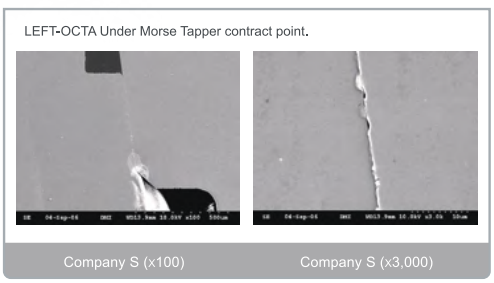


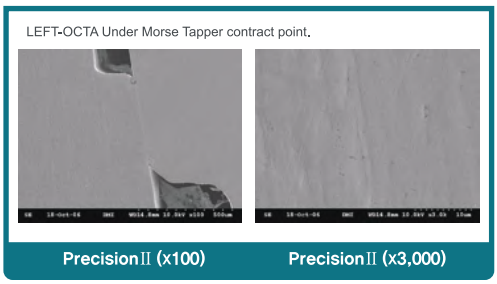
Mount Free System

Offering reduction of surgery time and providing the clinician with convenience

Comparison of the mechanical degree of precision and fitness

Result of the comparison with the Company "S" and Precision showed that the degree of precision and fitness of Precision fixture and abutment combination is more superior or equal.





One-Stage

One-Stage surgical operation process

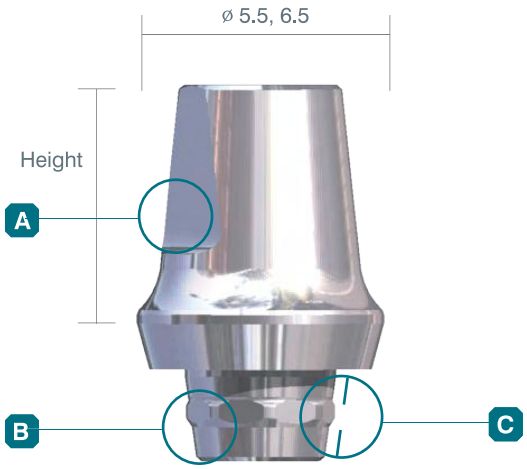
Two Collar Heights

Collar height is devided into 1.8mm, 2.8mm according to various tissue heights

Abutment Series

EpDuo Abutment

(for Precision II Implant)



A Triangle Cut

Reinforces bonding and prevents the crown from rotating

B Indexed Octagon Connection

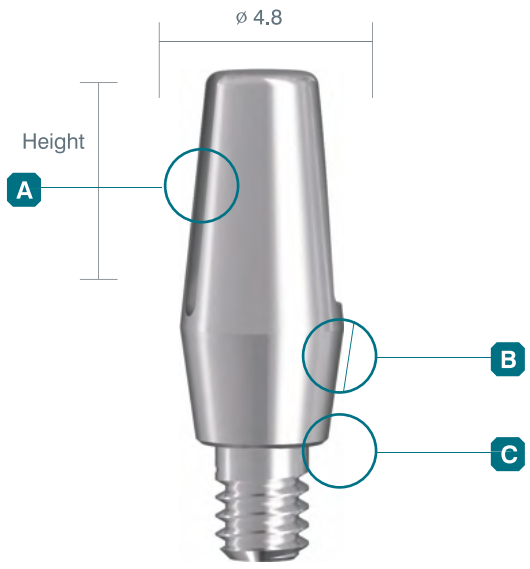
Octagon connection prevents the abutment from rotating and makes it be placed easily in it's direction

C Morse Taper

Morse taper connection between the implant and the abutment offers the friction locking and sealing

Solid Abutment

(for Precision II Implant)



A Triangle Cut

Reinforces bonding and prevents the crown from rotating

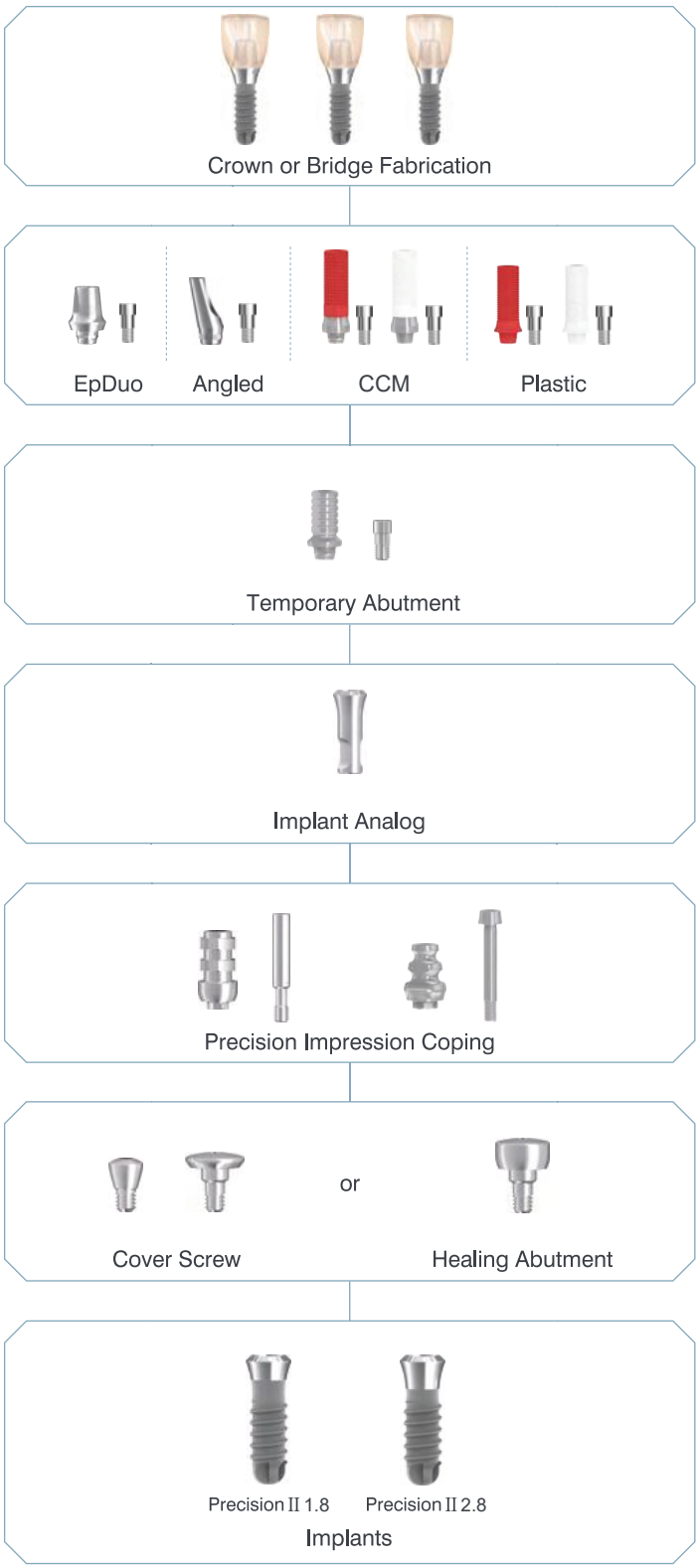
B Morse Taper

Morse taper connection between the implant and the abutment offers the friction locking and sealing

