NEW PRODUCTS

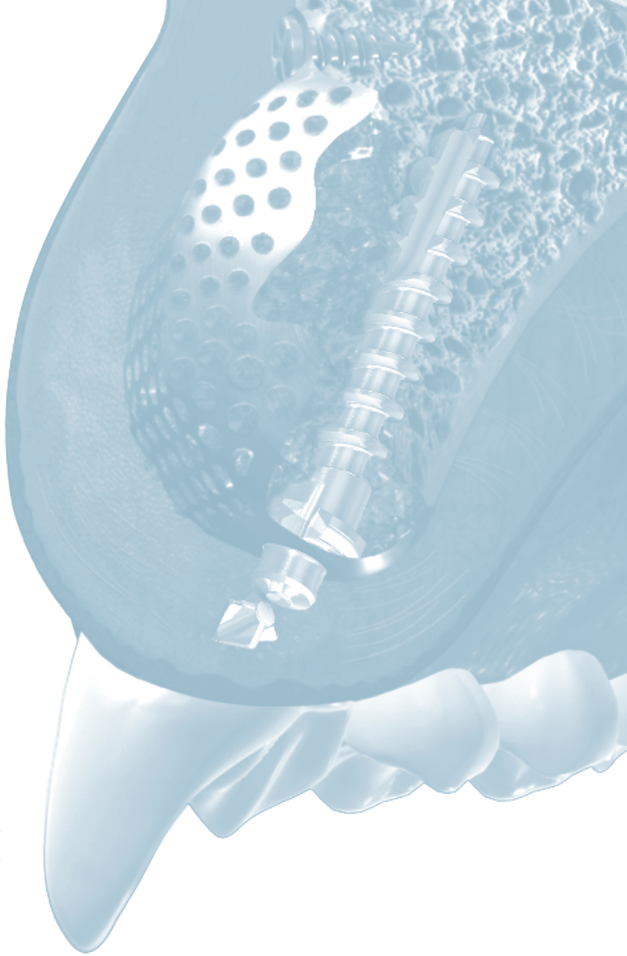
EZ-Fixing

system

2017. 10 **E** Ver.01

Neo Biotech
Satisfaction to Dentists

Contents

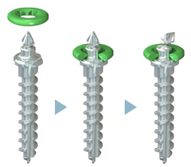


Neobiotech's EZ-Fixing System is

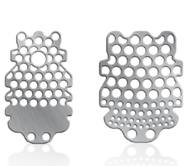
a new updated Neo GBR system for Guided Bone Regeneration surgery that improved membrane (absorbable/non-absorbable) maintenance after bone graft.

The EZ-Fixing System is consisted of EZ-GBR Kit, EZ-Fixing Screw, and 2D CTi-mem

EZ-GBR Kit



EZ-Fixing Screw & Cap



2D CTi-mem

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NEO EZ-GBR Kit

NEW CONCEPT

Code	EZGBRKIT

This Kit is a tool for bone graft procedure in oral location where autogenous defect has occurred. It is composed of not only the Tent/Fixing Screw and the New Spacer, but also the EZ-Fixing Screw that is a new product to fixate membrane.

EZ-GBR Kit Line Up

EZ-Screw Fixation Drill

- Ø 1.0 : Forms the guide holes before placement of the EZ-Fixing Screw on the cortical bone
- Ø 1.7 : Forms Ø1.7 hole in Bone Block for fixing the EZ-Fixing Screw or Fixing Screw without thread interruption

Code	Spec
EZSFD17	Ø1.0 / Ø1.7

EZ-Screw Fixation Drill Stopper

Assist to drill safely into expected depth by connecting onto EZ-Screw Fixation Drill

Code	Spec
EZSFDS050	5mm

EZ-Handle Connector

Connects onto Contra Angle type Driver to transform into Handle Type

Code	Spec
EZHC12	12mm

GBR Ratchet Connector

Used for transforming Contra angle type Driver into Ratchet type

Code	Spec
GRC15	15mm

Driver Handle

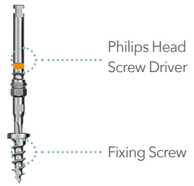
Used for connecting or removing Contra angle type Driver into Handle Type

EZ-GBR Kit Line Up

Philips Head Screw Driver

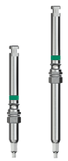
Used to place the Fixing Screw with cross type (+) Driver