C One Piece Abutment

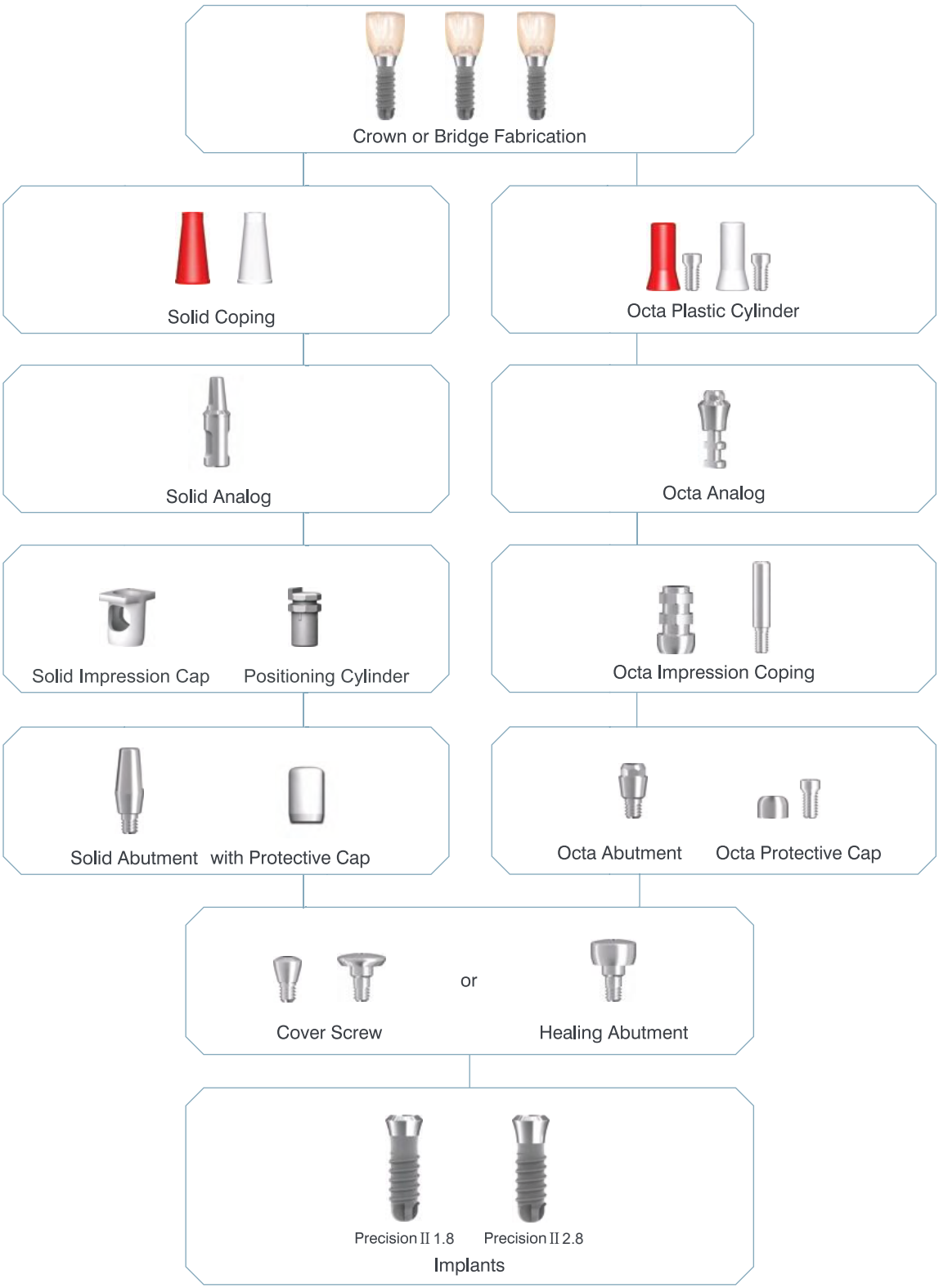
Abutment & Prosthetic Options

Flow Chart _ EpDuo / Angled / CCM / Plastic



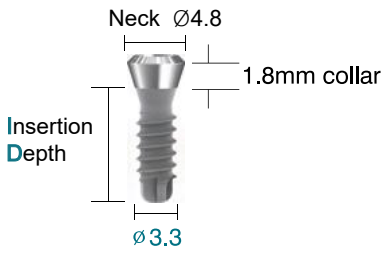
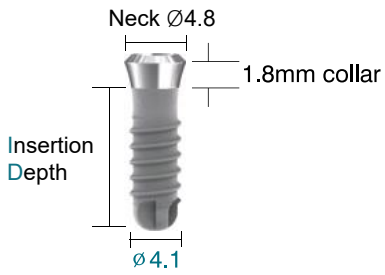
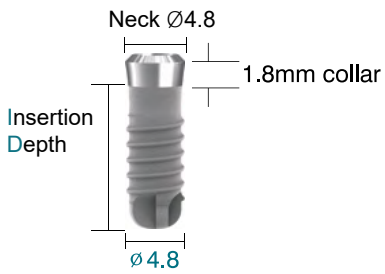
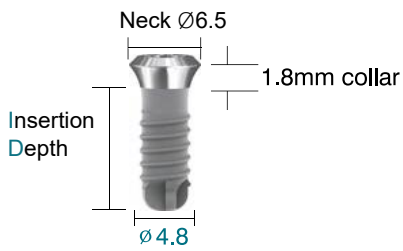
Abutment & Prosthetic Options

Flow Chart _ Solid / Octa



Fixture Size 1.8mm collar

(unit : mm)

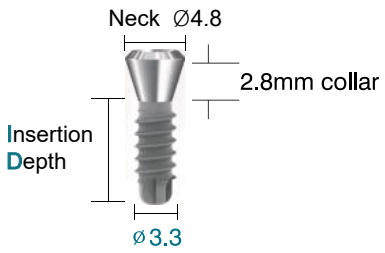
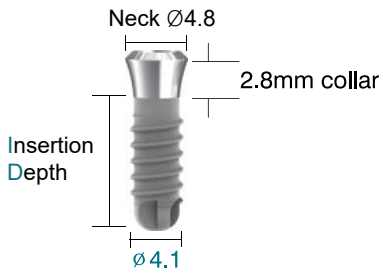
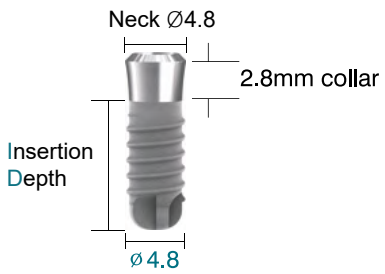
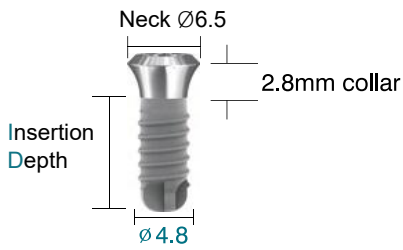
Neck Diameter	Collar	Body Size ø	Insertion Depth	Code	
4.8 OCTA	1.8	3.3	8	IRSS **3308**	
			10	IRSS **3310**	
			12	IRSS **3312**	
			14	IRSS **3314**	
4.8 OCTA	1.8	4.1	8	IRSS **4108**	
			10	IRSS **4110**	
			12	IRSS **4112**	
			14	IRSS **4114**	
4.8 OCTA	1.8	4.8	8	IRSS **4808**	
			10	IRSS **4810**	
			12	IRSS **4812**	
			14	IRSS **4814**	
6.5 OCTA	1.8	4.8 (Wide)	8	IWSS **4808**	
			10	IWSS **4810**	
			12	IWSS **4812**	
			14	IWSS **4814**	

Surgical Guide Color code

ø3.3 ø4.1 ø4.8 ø4.8W

Fixture Size 2.8mm collar

(unit : mm)

Neck Diameter	Collar	Body Size ø	Insertion Depth	Code	
4.8 OCTA	2.8	3.3	8	IRAS **3308**	
			10	IRAS **3310**	
			12	IRAS **3312**	
			14	IRAS **3314**	
4.8 OCTA	2.8	4.1	8	IRAS **4108**	
			10	IRAS **4110**	
			12	IRAS **4112**	
			14	IRAS **4114**	
4.8 OCTA	2.8	4.8	8	IRAS **4808**	
			10	IRAS **4810**	
			12	IRAS **4812**	
			14	IRAS **4814**	
6.5 OCTA	2.8	4.8 (Wide)	8	IWAS **4808**	
			10	IWAS **4810**	
			12	IWAS **4812**	
			14	IWAS **4814**	

Surgical Guide Color code

ø3.3 ø4.1 ø4.8 ø4.8W

Cover Screw

(unit : mm)

Neck Diameter	Size	Code		
4.8 OCTA	Small	SCS S		
4.8 OCTA	Large	SCS L		
6.5 OCTA	Wide	SCS W		

- Cover Screws use the 1.27 HEX Driver.

Healing Abutment

(unit : mm)

Neck Diameter	Diameter Ø	Height	Code		
4.8 OCTA	5.5	2 3 4	SHAR **502** SHAR **503** SHAR **504**		
6.5 OCTA	7.5	2 3	SHAW **702** SHAW **703**		

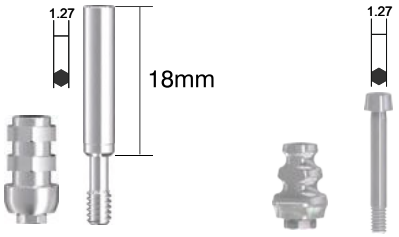
- Healing Abutments use the 1.27 HEX Driver.