Code	Spec
PHSD05	5mm
PHSD10	10mm
PHSD20	20mm



Dual Hex Driver

Used for connecting or removing the Tent Screw & CTi-Cover Screw (Hex formed in 2 layers)

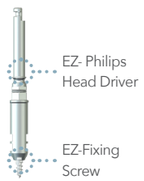


Code	Spec
DHDC10	10mm
DHDC20	20mm

EZ-Philips Head Driver

Used for EZ-Fixing Screw placement or removal with cross type (+) driver

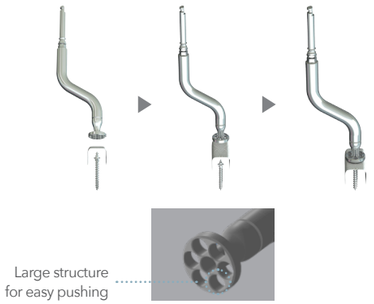
Code	EZPHD3502	EZPHD3512	EZPHD3520
Spec	2mm	12mm	20mm



EZ-Ti-Mem Push Driver

Pushes the membrane to be fixed on EZ-Fixing Screw

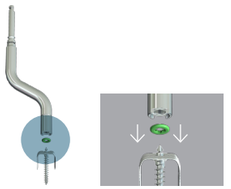
Code	Spec
EZPD68	Ø6.5/1.5mm



EZ-Cover Cap Driver

Picks up the EZ-Cover Cap to connect on EZ-Fixing Screw

Code	Spec
EZCCD42	Ø4.2



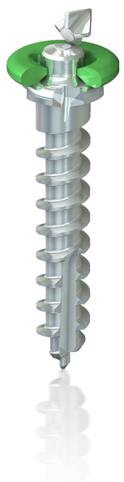
EZ-Break Driver

Removes the Conical part of the EZ-Fixing screw

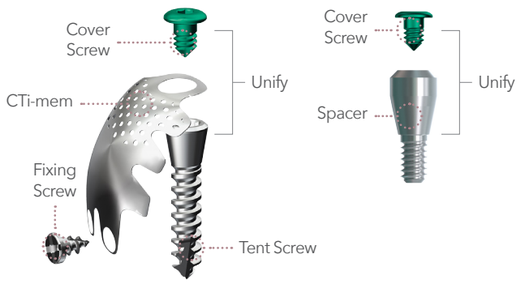
Code	Spec
EZBRD	Ø3.2

EZ-FIXING
SCREW & CAP

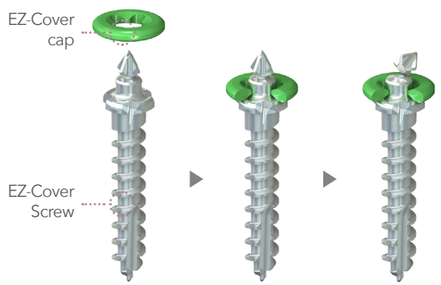
NEW CONCEPT



Existing GBR Screw



New EZ-Fixing Screw

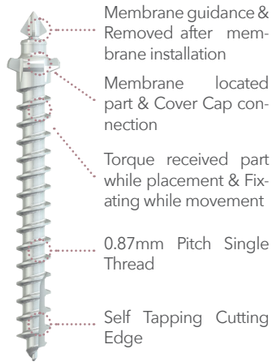


- Improvement of design from 2-piece connection type to 1-piece connection of Cover Screw and Tent Screw/ Spacer
- Applicable for absorbable membrane with no Pore since it creates the Pore (Not applicable for the Ti-membrane that has no Pore)

EZ-Fixing Screw & Cap Line Up

EZ-Fixing Screw

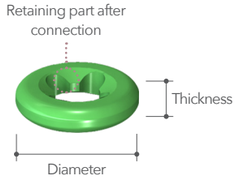
- In case of large vertical and horizontal defects, EZ-Fixing Screw is a screw for GBR procedure to maintain space during bone formation process.
- Conical tip allows easy fixation of the membrane, and makes suturing simple by conical tip removal.



Code	Spec
EZFS1703C	3mm
EZFS1705C	5mm
EZFS1707C	7mm
EZFS1710C	10mm
EZFS1713C	13mm
EZFS1715C	15mm

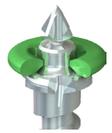
EZ-Cover Cap

Used for fixating membrane to the EZ Fixing Screw



Diameter	Thickness
Ø3.5	0.6

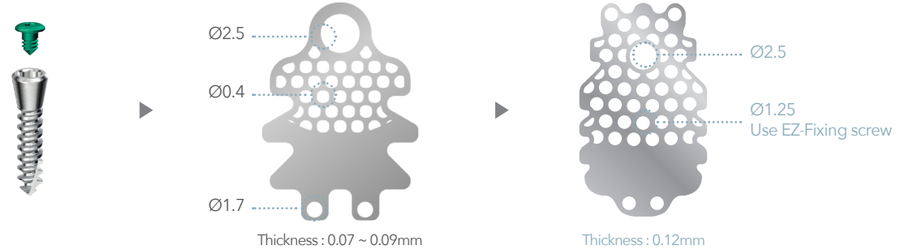
* EZ-Fixing Screw Component / Not sold separately



NEO
2D CTI-MEM

NEW CONCEPT

Tent Screw Type



EZ-Fixing Screw Type

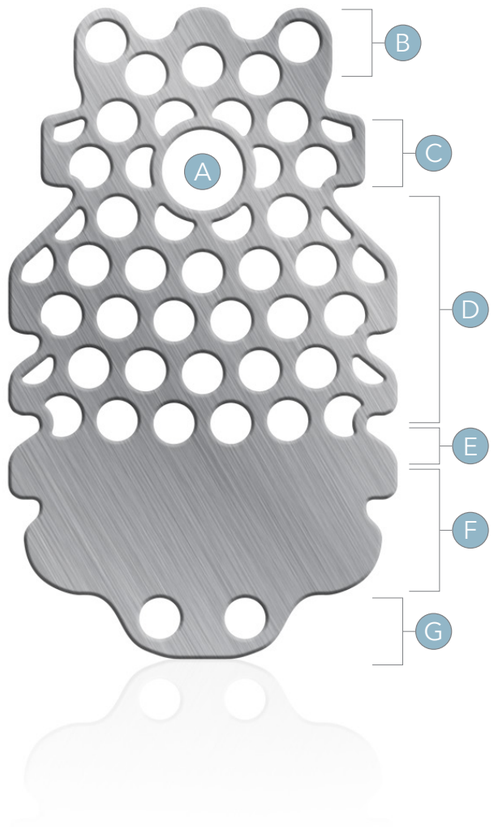
▸ As a customized titanium membrane, it can be bent easily by minimum cutting depending on the place where it needs to be located

▸ Its enlarged pore size (Ø1.25) enables fluent blood supply and easy usage of the EZ-Fixing Screw.

▸ Its rigid thickness and pattern makes easy for CTi-mem to be bent and formed appropriately to bone defect area.

▸ Available in 2 types of line up for use in both the existing system (Tent Screw & Spacer) and the new system (EZ-Fixing Screw)

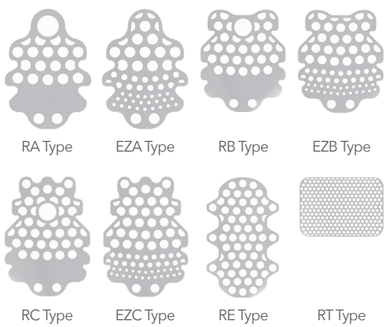
2D CTi-mem Line Up



01 Feature

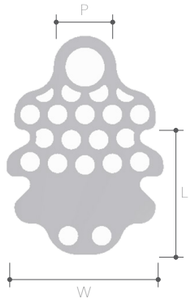
- A. Fixing Hole
- B. Lingual Finger
- C. Proximal Finger
- D. Lateral Thickness Forming Part
- E. Bending Part
- F. Lateral Cover
- G. Foot

02 Line up



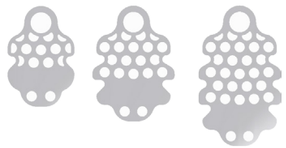
2D CTi-mem Line Up

RA Type

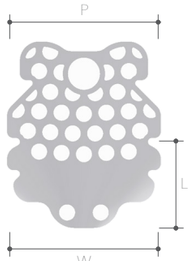


P(mm) (Proximal Width)	W(mm) (Buccal Width)	L(mm) (Buccal Length)	TYPE	CODE
4	8	6	RA1	RATMB0810F
4	10	8	RA2	RATMB0912F
4	10	11	RA3	RATMB0915F