Restoration Component

Precision Impression Coping

Regular	Open tray	SICS
	Closed tray	SICST **40**
Wide	Open tray	SICS **60**
	Closed tray	SICST **60**

- Precision Impression Copings use the 1.27 HEX Driver.
- Supplied with Precision Impression Coping Guide Pin.
  (Product code : Open tray-NOICG / Closed tray-SICSTG)



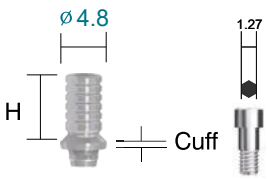
Implant Analog

Regular	SLAS
Wide	SWAS

Temporary Abutment

(unit : mm)

Neck Diameter	Diameter ø	Cuff	Height	Code
4.8 OCTA	4.8	1	7	TAO **417**
		3	7	TAO **437**

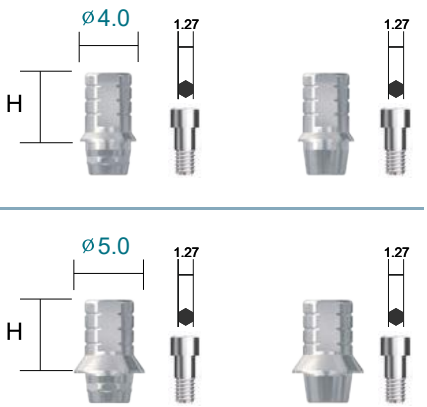


- Temporary Abutments use the 1.27 HEX Driver.
- Supplied with Angled Screw. (Product code : SAARS)
- We have Non-Octa type. (Product code : TAN)

EpDuo Link Abutment

(unit : mm)

Neck Diameter	Diameter ø	Type	Height	Code
4.8 OCTA	4.0	Crown	5	NEALK **405**
		Bridge	5	NEALKN **405**
4.8 OCTA	5.0	Crown	5	NEALK **505**
		Bridge	5	NEALKN **505**

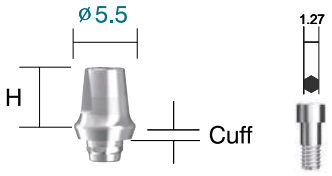


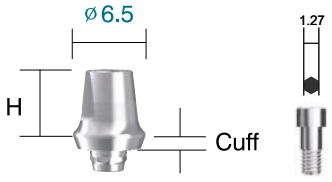
- EpDuo Link Abutments use the 1.27 HEX Driver.
- Supplied with BestDuo Screw. (Product code : NOASL)

EpDuo Abutment

(unit : mm)

Neck Diameter	Diameter ø	Cuff	Height	Code
4.8 OCTA	5.5	0	5	NEA **505**
			7	NEA **507**
		1	5	NEA **515**
			7	NEA **517**
		2	5	NEA **525**
			7	NEA **527**
4.8 OCTA	6.5	0	5	NEA **605**
			7	NEA **607**
		1	5	NEA **615**
			7	NEA **617**
		2	5	NEA **625**
			7	NEA **627**



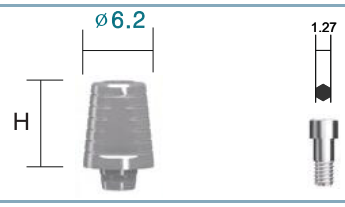


- EpDuo Abutments use the 1.27 HEX Driver.
- Supplied with BestDuo Screw. (Product code : NOASL)
- We have Non-Octa type. (Product code : NEAN)

Wide EpDuo Abutment

(unit : mm)

Neck Diameter	Diameter ø	Height	Code
6.5 OCTA	6.2	5	WNEA **605**
		7	WNEA **607**



- Wide EpDuo Abutments use the 1.27 HEX Driver.
- Supplied with BestDuo Screw. (Product code : NOASL)
- We have Non-Octa type. (Product code : WNEAN)

Angled Abutment

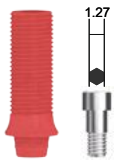
(unit : mm)

Neck Diameter	Angle	Code	
4.8 OCTA	15°	SAAR **15**	
	25°	SAAR **25**	

- Angeld Abutments use the 1.27 HEX Driver.
- Supplied with Angled Screw. (Product code : SAARS)
- We have Non-Octa type. (Product code : SAARN)

Plastic Abutment

(unit : mm)

Neck Diameter	Type	Code	
4.8 OCTA	Crown (Red)	PIU **C**	 
	Bridge (White)	PIU **B**	

- Plastic Abutments use the 1.27 HEX Driver.
- Supplied with BestDuo Screw. (Product code :NOASL)

CCM Abutment

(unit : mm)

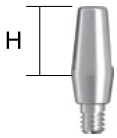
Neck Diameter	Type	Code	
4.8 OCTA	Crown (Red)	EICU **C**	 
	Bridge (White)	EICU **B**	

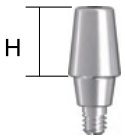
- CCM Abutments use the 1.27 HEX Driver.
- Supplied with BestDuo Screw. (Product code :NOASL)

Solid Abutment


(unit : mm)

Neck Diameter	Size	Height	Code		
4.8 OCTA	Regular	3	SSAR **30**	H	
		4	SSAR **40**		
		5.5	SSAR **55**		
		7	SSAR **70**		
6.5 OCTA	Wide	4	SSAW **40**	H	
		5.5	SSAW **55**		






- Regular Solid Abutments use the Solid Driver. (Product code : SDS48/SDL48)
- Wide Solid Abutments use the Wide Solid Driver or 1.27 HEX Driver.
- Supplied with Solid Protective Cap. (Product code : PSC)

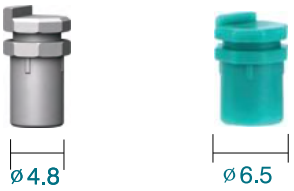
Solid Abutment

Solid Impression Cap

Regular ø4.8	PIC **40**
Wide ø6.5	PIC **60**

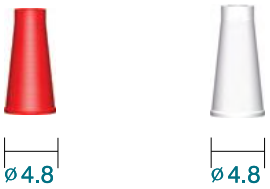
Solid Positioning Cylinder

Regular ø4.8	PPC **40**
Wide ø6.5	PPC **60**



Solid Coping

Crown (Red)	PSCC
Bridge (White)	PSCB



Solid Analog

Regular ø4.8	**3**	SSLA **30**
	4	SSLA **40**
	5.5	SSLA **55**
	7	SSLA **70**
Wide ø6.5	**4**	SWLA **40**
	5.5	SWLA **55**

Shoulder Analog & Pin

Regular ø4.8	PSA **40**
Wide ø6.5	PSA **60**

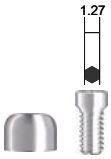
Octa Abutment


(unit : mm)

Neck Diameter	Code	
4.8 OCTA	SOA	

- Octa Abutments use the Octa Driver.

Octa Protective Cap



SHC

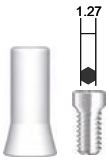
- Octa Protective Cap use the 1.27 HEX Driver.
- Supplied with Octa Protective Cap Screw. (Product code : SHCS)

Octa Impression Coping

Crown	SICO
Bridge	SICN

- Octa Impression Copings use the 1.27 HEX Driver.
- Supplied with Octa Impression Coping Guide Pin. (Product code : SICG10)

Octa Plastic Cylinder



Crown (Red)	POCC
Bridge (White)	POCB

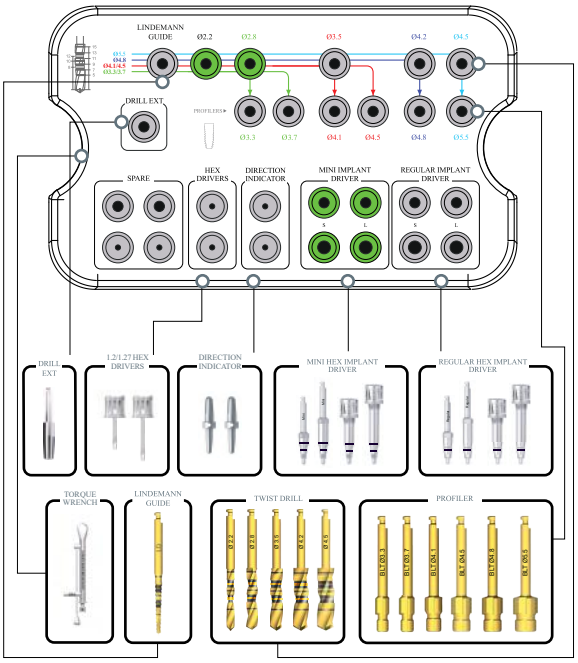
- Octa Plastic Cylinders use the 1.27 HEX Driver.
- Supplied with Octa Protective Cap Screw. (Product code : SHCS)

Octa Analog

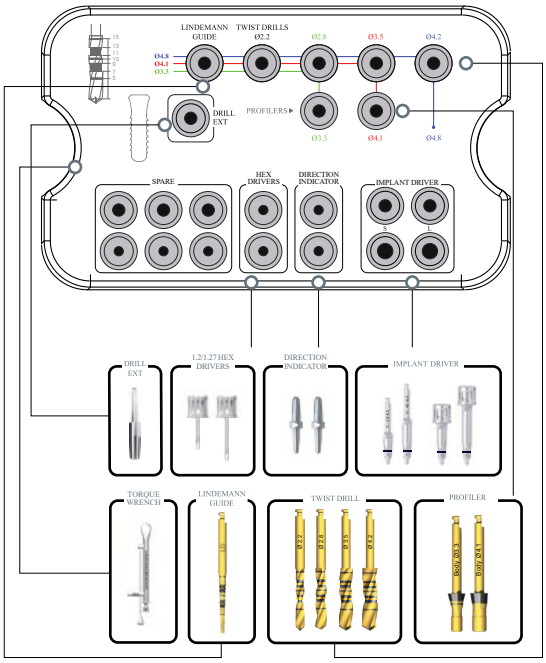
SLAOS
SLAOL

Surgical Kit

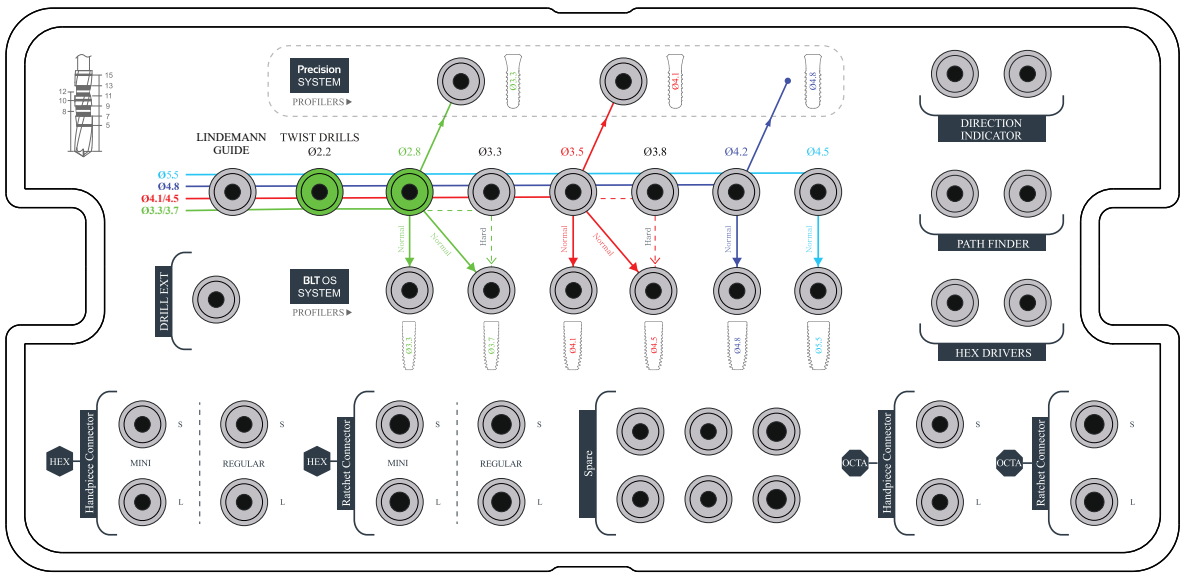
BLT OS Kit	ESKOSV2



Precision Kit	ESKPS

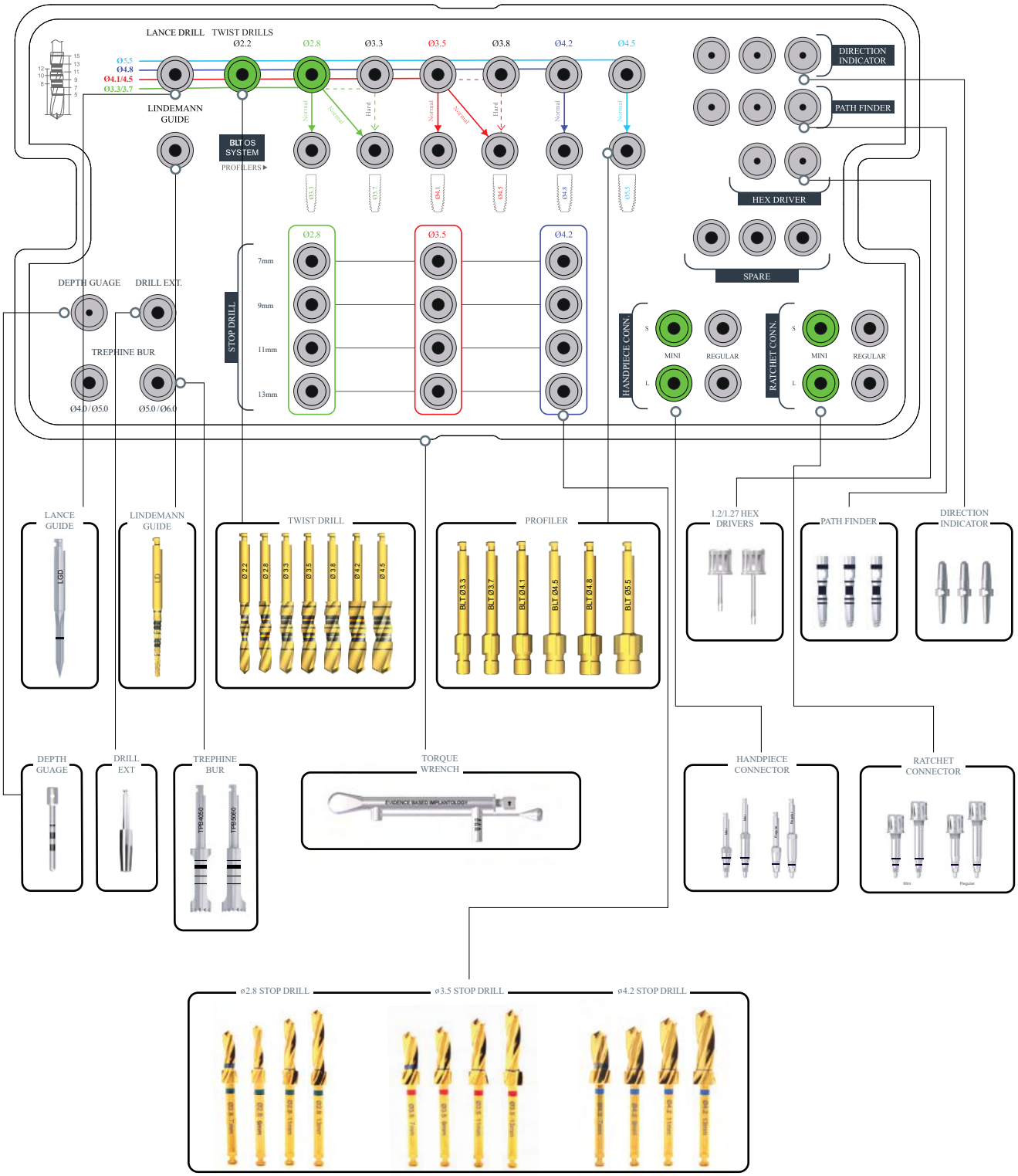


Full Surgical Kit	ESKV5

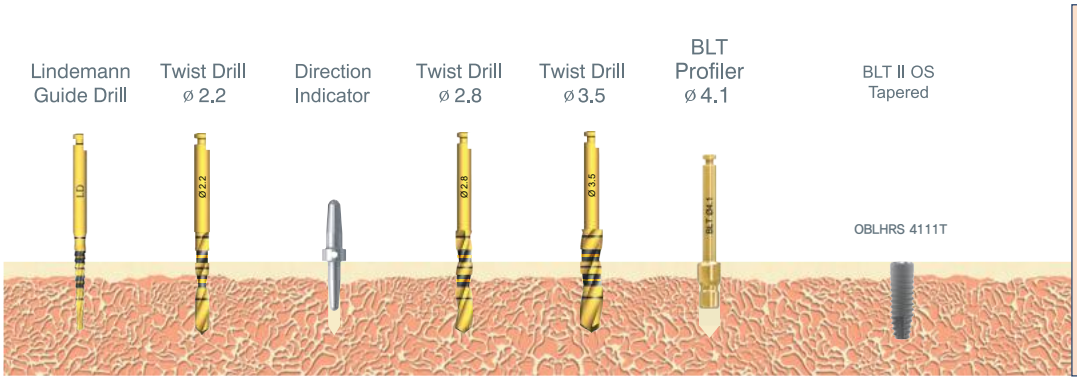


Surgical Kit

BLT OS Full Surgical Kit	ESKOSDV1



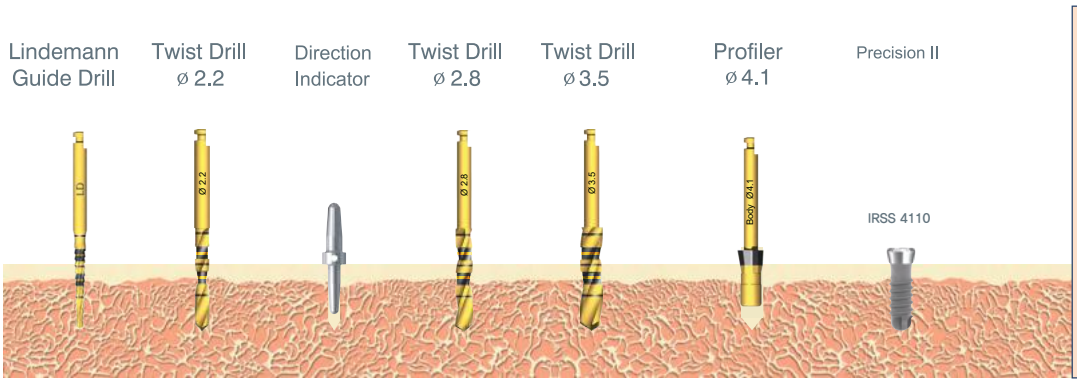
Surgical Guide



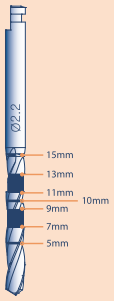
Recommendations

- Lindemann, Twist Drill speeds at 800 ~ 1200rpm
- Bone Taps are optional for use in dense bone
- Bone Taps speeds at 20 rpm
- Implant placement speeds at 20 rpm
- Implant placement torque at 35 Ncm
- The tips of Lindemann Guide and Twist Drills are not accounted for in the overall drill length, therefore maintain a safety margin of a least 1mm from all vital anatomic structures