Thickness : 0.12mm

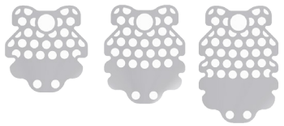


RB Type

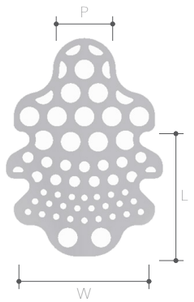


P(mm) (Proximal Width)	W(mm) (Buccal Width)	L(mm) (Buccal Length)	TYPE	CODE
10	12	5	RB4	RPTMB1210SF
		7	RB5	RPTMB1212SF
		10	RB6	RPTMB1215SF

Thickness : 0.12mm

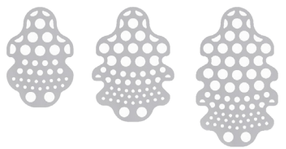


EZA Type

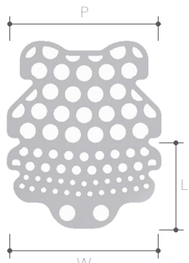


P(mm) (Proximal Width)	W(mm) (Buccal Width)	L(mm) (Buccal Length)	TYPE	CODE
4	8	6	EZA1	EZTM0810A1
4	10	8	EZA2	EZTM0912A2
4	10	11	EZA3	EZTM0915A3

Thickness : 0.12mm

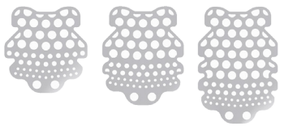


EZB Type



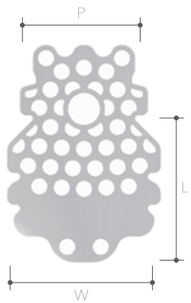
P(mm) (Proximal Width)	W(mm) (Buccal Width)	L(mm) (Buccal Length)	TYPE	CODE
10	12	5	EZB4	EZTM1210B4
		7	EZB5	EZTM1212B5
		10	EZB6	EZTM1215B6

Thickness : 0.12mm



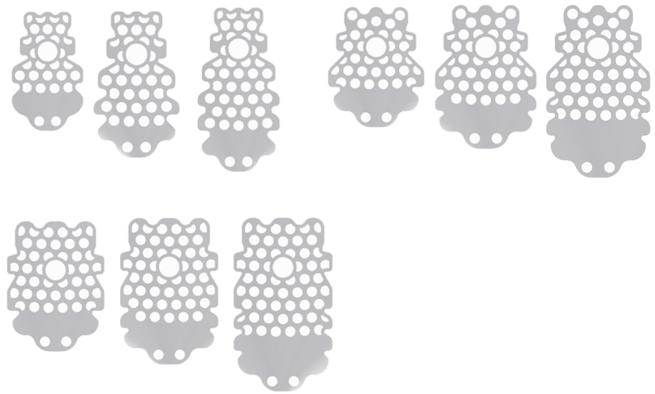
2D CTi-mem Line Up

RC Type

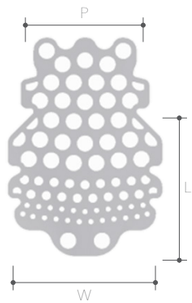


P(mm) (Proximal Width)	W(mm) (Buccal Width)	L(mm) (Buccal Length)	TYPE	CODE
7	9	6	RC1	RPTML0910F
		8	RC2	RPTML0912F
		11	RC3	RPTML0915F
10	12	5	RC4	RPTML1210SF
		7	RC5	RPTML1212SF
		10	RC6	RPTML1215SF
12	12	5	RC7	RPTML1210LF
		7	RC8	RPTML1212LF
		10	RC9	RPTML1215LF