- When you use BLT Profiler, please make sure to adjust the drilling depth after considering the shape of alveolar bone and thickness of Cortical bone

- 4.1 Bone Tap (Optional)
- Bone Taps are optional for use in dense bone

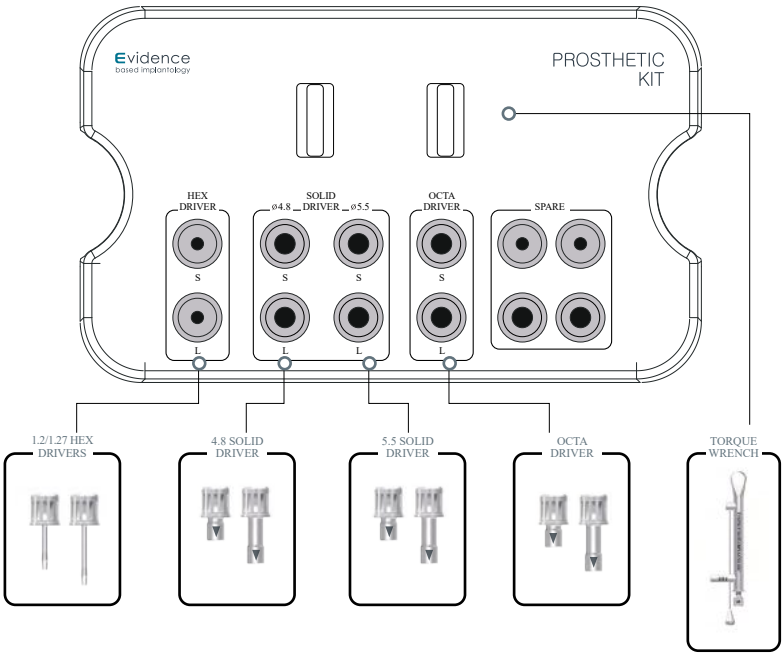


2.2 Twist Drill Depth Marks

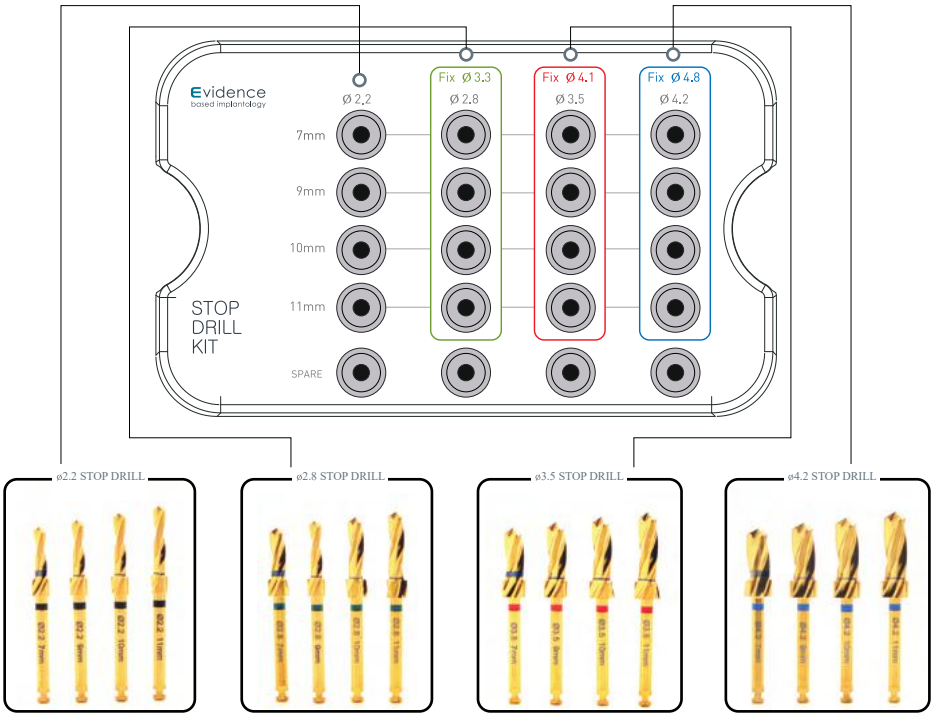


- 4.1 Bone Tap (Optional)
- Bone Taps are optional for use in dense bone

Prosthetic Kit



Stop Drill Kit



Drill

Lindemann Guide Drill

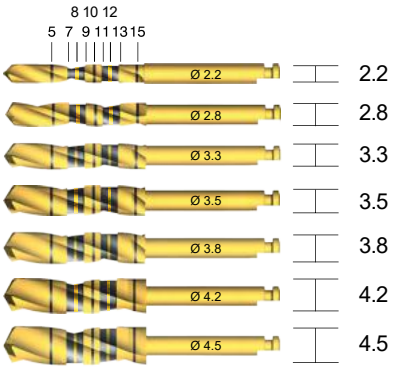
LD

Lance Guide Drill

LGD

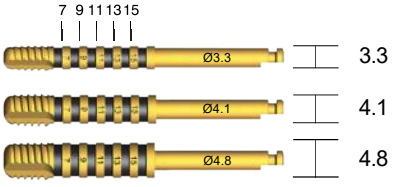
Twist Drill

ø 2.2	TWD **22**
ø 2.8	TWD **28**
ø 3.3	TWD **33**
ø 3.5	TWD **35**
ø 3.8	TWD **38**
ø 4.2	TWD **42**
ø 4.5	TWD **45**