Thickness : 0.12mm

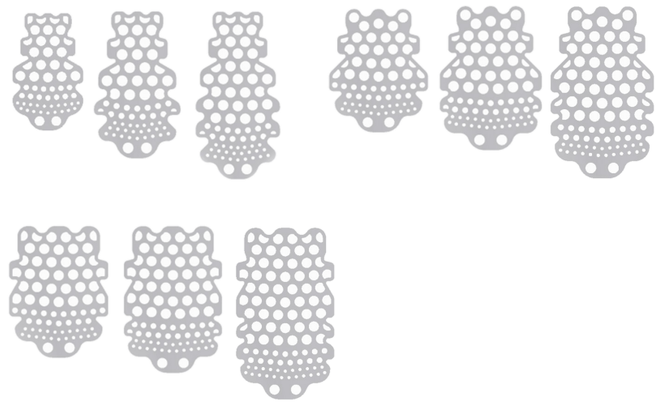


EZC Type



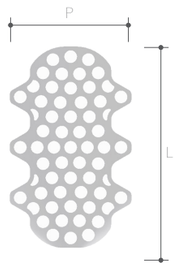
P(mm) (Proximal Width)	W(mm) (Buccal Width)	L(mm) (Buccal Length)	TYPE	CODE
7	9	6	EZC1	EZTM0910C1
		8	EZC2	EZTM0912C2
		11	EZC3	EZTM0915C3
10	12	5	EZC4	EZTM1210C4
		7	EZC5	EZTM1212C5
		10	EZC6	EZTM1215C6
12	12	5	EZC7	EZTM1210C7
		7	EZC8	EZTM1212C8
		10	EZC9	EZTM1215C9

Thickness : 0.12mm



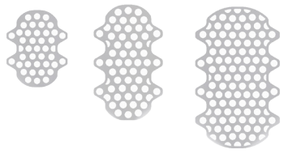
2D CTi-mem Line Up

RE Type

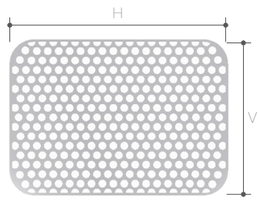


P(mm) (Proximal Width)	L(mm) (Buccal Length)	TYPE	CODE
12	15	RE1	RCTM1215
12	20	RE2	RCTM1220
15	25	RE3	RCTM1525

Thickness : 0.12mm



RT Type

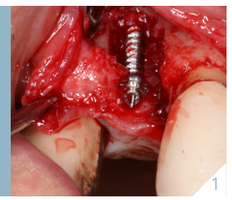


V(mm) (Vertical)	H(mm) (Horizontal)	TYPE	CODE
12	20	RT1	RTMN1220125
20	25	RT2	RTMN2025125
25	35	RT3	RTMN2535125
35	50	RT4	RTMN3550125

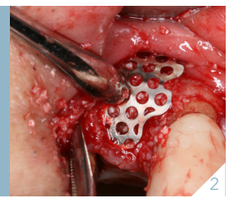
Thickness : 0.12mm

EZ-FIXING SYSTEM
CLINICAL CASE

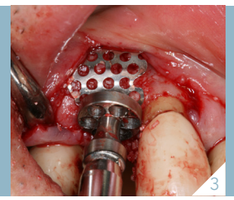
Secure the space for bone formation by placing the EZ-Fixing Screw on the bone defect area

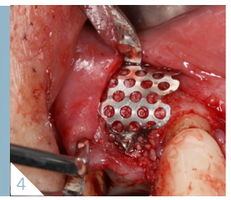


Apply the Bone graft material up to the EZ-Fixing Screw height then, select and locate the appropriate CTi-mem

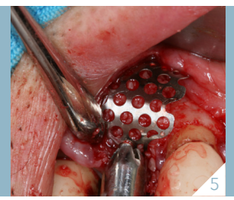


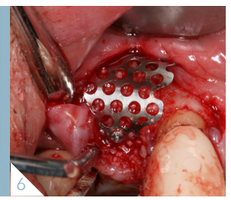
Push and fixate the membrane to the conical tip of the EZ-Fixing Screw by using the EZ-Ti-Mem Push Driver





Remove the conical tip of the EZ-Fixing Screw by rotating clockwise with the EZ-Break Driver





Apply additional fixation by using the Fixing Screw if needed. Adapt the CTi-mem to the tissue then suture the soft tissue.

EZ-Fixing Screw Operation Procedure

1. Check the expiration date and sterilization status of the product
2. Open the sterilized capsule
3. Open the mucoperiosteal flap to expose the defect area
4. Connect Screw Driver and EZ-Fixing Screw to place into the bone
5. Apply bone graft and cover with a membrane
6. Use the Push Driver to push the membrane onto the conical tip of the EZ-Fixing Screw
7. Connect the Cover Cap to the Cover Cap Driver and place it onto the conical tip that is exposed above the membrane, then push the Cover Cap Driver to fixate Cover Cap onto the conical tip of the EZ-Fixing Screw.
8. After fixating the membrane onto the EZ-Fixing Screw, remove the conical tip of EZ-Fixing Screw, which is exposed above the Cover Cap, by connecting the Break Driver and rotating clockwise until it breaks to be removed.
9. Suture the soft tissue.
10. After bone formation remove the EZ-Fixing Screw and the Cover Cap.

Neo Biotech
Satisfaction to Dentists

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