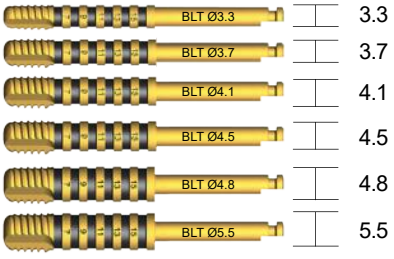
Tap Drill

Body ø 3.3	TD **33**
Body ø 4.1	TD **41**
Body ø 4.8	TD **48**



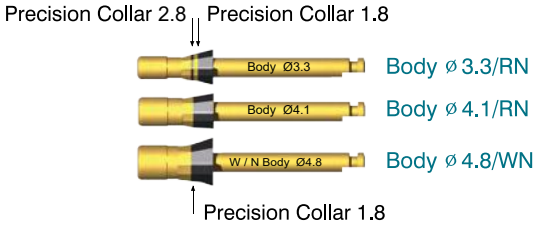
BLT Tap Drill

Body ø 3.3	BLTD **33**
Body ø 3.7	BLTD **37**
Body ø 4.1	BLTD **41**
Body ø 4.5	BLTD **45**
Body ø 4.8	BLTD **48**
Body ø 5.5	BLTD **55**



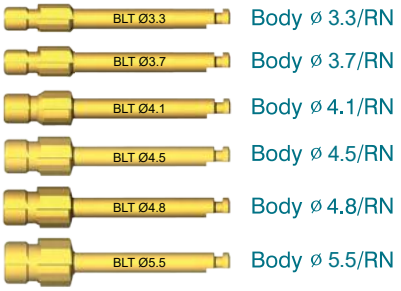
Profiler

Body ø 3.3/RN	PF **33**
Body ø 4.1/RN	PF **41**
Body ø 4.8/WN	PF **65**



BLT Profiler

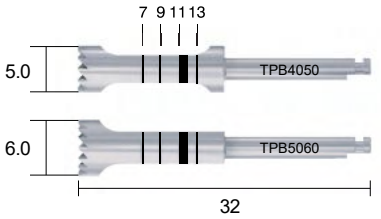
Body ø 3.3/RN	BLPF **33**
Body ø 3.7/RN	BLPF **37**
Body ø 4.1/RN	BLPF **41**
Body ø 4.5/RN	BLPF **45**
Body ø 4.8/RN	BLPF **48**
Body ø 5.5/RN	BLPF **55**



Drill & Instruments

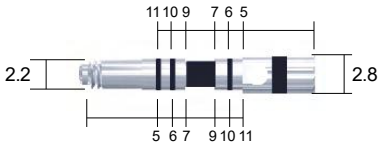
Trephine Bur

ø5.0 (in ø4.0)	TPB 4050
ø6.0 (in ø5.0)	TPB 5060



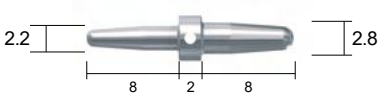
Path Finder

ø2.2 / 2.8	DIDG 2228



Direction Indicator

Ø2.2 / Ø2.8	DI2228



Implant Driver - T/W

Short	IDTS
Long	IDTL

Implant Driver - H/P

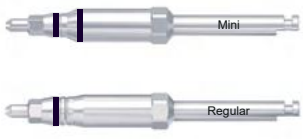
Short	IDHS
Long	IDHL

OS Implant Driver - T/W

Mini	Short	OIDTSM
	Long	OIDTLM
Regular	Short	OIDTS
	Long	OIDTL

OS Implant Driver - H/P

Mini	Short	OIDHSM
	Long	OIDHLM
Regular	Short	OIDHS
	Long	OIDHL



Instruments

Torque Wrench

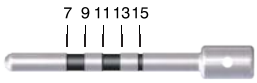
TR

Drill Extension

DE

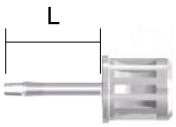
Depth Gauge

DG



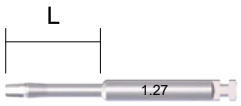
1.27 Hex Driver - T/W

Short	11	SHDTS
Long	18	SHDTL



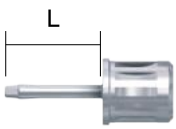
1.27 Hex Driver - H/P

Short	11	SHDHS
Long	18	SHDHL



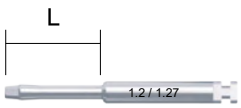
1.2 / 1.27 Double HEX Driver - T/W

Short	11	DBHDTS
Long	18	DBHDTL



1.2 / 1.27 Double HEX Driver - H/P

Short	11	DBHDHS
Long	18	DBHDHL



Solid Driver

Regular Ø4.8	Short	SDS48
	Long	SDL48
Regular Ø5.5	Short	SDS55
	Long	SDL55

Octa Driver

Short	ODS
Long	ODL

SMART Immediate Loading Kit [SILK]

It makes possible to immediate loading by securing the safe distance between the implants, and prevents the bone absorption as well as keeps the implants maintain in parallel position each other. It also provides an ideal prosthesis so its value is lasting.

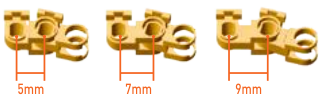
Indications

Fully edentulous area / Partially edentulous area / Single missing area

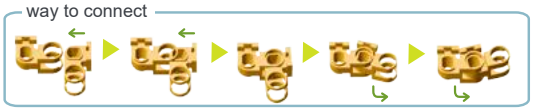
Tools

- Loading Lindemann Guide Drill 1
- Ridge Contouring Bur (RCB3) – Small/Large ..... 1 of each
- 2.2mm Loading Twist Drill 1
- 2.2mm Titanium Parallel pin 5
- 2.2mm Plastic Parallel pin 8
- Handle –Left/Right/Center ..... 1 of each
- Depth Gauge 1
- 5mm Guide Block 6
- 7mm Guide Block 11
- 9mm Guide Block – Right 2
- 9mm Guide Block – Left 2
- End Guide Block – Left/Right ..... 1 of each

Parallel Guide Block



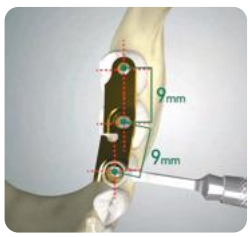
- Three types between holes
  - > 5mm – for mandible anterior teeth
  - > 7mm – up to premolars
  - > 9mm – between molar premolar & molar

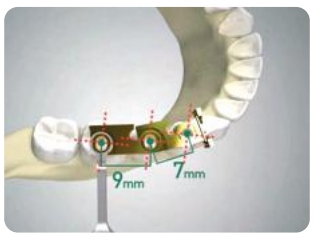


Ends

* Partially edentulous area
Single missing area

When placing a 4mm implant, the End Guide Blocks maintain a space of 1.5mm (3.5mm from the center of the implant) between the natural bone and the implant.





Ridge Contouring Bur [RCB]

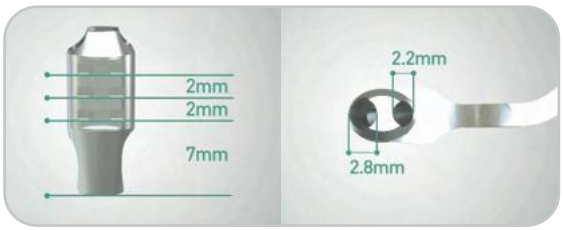
Ridge Contouring Bur

It is useful to smooth the sharp or rough bone. It is differ from the diamond bur, it can easily make appropriate ridge shape without the bone fragments on the bur. It can be used effectively when widening area of the sinus window.

Ridge Contouring Bur Plus does not damage the nearby tissue and allows formation of appropriate alveolar bone shape because the direction of blade is opposite though there is a blade at the fore-end. Also if you turn the Ridge Contouring Bur Plus anti-clockwise, you can trim the alveolar bone in various angles using the blade at the fore-end.

Large	4.8	RCB **3**
Small	3.6	RCB **3S**
Regular (Plus)	4.0	RCB **P**

Immediate Placement Kit [IPIP]

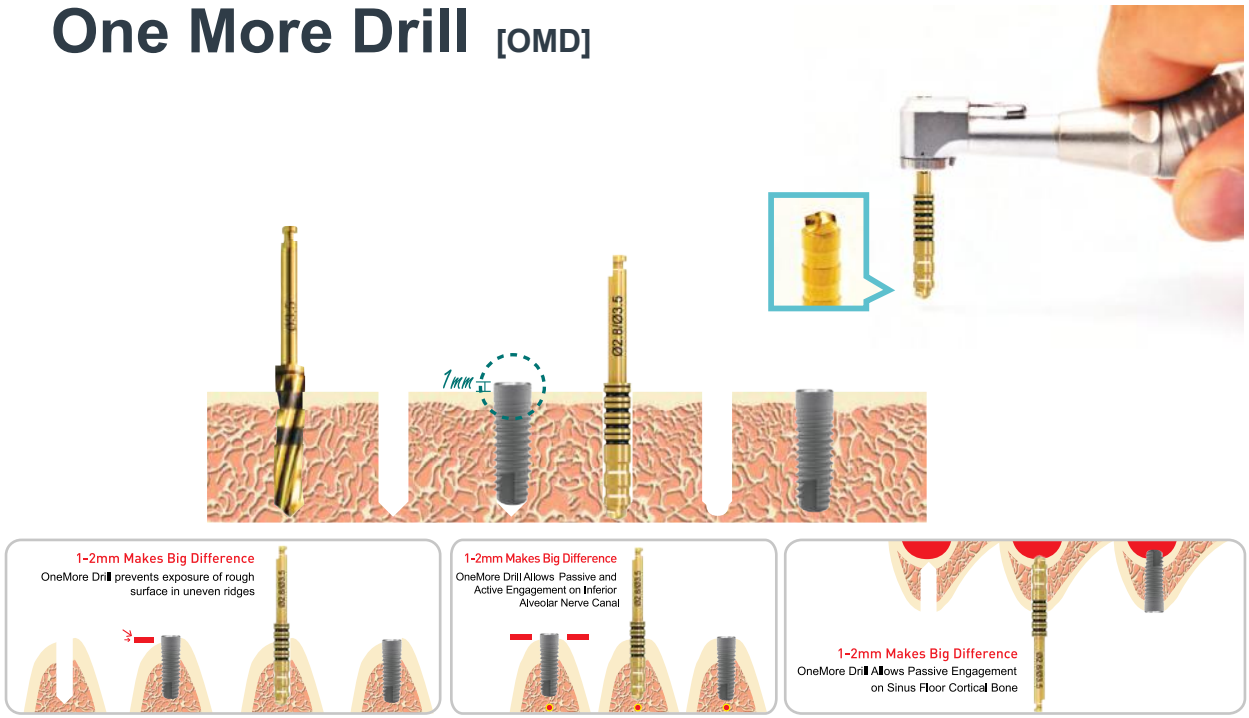


A new surgical guide for immediate placement is placed in the post extraction socket. The hole of this guide allows precise osteotomy by preventing loss of drill' s direction on the palatal wall of a socket.

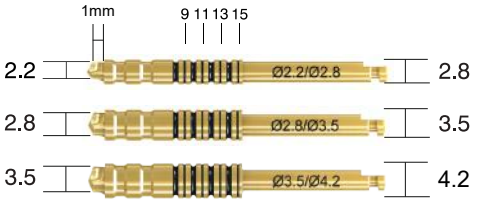
- Please start drilling after drill was seated inside of the device.

With this guide, an implant can be placed into the planned position precisely and can avoid losing primary stability. The apex of an implant is placed in the basal bone.

One More Drill [OMD]



ø2.8	OMD **2228**
ø3.5	OMD **2835**
ø4.2	OMD **3542**

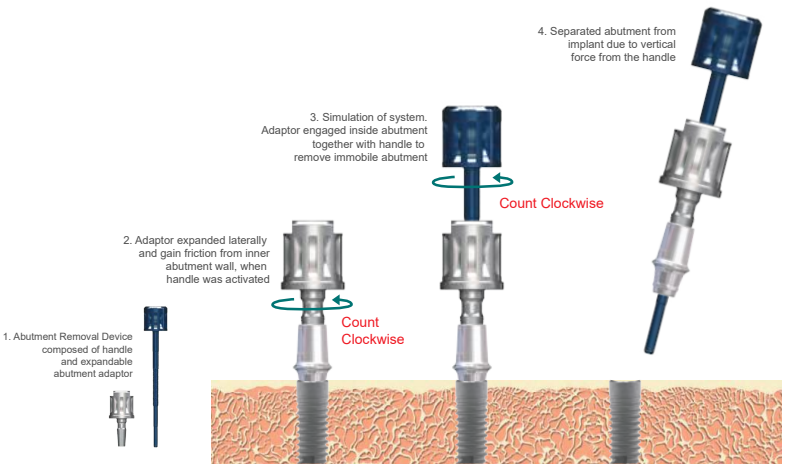


Abutment Remover [ABR]

EZ-Sep

By using this device, you can apply vertical force to the center of an implant so you can seperate the prosthesis from the implant without causing any damage to the prosthesis or implant.

ABR



Cutting Edge Regeneration Technology [CERT]

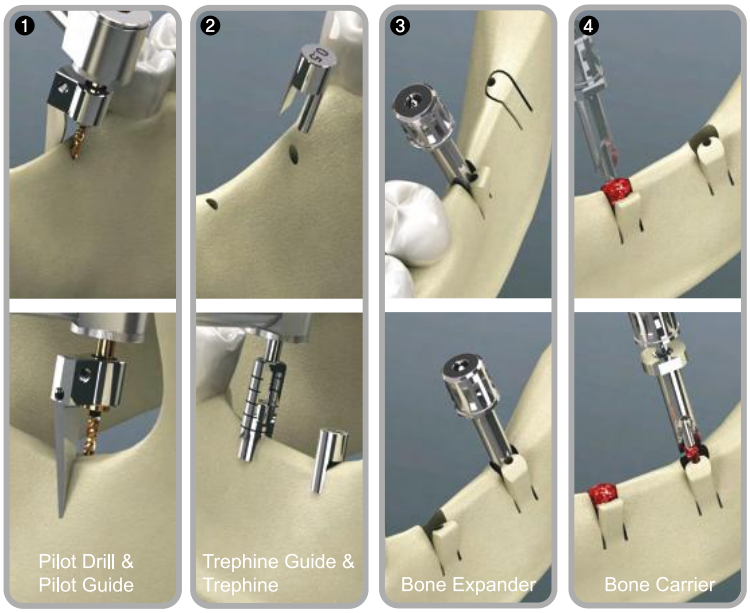
Primary objective: Guided Bone Regeneration using a modified localised ridge splitting technique for the atrophic ridge.

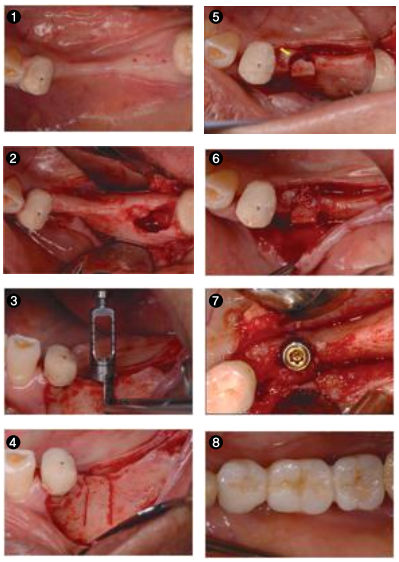
Secondary objective: Reduce time taken to definitively restore an atrophic ridge by possible immediate implant placement and guided bone regeneration.

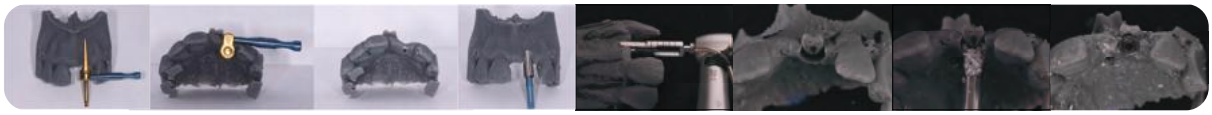
Tools

- Pilot drill 1.5 1
- Ridge Contouring Bur 1
- Pilot Guide Short 1
- Pilot Guide Long 1
- Trephine 5.0 1
- Trephine Guide 1
- Full Trephine Guide 1
- Bone Expander 1
- Bone Carrier 1

CUTTING Edge
REGENERATION TECHNOLOGY







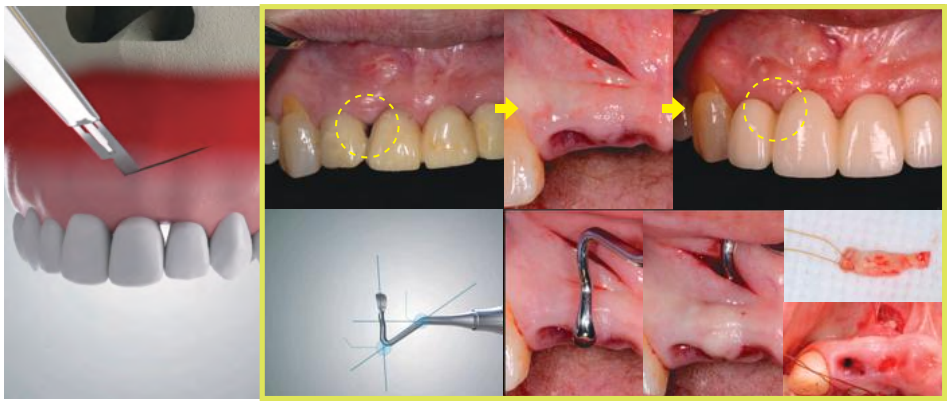
▲ When adjusting the angle with the handle of Pilot Guild, the drilling direction is adjustable

Tip

This technique forms a space within 2.0-2.5mm which is the critical gap distance so most of the case doesn't need a membrane for the osseointegration of implant. However if you do GBR in order to increase a volume, you can use a membrane by adding the bone to outside.

Trans Lingual Curette [TLC]

By using the device, a space for implanting soft tissues is guaranteed and damage is minimized. As a result, interdental papilla tissues that are healthy and provided with enough blood can be regenerated.



Trans Lingual Curette

TLC

Sinus Kit [SCC]

Sinus Instruments

SCC1 After decision the size of Sinus window, elevate the membrane.
Due to the laser marking, i is able to know the depth of instrument's insertion.

SCC2 It is able to elevate or seperate the Sinus membrane due to the bigger size.

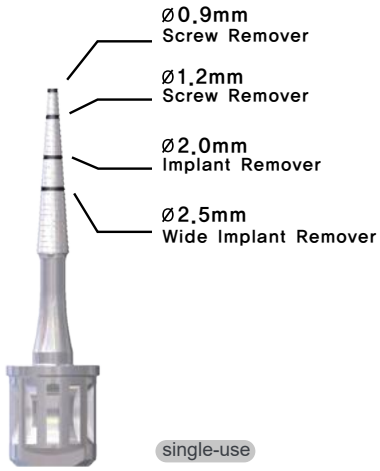
SCC3 Elevate the membrane at Medial wall.

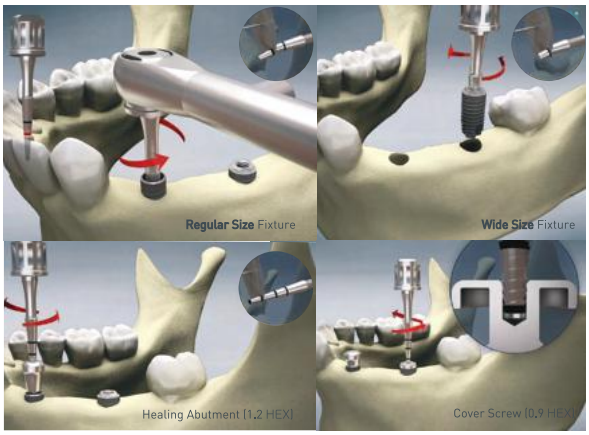
SCC4 Fill the artificial bone to Sinus cavity, harden the surrounding bone.

SCC5 After checking the space and suture it.

Implant Remover [IRF]

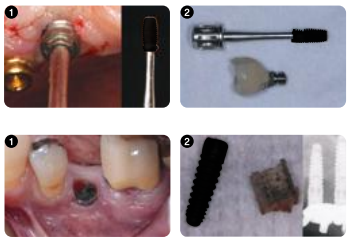
Implant can be removed easily without causing damage to alveolar bone by fixing the Implant Remover to inner hole of the implant and turning the Implant Remover anti-clockwise by using torque wrench.



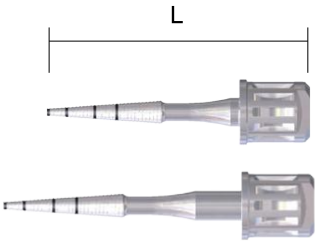


- Able to cut off the tip according to the screw hole size of implant
- Endurable maximum torque is 200Ncm

[Tip]
If the remover failed to function under 200Ncm torque,
it can be used again after cutting off the tip about 0.5mm.



Type	Length	Code
Short	30	IRFS
Long	35	IRFL



Simple Torque Wrench

STR120

Instruments Instruction For Use

A. Instruction for use & Procedure

(1) Preparation before use

- Carry out a visual check of the insturment whether the damage or abrasion.
- Check the cleanliness of insturment surface.
- Before use, clean it by Ultrasonic cleaning machine and sterilize by Autoclave. (132℃ , 4min)

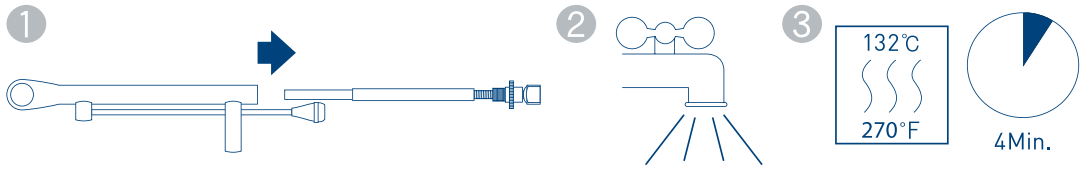
(2) Method of Use

- Select the insturment which is suitable to each type and dimension.
- Driver type : Used to connect or remove the Screw or Abutment by connecting in Hand-piece and Torque Wrench
- Drill type : Used to make a hole to bone by connecting in Hand-piece

B. How to care after use

1. During the surgical operation, put the used tool in a saline solution or distilled water.
2. After a surgical operation, wash the used tool all by Alcohol.
3. Wash cleanly by distilled water or running water in order to remove the bloodstain or other substance.
4. Dry the water fully using the dried cloth or heater.
5. Set the dried tools to the Kit case.
6. Keep the Kit at room temperature after sterilizing in Autoclave (132℃ , 4min)

Torque Wrench



※ A used Torque Wrench should separate surely and then wash and dry out.

C. Caution

- It must be used by healthcare professional.
- Do not use when the insturments are damaged and do not change at your own discretion.

D. Packaging Unit_piece/set

Information

Evidence
based implantology

Manufactured by : EVIDENCE IMPLANT Inc.
32, Innovalley-ro, Dong-gu, Daegu, Republic of Korea, 41065
Tel : +82-53-817-7767 Web : www.ebiimplant.com
Email : ebi@ebiimplant.com

Important Notes:

Availability : Not all products listed in this catalog are available in all countries.
Unit Per Package/Units Per Measure:
Unless otherwise stated, there is one unit in each package. Products shown are to scale and some assembly may be required. All measurements are in millimeters.
∅=Diameter, C=Collar, I.D=Insertion Depth, H=Height

• Materials

Implant / Abutment : CP Pure Titanium grade 4 (ASTM F67), Ti-6Al-4V ELI (ASTM F136)

• Certifications

FDA CE 1370 KFDA GMP ISO13485:2016

• Symbols for labeling

LOT	the manufacture's serial number	REF	product code	Sterile R	sterilized gamma
	use-by date		pack date	EC REP	a EU representative

Memo

Evidence
based implantology

Sterilization

- γ- ray irradiation
- SAL : 10^{-6}
- Validation by bioburden method according to ISO11137

Packaging

- Using registered Tyvec in the approval medical Packing of FDA

Evidence
based implantology

Evidence
based implantology

Manufactured by : EVIDENCE IMPLANT Inc.
32, Innovalley-ro, Dong-gu, Daegu, Republic of Korea, 41065
Tel : +82-53-817-7767 Web : www.ebiimplant.com
Email : ebi@ebiimplant.com

Rev. 02